## Registration Report

Project

Ch15_South_Shelter
Cluster
Recording Period
Location
Report Date
8/2/2018, 3:31:41 PM

## Color Coding

| Point Error | $<8 \mathrm{~mm}$ | $>20 \mathrm{~mm}$ |
| :--- | :--- | :--- |
| Overlap | $>25.0 \%$ | $<10.0 \%$ |
| Distance Error | $<20 \mathrm{~mm}$ | $>40 \mathrm{~mm}$ |
| Horizontal Error | $<20 \mathrm{~mm}$ | $>40 \mathrm{~mm}$ |
| Vertical Error | $<20 \mathrm{~mm}$ | $>40 \mathrm{~mm}$ |
| Angular Error | $<0.5 \mathrm{deg}$ | $>1.0 \mathrm{deg}$ |

## Overview

## Scan Point Statistics

| Maximum Point Error | 6.6 mm |
| :--- | :---: |
| Mean Point Error | 2.9 mm |
| Minimum Overlap | $27.3 \%$ |

## Target Statistics

| Max. Distance Error | 72.3 mm |
| :--- | :---: |
| Mean Distance Error | 10.1 mm |
| Max. Horizontal Error | 72.2 mm |
| Mean Horizontal Error | 9.3 mm |
| Max. Vertical Error | 24.2 mm |
| Mean Vertical Error | 2.9 mm |
| Max. Angular Error |  |
| Mean Angular Error |  |

## Scan Errors

## Scan Point Statistics

| Cluster/Scan | Connections | Max. Point Error [mm] | Mean Point Error [mm] | Min. Overlap |
| :---: | :---: | :---: | :---: | :---: |
| SS15_000 | 15 | 4.2 | 3.2 | 27.7 \% |
| SS15_001 | 28 | 4.6 | 3.1 | 35.5 \% |
| SS15_002 | 28 | 4.3 | 2.6 | 41.4 \% |
| SS15_003 | 26 | 4.3 | 2.9 | 36.6 \% |
| SS15_004 | 32 | 4.3 | 2.6 | 41.9 \% |
| SS15_005 | 33 | 4.1 | 3.0 | 38.8 \% |
| SS15_006 | 19 | 3.7 | 2.7 | 52.2 \% |
| SS15_007 | 44 | 5.5 | 3.1 | 41.6 \% |
| SS15_008 | 38 | 4.9 | 2.9 | 40.0 \% |
| SS15_009 | 29 | 4.8 | 2.9 | 40.8 \% |
| SS15_010 | 29 | 4.2 | 2.8 | 49.9 \% |
| SS15_011 | 52 | 4.9 | 3.0 | 30.4 \% |
| SS15_012 | 23 | 4.3 | 2.9 | 32.5 \% |
| SS15_013 | 26 | 3.7 | 2.7 | 45.2 \% |
| SS15_014 | 17 | 5.1 | 3.7 | 30.4 \% |
| SS15_015 | 25 | 4.5 | 3.1 | 47.2 \% |
| SS15_016 | 32 | 4.0 | 2.7 | 37.8 \% |
| SS15_017 | 37 | 3.9 | 2.7 | 47.6 \% |
| SS15_018 | 34 | 5.0 | 3.2 | 31.9 \% |
| SS15_019 | 37 | 4.2 | 2.7 | 44.9 \% |
| SS15_020 | 34 | 4.1 | 2.6 | 36.8 \% |
| SS15_021 | 30 | 4.0 | 2.7 | 43.9 \% |
| SS15_022 | 36 | 4.7 | 3.0 | 51.8 \% |
| SS15_023 | 48 | 5.0 | 3.0 | 37.5 \% |
| SS15_024 | 38 | 4.7 | 3.0 | 44.3 \% |
| SS15_025 | 48 | 4.9 | 2.9 | 27.7 \% |
| SS15_026 | 33 | 4.4 | 2.9 | 52.0 \% |
| SS15_027 | 39 | 4.9 | 3.1 | 43.1 \% |
| SS15_028 | 45 | 4.9 | 3.0 | 37.4 \% |
| SS15_029 | 40 | 6.1 | 3.1 | 32.1 \% |
| SS15_030 | 33 | 5.5 | 2.9 | 33.9 \% |
| SS15_031 | 30 | 6.0 | 2.9 | 27.3 \% |


| SS15_032 | 40 | 6.6 | 3.2 | $30.7 \%$ |
| :--- | :--- | :--- | :--- | :--- |
| SS15_033 | 32 | 4.1 | 2.8 | $44.5 \%$ |
| SS15_034 | 37 | 4.0 | 2.6 | $42.1 \%$ |
| SS15_035 | 31 | 4.4 | 2.8 | $41.6 \%$ |
| SS15_036 | 33 | 4.7 | 2.9 | $35.2 \%$ |
| SS15_037 | 32 | 6.6 | 3.4 | $27.3 \%$ |
| SS15_038 | 41 | 4.2 | 2.9 | $36.4 \%$ |
| SS15_039 | 36 | 5.1 | 3.0 | $52.6 \%$ |
| SS15_040 | 44 | 5.1 | 3.0 | $32.1 \%$ |
| SS15_041 | 30 | 4.3 | 2.9 | $50.0 \%$ |
| SS15_042 | 27 | 4.3 | 3.2 | $45.9 \%$ |
| SS15_043 | 33 | 5.1 | 3.0 | $55.1 \%$ |
| SS15_044 | 30 | 4.9 | 2.9 | $50.3 \%$ |
| SS15_045 | 26 | 4.9 | 2.9 | $53.1 \%$ |
| SS15_046 | 27 | 4.7 | 3.0 | $46.0 \%$ |
| SS15_047 | 26 | 3.8 | 2.7 | $43.5 \%$ |
| SS15_048 | 22 | 5.0 | 3.1 | $53.1 \%$ |
| SS15_049 | 22 | 4.7 | 3.1 | $45.9 \%$ |
| SS15_050 | 13 | 4.3 | 3.2 | $52.1 \%$ |
| SS15_051 | 16 | 4.8 | 3.1 | $51.3 \%$ |
| SS15_052 | 16 |  | 5.5 | 3.2 |

## Target Statistics

| Cluster/Scan | Connections | Max. <br> Dist. <br> [mm] | Mean <br> Dist. <br> $[\mathbf{m m}]$ | Max. <br> Hor. <br> $[\mathbf{m m}]$ | Mean <br> Hor. <br> $[\mathbf{m m}]$ | Max. <br> Vert. <br> $[m m]$ | Mean <br> Vert. <br> $[\mathbf{m m}]$ | Max. <br> Angle <br> $[d e g]$ | Mean <br> Angle <br> [deg] |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| SS15_000 | 20 | 37.5 | 12.0 | 37.5 | 11.5 | 6.0 | 2.4 | - | - |
| SS15_001 | 25 | 23.6 | 8.7 | 18.3 | 7.6 | 23.2 | 2.8 | - | - |
| SS15_002 | 28 | 48.6 | 9.5 | 48.5 | 9.0 | 6.9 | 2.0 | - | - |
| SS15_003 | 20 | 50.6 | 10.5 | 44.5 | 9.5 | 24.2 | 3.2 | - | - |
| SS15_004 | 30 | 50.6 | 9.2 | 44.5 | 8.6 | 24.2 | 2.4 | - | - |
| SS15_005 | 39 | 35.9 | 13.0 | 35.8 | 11.9 | 13.6 | 3.7 | - | - |
| SS15_006 | 25 | 37.5 | 9.2 | 37.5 | 8.7 | 8.6 | 2.0 | - | - |
| SS15_007 | 39 | 64.9 | 9.5 | 64.9 | 8.9 | 18.5 | 2.2 | - | - |
| SS15_008 | 38 | 63.0 | 9.2 | 62.9 | 8.6 | 18.2 | 2.4 | - | - |
| SS15_009 | 28 | 72.3 | 12.8 | 72.2 | 12.5 | 4.8 | 1.7 | - | - |
| SS15_010 | 35 | 54.1 | 11.6 | 53.9 | 10.9 | 9.0 | 2.7 | - | - |


| SS15_011 | 45 | 34.7 | 8.8 | 34.6 | 7.8 | 18.0 | 2.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_012 | 23 | 23.6 | 11.8 | 22.5 | 10.2 | 23.2 | 4.4 |
| SS15_013 | 31 | 36.5 | 11.0 | 36.3 | 9.9 | 13.5 | 3.6 |
| SS15_014 | 13 | 57.3 | 19.7 | 57.3 | 19.2 | 10.8 | 2.9 |
| SS15_015 | 34 | 36.7 | 12.0 | 36.6 | 11.5 | 12.2 | 2.1 |
| SS15_016 | 44 | 36.1 | 10.5 | 35.6 | 10.0 | 10.0 | 2.3 |
| SS15_017 | 43 | 57.3 | 10.3 | 57.3 | 9.6 | 12.2 | 2.2 |
| SS15_018 | 35 | 37.5 | 9.9 | 36.8 | 9.4 | 8.6 | 2.5 |
| SS15_019 | 45 | 31.8 | 8.4 | 31.8 | 7.7 | 9.0 | 2.5 |
| SS15_020 | 46 | 49.4 | 10.1 | 49.4 | 9.4 | 10.4 | 2.4 |
| SS15_021 | 41 | 35.8 | 11.6 | 34.6 | 10.8 | 12.9 | 3.4 |
| SS15_022 | 42 | 72.3 | 10.4 | 72.2 | 9.9 | 21.2 | 2.1 |
| SS15_023 | 42 | 56.5 | 9.1 | 56.4 | 8.5 | 10.1 | 2.3 |
| SS15_024 | 46 | 43.7 | 8.5 | 43.6 | 8.0 | 10.4 | 2.2 |
| SS15_025 | 47 | 42.3 | 8.6 | 42.1 | 7.9 | 15.8 | 2.4 |
| SS15_026 | 41 | 26.1 | 8.8 | 26.0 | 7.9 | 13.1 | 3.2 |
| SS15_027 | 46 | 26.4 | 9.2 | 24.2 | 8.2 | 11.3 | 3.1 |
| SS15_028 | 45 | 26.1 | 9.8 | 25.6 | 9.2 | 11.5 | 2.6 |
| SS15_029 | 47 | 30.7 | 9.8 | 30.5 | 9.1 | 15.1 | 2.6 |
| SS15_030 | 42 | 35.5 | 9.4 | 35.0 | 8.5 | 11.9 | 3.3 |
| SS15_031 | 39 | 31.0 | 9.1 | 30.0 | 8.4 | 16.1 | 2.5 |
| SS15_032 | 46 | 38.1 | 9.7 | 36.5 | 8.9 | 17.8 | 2.9 |
| SS15_033 | 39 | 19.0 | 10.7 | 18.9 | 9.9 | 12.2 | 2.7 |
| SS15_034 | 42 | 26.1 | 11.1 | 25.6 | 10.5 | 10.5 | 2.7 |
| SS15_035 | 34 | 19.3 | 8.9 | 16.2 | 7.9 | 10.4 | 3.3 |
| SS15_036 | 38 | 20.2 | 9.2 | 17.2 | 8.1 | 11.9 | 3.6 |
| SS15_037 | 28 | 38.1 | 11.3 | 36.5 | 9.6 | 13.5 | 5.1 |
| SS15_038 | 44 | 21.7 | 10.4 | 21.3 | 9.9 | 7.3 | 2.2 |
| SS15_039 | 42 | 29.7 | 11.1 | 28.8 | 10.2 | 9.5 | 3.4 |
| SS15_040 | 43 | 22.6 | 10.3 | 18.0 | 9.5 | 13.6 | 3.2 |
| SS15_041 | 45 | 35.9 | 11.7 | 35.8 | 11.0 | 9.6 | 3.0 |
| SS15_042 | 35 | 22.5 | 11.4 | 22.4 | 10.8 | 9.6 | 2.7 |
| SS15_043 | 43 | 33.5 | 10.4 | 32.2 | 9.7 | 13.0 | 2.6 |
| SS15_044 | 41 | 39.8 | 10.7 | 37.5 | 9.7 | 13.7 | 3.5 |
| SS15_045 | 37 | 29.9 | 10.6 | 29.9 | 9.6 | 11.5 | 3.3 |
| SS15_046 | 37 | 59.4 | 12.3 | 59.3 | 11.5 | 15.8 | 3.2 |
| SS15_047 | 37 | 48.6 | 10.3 | 48.5 | 9.1 | 20.4 | 3.6 |
| SS15_048 | 25 | 64.7 | 9.1 | 64.5 | 8.2 | 20.7 | 2.9 |
| SS15_049 | 28 | 28.2 | 12.6 | 20.2 | 11.0 | 21.2 | 5.0 |
| SS15_050 | 12 | 33.5 | 12.8 | 32.2 | 11.9 | 10.3 | 4.1 |


| SS15_051 | 19 | 64.7 | 10.5 | 64.5 | 9.5 | 9.8 | 3.8 | - | - |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| SS15_052 | 23 | 22.3 | 9.9 | 22.2 | 9.1 | 11.2 | 3.4 | - | - |
| SS15_053 | 18 | 69.5 | 11.2 | 69.4 | 10.6 | 13.4 | 3.0 | - | - |
| SS15_054 | 20 | 35.8 | 10.6 | 34.6 | 9.6 | 14.1 | 3.8 | - | - |

## Detailed Errors

## Scan Point Statistics

| Cluster/Scan 1 | Cluster/Scan 2 | Point Error [mm] | Overlap |
| :---: | :---: | :---: | :---: |
| SS15_000 | SS15_012 | 2.2 | 60.0 \% |
| SS15_000 | SS15_002 | 2.4 | 63.1 \% |
| SS15_000 | SS15_004 | 3.0 | 54.5 \% |
| SS15_000 | SS15_001 | 1.9 | 70.4 \% |
| SS15_000 | SS15_006 | 3.0 | 52.2 \% |
| SS15_000 | SS15_013 | 3.2 | 48.7 \% |
| SS15_000 | SS15_033 | 2.9 | 54.5 \% |
| SS15_000 | SS15_034 | 3.6 | 46.8 \% |
| SS15_000 | SS15_016 | 4.0 | 37.8 \% |
| SS15_000 | SS15_025 | 4.2 | 27.7 \% |
| SS15_001 | SS15_034 | 2.5 | 67.7 \% |
| SS15_002 | SS15_001 | 1.5 | 94.3 \% |
| SS15_002 | SS15_034 | 2.0 | 75.1 \% |
| SS15_002 | SS15_033 | 1.9 | 84.5 \% |
| SS15_002 | SS15_019 | 2.7 | 60.2 \% |
| SS15_002 | SS15_028 | 3.4 | 43.4 \% |
| SS15_002 | SS15_017 | 3.3 | 63.3 \% |
| SS15_003 | SS15_000 | 2.3 | 67.7 \% |
| SS15_003 | SS15_001 | 1.6 | 87.5 \% |
| SS15_003 | SS15_002 | 1.4 | 95.2 \% |
| SS15_003 | SS15_004 | 1.6 | 92.8 \% |
| SS15_003 | SS15_034 | 2.3 | 66.7 \% |
| SS15_003 | SS15_033 | 1.8 | 83.4 \% |
| SS15_003 | SS15_016 | 3.1 | 55.7 \% |
| SS15_003 | SS15_035 | 2.6 | 63.3 \% |
| SS15_003 | SS15_019 | 3.1 | 53.3 \% |
| SS15_003 | SS15_025 | 3.7 | 44.2 \% |
| SS15_003 | SS15_036 | 2.7 | 62.3 \% |
| SS15_003 | SS15_037 | 3.0 | 64.0 \% |
| SS15_003 | SS15_023 | 4.0 | 42.4 \% |
| SS15_003 | SS15_028 | 4.3 | 38.1 \% |
| SS15_003 | SS15_039 | 3.7 | 52.6 \% |
| SS15_003 | SS15_024 | 4.3 | 44.3 \% |


| SS15_003 | SS15_017 | 3.7 | 61.7 \% |
| :---: | :---: | :---: | :---: |
| SS15_003 | SS15_006 | 2.0 | 68.1 \% |
| SS15_003 | SS15_013 | 2.6 | 63.1 \% |
| SS15_003 | SS15_012 | 2.2 | 65.8 \% |
| SS15_004 | SS15_001 | 2.0 | 73.7 \% |
| SS15_004 | SS15_002 | 1.4 | 94.1 \% |
| SS15_004 | SS15_034 | 1.7 | 86.5 \% |
| SS15_004 | SS15_033 | 1.9 | 89.3 \% |
| SS15_004 | SS15_036 | 2.2 | 76.5 \% |
| SS15_004 | SS15_016 | 2.5 | 71.5 \% |
| SS15_004 | SS15_037 | 2.7 | 73.5 \% |
| SS15_004 | SS15_019 | 2.3 | 69.4 \% |
| SS15_004 | SS15_025 | 2.6 | 61.9 \% |
| SS15_004 | SS15_028 | 2.9 | 54.8 \% |
| SS15_004 | SS15_022 | 3.3 | 55.4 \% |
| SS15_004 | SS15_006 | 1.7 | 80.0 \% |
| SS15_004 | SS15_017 | 3.0 | 64.9 \% |
| SS15_004 | SS15_014 | 4.3 | 41.9 \% |
| SS15_004 | SS15_012 | 2.3 | 79.8 \% |
| SS15_005 | SS15_000 | 3.5 | 54.6 \% |
| SS15_005 | SS15_001 | 2.5 | 75.0 \% |
| SS15_005 | SS15_002 | 1.9 | 84.8 \% |
| SS15_005 | SS15_003 | 2.0 | 85.1 \% |
| SS15_005 | SS15_004 | 1.6 | 91.8 \% |
| SS15_005 | SS15_034 | 2.1 | 72.8 \% |
| SS15_005 | SS15_033 | 2.7 | 72.2 \% |
| SS15_005 | SS15_025 | 2.9 | 54.3 \% |
| SS15_005 | SS15_016 | 3.2 | 59.0 \% |
| SS15_005 | SS15_019 | 2.8 | 60.7 \% |
| SS15_005 | SS15_023 | 3.3 | 53.1 \% |
| SS15_005 | SS15_035 | 3.0 | 63.0 \% |
| SS15_005 | SS15_036 | 3.0 | 65.1 \% |
| SS15_005 | SS15_028 | 3.2 | 51.3 \% |
| SS15_005 | SS15_018 | 3.3 | 67.9 \% |
| SS15_005 | SS15_037 | 3.3 | 66.9 \% |
| SS15_005 | SS15_039 | 3.0 | 62.3 \% |
| SS15_005 | SS15_024 | 3.3 | 55.5 \% |
| SS15_005 | SS15_007 | 4.0 | 44.6 \% |
| SS15_005 | SS15_008 | 4.0 | 40.0 \% |
| SS15_005 | SS15_022 | 3.5 | 51.8 \% |


| SS15_005 | SS15_029 | 4.0 | 40.5 \% |
| :---: | :---: | :---: | :---: |
| SS15_005 | SS15_032 | 4.1 | 38.8 \% |
| SS15_005 | SS15_017 | 3.4 | 66.2 \% |
| SS15_005 | SS15_006 | 1.7 | 73.1 \% |
| SS15_005 | SS15_013 | 3.3 | 61.6 \% |
| SS15_005 | SS15_012 | 3.2 | 61.7 \% |
| SS15_006 | SS15_001 | 2.6 | 61.3 \% |
| SS15_006 | SS15_002 | 1.8 | 70.8 \% |
| SS15_006 | SS15_034 | 2.0 | 72.2 \% |
| SS15_006 | SS15_033 | 2.4 | 63.9 \% |
| SS15_006 | SS15_016 | 3.6 | 56.6 \% |
| SS15_006 | SS15_017 | 3.7 | 56.1 \% |
| SS15_006 | SS15_028 | 3.0 | 58.6 \% |
| SS15_006 | SS15_012 | 3.0 | 61.5 \% |
| SS15_007 | SS15_004 | 3.8 | 47.7 \% |
| SS15_007 | SS15_008 | 1.4 | 91.7 \% |
| SS15_007 | SS15_023 | 1.8 | 84.5 \% |
| SS15_007 | SS15_022 | 2.4 | 85.2 \% |
| SS15_007 | SS15_024 | 2.5 | 83.7 \% |
| SS15_007 | SS15_025 | 2.3 | 79.6 \% |
| SS15_007 | SS15_026 | 2.5 | 79.5 \% |
| SS15_007 | SS15_019 | 2.9 | 70.4 \% |
| SS15_007 | SS15_016 | 3.8 | 59.7 \% |
| SS15_007 | SS15_028 | 2.5 | 74.8 \% |
| SS15_007 | SS15_035 | 4.4 | 41.6 \% |
| SS15_007 | SS15_036 | 4.1 | 58.8 \% |
| SS15_007 | SS15_037 | 4.6 | 59.2 \% |
| SS15_007 | SS15_034 | 3.3 | 58.6 \% |
| SS15_007 | SS15_033 | 4.1 | 44.5 \% |
| SS15_007 | SS15_031 | 2.3 | 86.4 \% |
| SS15_007 | SS15_029 | 2.5 | 81.4 \% |
| SS15_007 | SS15_032 | 2.7 | 81.1 \% |
| SS15_007 | SS15_042 | 3.3 | 75.7 \% |
| SS15_007 | SS15_044 | 3.2 | 76.8 \% |
| SS15_007 | SS15_043 | 3.0 | 77.4 \% |
| SS15_007 | SS15_045 | 3.6 | 75.9 \% |
| SS15_007 | SS15_047 | 3.4 | 60.0 \% |
| SS15_007 | SS15_054 | 3.2 | 66.8 \% |
| SS15_007 | SS15_017 | 2.8 | 62.8 \% |
| SS15_007 | SS15_053 | 4.0 | 43.7 \% |


| SS15_007 | SS15_052 | 5.5 | 53.6 \% |
| :---: | :---: | :---: | :---: |
| SS15_007 | SS15_041 | 3.0 | 71.3 \% |
| SS15_008 | SS15_028 | 2.5 | 74.2 \% |
| SS15_008 | SS15_031 | 2.0 | 89.3 \% |
| SS15_008 | SS15_034 | 3.5 | 53.6 \% |
| SS15_008 | SS15_032 | 2.4 | 84.1 \% |
| SS15_008 | SS15_045 | 3.1 | 80.9 \% |
| SS15_008 | SS15_043 | 2.6 | 81.3 \% |
| SS15_008 | SS15_054 | 2.7 | 69.9 \% |
| SS15_009 | SS15_007 | 1.5 | 90.7 \% |
| SS15_009 | SS15_008 | 1.5 | 89.9 \% |
| SS15_009 | SS15_011 | 1.9 | 84.8 \% |
| SS15_009 | SS15_023 | 2.0 | 78.6 \% |
| SS15_009 | SS15_022 | 2.5 | 77.2 \% |
| SS15_009 | SS15_024 | 2.7 | 75.1 \% |
| SS15_009 | SS15_025 | 2.6 | 75.8 \% |
| SS15_009 | SS15_026 | 2.5 | 63.7 \% |
| SS15_009 | SS15_027 | 3.4 | 67.1 \% |
| SS15_009 | SS15_019 | 4.1 | 44.9 \% |
| SS15_009 | SS15_018 | 4.8 | 58.1 \% |
| SS15_009 | SS15_039 | 3.9 | 53.6 \% |
| SS15_009 | SS15_028 | 2.8 | 53.4 \% |
| SS15_009 | SS15_010 | 1.4 | 65.7 \% |
| SS15_009 | SS15_040 | 3.8 | 40.8 \% |
| SS15_009 | SS15_030 | 2.5 | 66.4 \% |
| SS15_009 | SS15_031 | 2.4 | 68.0 \% |
| SS15_009 | SS15_029 | 2.8 | 59.5 \% |
| SS15_009 | SS15_032 | 2.8 | 58.4 \% |
| SS15_009 | SS15_043 | 3.3 | 55.7 \% |
| SS15_009 | SS15_044 | 3.5 | 54.6 \% |
| SS15_009 | SS15_046 | 2.8 | 55.1 \% |
| SS15_009 | SS15_042 | 3.4 | 63.6 \% |
| SS15_009 | SS15_045 | 3.9 | 54.9 \% |
| SS15_009 | SS15_047 | 3.6 | 59.8 \% |
| SS15_009 | SS15_021 | 2.2 | 50.1 \% |
| SS15_009 | SS15_017 | 3.1 | 57.2 \% |
| SS15_009 | SS15_041 | 3.3 | 50.2 \% |
| SS15_010 | SS15_007 | 1.7 | 86.3 \% |
| SS15_010 | SS15_008 | 1.6 | 87.1 \% |
| SS15_010 | SS15_011 | 1.8 | 83.7 \% |


| SS15_010 | SS15_023 | 2.1 | 78.1 \% |
| :---: | :---: | :---: | :---: |
| SS15_010 | SS15_022 | 2.6 | 69.4 \% |
| SS15_010 | SS15_025 | 2.5 | 70.9 \% |
| SS15_010 | SS15_024 | 2.7 | 63.8 \% |
| SS15_010 | SS15_028 | 2.9 | 67.0 \% |
| SS15_010 | SS15_026 | 2.8 | 52.0 \% |
| SS15_010 | SS15_027 | 3.7 | 56.4 \% |
| SS15_010 | SS15_040 | 3.7 | 49.9 \% |
| SS15_010 | SS15_046 | 2.4 | 73.8 \% |
| SS15_010 | SS15_044 | 2.9 | 67.9 \% |
| SS15_010 | SS15_032 | 2.9 | 65.6 \% |
| SS15_010 | SS15_031 | 2.5 | 71.6 \% |
| SS15_010 | SS15_029 | 2.9 | 64.7 \% |
| SS15_010 | SS15_043 | 3.1 | 64.4 \% |
| SS15_010 | SS15_030 | 2.6 | 67.9 \% |
| SS15_010 | SS15_045 | 3.1 | 67.1 \% |
| SS15_010 | SS15_047 | 3.1 | 63.9 \% |
| SS15_010 | SS15_042 | 3.6 | 60.0 \% |
| SS15_010 | SS15_048 | 4.1 | 57.5 \% |
| SS15_010 | SS15_054 | 2.5 | 67.6 \% |
| SS15_010 | SS15_021 | 2.3 | 70.4 \% |
| SS15_010 | SS15_017 | 2.7 | 60.3 \% |
| SS15_010 | SS15_049 | 4.2 | 51.8 \% |
| SS15_010 | SS15_041 | 3.4 | 57.1 \% |
| SS15_011 | SS15_001 | 4.2 | 35.5 \% |
| SS15_011 | SS15_002 | 3.6 | 41.4 \% |
| SS15_011 | SS15_003 | 4.0 | 36.6 \% |
| SS15_011 | SS15_004 | 3.1 | 52.7 \% |
| SS15_011 | SS15_005 | 3.4 | 47.4 \% |
| SS15_011 | SS15_006 | 3.2 | 60.4 \% |
| SS15_011 | SS15_007 | 1.8 | 84.1 \% |
| SS15_011 | SS15_008 | 1.9 | 81.5 \% |
| SS15_011 | SS15_023 | 1.7 | 91.5 \% |
| SS15_011 | SS15_022 | 1.7 | 89.8 \% |
| SS15_011 | SS15_024 | 1.9 | 89.0 \% |
| SS15_011 | SS15_025 | 1.9 | 81.9 \% |
| SS15_011 | SS15_026 | 2.2 | 85.3 \% |
| SS15_011 | SS15_019 | 2.3 | 78.5 \% |
| SS15_011 | SS15_016 | 3.2 | 68.2 \% |
| SS15_011 | SS15_018 | 3.5 | 74.1 \% |


| SS15_011 | SS15_039 | 2.7 | 79.1 \% |
| :---: | :---: | :---: | :---: |
| SS15_011 | SS15_028 | 2.2 | 81.8 \% |
| SS15_011 | SS15_035 | 3.6 | 44.2 \% |
| SS15_011 | SS15_036 | 3.2 | 67.3 \% |
| SS15_011 | SS15_037 | 3.7 | 67.6 \% |
| SS15_011 | SS15_034 | 2.7 | 62.3 \% |
| SS15_011 | SS15_033 | 3.7 | 47.6 \% |
| SS15_011 | SS15_031 | 2.4 | 84.6 \% |
| SS15_011 | SS15_029 | 2.4 | 82.4 \% |
| SS15_011 | SS15_032 | 2.5 | 81.8 \% |
| SS15_011 | SS15_042 | 3.1 | 75.6 \% |
| SS15_011 | SS15_044 | 3.0 | 75.7 \% |
| SS15_011 | SS15_043 | 2.8 | 77.4 \% |
| SS15_011 | SS15_045 | 3.4 | 72.9 \% |
| SS15_011 | SS15_047 | 3.3 | 54.2 \% |
| SS15_011 | SS15_054 | 3.6 | 64.7 \% |
| SS15_011 | SS15_021 | 1.9 | 83.1 \% |
| SS15_011 | SS15_017 | 2.4 | 65.2 \% |
| SS15_011 | SS15_053 | 3.9 | 39.2 \% |
| SS15_011 | SS15_052 | 4.9 | 52.4 \% |
| SS15_011 | SS15_051 | 4.8 | 51.3 \% |
| SS15_011 | SS15_014 | 4.4 | 30.4 \% |
| SS15_011 | SS15_013 | 3.7 | 59.1 \% |
| SS15_011 | SS15_049 | 4.1 | 61.9 \% |
| SS15_011 | SS15_041 | 2.7 | 74.2 \% |
| SS15_011 | SS15_012 | 4.3 | 52.3 \% |
| SS15_012 | SS15_001 | 1.6 | 68.3 \% |
| SS15_012 | SS15_002 | 2.0 | 73.1 \% |
| SS15_012 | SS15_033 | 1.8 | 73.1 \% |
| SS15_012 | SS15_014 | 3.2 | 51.9 \% |
| SS15_012 | SS15_034 | 2.5 | 72.5 \% |
| SS15_012 | SS15_017 | 3.5 | 61.6 \% |
| SS15_012 | SS15_019 | 3.7 | 59.1 \% |
| SS15_013 | SS15_001 | 2.1 | 65.7 \% |
| SS15_013 | SS15_002 | 2.3 | 70.6 \% |
| SS15_013 | SS15_004 | 2.3 | 78.3 \% |
| SS15_013 | SS15_006 | 3.4 | 61.8 \% |
| SS15_013 | SS15_012 | 1.6 | 85.5 \% |
| SS15_013 | SS15_014 | 2.3 | 61.0 \% |
| SS15_013 | SS15_033 | 1.8 | 76.7 \% |


| SS15_013 | SS15_035 | 2.0 | 65.9 \% |
| :---: | :---: | :---: | :---: |
| SS15_013 | SS15_016 | 1.9 | 83.3 \% |
| SS15_013 | SS15_036 | 2.2 | 59.3 \% |
| SS15_013 | SS15_034 | 2.3 | 76.4 \% |
| SS15_013 | SS15_037 | 2.8 | 45.2 \% |
| SS15_013 | SS15_017 | 2.6 | 72.3 \% |
| SS15_013 | SS15_019 | 2.8 | 69.3 \% |
| SS15_013 | SS15_025 | 3.5 | 66.2 \% |
| SS15_014 | SS15_002 | 4.3 | 42.7 \% |
| SS15_014 | SS15_017 | 3.7 | 51.1 \% |
| SS15_014 | SS15_033 | 3.5 | 47.2 \% |
| SS15_014 | SS15_034 | 4.0 | 42.1 \% |
| SS15_014 | SS15_019 | 4.0 | 46.2 \% |
| SS15_015 | SS15_001 | 3.1 | 54.3 \% |
| SS15_015 | SS15_002 | 3.1 | 60.2 \% |
| SS15_015 | SS15_004 | 3.0 | 67.9 \% |
| SS15_015 | SS15_005 | 4.0 | 55.6 \% |
| SS15_015 | SS15_007 | 4.3 | 53.7 \% |
| SS15_015 | SS15_011 | 3.8 | 60.9 \% |
| SS15_015 | SS15_012 | 2.7 | 65.5 \% |
| SS15_015 | SS15_013 | 1.6 | 89.4 \% |
| SS15_015 | SS15_014 | 1.6 | 79.0 \% |
| SS15_015 | SS15_016 | 1.6 | 91.3 \% |
| SS15_015 | SS15_020 | 2.0 | 86.4 \% |
| SS15_015 | SS15_017 | 2.3 | 80.7 \% |
| SS15_015 | SS15_035 | 2.4 | 61.3 \% |
| SS15_015 | SS15_033 | 2.5 | 65.6 \% |
| SS15_015 | SS15_021 | 3.1 | 64.9 \% |
| SS15_015 | SS15_019 | 2.8 | 68.9 \% |
| SS15_015 | SS15_034 | 3.0 | 68.3 \% |
| SS15_015 | SS15_036 | 2.4 | 53.1 \% |
| SS15_015 | SS15_023 | 3.6 | 65.3 \% |
| SS15_015 | SS15_025 | 3.9 | 65.6 \% |
| SS15_015 | SS15_018 | 3.1 | 47.2 \% |
| SS15_015 | SS15_024 | 4.0 | 52.8 \% |
| SS15_016 | SS15_001 | 3.0 | 56.2 \% |
| SS15_016 | SS15_002 | 2.6 | 62.9 \% |
| SS15_016 | SS15_012 | 2.6 | 71.1 \% |
| SS15_016 | SS15_014 | 2.5 | 60.6 \% |
| SS15_016 | SS15_019 | 2.0 | 82.1 \% |


| SS15_016 | SS15_022 | 3.5 | 57.9 \% |
| :---: | :---: | :---: | :---: |
| SS15_016 | SS15_028 | 3.6 | 47.6 \% |
| SS15_016 | SS15_033 | 2.2 | 69.9 \% |
| SS15_016 | SS15_034 | 2.4 | 72.8 \% |
| SS15_016 | SS15_017 | 1.7 | 84.8 \% |
| SS15_017 | SS15_001 | 3.9 | 62.7 \% |
| SS15_017 | SS15_008 | 3.1 | 57.1 \% |
| SS15_017 | SS15_019 | 1.9 | 80.5 \% |
| SS15_017 | SS15_022 | 2.0 | 77.5 \% |
| SS15_017 | SS15_034 | 2.5 | 69.8 \% |
| SS15_017 | SS15_033 | 2.9 | 69.0 \% |
| SS15_017 | SS15_028 | 3.0 | 54.7 \% |
| SS15_017 | SS15_026 | 2.9 | 58.8 \% |
| SS15_017 | SS15_032 | 3.6 | 47.6 \% |
| SS15_018 | SS15_001 | 3.6 | 63.1 \% |
| SS15_018 | SS15_002 | 3.1 | 67.2 \% |
| SS15_018 | SS15_004 | 2.8 | 73.5 \% |
| SS15_018 | SS15_007 | 4.2 | 68.6 \% |
| SS15_018 | SS15_008 | 4.7 | 61.0 \% |
| SS15_018 | SS15_013 | 3.0 | 48.2 \% |
| SS15_018 | SS15_016 | 2.1 | 84.5 \% |
| SS15_018 | SS15_017 | 2.0 | 85.0 \% |
| SS15_018 | SS15_019 | 2.0 | 63.4 \% |
| SS15_018 | SS15_024 | 2.5 | 85.6 \% |
| SS15_018 | SS15_025 | 2.9 | 86.6 \% |
| SS15_018 | SS15_023 | 2.9 | 80.7 \% |
| SS15_018 | SS15_022 | 3.1 | 79.5 \% |
| SS15_018 | SS15_026 | 3.6 | 73.8 \% |
| SS15_018 | SS15_039 | 2.9 | 63.4 \% |
| SS15_018 | SS15_028 | 3.5 | 41.9 \% |
| SS15_018 | SS15_036 | 2.2 | 70.3 \% |
| SS15_018 | SS15_035 | 2.5 | 83.0 \% |
| SS15_018 | SS15_037 | 2.4 | 74.7 \% |
| SS15_018 | SS15_034 | 2.6 | 52.5 \% |
| SS15_018 | SS15_033 | 2.9 | 75.8 \% |
| SS15_018 | SS15_031 | 4.7 | 38.0 \% |
| SS15_018 | SS15_029 | 5.0 | 34.7 \% |
| SS15_018 | SS15_032 | 5.0 | 31.9 \% |
| SS15_018 | SS15_021 | 2.5 | 43.9 \% |
| SS15_019 | SS15_001 | 3.5 | 54.1 \% |


| SS15_019 | SS15_008 | 3.2 | 63.5 \% |
| :---: | :---: | :---: | :---: |
| SS15_019 | SS15_022 | 2.5 | 69.9 \% |
| SS15_019 | SS15_026 | 2.7 | 63.8 \% |
| SS15_019 | SS15_028 | 2.8 | 71.2 \% |
| SS15_019 | SS15_034 | 2.1 | 75.1 \% |
| SS15_019 | SS15_033 | 2.6 | 69.9 \% |
| SS15_019 | SS15_032 | 3.6 | 50.4 \% |
| SS15_020 | SS15_000 | 4.1 | 36.8 \% |
| SS15_020 | SS15_001 | 3.2 | 56.1 \% |
| SS15_020 | SS15_002 | 2.6 | 63.1 \% |
| SS15_020 | SS15_003 | 3.1 | 55.6 \% |
| SS15_020 | SS15_004 | 2.3 | 72.2 \% |
| SS15_020 | SS15_005 | 2.8 | 60.8 \% |
| SS15_020 | SS15_006 | 3.3 | 59.1 \% |
| SS15_020 | SS15_007 | 3.3 | 64.3 \% |
| SS15_020 | SS15_008 | 3.5 | 50.8 \% |
| SS15_020 | SS15_011 | 2.7 | 60.5 \% |
| SS15_020 | SS15_012 | 3.3 | 69.0 \% |
| SS15_020 | SS15_013 | 2.4 | 81.2 \% |
| SS15_020 | SS15_014 | 3.3 | 54.9 \% |
| SS15_020 | SS15_016 | 1.6 | 92.2 \% |
| SS15_020 | SS15_017 | 1.7 | 85.6 \% |
| SS15_020 | SS15_018 | 2.2 | 90.2 \% |
| SS15_020 | SS15_019 | 1.7 | 86.7 \% |
| SS15_020 | SS15_025 | 2.2 | 79.3 \% |
| SS15_020 | SS15_023 | 2.3 | 71.8 \% |
| SS15_020 | SS15_024 | 2.3 | 73.8 \% |
| SS15_020 | SS15_022 | 2.3 | 72.3 \% |
| SS15_020 | SS15_026 | 3.0 | 56.7 \% |
| SS15_020 | SS15_039 | 2.5 | 70.6 \% |
| SS15_020 | SS15_028 | 3.3 | 53.3 \% |
| SS15_020 | SS15_036 | 2.1 | 86.1 \% |
| SS15_020 | SS15_035 | 2.2 | 68.4 \% |
| SS15_020 | SS15_037 | 2.7 | 79.5 \% |
| SS15_020 | SS15_034 | 2.1 | 76.4 \% |
| SS15_020 | SS15_033 | 2.4 | 70.7 \% |
| SS15_020 | SS15_021 | 2.0 | 80.1 \% |
| SS15_021 | SS15_004 | 3.2 | 60.8 \% |
| SS15_021 | SS15_007 | 2.1 | 78.5 \% |
| SS15_021 | SS15_008 | 2.4 | 73.3 \% |


| SS15_021 | SS15_013 | 3.2 | 63.2 \% |
| :---: | :---: | :---: | :---: |
| SS15_021 | SS15_014 | 4.0 | 46.5 \% |
| SS15_021 | SS15_016 | 2.2 | 78.1 \% |
| SS15_021 | SS15_017 | 1.7 | 87.3 \% |
| SS15_021 | SS15_019 | 1.9 | 67.5 \% |
| SS15_021 | SS15_023 | 1.7 | 83.2 \% |
| SS15_021 | SS15_025 | 2.0 | 78.3 \% |
| SS15_021 | SS15_022 | 1.9 | 70.1 \% |
| SS15_021 | SS15_024 | 2.0 | 65.7 \% |
| SS15_021 | SS15_034 | 2.9 | 67.4 \% |
| SS15_021 | SS15_035 | 3.1 | 53.3 \% |
| SS15_021 | SS15_036 | 2.9 | 45.1 \% |
| SS15_021 | SS15_028 | 2.9 | 62.7 \% |
| SS15_021 | SS15_032 | 3.4 | 61.8 \% |
| SS15_021 | SS15_029 | 3.6 | 60.1 \% |
| SS15_021 | SS15_033 | 3.7 | 57.5 \% |
| SS15_021 | SS15_043 | 4.0 | 56.0 \% |
| SS15_021 | SS15_039 | 2.5 | 53.6 \% |
| SS15_022 | SS15_008 | 2.6 | 81.7 \% |
| SS15_022 | SS15_028 | 2.6 | 62.4 \% |
| SS15_022 | SS15_034 | 2.8 | 67.9 \% |
| SS15_022 | SS15_032 | 3.4 | 60.7 \% |
| SS15_022 | SS15_031 | 3.2 | 68.0 \% |
| SS15_022 | SS15_043 | 4.0 | 55.8 \% |
| SS15_023 | SS15_001 | 4.3 | 41.4 \% |
| SS15_023 | SS15_002 | 3.7 | 47.6 \% |
| SS15_023 | SS15_004 | 3.1 | 57.9 \% |
| SS15_023 | SS15_006 | 3.4 | 56.3 \% |
| SS15_023 | SS15_008 | 2.1 | 80.1 \% |
| SS15_023 | SS15_012 | 4.2 | 53.7 \% |
| SS15_023 | SS15_013 | 3.5 | 62.3 \% |
| SS15_023 | SS15_014 | 4.3 | 37.5 \% |
| SS15_023 | SS15_016 | 2.9 | 71.0 \% |
| SS15_023 | SS15_017 | 2.0 | 76.0 \% |
| SS15_023 | SS15_019 | 2.0 | 79.9 \% |
| SS15_023 | SS15_022 | 1.9 | 80.1 \% |
| SS15_023 | SS15_024 | 1.9 | 91.4 \% |
| SS15_023 | SS15_025 | 1.6 | 88.5 \% |
| SS15_023 | SS15_026 | 2.2 | 79.1 \% |
| SS15_023 | SS15_028 | 2.3 | 73.0 \% |


| SS15 023 | SS15 036 | 3.2 | 71.2 \% |
| :---: | :---: | :---: | :---: |
| SS15_023 | SS15_035 | 3.3 | 53.3 \% |
| SS15_023 | SS15_037 | 3.4 | 70.9 \% |
| SS15_023 | SS15_034 | 2.6 | 68.4 \% |
| SS15_023 | SS15_033 | 3.6 | 55.4 \% |
| SS15_023 | SS15_031 | 2.9 | 74.5 \% |
| SS15_023 | SS15_029 | 2.8 | 72.2 \% |
| SS15_023 | SS15_032 | 2.9 | 71.2 \% |
| SS15_023 | SS15_042 | 3.6 | 67.1 \% |
| SS15_023 | SS15_044 | 3.7 | 64.5 \% |
| SS15_023 | SS15_043 | 3.5 | 66.7 \% |
| SS15_023 | SS15_045 | 4.2 | 62.2 \% |
| SS15_023 | SS15_047 | 3.6 | 49.3 \% |
| SS15_023 | SS15_054 | 3.7 | 57.1 \% |
| SS15_023 | SS15_041 | 3.2 | 64.6 \% |
| SS15_024 | SS15_001 | 4.6 | 45.4 \% |
| SS15_024 | SS15_004 | 3.2 | 58.8 \% |
| SS15_024 | SS15_008 | 2.7 | 79.6 \% |
| SS15_024 | SS15_016 | 3.1 | 59.8 \% |
| SS15_024 | SS15_017 | 2.1 | 76.1 \% |
| SS15_024 | SS15_019 | 2.1 | 75.3 \% |
| SS15_024 | SS15_022 | 1.8 | 86.5 \% |
| SS15_024 | SS15_025 | 1.9 | 94.1 \% |
| SS15_024 | SS15_026 | 2.5 | 78.5 \% |
| SS15_024 | SS15_028 | 2.5 | 66.2 \% |
| SS15_024 | SS15_036 | 3.2 | 73.1 \% |
| SS15_024 | SS15_037 | 3.5 | 74.5 \% |
| SS15_024 | SS15_035 | 3.2 | 63.0 \% |
| SS15_024 | SS15_034 | 2.6 | 72.0 \% |
| SS15_024 | SS15_033 | 3.8 | 59.9 \% |
| SS15_024 | SS15_031 | 3.3 | 70.5 \% |
| SS15_024 | SS15_029 | 3.4 | 64.4 \% |
| SS15_024 | SS15_032 | 3.5 | 62.4 \% |
| SS15_024 | SS15_042 | 4.0 | 65.5 \% |
| SS15_024 | SS15_043 | 4.2 | 57.6 \% |
| SS15_024 | SS15_044 | 4.7 | 52.7 \% |
| SS15_024 | SS15_041 | 3.6 | 56.4 \% |
| SS15_025 | SS15_001 | 3.8 | 45.1 \% |
| SS15_025 | SS15_002 | 3.1 | 51.4 \% |
| SS15_025 | SS15_006 | 2.9 | 60.9 \% |


| SS15_025 | SS15_008 | 2.7 | 75.6 \% |
| :---: | :---: | :---: | :---: |
| SS15_025 | SS15_012 | 4.2 | 57.7 \% |
| SS15_025 | SS15_014 | 4.2 | 36.8 \% |
| SS15_025 | SS15_016 | 2.7 | 74.7 \% |
| SS15_025 | SS15_017 | 2.2 | 72.2 \% |
| SS15_025 | SS15_019 | 1.8 | 88.9 \% |
| SS15_025 | SS15_022 | 2.0 | 89.3 \% |
| SS15_025 | SS15_026 | 2.1 | 86.1 \% |
| SS15_025 | SS15_028 | 2.2 | 78.6 \% |
| SS15_025 | SS15_036 | 2.6 | 84.0 \% |
| SS15_025 | SS15_037 | 3.0 | 83.5 \% |
| SS15_025 | SS15_034 | 2.3 | 78.7 \% |
| SS15_025 | SS15_033 | 3.1 | 59.6 \% |
| SS15_025 | SS15_029 | 2.9 | 74.4 \% |
| SS15_025 | SS15_031 | 3.2 | 74.0 \% |
| SS15_025 | SS15_032 | 3.1 | 72.5 \% |
| SS15_025 | SS15_043 | 3.8 | 66.1 \% |
| SS15_025 | SS15_044 | 4.2 | 61.0 \% |
| SS15_025 | SS15_045 | 4.9 | 58.3 \% |
| SS15_025 | SS15_054 | 4.2 | 52.3 \% |
| SS15_025 | SS15_041 | 3.2 | 66.5 \% |
| SS15_026 | SS15_008 | 2.6 | 78.9 \% |
| SS15_026 | SS15_022 | 2.7 | 72.1 \% |
| SS15_026 | SS15_028 | 2.0 | 72.3 \% |
| SS15_026 | SS15_034 | 2.8 | 64.9 \% |
| SS15_026 | SS15_032 | 2.7 | 68.7 \% |
| SS15_026 | SS15_031 | 2.8 | 72.2 \% |
| SS15_026 | SS15_043 | 3.3 | 64.8 \% |
| SS15_026 | SS15_045 | 4.4 | 57.8 \% |
| SS15_027 | SS15_001 | 4.4 | 44.4 \% |
| SS15_027 | SS15_002 | 3.4 | 50.1 \% |
| SS15_027 | SS15_003 | 4.2 | 43.1 \% |
| SS15_027 | SS15_004 | 3.0 | 59.7 \% |
| SS15_027 | SS15_005 | 3.6 | 54.6 \% |
| SS15_027 | SS15_007 | 2.9 | 77.1 \% |
| SS15_027 | SS15_008 | 3.2 | 74.1 \% |
| SS15_027 | SS15_011 | 2.7 | 65.4 \% |
| SS15_027 | SS15_015 | 4.5 | 50.1 \% |
| SS15_027 | SS15_016 | 3.2 | 56.3 \% |
| SS15_027 | SS15_017 | 2.7 | 67.0 \% |


| SS15_027 | SS15_018 | 2.9 | 81.8 \% |
| :---: | :---: | :---: | :---: |
| SS15_027 | SS15_019 | 2.4 | 75.3 \% |
| SS15_027 | SS15_020 | 2.8 | 60.6 \% |
| SS15_027 | SS15_021 | 3.0 | 57.2 \% |
| SS15_027 | SS15_022 | 2.9 | 72.6 \% |
| SS15_027 | SS15_023 | 2.5 | 80.7 \% |
| SS15_027 | SS15_024 | 2.4 | 78.8 \% |
| SS15_027 | SS15_025 | 2.3 | 90.0 \% |
| SS15_027 | SS15_026 | 2.1 | 85.4 \% |
| SS15_027 | SS15_039 | 2.3 | 86.5 \% |
| SS15_027 | SS15_028 | 2.2 | 74.3 \% |
| SS15_027 | SS15_037 | 3.0 | 80.5 \% |
| SS15_027 | SS15_036 | 3.0 | 77.0 \% |
| SS15_027 | SS15_035 | 3.4 | 61.4 \% |
| SS15_027 | SS15_034 | 2.7 | 72.2 \% |
| SS15_027 | SS15_033 | 3.6 | 58.2 \% |
| SS15_027 | SS15_030 | 3.1 | 77.5 \% |
| SS15_027 | SS15_029 | 3.2 | 70.5 \% |
| SS15_027 | SS15_032 | 3.2 | 68.2 \% |
| SS15_027 | SS15_031 | 3.5 | 71.2 \% |
| SS15_027 | SS15_042 | 3.6 | 72.2 \% |
| SS15_027 | SS15_043 | 4.2 | 62.4 \% |
| SS15_027 | SS15_044 | 4.9 | 55.1 \% |
| SS15_027 | SS15_041 | 3.1 | 62.4 \% |
| SS15_028 | SS15_001 | 4.1 | 37.4 \% |
| SS15_028 | SS15_034 | 2.6 | 66.2 \% |
| SS15_028 | SS15_032 | 2.2 | 82.9 \% |
| SS15_028 | SS15_031 | 2.4 | 80.4 \% |
| SS15_028 | SS15_043 | 2.8 | 79.0 \% |
| SS15_028 | SS15_045 | 4.0 | 67.6 \% |
| SS15_028 | SS15_054 | 4.6 | 52.2 \% |
| SS15_029 | SS15_008 | 2.3 | 83.2 \% |
| SS15_029 | SS15_017 | 3.7 | 48.4 \% |
| SS15_029 | SS15_019 | 3.6 | 52.9 \% |
| SS15_029 | SS15_022 | 3.3 | 62.4 \% |
| SS15_029 | SS15_026 | 2.6 | 70.5 \% |
| SS15_029 | SS15_028 | 2.1 | 85.9 \% |
| SS15_029 | SS15_032 | 1.7 | 93.0 \% |
| SS15_029 | SS15_031 | 1.8 | 90.9 \% |
| SS15_029 | SS15_043 | 1.9 | 87.5 \% |


| SS15 029 | SS15 044 | 2.5 | 77.3 \% |
| :---: | :---: | :---: | :---: |
| SS15_029 | SS15_045 | 2.8 | 75.5 \% |
| SS15_029 | SS15_034 | 3.5 | 53.4 \% |
| SS15_029 | SS15_054 | 3.2 | 58.7 \% |
| SS15_029 | SS15_053 | 3.8 | 48.2 \% |
| SS15_029 | SS15_050 | 4.1 | 52.1 \% |
| SS15_030 | SS15_007 | 2.2 | 85.2 \% |
| SS15_030 | SS15_008 | 2.0 | 86.4 \% |
| SS15_030 | SS15_011 | 2.2 | 84.8 \% |
| SS15_030 | SS15_018 | 4.5 | 42.3 \% |
| SS15_030 | SS15_019 | 3.3 | 57.4 \% |
| SS15_030 | SS15_022 | 3.1 | 69.0 \% |
| SS15_030 | SS15_023 | 2.7 | 74.7 \% |
| SS15_030 | SS15_024 | 3.1 | 72.7 \% |
| SS15_030 | SS15_025 | 2.7 | 77.7 \% |
| SS15_030 | SS15_026 | 2.4 | 79.0 \% |
| SS15_030 | SS15_028 | 2.2 | 85.1 \% |
| SS15_030 | SS15_029 | 1.7 | 91.2 \% |
| SS15_030 | SS15_032 | 1.9 | 91.7 \% |
| SS15_030 | SS15_031 | 1.7 | 87.9 \% |
| SS15_030 | SS15_043 | 2.3 | 75.0 \% |
| SS15_030 | SS15_042 | 2.6 | 82.3 \% |
| SS15_030 | SS15_044 | 2.8 | 67.9 \% |
| SS15_030 | SS15_046 | 2.8 | 63.3 \% |
| SS15_030 | SS15_045 | 3.1 | 67.5 \% |
| SS15_030 | SS15_047 | 2.9 | 65.6 \% |
| SS15_030 | SS15_039 | 3.4 | 69.8 \% |
| SS15_030 | SS15_037 | 5.5 | 33.9 \% |
| SS15_030 | SS15_036 | 4.6 | 42.9 \% |
| SS15_030 | SS15_034 | 3.5 | 54.1 \% |
| SS15_030 | SS15_054 | 3.2 | 51.9 \% |
| SS15_030 | SS15_049 | 3.9 | 54.8 \% |
| SS15_030 | SS15_041 | 2.3 | 68.6 \% |
| SS15_031 | SS15_032 | 1.7 | 92.0 \% |
| SS15_031 | SS15_054 | 2.7 | 55.7 \% |
| SS15_032 | SS15_054 | 3.4 | 62.8 \% |
| SS15_033 | SS15_001 | 2.0 | 79.2 \% |
| SS15_033 | SS15_022 | 4.0 | 55.5 \% |
| SS15_033 | SS15_028 | 3.7 | 49.7 \% |
| SS15_033 | SS15_034 | 1.9 | 82.2 \% |


| SS15_034 | SS15_032 | 3.6 | 51.0 \% |
| :---: | :---: | :---: | :---: |
| SS15_035 | SS15_001 | 2.5 | 67.6 \% |
| SS15_035 | SS15_002 | 2.3 | 64.3 \% |
| SS15_035 | SS15_004 | 2.3 | 62.1 \% |
| SS15_035 | SS15_012 | 2.5 | 54.1 \% |
| SS15_035 | SS15_014 | 3.4 | 52.0 \% |
| SS15_035 | SS15_016 | 2.0 | 66.7 \% |
| SS15_035 | SS15_017 | 2.5 | 75.3 \% |
| SS15_035 | SS15_019 | 2.3 | 74.6 \% |
| SS15_035 | SS15_022 | 3.5 | 57.3 \% |
| SS15_035 | SS15_025 | 3.0 | 59.1 \% |
| SS15_035 | SS15_026 | 3.9 | 52.2 \% |
| SS15_035 | SS15_028 | 4.0 | 46.2 \% |
| SS15_035 | SS15_033 | 2.1 | 74.8 \% |
| SS15_035 | SS15_034 | 2.3 | 67.3 \% |
| SS15_035 | SS15_036 | 1.7 | 92.5 \% |
| SS15_035 | SS15_037 | 2.3 | 86.1 \% |
| SS15_036 | SS15_001 | 2.7 | 65.5 \% |
| SS15_036 | SS15_002 | 2.3 | 70.3 \% |
| SS15_036 | SS15_012 | 2.7 | 49.0 \% |
| SS15_036 | SS15_016 | 1.8 | 83.5 \% |
| SS15_036 | SS15_017 | 2.2 | 75.6 \% |
| SS15_036 | SS15_019 | 2.0 | 70.7 \% |
| SS15_036 | SS15_022 | 3.7 | 65.6 \% |
| SS15_036 | SS15_026 | 3.9 | 67.4 \% |
| SS15_036 | SS15_028 | 3.7 | 65.9 \% |
| SS15_036 | SS15_029 | 4.7 | 38.0 \% |
| SS15_036 | SS15_032 | 4.7 | 35.2 \% |
| SS15_036 | SS15_033 | 2.0 | 80.6 \% |
| SS15_036 | SS15_034 | 2.1 | 63.0 \% |
| SS15_037 | SS15_001 | 3.3 | 66.2 \% |
| SS15_037 | SS15_002 | 2.6 | 69.9 \% |
| SS15_037 | SS15_012 | 3.1 | 32.5 \% |
| SS15_037 | SS15_016 | 2.2 | 76.4 \% |
| SS15_037 | SS15_017 | 2.6 | 71.6 \% |
| SS15_037 | SS15_019 | 2.4 | 88.0 \% |
| SS15_037 | SS15_022 | 3.9 | 66.2 \% |
| SS15_037 | SS15_026 | 3.8 | 74.1 \% |
| SS15_037 | SS15_028 | 3.9 | 69.2 \% |
| SS15_037 | SS15_029 | 6.1 | 32.1 \% |


| SS15_037 | SS15_031 | 6.0 | 27.3 \% |
| :---: | :---: | :---: | :---: |
| SS15_037 | SS15_032 | 6.6 | 30.7 \% |
| SS15_037 | SS15_033 | 2.6 | 77.9 \% |
| SS15_037 | SS15_034 | 2.5 | 80.5 \% |
| SS15_037 | SS15_036 | 1.9 | 88.6 \% |
| SS15_038 | SS15_000 | 4.0 | 36.4 \% |
| SS15_038 | SS15_001 | 3.5 | 67.2 \% |
| SS15_038 | SS15_002 | 2.7 | 67.5 \% |
| SS15_038 | SS15_003 | 3.1 | 67.2 \% |
| SS15_038 | SS15_004 | 2.3 | 69.7 \% |
| SS15_038 | SS15_005 | 2.2 | 74.3 \% |
| SS15_038 | SS15_006 | 2.1 | 59.9 \% |
| SS15_038 | SS15_007 | 3.2 | 63.5 \% |
| SS15_038 | SS15_008 | 3.4 | 60.6 \% |
| SS15_038 | SS15_009 | 3.7 | 61.2 \% |
| SS15_038 | SS15_010 | 3.5 | 56.2 \% |
| SS15_038 | SS15_011 | 2.5 | 64.4 \% |
| SS15_038 | SS15_013 | 3.6 | 58.9 \% |
| SS15_038 | SS15_015 | 4.1 | 53.3 \% |
| SS15_038 | SS15_016 | 3.1 | 59.2 \% |
| SS15_038 | SS15_017 | 2.8 | 63.8 \% |
| SS15_038 | SS15_018 | 2.6 | 76.8 \% |
| SS15_038 | SS15_019 | 2.2 | 71.6 \% |
| SS15_038 | SS15_020 | 2.7 | 62.5 \% |
| SS15_038 | SS15_021 | 2.9 | 59.5 \% |
| SS15_038 | SS15_022 | 2.5 | 69.8 \% |
| SS15_038 | SS15_023 | 2.4 | 68.7 \% |
| SS15_038 | SS15_024 | 2.3 | 74.9 \% |
| SS15_038 | SS15_025 | 2.2 | 72.9 \% |
| SS15_038 | SS15_026 | 2.5 | 75.2 \% |
| SS15_038 | SS15_027 | 2.4 | 78.5 \% |
| SS15_038 | SS15_028 | 2.1 | 76.1 \% |
| SS15_038 | SS15_029 | 3.2 | 67.2 \% |
| SS15_038 | SS15_030 | 3.1 | 68.3 \% |
| SS15_038 | SS15_031 | 3.4 | 61.8 \% |
| SS15_038 | SS15_032 | 3.3 | 63.9 \% |
| SS15_038 | SS15_033 | 3.0 | 71.9 \% |
| SS15_038 | SS15_034 | 2.0 | 78.4 \% |
| SS15_038 | SS15_035 | 3.1 | 69.7 \% |
| SS15_038 | SS15_036 | 2.7 | 71.0 \% |


| SS15_038 | SS15_037 | 2.8 | 78.0 \% |
| :---: | :---: | :---: | :---: |
| SS15_038 | SS15_040 | 1.7 | 76.3 \% |
| SS15_038 | SS15_039 | 2.1 | 85.9 \% |
| SS15_038 | SS15_042 | 3.9 | 66.3 \% |
| SS15_038 | SS15_043 | 4.2 | 58.7 \% |
| SS15_038 | SS15_041 | 3.1 | 65.7 \% |
| SS15_039 | SS15_001 | 3.9 | 54.2 \% |
| SS15_039 | SS15_002 | 3.2 | 60.1 \% |
| SS15_039 | SS15_004 | 2.7 | 67.2 \% |
| SS15_039 | SS15_007 | 2.9 | 72.8 \% |
| SS15_039 | SS15_008 | 3.2 | 68.3 \% |
| SS15_039 | SS15_016 | 2.9 | 64.5 \% |
| SS15_039 | SS15_017 | 2.7 | 67.9 \% |
| SS15_039 | SS15_019 | 2.1 | 79.6 \% |
| SS15_039 | SS15_022 | 3.0 | 72.3 \% |
| SS15_039 | SS15_023 | 2.3 | 78.8 \% |
| SS15_039 | SS15_024 | 2.6 | 79.0 \% |
| SS15_039 | SS15_025 | 2.1 | 88.2 \% |
| SS15_039 | SS15_026 | 2.7 | 78.9 \% |
| SS15_039 | SS15_028 | 2.6 | 83.7 \% |
| SS15_039 | SS15_029 | 3.8 | 63.6 \% |
| SS15_039 | SS15_031 | 3.9 | 62.8 \% |
| SS15_039 | SS15_032 | 4.0 | 60.8 \% |
| SS15_039 | SS15_033 | 3.1 | 67.2 \% |
| SS15_039 | SS15_034 | 2.2 | 78.9 \% |
| SS15_039 | SS15_035 | 2.9 | 67.8 \% |
| SS15_039 | SS15_036 | 2.6 | 75.3 \% |
| SS15_039 | SS15_037 | 2.8 | 82.9 \% |
| SS15_039 | SS15_042 | 4.3 | 66.8 \% |
| SS15_039 | SS15_043 | 5.1 | 55.1 \% |
| SS15_039 | SS15_041 | 3.4 | 55.8 \% |
| SS15_040 | SS15_000 | 4.0 | 35.7 \% |
| SS15_040 | SS15_001 | 3.6 | 49.6 \% |
| SS15_040 | SS15_002 | 2.7 | 58.5 \% |
| SS15_040 | SS15_003 | 3.3 | 51.8 \% |
| SS15_040 | SS15_004 | 2.3 | 71.3 \% |
| SS15_040 | SS15_005 | 2.4 | 64.8 \% |
| SS15_040 | SS15_006 | 1.9 | 78.9 \% |
| SS15_040 | SS15_007 | 2.9 | 67.2 \% |
| SS15_040 | SS15_008 | 3.1 | 63.8 \% |


| SS15_040 | SS15_011 | 2.5 | 74.9 \% |
| :---: | :---: | :---: | :---: |
| SS15_040 | SS15_012 | 3.7 | 59.9 \% |
| SS15_040 | SS15_013 | 3.6 | 62.2 \% |
| SS15_040 | SS15_014 | 5.1 | 32.1 \% |
| SS15_040 | SS15_015 | 4.0 | 55.7 \% |
| SS15_040 | SS15_016 | 3.6 | 56.1 \% |
| SS15_040 | SS15_017 | 3.2 | 60.3 \% |
| SS15_040 | SS15_018 | 3.2 | 42.3 \% |
| SS15_040 | SS15_019 | 2.5 | 62.5 \% |
| SS15_040 | SS15_020 | 3.2 | 61.3 \% |
| SS15_040 | SS15_021 | 3.2 | 65.5 \% |
| SS15_040 | SS15_022 | 3.0 | 58.4 \% |
| SS15_040 | SS15_023 | 2.6 | 69.0 \% |
| SS15_040 | SS15_024 | 2.6 | 60.2 \% |
| SS15_040 | SS15_025 | 2.2 | 74.9 \% |
| SS15_040 | SS15_026 | 2.5 | 57.3 \% |
| SS15_040 | SS15_027 | 2.1 | 62.7 \% |
| SS15_040 | SS15_028 | 1.9 | 77.7 \% |
| SS15_040 | SS15_029 | 2.8 | 66.6 \% |
| SS15_040 | SS15_030 | 2.9 | 57.0 \% |
| SS15_040 | SS15_031 | 3.3 | 53.4 \% |
| SS15_040 | SS15_032 | 2.9 | 66.2 \% |
| SS15_040 | SS15_033 | 3.1 | 61.7 \% |
| SS15_040 | SS15_034 | 2.0 | 77.7 \% |
| SS15_040 | SS15_035 | 3.5 | 50.8 \% |
| SS15_040 | SS15_036 | 3.2 | 49.6 \% |
| SS15_040 | SS15_037 | 2.9 | 37.2 \% |
| SS15_040 | SS15_039 | 2.1 | 58.7 \% |
| SS15_040 | SS15_042 | 3.2 | 48.0 \% |
| SS15_040 | SS15_043 | 3.0 | 60.1 \% |
| SS15_040 | SS15_044 | 3.4 | 50.3 \% |
| SS15_040 | SS15_041 | 2.2 | 75.2 \% |
| SS15_041 | SS15_008 | 2.8 | 72.9 \% |
| SS15_041 | SS15_022 | 3.7 | 55.0 \% |
| SS15_041 | SS15_026 | 2.7 | 62.0 \% |
| SS15_041 | SS15_028 | 2.1 | 82.0 \% |
| SS15_041 | SS15_029 | 2.0 | 80.8 \% |
| SS15_041 | SS15_031 | 2.3 | 67.2 \% |
| SS15_041 | SS15_032 | 2.1 | 81.7 \% |
| SS15_041 | SS15_043 | 2.1 | 81.0 \% |


| SS15_041 | SS15_044 | 2.7 | 71.0 \% |
| :---: | :---: | :---: | :---: |
| SS15_041 | SS15_045 | 3.2 | 61.8 \% |
| SS15_041 | SS15_054 | 3.7 | 50.0 \% |
| SS15_041 | SS15_050 | 4.3 | 57.3 \% |
| SS15_042 | SS15_008 | 3.1 | 78.4 \% |
| SS15_042 | SS15_019 | 4.2 | 52.7 \% |
| SS15_042 | SS15_022 | 3.9 | 61.1 \% |
| SS15_042 | SS15_025 | 3.7 | 69.7 \% |
| SS15_042 | SS15_026 | 3.2 | 74.9 \% |
| SS15_042 | SS15_028 | 2.5 | 88.5 \% |
| SS15_042 | SS15_029 | 2.3 | 90.2 \% |
| SS15_042 | SS15_031 | 2.5 | 81.7 \% |
| SS15_042 | SS15_032 | 2.1 | 88.3 \% |
| SS15_042 | SS15_041 | 2.0 | 63.4 \% |
| SS15_042 | SS15_043 | 2.4 | 85.8 \% |
| SS15_042 | SS15_044 | 2.6 | 75.7 \% |
| SS15_042 | SS15_045 | 3.0 | 68.7 \% |
| SS15_043 | SS15_031 | 2.2 | 75.9 \% |
| SS15_043 | SS15_032 | 2.0 | 91.1 \% |
| SS15_043 | SS15_054 | 2.7 | 64.7 \% |
| SS15_044 | SS15_008 | 2.8 | 81.7 \% |
| SS15_044 | SS15_022 | 4.3 | 52.9 \% |
| SS15_044 | SS15_026 | 3.8 | 57.6 \% |
| SS15_044 | SS15_028 | 3.3 | 69.1 \% |
| SS15_044 | SS15_031 | 2.3 | 71.2 \% |
| SS15_044 | SS15_032 | 2.3 | 81.0 \% |
| SS15_044 | SS15_043 | 2.1 | 85.8 \% |
| SS15_044 | SS15_045 | 1.5 | 93.8 \% |
| SS15_044 | SS15_054 | 1.9 | 78.1 \% |
| SS15_044 | SS15_053 | 2.8 | 65.8 \% |
| SS15_044 | SS15_050 | 3.3 | 56.7 \% |
| SS15_045 | SS15_031 | 2.6 | 71.8 \% |
| SS15_045 | SS15_032 | 2.6 | 79.6 \% |
| SS15_045 | SS15_043 | 2.1 | 81.8 \% |
| SS15_045 | SS15_054 | 1.8 | 75.1 \% |
| SS15_045 | SS15_050 | 3.4 | 53.1 \% |
| SS15_046 | SS15_007 | 2.9 | 76.6 \% |
| SS15_046 | SS15_008 | 2.4 | 81.0 \% |
| SS15_046 | SS15_011 | 3.1 | 74.0 \% |
| SS15_046 | SS15_022 | 4.7 | 54.2 \% |


| SS15_046 | SS15_023 | 3.6 | 64.4 \% |
| :---: | :---: | :---: | :---: |
| SS15_046 | SS15_025 | 4.3 | 59.4 \% |
| SS15_046 | SS15_026 | 4.1 | 52.9 \% |
| SS15_046 | SS15_028 | 4.0 | 64.3 \% |
| SS15_046 | SS15_029 | 2.9 | 70.4 \% |
| SS15_046 | SS15_031 | 2.4 | 67.5 \% |
| SS15_046 | SS15_032 | 2.9 | 74.7 \% |
| SS15_046 | SS15_041 | 3.5 | 61.6 \% |
| SS15_046 | SS15_042 | 3.0 | 46.0 \% |
| SS15_046 | SS15_043 | 2.4 | 76.5 \% |
| SS15_046 | SS15_044 | 1.8 | 90.5 \% |
| SS15_046 | SS15_045 | 1.8 | 85.7 \% |
| SS15_046 | SS15_047 | 1.9 | 83.7 \% |
| SS15_046 | SS15_054 | 1.5 | 84.1 \% |
| SS15_046 | SS15_053 | 2.4 | 68.1 \% |
| SS15_046 | SS15_052 | 3.3 | 65.8 \% |
| SS15_046 | SS15_051 | 3.3 | 62.1 \% |
| SS15_046 | SS15_049 | 3.1 | 68.0 \% |
| SS15_046 | SS15_050 | 4.3 | 53.8 \% |
| SS15_047 | SS15_008 | 3.0 | 65.1 \% |
| SS15_047 | SS15_025 | 3.8 | 43.5 \% |
| SS15_047 | SS15_026 | 3.6 | 52.5 \% |
| SS15_047 | SS15_028 | 3.3 | 52.0 \% |
| SS15_047 | SS15_029 | 2.8 | 66.5 \% |
| SS15_047 | SS15_031 | 2.5 | 70.0 \% |
| SS15_047 | SS15_032 | 2.6 | 69.1 \% |
| SS15_047 | SS15_041 | 3.1 | 63.5 \% |
| SS15_047 | SS15_042 | 2.9 | 65.7 \% |
| SS15_047 | SS15_043 | 2.3 | 76.8 \% |
| SS15_047 | SS15_044 | 1.7 | 85.7 \% |
| SS15_047 | SS15_045 | 1.6 | 90.4 \% |
| SS15_047 | SS15_054 | 2.1 | 78.1 \% |
| SS15_047 | SS15_051 | 2.3 | 75.5 \% |
| SS15_047 | SS15_053 | 2.2 | 72.4 \% |
| SS15_047 | SS15_050 | 2.7 | 63.1 \% |
| SS15_048 | SS15_007 | 4.5 | 65.5 \% |
| SS15_048 | SS15_008 | 4.0 | 70.3 \% |
| SS15_048 | SS15_011 | 4.2 | 63.7 \% |
| SS15_048 | SS15_023 | 5.0 | 53.1 \% |
| SS15_048 | SS15_028 | 4.9 | 60.7 \% |


| SS15_048 | SS15_029 | 3.5 | 68.0 \% |
| :---: | :---: | :---: | :---: |
| SS15_048 | SS15_030 | 4.0 | 61.1 \% |
| SS15_048 | SS15_031 | 3.4 | 62.8 \% |
| SS15_048 | SS15_032 | 3.3 | 71.5 \% |
| SS15_048 | SS15_041 | 3.5 | 56.2 \% |
| SS15_048 | SS15_043 | 2.5 | 74.7 \% |
| SS15_048 | SS15_044 | 2.0 | 83.8 \% |
| SS15_048 | SS15_045 | 1.8 | 83.5 \% |
| SS15_048 | SS15_046 | 2.3 | 77.0 \% |
| SS15_048 | SS15_047 | 1.8 | 92.4 \% |
| SS15_048 | SS15_052 | 1.9 | 76.8 \% |
| SS15_048 | SS15_054 | 2.4 | 74.2 \% |
| SS15_048 | SS15_053 | 1.9 | 80.9 \% |
| SS15_048 | SS15_051 | 2.2 | 69.9 \% |
| SS15_048 | SS15_049 | 2.0 | 70.4 \% |
| SS15_048 | SS15_050 | 2.6 | 57.5 \% |
| SS15_049 | SS15_007 | 4.3 | 61.3 \% |
| SS15_049 | SS15_008 | 3.9 | 64.9 \% |
| SS15_049 | SS15_028 | 4.7 | 60.5 \% |
| SS15_049 | SS15_029 | 3.3 | 65.1 \% |
| SS15_049 | SS15_031 | 3.5 | 56.9 \% |
| SS15_049 | SS15_032 | 3.1 | 68.7 \% |
| SS15_049 | SS15_041 | 2.4 | 69.4 \% |
| SS15_049 | SS15_042 | 3.3 | 45.9 \% |
| SS15_049 | SS15_043 | 2.3 | 73.3 \% |
| SS15_049 | SS15_044 | 2.6 | 72.6 \% |
| SS15_049 | SS15_045 | 2.3 | 66.6 \% |
| SS15_049 | SS15_047 | 1.9 | 77.9 \% |
| SS15_049 | SS15_051 | 1.9 | 80.3 \% |
| SS15_049 | SS15_052 | 2.2 | 73.6 \% |
| SS15_049 | SS15_053 | 2.8 | 63.3 \% |
| SS15_049 | SS15_054 | 3.5 | 62.6 \% |
| SS15_049 | SS15_050 | 1.7 | 82.2 \% |
| SS15_050 | SS15_032 | 4.0 | 54.9 \% |
| SS15_050 | SS15_043 | 3.2 | 58.6 \% |
| SS15_051 | SS15_008 | 4.7 | 54.9 \% |
| SS15_051 | SS15_029 | 4.1 | 54.8 \% |
| SS15_051 | SS15_032 | 4.0 | 58.1 \% |
| SS15_051 | SS15_041 | 3.4 | 55.1 \% |
| SS15_051 | SS15_043 | 3.1 | 62.5 \% |


| SS15_051 | SS15_044 | 2.9 | 65.4 \% |
| :---: | :---: | :---: | :---: |
| SS15_051 | SS15_045 | 2.6 | 62.7 \% |
| SS15_051 | SS15_050 | 2.1 | 81.6 \% |
| SS15_051 | SS15_053 | 2.4 | 73.7 \% |
| SS15_051 | SS15_054 | 3.9 | 59.7 \% |
| SS15_052 | SS15_008 | 4.9 | 56.7 \% |
| SS15_052 | SS15_029 | 4.2 | 54.8 \% |
| SS15_052 | SS15_032 | 4.0 | 58.0 \% |
| SS15_052 | SS15_043 | 3.1 | 61.0 \% |
| SS15_052 | SS15_044 | 2.6 | 68.6 \% |
| SS15_052 | SS15_045 | 2.3 | 67.1 \% |
| SS15_052 | SS15_047 | 1.9 | 75.6 \% |
| SS15_052 | SS15_050 | 2.7 | 68.5 \% |
| SS15_052 | SS15_051 | 1.7 | 88.3 \% |
| SS15_052 | SS15_053 | 1.9 | 84.7 \% |
| SS15_052 | SS15_054 | 3.7 | 65.1 \% |
| SS15_053 | SS15_008 | 3.8 | 48.2 \% |
| SS15_053 | SS15_032 | 3.8 | 50.0 \% |
| SS15_053 | SS15_043 | 3.4 | 56.8 \% |
| SS15_053 | SS15_045 | 2.3 | 73.4 \% |
| SS15_053 | SS15_050 | 3.4 | 57.4 \% |
| SS15_053 | SS15_054 | 2.2 | 72.1 \% |

## Target Statistics

| $\begin{array}{c}\text { Cluster/Scan } \\ \mathbf{1}\end{array}$ | Target 1 | $\begin{array}{c}\text { Cluster/Scan } \\ \mathbf{2}\end{array}$ | Target 2 | $\begin{array}{c}\text { Dist. } \\ {[\mathbf{m m}]}\end{array}$ | $\begin{array}{c}\text { Hor. } \\ {[\mathbf{m m}]}\end{array}$ | $\begin{array}{c}\text { Ver. } \\ {[\mathbf{m m}]}\end{array}$ |
| :--- | :--- | :--- | :--- | ---: | ---: | ---: | \(\left.\begin{array}{c}Angle <br>

{[\mathbf{d e g}]}\end{array}\right]-\) -

| SS15_000 | Sphere29 | SS15_002 | Sphere29 | 3.4 | 0.8 | 3.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_000 | Sphere24 | SS15_002 | Sphere24 | 5.3 | 5.3 | 0.4 |
| SS15_000 | Sphere29 | SS15_012 | SA15_09 | 9.1 | 7.6 | 5.0 |
| SS15_000 | Sphere30 | SS15_012 | Sphere47 | 23.0 | 22.5 | 4.9 |
| SS15_000 | Sphere29 | SS15_013 | SA15_09 | 13.6 | 12.9 | 4.4 |
| SS15_000 | Sphere30 | SS15_013 | Sphere47 | 22.9 | 22.5 | 4.4 |
| SS15_000 | Sphere29 | SS15_015 | SA15_09 | 14.1 | 14.1 | 0.7 |
| SS15_000 | Sphere29 | SS15_016 | SA15_09 | 15.3 | 15.1 | 2.3 |
| SS15_000 | Sphere29 | SS15_017 | SA15_09 | 13.9 | 13.7 | 2.1 |
| SS15_000 | Sphere29 | SS15_019 | SA15_09 | 11.8 | 11.8 | 0.4 |
| SS15_000 | Sphere29 | SS15_027 | Sphere257 | 10.1 | 9.7 | 2.7 |
| SS15_000 | Sphere29 | SS15_024 | Sphere257 | 11.2 | 11.1 | 2.0 |
| SS15_000 | Sphere29 | SS15_025 | Sphere257 | 12.9 | 12.7 | 2.3 |
| SS15_000 | Sphere29 | SS15_033 | Sphere29 | 6.8 | 4.8 | 4.9 |
| SS15_000 | Sphere29 | SS15_034 | Sphere29 | 7.6 | 7.1 | 2.6 |
| SS15_000 | Sphere29 | SS15_035 | SA15_09 | 14.1 | 14.0 | 1.9 |
| SS15_000 | Sphere29 | SS15_036 | SA15_09 | 14.4 | 14.2 | 1.8 |
| SS15_001 | Sphere 35 | SS15_002 | Sphere35 | 1.5 | 0.5 | 1.4 |
| SS15_001 | Sphere24 | SS15_002 | Sphere24 | 2.3 | 2.1 | 1.0 |
| SS15_001 | Sphere 17 | SS15_002 | Sphere17 | 1.1 | 1.0 | 0.3 |
| SS15_001 | Sphere29 | SS15_002 | Sphere29 | 3.3 | 3.0 | 1.3 |
| SS15_001 | Sphere35 | SS15_003 | SA15_01 | 2.5 | 2.3 | 1.1 |
| SS15_001 | Sphere14 | SS15_003 | Sphere16 | 4.9 | 4.9 | 0.5 |
| SS15_001 | Sphere 30 | SS15_006 | Sphere30 | 7.8 | 3.5 | 6.9 |
| SS15_001 | Sphere 35 | SS15_006 | Sphere35 | 8.6 | 8.6 | 0.2 |
| SS15_001 | Sphere24 | SS15_006 | Sphere24 | 3.8 | 3.1 | 2.2 |
| SS15_001 | Sphere19 | SS15_006 | Sphere19 | 13.2 | 12.6 | 3.9 |
| SS15_001 | Sphere29 | SS15_006 | Sphere29 | 5.0 | 4.9 | 0.8 |
| SS15_001 | Sphere14 | SS15_012 | Sphere16 | 23.6 | 4.4 | 23.2 |
| SS15_001 | Sphere 29 | SS15_012 | SA15_09 | 6.3 | 5.5 | 3.0 |
| SS15_001 | Sphere29 | SS15_013 | SA15_09 | 11.6 | 11.4 | 2.4 |
| SS15_001 | Sphere 17 | SS15_033 | Sphere 17 | 3.5 | 2.6 | 2.2 |
| SS15_001 | Sphere 22 | SS15_040 | Sphere 22 | 5.8 | 5.8 | 0.8 |
| SS15_001 | Sphere 35 | SS15_038 | Sphere35 | 15.2 | 15.1 | 1.8 |
| SS15_001 | Sphere35 | SS15_041 | Sphere35 | 15.2 | 14.6 | 4.3 |
| SS15_001 | Sphere29 | SS15_015 | SA15_09 | 13.2 | 13.1 | 1.3 |
| SS15_001 | Sphere29 | SS15_016 | SA15_09 | 14.5 | 14.5 | 0.3 |
| SS15_001 | Sphere 32 | SS15_029 | Sphere45 | 18.4 | 18.3 | 2.1 |
| SS15_001 | Sphere29 | SS15_017 | SA15_09 | 13.2 | 13.2 | 0.1 |
| SS15_001 | Sphere29 | SS15_027 | Sphere257 | 10.3 | 10.3 | 0.7 |


| SS15_001 | Sphere29 | SS15_024 | Sphere257 | 11.2 | 11.2 | 0.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_001 | Sphere29 | SS15_035 | SA15_09 | 13.9 | 13.4 | 3.9 |
| SS15_001 | Sphere29 | SS15_036 | SA15_09 | 14.4 | 13.9 | 3.8 |
| SS15_002 | Sphere 19 | SS15_000 | Sphere19 | 14.1 | 13.7 | 3.2 |
| SS15_002 | Sphere 30 | SS15_000 | Sphere 30 | 14.5 | 14.5 | 0.4 |
| SS15_002 | Sphere30 | SS15_001 | Sphere30 | 4.3 | 3.0 | 3.1 |
| SS15_002 | Sphere 15 | SS15_001 | Sphere15 | 2.9 | 2.8 | 0.3 |
| SS15_002 | Sphere 19 | SS15_001 | Sphere19 | 5.9 | 5.9 | 0.7 |
| SS15_002 | Sphere31 | SS15_003 | Sphere44 | 13.8 | 13.3 | 3.6 |
| SS15_002 | Sphere 30 | SS15_003 | Sphere47 | 5.0 | 4.6 | 1.7 |
| SS15_002 | Sphere 19 | SS15_003 | SA15_02 | 5.5 | 5.3 | 1.2 |
| SS15_002 | Sphere 31 | SS15_004 | Sphere44 | 11.7 | 11.7 | 0.5 |
| SS15_002 | Sphere 30 | SS15_004 | Sphere47 | 3.7 | 2.9 | 2.3 |
| SS15_002 | Sphere 19 | SS15_004 | SA15_02 | 3.0 | 2.4 | 1.8 |
| SS15_002 | Sphere28 | SS15_004 | Sphere61 | 0.8 | 0.6 | 0.5 |
| SS15_002 | Sphere30 | SS15_005 | Sphere47 | 7.2 | 4.4 | 5.7 |
| SS15_002 | Sphere 19 | SS15_005 | SA15_02 | 6.8 | 6.5 | 2.2 |
| SS15_002 | Sphere30 | SS15_006 | Sphere30 | 7.5 | 6.5 | 3.8 |
| SS15_002 | Sphere19 | SS15_006 | Sphere19 | 8.9 | 8.4 | 3.1 |
| SS15_002 | Sphere28 | SS15_040 | Sphere28 | 5.2 | 4.9 | 1.8 |
| SS15_002 | Sphere42 | SS15_038 | Sphere42 | 6.2 | 6.2 | 0.1 |
| SS15_002 | Sphere 28 | SS15_038 | Sphere28 | 10.2 | 8.8 | 5.1 |
| SS15_002 | Sphere 31 | SS15_033 | Sphere 31 | 12.5 | 12.4 | 1.7 |
| SS15_002 | Sphere 27 | SS15_047 | Sphere556 | 48.6 | 48.5 | 4.2 |
| SS15_002 | Sphere 30 | SS15_012 | Sphere47 | 14.1 | 13.3 | 4.5 |
| SS15_002 | Sphere30 | SS15_013 | Sphere47 | 13.9 | 13.1 | 4.7 |
| SS15_002 | Sphere 29 | SS15_015 | SA15_09 | 14.7 | 14.5 | 2.6 |
| SS15_002 | Sphere42 | SS15_034 | Sphere42 | 1.4 | 1.2 | 0.7 |
| SS15_002 | Sphere42 | SS15_028 | Sphere270 | 8.9 | 8.7 | 1.5 |
| SS15_003 | SA15_02 | SS15_000 | Sphere19 | 15.0 | 14.9 | 2.0 |
| SS15_003 | SA15_03 | SS15_000 | Sphere 24 | 5.0 | 4.9 | 1.1 |
| SS15_003 | Sphere47 | SS15_000 | Sphere30 | 10.2 | 10.0 | 2.1 |
| SS15_003 | Sphere47 | SS15_001 | Sphere30 | 5.7 | 2.9 | 4.9 |
| SS15_003 | SA15_03 | SS15_001 | Sphere24 | 1.7 | 1.7 | 0.3 |
| SS15_003 | SA15_02 | SS15_001 | Sphere19 | 10.7 | 10.5 | 1.9 |
| SS15_003 | Sphere46 | SS15_001 | Sphere | 6.9 | 5.9 | 3.5 |
| SS15_003 | SA15_01 | SS15_002 | Sphere35 | 2.9 | 2.8 | 0.4 |
| SS15_003 | Sphere 32 | SS15_002 | Sphere18 | 6.6 | 3.9 | 5.3 |
| SS15_003 | SA15_03 | SS15_002 | Sphere24 | 0.8 | 0.5 | 0.7 |
| SS15_003 | SA15_02 | SS15_004 | SA15_02 | 3.1 | 3.1 | 0.7 |


| SS15_003 | Sphere47 | SS15_004 | Sphere47 | 3.5 | 3.5 | 0.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_003 | SA15_02 | SS15_005 | SA15_02 | 1.7 | 1.4 | 1.0 |
| SS15_003 | Sphere 39 | SS15_005 | Sphere39 | 12.2 | 11.2 | 4.7 |
| SS15_003 | SA15_03 | SS15_005 | SA15_03 | 1.7 | 1.5 | 0.7 |
| SS15_003 | Sphere47 | SS15_005 | Sphere47 | 5.3 | 3.5 | 3.9 |
| SS15_003 | SA15_02 | SS15_006 | Sphere19 | 4.0 | 3.5 | 2.0 |
| SS15_003 | SA15_03 | SS15_006 | Sphere24 | 2.4 | 1.4 | 1.9 |
| SS15_003 | Sphere47 | SS15_006 | Sphere30 | 3.8 | 3.2 | 2.1 |
| SS15_003 | SA15_01 | SS15_006 | Sphere35 | 6.9 | 6.8 | 1.3 |
| SS15_003 | Sphere44 | SS15_033 | Sphere31 | 2.3 | 1.3 | 1.9 |
| SS15_003 | Sphere 39 | SS15_042 | Sphere502 | 21.4 | 21.1 | 3.8 |
| SS15_003 | SA15_03 | SS15_012 | SA15_03 | 10.5 | 8.2 | 6.6 |
| SS15_003 | Sphere47 | SS15_012 | Sphere47 | 16.4 | 16.2 | 2.8 |
| SS15_003 | Sphere 16 | SS15_012 | Sphere 16 | 23.4 | 5.8 | 22.7 |
| SS15_003 | SA15_03 | SS15_013 | SA15_03 | 14.6 | 14.5 | 1.5 |
| SS15_003 | Sphere47 | SS15_013 | Sphere47 | 17.3 | 16.0 | 6.5 |
| SS15_003 | Sphere8 | SS15_041 | Sphere417 | 21.6 | 21.4 | 2.7 |
| SS15_003 | SA15_01 | SS15_041 | Sphere35 | 15.6 | 14.6 | 5.4 |
| SS15_004 | SA15_09 | SS15_000 | Sphere29 | 5.4 | 3.8 | 3.8 |
| SS15_004 | SA15_03 | SS15_000 | Sphere24 | 7.7 | 7.6 | 1.5 |
| SS15_004 | Sphere47 | SS15_001 | Sphere30 | 5.4 | 0.5 | 5.4 |
| SS15_004 | SA15_01 | SS15_001 | Sphere35 | 3.1 | 2.4 | 2.0 |
| SS15_004 | Sphere65 | SS15_001 | Sphere22 | 5.3 | 5.3 | 0.6 |
| SS15_004 | SA15_03 | SS15_001 | Sphere24 | 5.2 | 4.4 | 2.9 |
| SS15_004 | SA15_02 | SS15_001 | Sphere19 | 8.4 | 8.0 | 2.6 |
| SS15_004 | Sphere52 | SS15_001 | Sphere32 | 5.5 | 2.5 | 4.9 |
| SS15_004 | SA15_09 | SS15_001 | Sphere29 | 5.7 | 5.4 | 1.8 |
| SS15_004 | SA15_01 | SS15_002 | Sphere 35 | 2.0 | 1.9 | 0.5 |
| SS15_004 | SA15_09 | SS15_002 | Sphere29 | 3.4 | 3.3 | 0.5 |
| SS15_004 | SA15_03 | SS15_002 | Sphere24 | 3.0 | 2.3 | 1.9 |
| SS15_004 | Sphere40 | SS15_003 | Sphere40 | 50.6 | 44.5 | 24.2 |
| SS15_004 | Sphere44 | SS15_003 | Sphere44 | 3.5 | 1.7 | 3.0 |
| SS15_004 | SA15_03 | SS15_003 | SA15_03 | 3.7 | 2.7 | 2.6 |
| SS15_004 | SA15_01 | SS15_003 | SA15_01 | 4.8 | 4.7 | 0.9 |
| SS15_004 | Sphere47 | SS15_005 | Sphere47 | 3.7 | 1.5 | 3.4 |
| SS15_004 | Sphere64 | SS15_005 | Sphere64 | 2.5 | 2.2 | 1.1 |
| SS15_004 | SA15_03 | SS15_005 | SA15_03 | 2.3 | 1.3 | 1.8 |
| SS15_004 | Sphere47 | SS15_006 | Sphere30 | 4.2 | 3.9 | 1.5 |
| SS15_004 | SA15_09 | SS15_006 | Sphere29 | 1.2 | 0.8 | 1.0 |
| SS15_004 | SA15_02 | SS15_006 | Sphere19 | 6.5 | 6.4 | 1.3 |


| SS15_004 | SA15_01 | SS15_006 | Sphere35 | 10.9 | 10.7 | 2.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_004 | SA15_03 | SS15_006 | Sphere24 | 1.4 | 1.3 | 0.6 |
| SS15_004 | SA15_09 | SS15_012 | SA15_09 | 9.5 | 9.4 | 1.2 |
| SS15_004 | SA15_03 | SS15_012 | SA15_03 | 11.1 | 10.4 | 4.0 |
| SS15_004 | Sphere47 | SS15_013 | Sphere47 | 14.4 | 12.6 | 7.0 |
| SS15_004 | SA15_09 | SS15_013 | SA15_09 | 13.0 | 12.9 | 0.6 |
| SS15_004 | SA15_03 | SS15_013 | SA15_03 | 13.4 | 13.4 | 1.0 |
| SS15_004 | SA15_11 | SS15_013 | SA15_11 | 8.6 | 7.6 | 4.1 |
| SS15_004 | Sphere44 | SS15_033 | Sphere31 | 1.5 | 1.0 | 1.1 |
| SS15_004 | SA15_09 | SS15_033 | Sphere29 | 8.0 | 7.9 | 1.1 |
| SS15_004 | Sphere52 | SS15_033 | Sphere 32 | 2.6 | 2.1 | 1.6 |
| SS15_004 | SA15_11 | SS15_033 | Sphere406 | 3.1 | 3.0 | 0.8 |
| SS15_004 | SA15_09 | SS15_034 | Sphere29 | 3.6 | 3.4 | 1.2 |
| SS15_004 | SA15_11 | SS15_034 | Sphere406 | 4.1 | 4.1 | 0.4 |
| SS15_004 | SA15_09 | SS15_020 | SA15_09 | 11.2 | 10.8 | 2.8 |
| SS15_004 | SA15_11 | SS15_020 | SA15_11 | 14.3 | 14.2 | 1.6 |
| SS15_004 | SA15_01 | SS15_041 | Sphere35 | 16.1 | 14.8 | 6.3 |
| SS15_004 | Sphere61 | SS15_038 | Sphere28 | 10.4 | 9.3 | 4.5 |
| SS15_004 | SA15_01 | SS15_038 | Sphere35 | 14.7 | 14.7 | 0.1 |
| SS15_004 | Sphere58 | SS15_038 | Sphere467 | 6.0 | 4.9 | 3.4 |
| SS15_004 | SA15_01 | SS15_040 | Sphere35 | 17.4 | 17.0 | 3.7 |
| SS15_004 | Sphere65 | SS15_040 | Sphere22 | 3.0 | 3.0 | 0.1 |
| SS15_004 | SA15_09 | SS15_015 | SA15_09 | 13.4 | 13.1 | 3.1 |
| SS15_004 | SA15_03 | SS15_015 | SA15_03 | 12.8 | 12.7 | 1.7 |
| SS15_004 | SA15_09 | SS15_016 | SA15_09 | 13.5 | 13.4 | 1.5 |
| SS15_004 | SA15_09 | SS15_017 | SA15_09 | 12.1 | 12.0 | 1.7 |
| SS15_004 | Sphere64 | SS15_017 | Sphere64 | 18.8 | 18.8 | 1.6 |
| SS15_004 | SA15_09 | SS15_019 | SA15_09 | 9.8 | 9.2 | 3.4 |
| SS15_004 | SA15_11 | SS15_019 | SA15_11 | 12.6 | 12.6 | 0.1 |
| SS15_004 | SA15_09 | SS15_027 | Sphere257 | 6.7 | 6.6 | 1.1 |
| SS15_004 | SA15_09 | SS15_024 | Sphere257 | 8.5 | 8.3 | 1.8 |
| SS15_004 | SA15_09 | SS15_025 | Sphere257 | 10.1 | 10.0 | 1.6 |
| SS15_004 | SA15_09 | SS15_035 | SA15_09 | 13.6 | 12.3 | 5.7 |
| SS15_004 | Sphere59 | SS15_035 | Sphere59 | 15.2 | 12.6 | 8.4 |
| SS15_004 | SA15_09 | SS15_036 | SA15_09 | 13.3 | 12.1 | 5.6 |
| SS15_004 | Sphere64 | SS15_043 | Sphere64 | 16.5 | 16.5 | 0.7 |
| SS15_004 | Sphere64 | SS15_046 | Sphere64 | 22.1 | 22.1 | 0.0 |
| SS15_004 | Sphere52 | SS15_029 | Sphere45 | 17.2 | 17.0 | 2.8 |
| SS15_004 | SA15_11 | SS15_037 | SA15_11 | 11.6 | 10.4 | 5.3 |
| SS15_005 | SA15 02 | SS15 000 | Sphere19 | 14.6 | 14.6 | 1.0 |


| SS15_005 | SA15_03 | SS15_000 | Sphere24 | 6.3 | 6.3 | 0.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_005 | Sphere47 | SS15_001 | Sphere30 | 8.9 | 1.5 | 8.8 |
| SS15_005 | SA15_01 | SS15_001 | Sphere35 | 6.2 | 6.1 | 0.8 |
| SS15_005 | SA15_03 | SS15_001 | Sphere24 | 3.3 | 3.1 | 1.0 |
| SS15_005 | SA15_02 | SS15_001 | Sphere19 | 11.6 | 11.2 | 2.9 |
| SS15_005 | Sphere52 | SS15_001 | Sphere32 | 5.9 | 1.1 | 5.8 |
| SS15_005 | SA15_01 | SS15_002 | Sphere35 | 6.7 | 6.7 | 0.7 |
| SS15_005 | SA15_03 | SS15_002 | Sphere24 | 1.2 | 1.2 | 0.0 |
| SS15_005 | Sphere 36 | SS15_003 | Sphere36 | 6.3 | 6.2 | 0.7 |
| SS15_005 | SA15_01 | SS15_003 | SA15_01 | 3.9 | 3.8 | 0.3 |
| SS15_005 | SA15_02 | SS15_004 | SA15_02 | 4.3 | 4.3 | 0.4 |
| SS15_005 | Sphere51 | SS15_004 | Sphere51 | 0.4 | 0.1 | 0.4 |
| SS15_005 | SA15_01 | SS15_004 | SA15_01 | 8.6 | 8.5 | 1.2 |
| SS15_005 | Sphere52 | SS15_004 | Sphere52 | 1.7 | 1.4 | 1.0 |
| SS15_005 | Sphere 71 | SS15_018 | Sphere71 | 16.3 | 15.9 | 3.7 |
| SS15_005 | Sphere 71 | SS15_021 | Sphere71 | 19.1 | 19.0 | 1.3 |
| SS15_005 | Sphere 72 | SS15_021 | Sphere72 | 16.9 | 16.9 | 0.5 |
| SS15_005 | Sphere 71 | SS15_023 | Sphere71 | 19.6 | 19.0 | 4.8 |
| SS15_005 | Sphere 72 | SS15_023 | Sphere72 | 14.8 | 14.3 | 3.9 |
| SS15_005 | Sphere 71 | SS15_019 | Sphere71 | 15.9 | 15.3 | 4.2 |
| SS15_005 | Sphere 71 | SS15_020 | Sphere71 | 16.4 | 16.3 | 2.3 |
| SS15_005 | Sphere 71 | SS15_027 | Sphere71 | 16.0 | 11.4 | 11.3 |
| SS15_005 | Sphere 71 | SS15_024 | Sphere71 | 18.8 | 17.8 | 5.9 |
| SS15_005 | Sphere 72 | SS15_024 | Sphere72 | 14.6 | 13.9 | 4.4 |
| SS15_005 | Sphere 72 | SS15_025 | Sphere72 | 13.6 | 12.7 | 4.9 |
| SS15_005 | Sphere 71 | SS15_026 | Sphere71 | 11.1 | 5.7 | 9.5 |
| SS15_005 | Sphere 71 | SS15_030 | Sphere72 | 22.2 | 19.9 | 9.7 |
| SS15_005 | Sphere72 | SS15_030 | Sphere110 | 17.5 | 13.6 | 10.9 |
| SS15_005 | Sphere 71 | SS15_031 | Sphere 71 | 24.5 | 23.1 | 8.3 |
| SS15_005 | Sphere 71 | SS15_029 | Sphere110 | 22.4 | 21.8 | 5.2 |
| SS15_005 | Sphere52 | SS15_029 | Sphere45 | 18.0 | 17.7 | 3.7 |
| SS15_005 | Sphere 72 | SS15_029 | Sphere98 | 13.6 | 12.4 | 5.5 |
| SS15_005 | Sphere 71 | SS15_039 | Sphere71 | 10.8 | 5.8 | 9.2 |
| SS15_005 | Sphere 72 | SS15_039 | Sphere 72 | 6.6 | 4.3 | 5.0 |
| SS15_005 | SA15_01 | SS15_039 | SA15_01 | 15.9 | 15.3 | 4.2 |
| SS15_005 | Sphere 71 | SS15_032 | Sphere71 | 21.8 | 20.5 | 7.4 |
| SS15_005 | Sphere 71 | SS15_034 | Sphere98 | 7.8 | 6.9 | 3.6 |
| SS15_005 | Sphere52 | SS15_034 | Sphere32 | 5.5 | 5.5 | 0.4 |
| SS15_005 | Sphere 71 | SS15_038 | Sphere98 | 7.5 | 5.0 | 5.6 |
| SS15_005 | Sphere 72 | SS15_038 | Sphere142 | 7.2 | 4.8 | 5.4 |


| SS15_005 | SA15_01 | SS15_038 | Sphere35 | 16.4 | 16.3 | 1.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_005 | Sphere 71 | SS15_044 | Sphere71 | 23.5 | 23.5 | 0.4 |
| SS15_005 | Sphere 71 | SS15_041 | Sphere98 | 13.1 | 12.3 | 4.4 |
| SS15_005 | SA15_01 | SS15_041 | Sphere35 | 15.5 | 14.6 | 5.1 |
| SS15_005 | Sphere71 | SS15_042 | Sphere98 | 16.5 | 14.5 | 7.8 |
| SS15_005 | Sphere72 | SS15_042 | Sphere142 | 13.7 | 12.9 | 4.5 |
| SS15_005 | Sphere 71 | SS15_043 | Sphere71 | 22.9 | 22.6 | 3.7 |
| SS15_005 | Sphere72 | SS15_043 | Sphere72 | 20.2 | 19.9 | 3.3 |
| SS15_005 | Sphere64 | SS15_043 | Sphere64 | 15.1 | 15.0 | 1.8 |
| SS15_005 | Sphere71 | SS15_047 | Sphere71 | 23.3 | 23.3 | 0.5 |
| SS15_005 | Sphere 72 | SS15_047 | Sphere 72 | 20.6 | 20.6 | 0.4 |
| SS15_005 | Sphere 71 | SS15_045 | Sphere71 | 24.5 | 24.5 | 0.1 |
| SS15_005 | SA15_02 | SS15_006 | Sphere19 | 2.4 | 2.2 | 1.0 |
| SS15_005 | SA15_01 | SS15_006 | Sphere35 | 4.0 | 3.9 | 1.0 |
| SS15_005 | SA15_03 | SS15_006 | Sphere24 | 1.2 | 0.2 | 1.2 |
| SS15_005 | Sphere47 | SS15_006 | Sphere30 | 3.2 | 2.6 | 1.8 |
| SS15_005 | Sphere52 | SS15_033 | Sphere32 | 2.9 | 1.3 | 2.6 |
| SS15_005 | SA15_01 | SS15_040 | Sphere35 | 16.0 | 15.8 | 2.4 |
| SS15_005 | Sphere 72 | SS15_011 | Sphere 72 | 13.0 | 12.0 | 4.9 |
| SS15_005 | SA15_03 | SS15_012 | SA15_03 | 10.8 | 9.1 | 5.8 |
| SS15_005 | SA15_03 | SS15_013 | SA15_03 | 13.6 | 13.5 | 0.8 |
| SS15_005 | Sphere64 | SS15_017 | Sphere64 | 20.1 | 20.0 | 0.6 |
| SS15_006 | Sphere 12 | SS15_000 | Sphere12 | 8.8 | 8.4 | 2.6 |
| SS15_006 | Sphere 1 | SS15_000 | Sphere 1 | 37.5 | 37.5 | 1.3 |
| SS15_006 | Sphere10 | SS15_000 | Sphere10 | 17.0 | 16.4 | 4.2 |
| SS15_006 | Sphere 35 | SS15_002 | Sphere35 | 9.3 | 9.1 | 1.7 |
| SS15_006 | Sphere 29 | SS15_002 | Sphere29 | 2.6 | 2.6 | 0.4 |
| SS15_006 | Sphere24 | SS15_002 | Sphere24 | 1.6 | 1.1 | 1.2 |
| SS15_006 | Sphere 76 | SS15_004 | Sphere57 | 8.3 | 8.2 | 0.9 |
| SS15_006 | Sphere 12 | SS15_004 | Sphere51 | 2.6 | 1.9 | 1.7 |
| SS15_006 | Sphere59 | SS15_004 | Sphere55 | 12.6 | 12.6 | 0.4 |
| SS15_006 | Sphere 12 | SS15_005 | Sphere51 | 2.3 | 1.9 | 1.4 |
| SS15_006 | Sphere35 | SS15_041 | Sphere35 | 12.6 | 11.9 | 4.1 |
| SS15_006 | Sphere76 | SS15_020 | Sphere57 | 20.8 | 20.5 | 4.0 |
| SS15_006 | Sphere29 | SS15_015 | SA15_09 | 13.8 | 13.6 | 2.2 |
| SS15_006 | Sphere 29 | SS15_024 | Sphere257 | 9.1 | 9.1 | 0.8 |
| SS15_007 | Sphere98 | SS15_008 | Sphere98 | 4.5 | 4.2 | 1.6 |
| SS15_007 | Sphere94 | SS15_008 | Sphere94 | 2.6 | 2.0 | 1.6 |
| SS15_007 | Sphere97 | SS15_008 | Sphere97 | 3.3 | 2.2 | 2.5 |
| SS15_007 | SA15_26 | SS15_008 | SA15_26 | 1.1 | 1.0 | 0.5 |


| SS15_007 | SA15_16 | SS15_008 | SA15_16 | 5.0 | 5.0 | 0.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_007 | Sphere103 | SS15_008 | Sphere103 | 1.3 | 0.9 | 1.0 |
| SS15_007 | Sphere97 | SS15_011 | Sphere97 | 11.2 | 2.8 | 10.8 |
| SS15_007 | SA15_16 | SS15_011 | SA15_16 | 1.5 | 1.4 | 0.5 |
| SS15_007 | SA15_17 | SS15_011 | SA15_17 | 4.9 | 4.9 | 0.5 |
| SS15_007 | SA15_07 | SS15_011 | SA15_07 | 12.6 | 12.6 | 0.6 |
| SS15_007 | Sphere98 | SS15_022 | Sphere98 | 8.4 | 8.4 | 0.9 |
| SS15_007 | Sphere94 | SS15_022 | Sphere238 | 64.9 | 64.9 | 0.1 |
| SS15_007 | Sphere103 | SS15_022 | Sphere103 | 2.9 | 2.7 | 1.2 |
| SS15_007 | SA15_07 | SS15_022 | SA15_07 | 12.3 | 12.2 | 1.2 |
| SS15_007 | Sphere99 | SS15_031 | Sphere99 | 1.9 | 1.8 | 0.7 |
| SS15_007 | Sphere88 | SS15_031 | Sphere88 | 4.0 | 3.7 | 1.5 |
| SS15_007 | Sphere97 | SS15_029 | Sphere340 | 6.2 | 6.1 | 0.9 |
| SS15_007 | SA15_07 | SS15_029 | Sphere305 | 9.1 | 8.6 | 3.1 |
| SS15_007 | Sphere89 | SS15_032 | Sphere89 | 6.8 | 5.9 | 3.4 |
| SS15_007 | Sphere97 | SS15_032 | Sphere97 | 8.5 | 4.9 | 7.0 |
| SS15_007 | Sphere88 | SS15_032 | Sphere88 | 4.9 | 3.6 | 3.3 |
| SS15_007 | SA15_06 | SS15_032 | SA15_06 | 3.6 | 3.6 | 0.6 |
| SS15_007 | SA15_07 | SS15_032 | SA15_07 | 8.5 | 8.2 | 1.9 |
| SS15_007 | SA15_17 | SS15_047 | SA15_17 | 15.6 | 15.4 | 2.7 |
| SS15_007 | Sphere91 | SS15_048 | Sphere91 | 10.1 | 9.8 | 2.2 |
| SS15_007 | Sphere97 | SS15_048 | Sphere97 | 16.1 | 15.7 | 3.3 |
| SS15_007 | SA15_17 | SS15_048 | SA15_17 | 15.8 | 15.7 | 1.5 |
| SS15_007 | Sphere91 | SS15_049 | Sphere91 | 24.7 | 16.3 | 18.5 |
| SS15_007 | Sphere96 | SS15_010 | Sphere96 | 7.7 | 7.7 | 0.1 |
| SS15_007 | Sphere97 | SS15_010 | Sphere97 | 6.3 | 6.0 | 2.0 |
| SS15_007 | SA15_16 | SS15_010 | SA15_16 | 14.5 | 14.0 | 3.9 |
| SS15_007 | Sphere96 | SS15_023 | Sphere96 | 3.8 | 2.6 | 2.9 |
| SS15_007 | Sphere99 | SS15_023 | Sphere99 | 3.2 | 2.7 | 1.6 |
| SS15_007 | Sphere97 | SS15_023 | Sphere97 | 4.1 | 3.9 | 1.3 |
| SS15_007 | Sphere83 | SS15_023 | Sphere83 | 19.4 | 19.1 | 3.2 |
| SS15_007 | Sphere42 | SS15_023 | Sphere42 | 6.4 | 5.4 | 3.4 |
| SS15_007 | Sphere87 | SS15_023 | Sphere87 | 5.8 | 5.7 | 0.8 |
| SS15_007 | SA15_07 | SS15_023 | SA15_07 | 13.8 | 13.8 | 0.2 |
| SS15_007 | Sphere97 | SS15_046 | Sphere97 | 9.7 | 9.7 | 0.2 |
| SS15_007 | Sphere98 | SS15_021 | Sphere98 | 8.3 | 8.3 | 0.6 |
| SS15_007 | Sphere97 | SS15_021 | Sphere97 | 11.9 | 10.3 | 5.9 |
| SS15_007 | SA15_06 | SS15_021 | SA15_06 | 8.8 | 8.6 | 1.9 |
| SS15_007 | Sphere98 | SS15_025 | Sphere98 | 7.3 | 7.2 | 1.2 |
| SS15_007 | Sphere99 | SS15_025 | Sphere99 | 4.8 | 3.6 | 3.2 |


| SS15_007 | SA15_07 | SS15_025 | SA15_07 | 15.1 | 14.9 | 2.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_007 | Sphere 98 | SS15_043 | Sphere98 | 4.9 | 4.8 | 0.7 |
| SS15_007 | Sphere97 | SS15_043 | Sphere97 | 7.0 | 7.0 | 0.4 |
| SS15_007 | SA15_17 | SS15_043 | SA15_17 | 16.7 | 16.7 | 1.2 |
| SS15_007 | SA15_07 | SS15_043 | SA15_07 | 7.0 | 6.8 | 1.7 |
| SS15_007 | Sphere98 | SS15_054 | Sphere98 | 6.0 | 4.2 | 4.3 |
| SS15_007 | Sphere97 | SS15_054 | Sphere97 | 18.7 | 17.3 | 7.1 |
| SS15_007 | Sphere 105 | SS15_024 | Sphere105 | 20.3 | 20.2 | 1.6 |
| SS15_007 | SA15_07 | SS15_030 | Sphere366 | 9.0 | 7.1 | 5.5 |
| SS15_007 | Sphere92 | SS15_052 | Sphere92 | 4.7 | 3.4 | 3.3 |
| SS15_007 | SA15_07 | SS15_009 | SA15_07 | 5.3 | 5.2 | 0.6 |
| SS15_007 | Sphere97 | SS15_044 | Sphere97 | 7.8 | 7.3 | 2.9 |
| SS15_007 | SA15_17 | SS15_044 | SA15_17 | 16.1 | 16.0 | 1.5 |
| SS15_007 | Sphere 101 | SS15_044 | Sphere101 | 4.4 | 4.2 | 1.3 |
| SS15_007 | Sphere97 | SS15_045 | Sphere97 | 13.3 | 13.1 | 2.3 |
| SS15_007 | SA15_17 | SS15_045 | SA15_17 | 15.5 | 15.5 | 1.2 |
| SS15_007 | SA15_26 | SS15_016 | SA15_26 | 14.6 | 14.6 | 0.4 |
| SS15_007 | Sphere103 | SS15_016 | Sphere103 | 7.8 | 7.8 | 0.3 |
| SS15_007 | SA15_06 | SS15_015 | SA15_06 | 13.6 | 13.6 | 0.8 |
| SS15_007 | Sphere103 | SS15_017 | Sphere103 | 7.4 | 6.1 | 4.2 |
| SS15_007 | Sphere42 | SS15_019 | Sphere42 | 12.5 | 12.5 | 1.2 |
| SS15_007 | Sphere103 | SS15_018 | Sphere103 | 4.5 | 4.4 | 0.4 |
| SS15_007 | Sphere103 | SS15_035 | Sphere103 | 5.7 | 5.6 | 1.0 |
| SS15_007 | Sphere42 | SS15_035 | Sphere42 | 7.3 | 7.3 | 0.3 |
| SS15_007 | Sphere 42 | SS15_036 | Sphere42 | 8.9 | 8.8 | 0.6 |
| SS15_007 | SA15_06 | SS15_027 | Sphere254 | 7.3 | 7.2 | 1.2 |
| SS15_007 | SA15_06 | SS15_026 | Sphere254 | 5.4 | 3.6 | 4.0 |
| SS15_007 | SA15_07 | SS15_038 | Sphere466 | 13.5 | 13.5 | 1.1 |
| SS15_007 | SA15_07 | SS15_041 | Sphere466 | 9.4 | 9.4 | 0.3 |
| SS15_008 | Sphere 91 | SS15_007 | Sphere91 | 1.5 | 1.5 | 0.3 |
| SS15_008 | Sphere99 | SS15_007 | Sphere99 | 2.3 | 2.2 | 0.3 |
| SS15_008 | Sphere84 | SS15_007 | Sphere84 | 3.4 | 1.7 | 3.0 |
| SS15_008 | Sphere83 | SS15_007 | Sphere83 | 6.0 | 4.5 | 3.9 |
| SS15_008 | SA15_17 | SS15_007 | SA15_17 | 8.2 | 8.1 | 1.1 |
| SS15_008 | Sphere101 | SS15_007 | Sphere101 | 1.4 | 1.0 | 0.9 |
| SS15_008 | SA15_06 | SS15_007 | SA15_06 | 1.8 | 1.0 | 1.5 |
| SS15_008 | Sphere104 | SS15_007 | Sphere104 | 4.6 | 3.2 | 3.4 |
| SS15_008 | Sphere90 | SS15_007 | Sphere90 | 5.9 | 4.8 | 3.5 |
| SS15_008 | Sphere87 | SS15_007 | Sphere87 | 1.1 | 0.9 | 0.7 |
| SS15_008 | SA15_07 | SS15_007 | SA15_07 | 1.9 | 1.9 | 0.2 |


| SS15_008 | SA15_16 | SS15_010 | SA15_16 | 16.6 | 16.1 | 4.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_008 | Sphere97 | SS15_010 | Sphere97 | 4.2 | 4.2 | 0.5 |
| SS15_008 | SA15_07 | SS15_010 | SA15_07 | 7.2 | 7.2 | 0.1 |
| SS15_008 | Sphere114 | SS15_011 | Sphere114 | 7.8 | 7.8 | 0.4 |
| SS15_008 | SA15_16 | SS15_011 | SA15_16 | 6.0 | 6.0 | 0.9 |
| SS15_008 | Sphere101 | SS15_011 | Sphere101 | 2.0 | 2.0 | 0.4 |
| SS15_008 | SA15_06 | SS15_011 | SA15_06 | 0.8 | 0.4 | 0.7 |
| SS15_008 | SA15_07 | SS15_011 | SA15_07 | 12.0 | 11.9 | 0.8 |
| SS15_008 | SA15_17 | SS15_011 | SA15_17 | 3.7 | 3.4 | 1.5 |
| SS15_008 | Sphere 90 | SS15_031 | Sphere90 | 3.4 | 3.1 | 1.5 |
| SS15_008 | Sphere 99 | SS15_031 | Sphere99 | 1.2 | 0.5 | 1.0 |
| SS15_008 | SA15_07 | SS15_031 | SA15_07 | 4.7 | 3.4 | 3.2 |
| SS15_008 | SA15_17 | SS15_031 | SA15_17 | 10.9 | 10.9 | 0.5 |
| SS15_008 | Sphere 116 | SS15_044 | Sphere116 | 4.1 | 3.8 | 1.5 |
| SS15_008 | Sphere90 | SS15_044 | Sphere90 | 11.4 | 9.6 | 6.3 |
| SS15_008 | Sphere101 | SS15_044 | Sphere101 | 4.4 | 3.8 | 2.2 |
| SS15_008 | Sphere122 | SS15_044 | Sphere122 | 5.5 | 2.0 | 5.2 |
| SS15_008 | SA15_07 | SS15_044 | SA15_07 | 2.5 | 2.5 | 0.3 |
| SS15_008 | Sphere97 | SS15_044 | Sphere97 | 9.1 | 7.4 | 5.3 |
| SS15_008 | SA15_17 | SS15_044 | SA15_17 | 14.5 | 14.3 | 2.6 |
| SS15_008 | Sphere 110 | SS15_044 | Sphere110 | 5.7 | 5.5 | 1.6 |
| SS15_008 | Sphere114 | SS15_047 | Sphere114 | 0.6 | 0.5 | 0.4 |
| SS15_008 | Sphere91 | SS15_047 | Sphere91 | 10.7 | 10.4 | 2.1 |
| SS15_008 | SA15_17 | SS15_047 | SA15_17 | 14.2 | 13.7 | 3.8 |
| SS15_008 | Sphere 115 | SS15_050 | Sphere115 | 18.7 | 15.6 | 10.3 |
| SS15_008 | Sphere 116 | SS15_045 | Sphere116 | 8.5 | 8.3 | 1.8 |
| SS15_008 | SA15_17 | SS15_045 | SA15_17 | 14.9 | 14.7 | 2.2 |
| SS15_008 | Sphere117 | SS15_023 | Sphere117 | 7.8 | 7.7 | 1.2 |
| SS15_008 | Sphere99 | SS15_023 | Sphere99 | 4.7 | 4.2 | 2.0 |
| SS15_008 | Sphere87 | SS15_023 | Sphere87 | 6.7 | 6.6 | 1.5 |
| SS15_008 | Sphere 83 | SS15_023 | Sphere83 | 24.6 | 23.6 | 7.2 |
| SS15_008 | SA15_07 | SS15_023 | SA15_07 | 14.5 | 14.5 | 0.0 |
| SS15_008 | Sphere97 | SS15_023 | Sphere97 | 2.2 | 1.9 | 1.2 |
| SS15_008 | Sphere110 | SS15_023 | Sphere110 | 6.3 | 6.2 | 1.2 |
| SS15_008 | Sphere 91 | SS15_048 | Sphere91 | 11.1 | 10.8 | 2.5 |
| SS15_008 | SA15_17 | SS15_048 | SA15_17 | 14.4 | 14.1 | 2.6 |
| SS15_008 | Sphere 121 | SS15_021 | Sphere121 | 21.0 | 20.5 | 4.3 |
| SS15_008 | SA15_06 | SS15_021 | SA15_06 | 9.5 | 9.4 | 0.4 |
| SS15_008 | SA15_07 | SS15_021 | SA15_07 | 13.0 | 12.9 | 0.8 |
| SS15_008 | Sphere91 | SS15_022 | Sphere91 | 6.3 | 5.5 | 3.0 |


| SS15_008 | Sphere 98 | SS15_022 | Sphere 98 | 4.6 | 4.6 | 0.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_008 | SA15_07 | SS15_022 | SA15_07 | 13.6 | 13.5 | 1.0 |
| SS15_008 | Sphere103 | SS15_022 | Sphere103 | 3.3 | 2.5 | 2.2 |
| SS15_008 | Sphere91 | SS15_029 | Sphere117 | 4.4 | 3.1 | 3.1 |
| SS15_008 | SA15_07 | SS15_029 | Sphere305 | 7.9 | 7.4 | 2.9 |
| SS15_008 | Sphere 97 | SS15_029 | Sphere340 | 7.4 | 6.6 | 3.3 |
| SS15_008 | SA15_17 | SS15_029 | Sphere304 | 9.3 | 9.2 | 1.4 |
| SS15_008 | Sphere91 | SS15_032 | Sphere91 | 3.2 | 2.1 | 2.5 |
| SS15_008 | Sphere 122 | SS15_032 | Sphere122 | 25.0 | 24.8 | 3.1 |
| SS15_008 | SA15_06 | SS15_032 | SA15_06 | 3.2 | 3.0 | 0.9 |
| SS15_008 | SA15_07 | SS15_032 | SA15_07 | 7.2 | 7.0 | 1.7 |
| SS15_008 | Sphere 97 | SS15_032 | Sphere97 | 10.5 | 4.6 | 9.4 |
| SS15_008 | SA15_17 | SS15_032 | SA15_17 | 10.0 | 9.8 | 1.6 |
| SS15_008 | Sphere91 | SS15_049 | Sphere91 | 25.4 | 17.7 | 18.2 |
| SS15_008 | Sphere 101 | SS15_025 | Sphere268 | 4.4 | 0.5 | 4.4 |
| SS15_008 | Sphere99 | SS15_025 | Sphere99 | 6.8 | 5.8 | 3.5 |
| SS15_008 | Sphere 98 | SS15_025 | Sphere98 | 5.7 | 5.7 | 0.4 |
| SS15_008 | SA15_07 | SS15_025 | SA15_07 | 15.1 | 14.9 | 2.0 |
| SS15_008 | Sphere 87 | SS15_024 | Sphere87 | 8.5 | 8.4 | 1.3 |
| SS15_008 | SA15_06 | SS15_024 | Sphere254 | 4.9 | 2.3 | 4.3 |
| SS15_008 | Sphere 122 | SS15_030 | Sphere368 | 2.0 | 0.9 | 1.8 |
| SS15_008 | SA15_07 | SS15_030 | Sphere366 | 7.9 | 5.9 | 5.3 |
| SS15_008 | SA15_17 | SS15_030 | Sphere363 | 9.4 | 8.9 | 2.8 |
| SS15_008 | SA15_07 | SS15_043 | SA15_07 | 5.8 | 5.6 | 1.5 |
| SS15_008 | Sphere97 | SS15_043 | Sphere97 | 7.7 | 7.1 | 2.9 |
| SS15_008 | SA15_17 | SS15_043 | SA15_17 | 12.5 | 12.3 | 2.3 |
| SS15_008 | Sphere98 | SS15_054 | Sphere98 | 7.8 | 4.9 | 6.0 |
| SS15_008 | Sphere97 | SS15_054 | Sphere97 | 17.5 | 16.9 | 4.7 |
| SS15_008 | Sphere 103 | SS15_017 | Sphere103 | 7.5 | 6.8 | 3.2 |
| SS15_008 | Sphere 110 | SS15_017 | Sphere110 | 7.6 | 6.4 | 4.1 |
| SS15_008 | Sphere 103 | SS15_018 | Sphere103 | 5.1 | 4.9 | 1.5 |
| SS15_008 | SA15_07 | SS15_009 | SA15_07 | 7.0 | 7.0 | 0.4 |
| SS15_008 | SA15_06 | SS15_015 | SA15_06 | 14.2 | 14.0 | 2.3 |
| SS15_008 | SA15_26 | SS15_016 | SA15_26 | 15.6 | 15.6 | 0.9 |
| SS15_008 | Sphere 121 | SS15_016 | Sphere121 | 22.1 | 22.1 | 1.4 |
| SS15_008 | SA15_06 | SS15_016 | SA15_06 | 15.4 | 15.4 | 0.2 |
| SS15_008 | Sphere 103 | SS15_016 | Sphere103 | 7.3 | 7.2 | 1.3 |
| SS15_008 | Sphere 121 | SS15_020 | Sphere121 | 22.4 | 22.2 | 3.2 |
| SS15_008 | Sphere 122 | SS15_046 | Sphere122 | 14.6 | 13.7 | 4.9 |
| SS15_008 | Sphere97 | SS15_046 | Sphere97 | 10.1 | 9.9 | 2.3 |


| SS15_008 | SA15_06 | SS15_027 | Sphere254 | 6.9 | 6.4 | 2.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_008 | SA15_06 | SS15_026 | Sphere254 | 6.2 | 2.7 | 5.5 |
| SS15_008 | SA15_17 | SS15_028 | Sphere304 | 5.2 | 5.0 | 1.3 |
| SS15_008 | SA15_07 | SS15_038 | Sphere466 | 13.1 | 13.1 | 0.9 |
| SS15_008 | SA15_07 | SS15_041 | Sphere466 | 8.6 | 8.6 | 0.5 |
| SS15_008 | Sphere103 | SS15_035 | Sphere103 | 5.4 | 5.0 | 2.0 |
| SS15_009 | Sphere94 | SS15_007 | Sphere94 | 7.9 | 7.7 | 1.4 |
| SS15_009 | Sphere 133 | SS15_007 | SA15_26 | 3.8 | 3.8 | 0.2 |
| SS15_009 | Sphere128 | SS15_010 | Sphere128 | 7.0 | 6.8 | 1.6 |
| SS15_009 | Sphere129 | SS15_010 | Sphere129 | 54.1 | 53.9 | 3.4 |
| SS15_009 | Sphere133 | SS15_008 | SA15_26 | 3.7 | 3.6 | 0.8 |
| SS15_009 | Sphere94 | SS15_008 | Sphere94 | 9.9 | 9.4 | 3.0 |
| SS15_009 | Sphere129 | SS15_046 | Sphere129 | 59.4 | 59.3 | 4.6 |
| SS15_009 | SA15_07 | SS15_011 | SA15_07 | 13.2 | 13.1 | 1.3 |
| SS15_009 | Sphere133 | SS15_011 | SA15_26 | 6.1 | 6.1 | 0.6 |
| SS15_009 | Sphere133 | SS15_016 | SA15_26 | 15.8 | 15.8 | 0.1 |
| SS15_009 | Sphere124 | SS15_017 | Sphere124 | 8.6 | 7.7 | 3.8 |
| SS15_009 | SA15_07 | SS15_022 | SA15_07 | 7.5 | 7.5 | 0.6 |
| SS15_009 | Sphere94 | SS15_022 | Sphere238 | 72.3 | 72.2 | 1.6 |
| SS15_009 | Sphere133 | SS15_022 | SA15_26 | 6.3 | 6.3 | 0.6 |
| SS15_009 | SA15_07 | SS15_023 | SA15_07 | 10.3 | 10.3 | 0.4 |
| SS15_009 | Sphere 133 | SS15_023 | SA15_26 | 8.0 | 7.9 | 1.2 |
| SS15_009 | Sphere133 | SS15_020 | SA15_26 | 15.1 | 15.0 | 1.2 |
| SS15_009 | SA15_07 | SS15_025 | SA15_07 | 13.4 | 13.3 | 1.6 |
| SS15_009 | SA15_07 | SS15_030 | Sphere366 | 11.0 | 9.8 | 4.8 |
| SS15_009 | SA15_07 | SS15_032 | SA15_07 | 10.8 | 10.8 | 1.3 |
| SS15_009 | SA15_07 | SS15_038 | Sphere466 | 13.2 | 13.2 | 0.4 |
| SS15_009 | SA15_07 | SS15_043 | SA15_07 | 9.6 | 9.5 | 1.0 |
| SS15_009 | Sphere94 | SS15_053 | Sphere94 | 3.1 | 3.1 | 0.1 |
| SS15_009 | Sphere 133 | SS15_015 | SA15_26 | 15.5 | 15.5 | 0.6 |
| SS15_009 | Sphere 133 | SS15_019 | SA15_26 | 12.6 | 12.0 | 3.9 |
| SS15_010 | SA15_26 | SS15_007 | SA15_26 | 6.0 | 4.7 | 3.7 |
| SS15_010 | SA15_17 | SS15_007 | SA15_17 | 5.9 | 5.7 | 1.6 |
| SS15_010 | SA15_06 | SS15_007 | SA15_06 | 4.7 | 4.1 | 2.4 |
| SS15_010 | SA15_07 | SS15_007 | SA15_07 | 5.3 | 5.3 | 0.1 |
| SS15_010 | Sphere 95 | SS15_007 | Sphere95 | 38.9 | 38.2 | 7.2 |
| SS15_010 | Sphere 130 | SS15_009 | Sphere130 | 2.7 | 2.6 | 0.4 |
| SS15_010 | SA15_07 | SS15_009 | SA15_07 | 1.2 | 1.0 | 0.5 |
| SS15_010 | SA15_26 | SS15_009 | Sphere133 | 4.2 | 1.5 | 3.9 |
| SS15_010 | SA15_17 | SS15_008 | SA15_17 | 13.5 | 13.2 | 2.7 |


| SS15_010 | SA15_26 | SS15_008 | SA15_26 | 5.7 | 4.8 | 3.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_010 | SA15_06 | SS15_008 | SA15_06 | 5.1 | 5.0 | 0.8 |
| SS15_010 | SA15_17 | SS15_011 | SA15_17 | 9.9 | 9.8 | 1.2 |
| SS15_010 | SA15_26 | SS15_011 | SA15_26 | 7.4 | 6.7 | 3.3 |
| SS15_010 | SA15_07 | SS15_011 | SA15_07 | 14.1 | 14.1 | 0.7 |
| SS15_010 | SA15_06 | SS15_011 | SA15_06 | 5.3 | 5.1 | 1.5 |
| SS15_010 | SA15_17 | SS15_030 | Sphere363 | 19.3 | 18.5 | 5.5 |
| SS15_010 | Sphere138 | SS15_030 | Sphere359 | 4.0 | 3.8 | 1.4 |
| SS15_010 | SA15_07 | SS15_030 | Sphere366 | 11.9 | 10.6 | 5.4 |
| SS15_010 | Sphere 137 | SS15_044 | Sphere137 | 6.6 | 5.6 | 3.5 |
| SS15_010 | SA15_17 | SS15_044 | SA15_17 | 16.3 | 16.3 | 0.2 |
| SS15_010 | SA15_07 | SS15_044 | SA15_07 | 8.6 | 8.6 | 0.4 |
| SS15_010 | SA15_17 | SS15_047 | SA15_17 | 15.7 | 15.7 | 1.0 |
| SS15_010 | Sphere137 | SS15_051 | Sphere137 | 13.1 | 12.9 | 2.4 |
| SS15_010 | Sphere137 | SS15_045 | Sphere137 | 9.5 | 8.6 | 3.9 |
| SS15_010 | SA15_17 | SS15_045 | SA15_17 | 15.2 | 15.1 | 0.5 |
| SS15_010 | Sphere138 | SS15_046 | Sphere138 | 2.1 | 2.0 | 0.4 |
| SS15_010 | Sphere 130 | SS15_046 | Sphere130 | 3.7 | 3.2 | 1.8 |
| SS15_010 | SA15_17 | SS15_031 | SA15_17 | 18.5 | 18.2 | 3.2 |
| SS15_010 | SA15_07 | SS15_031 | SA15_07 | 9.3 | 8.7 | 3.3 |
| SS15_010 | SA15_17 | SS15_028 | Sphere304 | 17.5 | 17.0 | 4.0 |
| SS15_010 | SA15_17 | SS15_029 | Sphere304 | 18.4 | 18.0 | 4.1 |
| SS15_010 | Sphere97 | SS15_029 | Sphere340 | 11.0 | 10.6 | 2.9 |
| SS15_010 | SA15_07 | SS15_029 | Sphere305 | 12.2 | 11.9 | 2.9 |
| SS15_010 | SA15_17 | SS15_032 | SA15_17 | 18.6 | 18.0 | 4.4 |
| SS15_010 | Sphere97 | SS15_032 | Sphere97 | 12.2 | 8.2 | 9.0 |
| SS15_010 | SA15_07 | SS15_032 | SA15_07 | 11.7 | 11.5 | 1.8 |
| SS15_010 | SA15_06 | SS15_032 | SA15_06 | 6.5 | 6.3 | 1.8 |
| SS15_010 | SA15_17 | SS15_043 | SA15_17 | 18.6 | 18.6 | 0.4 |
| SS15_010 | Sphere97 | SS15_043 | Sphere97 | 11.1 | 10.8 | 2.4 |
| SS15_010 | SA15_07 | SS15_043 | SA15_07 | 10.4 | 10.3 | 1.6 |
| SS15_010 | SA15_17 | SS15_048 | SA15_17 | 15.9 | 15.9 | 0.1 |
| SS15_010 | Sphere138 | SS15_048 | Sphere138 | 9.3 | 8.9 | 2.6 |
| SS15_010 | Sphere138 | SS15_053 | Sphere138 | 8.6 | 8.0 | 3.1 |
| SS15_010 | Sphere97 | SS15_023 | Sphere97 | 2.5 | 2.3 | 0.7 |
| SS15_010 | SA15_26 | SS15_023 | SA15_26 | 10.0 | 8.5 | 5.1 |
| SS15_010 | SA15_07 | SS15_023 | SA15_07 | 11.2 | 11.2 | 0.1 |
| SS15_010 | SA15_06 | SS15_023 | SA15_06 | 4.3 | 3.6 | 2.4 |
| SS15_010 | SA15_26 | SS15_021 | SA15_26 | 8.6 | 8.6 | 0.3 |
| SS15_010 | SA15_07 | SS15_021 | SA15_07 | 7.7 | 7.6 | 0.8 |


| SS15_010 | Sphere 141 | SS15_021 | Sphere141 | 31.5 | 31.5 | 0.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_010 | SA15_06 | SS15_021 | SA15_06 | 4.7 | 4.7 | 0.5 |
| SS15_010 | Sphere97 | SS15_054 | Sphere97 | 20.3 | 19.6 | 5.2 |
| SS15_010 | SA15_26 | SS15_015 | SA15_26 | 14.8 | 14.4 | 3.3 |
| SS15_010 | SA15_06 | SS15_015 | SA15_06 | 11.8 | 11.4 | 3.2 |
| SS15_010 | SA15_26 | SS15_016 | SA15_26 | 15.4 | 14.9 | 4.0 |
| SS15_010 | SA15_06 | SS15_016 | SA15_06 | 13.2 | 13.2 | 0.6 |
| SS15_010 | SA15_26 | SS15_022 | SA15_26 | 8.4 | 7.1 | 4.4 |
| SS15_010 | SA15_07 | SS15_022 | SA15_07 | 8.2 | 8.1 | 1.1 |
| SS15_010 | SA15_26 | SS15_019 | SA15_26 | 14.1 | 11.8 | 7.8 |
| SS15_010 | SA15_26 | SS15_020 | SA15_26 | 15.1 | 14.3 | 5.1 |
| SS15_010 | SA15_06 | SS15_024 | Sphere254 | 6.9 | 4.5 | 5.1 |
| SS15_010 | SA15_06 | SS15_027 | Sphere254 | 10.8 | 10.2 | 3.6 |
| SS15_010 | SA15_07 | SS15_025 | SA15_07 | 14.5 | 14.4 | 2.1 |
| SS15_010 | SA15_07 | SS15_038 | Sphere466 | 14.3 | 14.3 | 0.9 |
| SS15_010 | SA15_07 | SS15_041 | Sphere466 | 11.7 | 11.7 | 0.4 |
| SS15_010 | SA15_06 | SS15_026 | Sphere254 | 9.7 | 7.3 | 6.4 |
| SS15_011 | SA15_11 | SS15_004 | SA15_11 | 11.5 | 11.5 | 1.0 |
| SS15_011 | Sphere91 | SS15_007 | Sphere91 | 2.0 | 2.0 | 0.5 |
| SS15_011 | Sphere 96 | SS15_007 | Sphere96 | 7.8 | 2.9 | 7.2 |
| SS15_011 | SA15_26 | SS15_007 | SA15_26 | 2.5 | 2.5 | 0.4 |
| SS15_011 | Sphere 101 | SS15_007 | Sphere101 | 2.4 | 2.0 | 1.3 |
| SS15_011 | Sphere 42 | SS15_007 | Sphere42 | 6.9 | 6.8 | 1.2 |
| SS15_011 | SA15_06 | SS15_007 | SA15_06 | 1.4 | 1.1 | 0.8 |
| SS15_011 | Sphere 90 | SS15_007 | Sphere 90 | 3.1 | 2.9 | 1.1 |
| SS15_011 | SA15_16 | SS15_010 | SA15_16 | 13.1 | 12.7 | 3.4 |
| SS15_011 | Sphere96 | SS15_010 | Sphere96 | 10.1 | 6.9 | 7.3 |
| SS15_011 | Sphere97 | SS15_010 | Sphere97 | 9.6 | 3.9 | 8.8 |
| SS15_011 | Sphere 90 | SS15_008 | Sphere 90 | 5.3 | 2.5 | 4.6 |
| SS15_011 | Sphere91 | SS15_008 | Sphere91 | 0.6 | 0.6 | 0.2 |
| SS15_011 | SA15_26 | SS15_008 | SA15_26 | 3.3 | 3.3 | 0.1 |
| SS15_011 | Sphere97 | SS15_008 | Sphere97 | 8.4 | 0.5 | 8.4 |
| SS15_011 | SA15_11 | SS15_012 | SA15_11 | 11.1 | 11.0 | 1.7 |
| SS15_011 | Sphere 96 | SS15_023 | Sphere96 | 5.4 | 3.2 | 4.3 |
| SS15_011 | SA15_26 | SS15_023 | SA15_26 | 2.6 | 1.9 | 1.9 |
| SS15_011 | Sphere97 | SS15_023 | Sphere97 | 9.7 | 1.5 | 9.6 |
| SS15_011 | Sphere42 | SS15_023 | Sphere42 | 9.2 | 8.0 | 4.6 |
| SS15_011 | Sphere97 | SS15_046 | Sphere97 | 14.6 | 10.0 | 10.7 |
| SS15_011 | SA15_06 | SS15_015 | SA15_06 | 14.5 | 14.4 | 1.7 |
| SS15_011 | SA15_06 | SS15_016 | SA15_06 | 15.8 | 15.8 | 0.9 |


| SS15_011 | SA15_11 | SS15_016 | SA15_11 | 8.3 | 8.0 | 2.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_011 | SA15_26 | SS15_016 | SA15_26 | 13.2 | 13.2 | 0.8 |
| SS15_011 | SA15_06 | SS15_021 | SA15_06 | 9.7 | 9.6 | 1.1 |
| SS15_011 | Sphere97 | SS15_021 | Sphere97 | 9.2 | 7.8 | 4.9 |
| SS15_011 | SA15_13 | SS15_022 | SA15_13 | 3.9 | 3.3 | 2.0 |
| SS15_011 | Sphere 91 | SS15_022 | Sphere91 | 6.6 | 5.8 | 3.2 |
| SS15_011 | SA15_06 | SS15_027 | Sphere254 | 7.0 | 6.7 | 2.1 |
| SS15_011 | Sphere 160 | SS15_027 | Sphere160 | 7.9 | 5.1 | 6.1 |
| SS15_011 | SA15_06 | SS15_024 | Sphere254 | 4.1 | 2.0 | 3.6 |
| SS15_011 | Sphere 160 | SS15_024 | Sphere160 | 2.2 | 2.2 | 0.2 |
| SS15_011 | Sphere157 | SS15_024 | Sphere256 | 2.5 | 2.5 | 0.3 |
| SS15_011 | SA15_13 | SS15_024 | SA15_13 | 4.7 | 4.0 | 2.4 |
| SS15_011 | Sphere 160 | SS15_025 | Sphere160 | 5.6 | 5.3 | 1.7 |
| SS15_011 | SA15_13 | SS15_025 | SA15_13 | 6.3 | 6.3 | 0.3 |
| SS15_011 | SA15_06 | SS15_026 | Sphere254 | 5.7 | 2.9 | 4.9 |
| SS15_011 | SA15_13 | SS15_026 | SA15_13 | 9.5 | 8.5 | 4.2 |
| SS15_011 | Sphere 146 | SS15_026 | Sphere146 | 6.9 | 6.6 | 2.2 |
| SS15_011 | SA15_13 | SS15_030 | Sphere344 | 8.9 | 8.6 | 2.0 |
| SS15_011 | SA15_06 | SS15_032 | SA15_06 | 3.4 | 3.4 | 0.3 |
| SS15_011 | Sphere97 | SS15_032 | Sphere97 | 18.4 | 4.6 | 17.8 |
| SS15_011 | Sphere91 | SS15_032 | Sphere91 | 3.5 | 2.7 | 2.3 |
| SS15_011 | Sphere147 | SS15_031 | Sphere147 | 7.2 | 7.2 | 0.4 |
| SS15_011 | Sphere150 | SS15_031 | Sphere150 | 5.8 | 4.5 | 3.6 |
| SS15_011 | Sphere 160 | SS15_031 | Sphere160 | 6.3 | 6.3 | 0.0 |
| SS15_011 | SA15_13 | SS15_031 | SA15_13 | 7.1 | 7.0 | 1.5 |
| SS15_011 | Sphere90 | SS15_031 | Sphere90 | 3.9 | 2.3 | 3.2 |
| SS15_011 | Sphere 146 | SS15_031 | Sphere146 | 4.1 | 4.1 | 0.1 |
| SS15_011 | Sphere97 | SS15_029 | Sphere340 | 13.6 | 6.8 | 11.7 |
| SS15_011 | Sphere 91 | SS15_029 | Sphere117 | 4.5 | 3.4 | 3.0 |
| SS15_011 | SA15_07 | SS15_038 | Sphere466 | 2.7 | 2.1 | 1.7 |
| SS15_011 | Sphere 101 | SS15_044 | Sphere101 | 3.4 | 2.3 | 2.6 |
| SS15_011 | Sphere90 | SS15_044 | Sphere90 | 7.8 | 7.6 | 1.6 |
| SS15_011 | Sphere97 | SS15_044 | Sphere97 | 15.6 | 7.5 | 13.7 |
| SS15_011 | Sphere97 | SS15_043 | Sphere97 | 13.4 | 7.2 | 11.3 |
| SS15_011 | Sphere90 | SS15_047 | Sphere90 | 6.0 | 6.0 | 0.3 |
| SS15_011 | Sphere91 | SS15_047 | Sphere91 | 11.3 | 11.0 | 2.3 |
| SS15_011 | Sphere97 | SS15_045 | Sphere97 | 15.7 | 13.2 | 8.6 |
| SS15_011 | SA15_11 | SS15_013 | SA15_11 | 11.7 | 11.3 | 3.1 |
| SS15_011 | SA15_11 | SS15_019 | SA15_11 | 1.5 | 1.2 | 0.9 |
| SS15_011 | Sphere 160 | SS15_019 | Sphere160 | 4.5 | 3.6 | 2.7 |


| SS15_011 | Sphere157 | SS15_019 | Sphere157 | 3.5 | 2.6 | 2.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_011 | SA15_13 | SS15_019 | SA15_13 | 10.7 | 10.3 | 2.7 |
| SS15_011 | Sphere144 | SS15_019 | Sphere144 | 9.2 | 9.1 | 0.8 |
| SS15_011 | SA15_26 | SS15_019 | SA15_26 | 8.6 | 7.4 | 4.5 |
| SS15_011 | Sphere42 | SS15_019 | Sphere42 | 5.8 | 5.8 | 0.0 |
| SS15_011 | SA15_11 | SS15_020 | SA15_11 | 4.7 | 4.7 | 0.6 |
| SS15_011 | SA15_11 | SS15_033 | Sphere406 | 14.0 | 14.0 | 0.2 |
| SS15_011 | SA15_11 | SS15_034 | Sphere406 | 9.4 | 9.4 | 0.6 |
| SS15_011 | Sphere157 | SS15_035 | Sphere157 | 9.1 | 6.2 | 6.6 |
| SS15_011 | Sphere42 | SS15_035 | Sphere42 | 6.6 | 6.5 | 1.0 |
| SS15_011 | Sphere42 | SS15_036 | Sphere42 | 6.4 | 6.1 | 1.8 |
| SS15_011 | SA15_11 | SS15_037 | SA15_11 | 6.6 | 2.1 | 6.3 |
| SS15_011 | Sphere 91 | SS15_048 | Sphere 91 | 11.7 | 11.4 | 2.7 |
| SS15_011 | Sphere 160 | SS15_018 | Sphere160 | 2.9 | 2.9 | 0.3 |
| SS15_011 | Sphere97 | SS15_054 | Sphere97 | 17.2 | 16.8 | 3.7 |
| SS15_011 | Sphere 91 | SS15_049 | Sphere91 | 25.6 | 18.2 | 18.0 |
| SS15_012 | SA15_03 | SS15_000 | Sphere24 | 7.4 | 5.0 | 5.5 |
| SS15_012 | Sphere47 | SS15_001 | Sphere30 | 15.3 | 13.3 | 7.6 |
| SS15_012 | SA15_03 | SS15_001 | Sphere24 | 9.7 | 6.8 | 6.9 |
| SS15_012 | SA15_09 | SS15_002 | Sphere29 | 8.5 | 8.3 | 1.7 |
| SS15_012 | SA15_03 | SS15_002 | Sphere 24 | 10.4 | 8.6 | 5.8 |
| SS15_012 | Sphere 47 | SS15_004 | Sphere47 | 12.9 | 12.7 | 2.2 |
| SS15_012 | SA15_11 | SS15_004 | SA15_11 | 4.6 | 3.7 | 2.7 |
| SS15_012 | Sphere47 | SS15_005 | Sphere47 | 12.9 | 12.9 | 1.1 |
| SS15_012 | Sphere47 | SS15_006 | Sphere30 | 15.0 | 15.0 | 0.7 |
| SS15_012 | SA15_03 | SS15_006 | Sphere24 | 10.3 | 9.2 | 4.6 |
| SS15_012 | SA15_09 | SS15_006 | Sphere29 | 9.6 | 9.3 | 2.1 |
| SS15_012 | SA15_08 | SS15_013 | SA15_08 | 3.9 | 3.6 | 1.5 |
| SS15_012 | SA15_09 | SS15_013 | SA15_09 | 6.7 | 6.7 | 0.6 |
| SS15_012 | Sphere47 | SS15_013 | Sphere47 | 9.3 | 0.5 | 9.3 |
| SS15_012 | SA15_11 | SS15_013 | SA15_11 | 4.1 | 3.9 | 1.4 |
| SS15_012 | SA15_08 | SS15_015 | SA15_08 | 13.9 | 13.8 | 1.7 |
| SS15_012 | SA15_09 | SS15_015 | SA15_09 | 10.6 | 9.7 | 4.3 |
| SS15_012 | SA15_08 | SS15_016 | SA15_08 | 14.4 | 14.2 | 2.0 |
| SS15_012 | SA15_09 | SS15_016 | SA15_09 | 12.1 | 11.8 | 2.7 |
| SS15_012 | SA15_11 | SS15_016 | SA15_11 | 11.1 | 11.0 | 0.7 |
| SS15_012 | SA15_08 | SS15_019 | SA15_08 | 13.0 | 12.4 | 4.0 |
| SS15_012 | SA15_11 | SS15_019 | SA15_11 | 12.4 | 12.2 | 2.6 |
| SS15_012 | SA15_08 | SS15_020 | SA15_08 | 14.1 | 14.0 | 1.9 |
| SS15_012 | SA15_11 | SS15_020 | SA15_11 | 12.5 | 12.5 | 1.1 |


| SS15_012 | SA15_11 | SS15_033 | Sphere406 | 4.3 | 3.8 | 2.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_012 | SA15_08 | SS15_034 | Sphere407 | 12.5 | 11.5 | 4.8 |
| SS15_012 | SA15_11 | SS15_034 | Sphere406 | 7.2 | 6.8 | 2.4 |
| SS15_012 | SA15_08 | SS15_035 | SA15_08 | 17.5 | 15.0 | 8.9 |
| SS15_012 | SA15_08 | SS15_036 | SA15_08 | 18.3 | 15.1 | 10.4 |
| SS15_012 | SA15_09 | SS15_036 | SA15_09 | 13.9 | 12.1 | 6.8 |
| SS15_012 | SA15_08 | SS15_037 | SA15_08 | 16.8 | 11.8 | 12.0 |
| SS15_012 | SA15_11 | SS15_037 | SA15_11 | 13.3 | 10.5 | 8.0 |
| SS15_012 | SA15_09 | SS15_024 | Sphere257 | 11.5 | 11.1 | 3.0 |
| SS15_013 | SA15_03 | SS15_000 | Sphere24 | 17.2 | 17.2 | 0.4 |
| SS15_013 | Sphere 47 | SS15_001 | Sphere30 | 13.2 | 13.1 | 1.6 |
| SS15_013 | SA15_03 | SS15_001 | Sphere24 | 15.4 | 15.3 | 1.8 |
| SS15_013 | SA15_09 | SS15_002 | Sphere29 | 13.5 | 13.4 | 1.1 |
| SS15_013 | SA15_03 | SS15_002 | Sphere24 | 14.5 | 14.5 | 0.8 |
| SS15_013 | Sphere47 | SS15_005 | Sphere47 | 16.4 | 12.7 | 10.4 |
| SS15_013 | Sphere47 | SS15_006 | Sphere30 | 17.2 | 14.9 | 8.6 |
| SS15_013 | SA15_03 | SS15_006 | Sphere24 | 13.8 | 13.7 | 0.4 |
| SS15_013 | SA15_09 | SS15_006 | Sphere29 | 13.4 | 13.3 | 1.5 |
| SS15_013 | SA15_03 | SS15_012 | SA15_03 | 16.2 | 15.4 | 5.0 |
| SS15_013 | Sphere 167 | SS15_012 | Sphere167 | 5.0 | 3.1 | 3.9 |
| SS15_013 | SA15_09 | SS15_015 | SA15_09 | 5.4 | 4.0 | 3.7 |
| SS15_013 | Sphere 177 | SS15_015 | Sphere177 | 12.0 | 12.0 | 0.3 |
| SS15_013 | Sphere 175 | SS15_015 | Sphere175 | 6.7 | 5.2 | 4.3 |
| SS15_013 | SA15_08 | SS15_015 | SA15_08 | 12.3 | 11.9 | 3.2 |
| SS15_013 | SA15_09 | SS15_016 | SA15_09 | 7.1 | 6.7 | 2.1 |
| SS15_013 | Sphere 177 | SS15_019 | Sphere177 | 4.0 | 2.8 | 2.9 |
| SS15_013 | SA15_08 | SS15_019 | SA15_08 | 14.4 | 13.3 | 5.5 |
| SS15_013 | SA15_11 | SS15_020 | SA15_11 | 11.5 | 11.2 | 2.5 |
| SS15_013 | Sphere 22 | SS15_027 | Sphere284 | 4.5 | 4.4 | 0.6 |
| SS15_013 | SA15_09 | SS15_024 | Sphere257 | 9.8 | 9.5 | 2.4 |
| SS15_013 | SA15_06 | SS15_033 | Sphere403 | 4.3 | 3.5 | 2.6 |
| SS15_013 | SA15_11 | SS15_033 | Sphere406 | 8.0 | 7.2 | 3.4 |
| SS15_013 | SA15_06 | SS15_034 | Sphere403 | 7.6 | 6.3 | 4.3 |
| SS15_013 | SA15_06 | SS15_035 | SA15_06 | 6.3 | 0.6 | 6.3 |
| SS15_013 | SA15_06 | SS15_036 | SA15_06 | 8.3 | 1.9 | 8.1 |
| SS15_013 | Sphere22 | SS15_028 | Sphere309 | 3.1 | 3.0 | 0.5 |
| SS15_013 | Sphere 22 | SS15_039 | Sphere22 | 5.8 | 4.6 | 3.5 |
| SS15_013 | SA15_06 | SS15_039 | SA15_06 | 11.8 | 9.8 | 6.5 |
| SS15_013 | Sphere 171 | SS15_039 | Sphere171 | 7.6 | 7.4 | 1.3 |
| SS15_013 | SA15_06 | SS15_018 | SA15_06 | 8.8 | 7.5 | 4.6 |


| SS15_013 | SA15_06 | SS15_029 | Sphere306 | 13.8 | 13.8 | 1.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_014 | SA15_08 | SS15_012 | SA15_08 | 13.3 | 13.3 | 1.1 |
| SS15_014 | SA15_08 | SS15_013 | SA15_08 | 11.2 | 10.9 | 2.7 |
| SS15_014 | SA15_04 | SS15_013 | SA15_04 | 10.3 | 10.1 | 1.9 |
| SS15_014 | SA15_08 | SS15_015 | SA15_08 | 2.2 | 2.2 | 0.5 |
| SS15_014 | Sphere179 | SS15_015 | Sphere179 | 26.7 | 26.7 | 0.1 |
| SS15_014 | SA15_08 | SS15_016 | SA15_08 | 7.7 | 7.7 | 0.8 |
| SS15_014 | Sphere179 | SS15_017 | Sphere179 | 57.3 | 57.3 | 2.9 |
| SS15_014 | SA15_08 | SS15_019 | SA15_08 | 12.2 | 11.8 | 2.9 |
| SS15_014 | SA15_08 | SS15_020 | SA15_08 | 10.3 | 10.3 | 0.7 |
| SS15_014 | Sphere 179 | SS15_020 | Sphere179 | 49.4 | 49.4 | 1.8 |
| SS15_014 | SA15_08 | SS15_034 | Sphere407 | 18.2 | 17.9 | 3.6 |
| SS15_014 | SA15_08 | SS15_035 | SA15_08 | 16.5 | 14.6 | 7.8 |
| SS15_014 | SA15_08 | SS15_036 | SA15_08 | 17.2 | 14.6 | 9.3 |
| SS15_014 | SA15_08 | SS15_037 | SA15_08 | 18.8 | 15.3 | 10.8 |
| SS15_015 | SA15_03 | SS15_000 | Sphere24 | 15.4 | 15.4 | 0.2 |
| SS15_015 | SA15_03 | SS15_001 | Sphere24 | 13.9 | 13.9 | 1.2 |
| SS15_015 | SA15_03 | SS15_002 | Sphere 24 | 13.4 | 13.4 | 0.1 |
| SS15_015 | SA15_03 | SS15_003 | SA15_03 | 13.4 | 13.4 | 0.8 |
| SS15_015 | SA15_03 | SS15_005 | SA15_03 | 12.6 | 12.6 | 0.1 |
| SS15_015 | SA15_26 | SS15_007 | SA15_26 | 15.1 | 15.1 | 0.3 |
| SS15_015 | SA15_03 | SS15_006 | Sphere 24 | 12.9 | 12.8 | 1.1 |
| SS15_015 | SA15_26 | SS15_008 | SA15_26 | 16.0 | 16.0 | 0.2 |
| SS15_015 | SA15_03 | SS15_012 | SA15_03 | 14.2 | 13.1 | 5.7 |
| SS15_015 | SA15_26 | SS15_011 | SA15_26 | 14.1 | 14.1 | 0.1 |
| SS15_015 | SA15_03 | SS15_013 | SA15_03 | 2.8 | 2.7 | 0.7 |
| SS15_015 | SA15_04 | SS15_013 | SA15_04 | 9.0 | 8.9 | 1.2 |
| SS15_015 | SA15_04 | SS15_014 | SA15_04 | 2.0 | 1.9 | 0.7 |
| SS15_015 | SA15_04 | SS15_016 | SA15_04 | 13.9 | 13.8 | 0.3 |
| SS15_015 | SA15_26 | SS15_016 | SA15_26 | 3.2 | 3.1 | 0.7 |
| SS15_015 | Sphere 180 | SS15_016 | Sphere180 | 3.6 | 2.5 | 2.6 |
| SS15_015 | SA15_04 | SS15_017 | SA15_04 | 15.0 | 15.0 | 0.7 |
| SS15_015 | Sphere 179 | SS15_017 | Sphere179 | 36.7 | 36.6 | 3.0 |
| SS15_015 | SA15_04 | SS15_019 | SA15_04 | 14.9 | 14.7 | 2.4 |
| SS15_015 | Sphere177 | SS15_019 | Sphere177 | 10.2 | 9.7 | 3.2 |
| SS15_015 | SA15_26 | SS15_019 | SA15_26 | 10.2 | 9.2 | 4.4 |
| SS15_015 | SA15_04 | SS15_020 | SA15_04 | 13.7 | 13.7 | 0.8 |
| SS15_015 | Sphere179 | SS15_020 | Sphere179 | 25.3 | 25.2 | 1.9 |
| SS15_015 | SA15_06 | SS15_027 | Sphere254 | 14.0 | 14.0 | 0.4 |
| SS15_015 | SA15_26 | SS15_023 | SA15_26 | 14.8 | 14.7 | 1.8 |


| SS15_015 | SA15_06 | SS15_021 | SA15_06 | 8.9 | 8.5 | 2.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_015 | SA15_26 | SS15_022 | SA15_26 | 15.3 | 15.2 | 1.1 |
| SS15_015 | SA15_06 | SS15_026 | Sphere254 | 14.8 | 14.4 | 3.2 |
| SS15_016 | SA15_03 | SS15_000 | Sphere24 | 15.5 | 15.5 | 0.1 |
| SS15_016 | SA15_03 | SS15_001 | Sphere24 | 13.2 | 13.2 | 1.3 |
| SS15_016 | Sphere 32 | SS15_002 | Sphere18 | 15.5 | 13.9 | 6.9 |
| SS15_016 | SA15_09 | SS15_002 | Sphere29 | 15.4 | 15.4 | 1.0 |
| SS15_016 | SA15_03 | SS15_002 | Sphere24 | 12.1 | 12.1 | 0.2 |
| SS15_016 | SA15_03 | SS15_003 | SA15_03 | 12.2 | 12.2 | 0.9 |
| SS15_016 | Sphere 32 | SS15_003 | Sphere 32 | 16.5 | 16.4 | 1.6 |
| SS15_016 | SA15_03 | SS15_004 | SA15_03 | 10.8 | 10.7 | 1.6 |
| SS15_016 | SA15_11 | SS15_004 | SA15_11 | 14.2 | 13.7 | 3.5 |
| SS15_016 | SA15_03 | SS15_005 | SA15_03 | 11.0 | 11.0 | 0.2 |
| SS15_016 | Sphere 84 | SS15_007 | Sphere 84 | 13.8 | 13.7 | 2.1 |
| SS15_016 | SA15_06 | SS15_007 | SA15_06 | 15.2 | 15.1 | 1.7 |
| SS15_016 | SA15_07 | SS15_007 | SA15_07 | 14.2 | 14.1 | 1.4 |
| SS15_016 | SA15_03 | SS15_006 | Sphere24 | 11.3 | 11.2 | 1.0 |
| SS15_016 | SA15_09 | SS15_006 | Sphere29 | 14.0 | 14.0 | 0.6 |
| SS15_016 | SA15_07 | SS15_008 | SA15_07 | 14.9 | 14.8 | 1.6 |
| SS15_016 | Sphere108 | SS15_008 | Sphere108 | 8.5 | 8.4 | 1.4 |
| SS15_016 | Sphere 84 | SS15_008 | Sphere 84 | 15.9 | 15.1 | 5.1 |
| SS15_016 | SA15_07 | SS15_009 | SA15_07 | 11.0 | 10.8 | 2.0 |
| SS15_016 | SA15_03 | SS15_012 | SA15_03 | 15.6 | 14.6 | 5.6 |
| SS15_016 | SA15_07 | SS15_010 | SA15_07 | 11.8 | 11.7 | 1.5 |
| SS15_016 | SA15_13 | SS15_011 | SA15_13 | 11.7 | 11.6 | 1.4 |
| SS15_016 | SA15_07 | SS15_011 | SA15_07 | 9.8 | 9.8 | 0.8 |
| SS15_016 | SA15_03 | SS15_013 | SA15_03 | 3.2 | 3.2 | 0.6 |
| SS15_016 | SA15_08 | SS15_013 | SA15_08 | 14.1 | 13.7 | 3.5 |
| SS15_016 | SA15_04 | SS15_013 | SA15_04 | 5.7 | 5.5 | 1.5 |
| SS15_016 | SA15_11 | SS15_013 | SA15_11 | 8.6 | 8.6 | 0.6 |
| SS15_016 | SA15_04 | SS15_014 | SA15_04 | 14.6 | 14.6 | 0.4 |
| SS15_016 | Sphere 179 | SS15_014 | Sphere179 | 36.1 | 35.6 | 5.5 |
| SS15_016 | SA15_13 | SS15_019 | SA15_13 | 1.9 | 1.3 | 1.3 |
| SS15_016 | Sphere 188 | SS15_019 | Sphere188 | 6.8 | 6.4 | 2.2 |
| SS15_016 | SA15_08 | SS15_019 | SA15_08 | 5.9 | 5.5 | 2.0 |
| SS15_016 | SA15_11 | SS15_019 | SA15_11 | 9.2 | 8.6 | 3.4 |
| SS15_016 | SA15_03 | SS15_015 | SA15_03 | 4.4 | 4.4 | 0.1 |
| SS15_016 | SA15_08 | SS15_015 | SA15_08 | 5.7 | 5.6 | 0.3 |
| SS15_016 | SA15_09 | SS15_015 | SA15_09 | 3.2 | 2.8 | 1.6 |
| SS15_016 | Sphere 179 | SS15_015 | Sphere179 | 11.2 | 9.9 | 5.4 |


| SS15_016 | SA15_06 | SS15_015 | SA15_06 | 3.3 | 2.0 | 2.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_016 | Sphere 32 | SS15_032 | Sphere 32 | 17.9 | 17.4 | 4.3 |
| SS15_016 | SA15_06 | SS15_032 | SA15_06 | 13.5 | 13.5 | 1.1 |
| SS15_016 | SA15_07 | SS15_032 | SA15_07 | 13.0 | 12.6 | 3.3 |
| SS15_016 | Sphere188 | SS15_017 | Sphere188 | 11.4 | 11.4 | 0.5 |
| SS15_016 | Sphere179 | SS15_017 | Sphere179 | 29.0 | 27.7 | 8.4 |
| SS15_016 | Sphere103 | SS15_017 | Sphere103 | 11.8 | 10.9 | 4.5 |
| SS15_016 | SA15_06 | SS15_021 | SA15_06 | 10.5 | 10.5 | 0.2 |
| SS15_016 | SA15_07 | SS15_021 | SA15_07 | 5.3 | 5.3 | 0.8 |
| SS15_016 | Sphere121 | SS15_021 | Sphere121 | 4.4 | 3.4 | 2.8 |
| SS15_016 | SA15_13 | SS15_022 | SA15_13 | 8.5 | 8.5 | 0.6 |
| SS15_016 | SA15_07 | SS15_022 | SA15_07 | 5.8 | 5.2 | 2.6 |
| SS15_016 | Sphere 185 | SS15_022 | Sphere185 | 5.3 | 5.2 | 0.6 |
| SS15_016 | Sphere103 | SS15_022 | Sphere103 | 5.3 | 5.3 | 0.9 |
| SS15_016 | Sphere108 | SS15_023 | Sphere108 | 8.3 | 8.3 | 0.2 |
| SS15_016 | SA15_07 | SS15_023 | SA15_07 | 1.7 | 0.5 | 1.6 |
| SS15_016 | SA15_06 | SS15_027 | Sphere254 | 15.0 | 14.7 | 2.9 |
| SS15_016 | SA15_06 | SS15_024 | Sphere254 | 17.3 | 16.7 | 4.5 |
| SS15_016 | SA15_09 | SS15_024 | Sphere257 | 6.0 | 6.0 | 0.3 |
| SS15_016 | SA15_13 | SS15_024 | SA15_13 | 7.8 | 7.7 | 1.1 |
| SS15_016 | Sphere108 | SS15_024 | Sphere259 | 7.0 | 6.9 | 0.7 |
| SS15_016 | SA15_13 | SS15_025 | SA15_13 | 5.7 | 5.4 | 1.6 |
| SS15_016 | SA15_07 | SS15_025 | SA15_07 | 6.5 | 5.4 | 3.7 |
| SS15_016 | SA15_06 | SS15_026 | Sphere254 | 16.6 | 15.5 | 5.8 |
| SS15_016 | Sphere 188 | SS15_026 | Sphere188 | 9.2 | 6.9 | 6.0 |
| SS15_016 | SA15_13 | SS15_026 | SA15_13 | 12.3 | 11.9 | 2.9 |
| SS15_016 | SA15_13 | SS15_030 | Sphere344 | 12.2 | 12.2 | 0.6 |
| SS15_016 | SA15_07 | SS15_030 | Sphere366 | 14.4 | 12.6 | 6.9 |
| SS15_016 | SA15_04 | SS15_020 | SA15_04 | 3.7 | 3.5 | 1.1 |
| SS15_016 | Sphere188 | SS15_020 | Sphere188 | 5.7 | 5.7 | 0.5 |
| SS15_016 | Sphere108 | SS15_020 | Sphere108 | 3.9 | 3.8 | 1.0 |
| SS15_016 | SA15_07 | SS15_020 | SA15_07 | 2.3 | 1.1 | 2.1 |
| SS15_016 | Sphere121 | SS15_020 | Sphere121 | 2.6 | 1.8 | 1.8 |
| SS15_016 | Sphere179 | SS15_020 | Sphere179 | 17.1 | 15.5 | 7.3 |
| SS15_016 | SA15_08 | SS15_020 | SA15_08 | 2.9 | 2.9 | 0.1 |
| SS15_016 | SA15_11 | SS15_020 | SA15_11 | 4.8 | 4.4 | 1.9 |
| SS15_016 | Sphere185 | SS15_020 | Sphere185 | 3.9 | 3.9 | 0.2 |
| SS15_016 | Sphere84 | SS15_020 | Sphere84 | 7.1 | 4.6 | 5.4 |
| SS15_016 | Sphere188 | SS15_018 | Sphere188 | 6.3 | 6.3 | 0.9 |
| SS15_016 | Sphere108 | SS15_018 | Sphere108 | 2.4 | 2.1 | 1.3 |


| SS15_016 | Sphere185 | SS15_018 | Sphere185 | 8.1 | 7.6 | 2.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_016 | Sphere103 | SS15_018 | Sphere103 | 7.7 | 7.7 | 0.2 |
| SS15_016 | SA15_13 | SS15_031 | SA15_13 | 10.7 | 10.7 | 0.1 |
| SS15_016 | SA15_07 | SS15_031 | SA15_07 | 13.9 | 13.1 | 4.8 |
| SS15_016 | SA15_11 | SS15_033 | Sphere406 | 15.1 | 14.8 | 2.7 |
| SS15_016 | SA15_08 | SS15_034 | Sphere407 | 13.3 | 13.0 | 2.8 |
| SS15_016 | SA15_11 | SS15_034 | Sphere406 | 14.4 | 14.0 | 3.1 |
| SS15_016 | SA15_08 | SS15_035 | SA15_08 | 10.2 | 7.4 | 6.9 |
| SS15_016 | Sphere103 | SS15_035 | Sphere103 | 2.3 | 2.2 | 0.7 |
| SS15_016 | SA15_08 | SS15_036 | SA15_08 | 11.2 | 7.4 | 8.4 |
| SS15_016 | SA15_07 | SS15_029 | Sphere305 | 13.4 | 12.6 | 4.5 |
| SS15_016 | SA15_07 | SS15_043 | SA15_07 | 12.9 | 12.5 | 3.1 |
| SS15_016 | Sphere 84 | SS15_043 | Sphere84 | 12.7 | 12.4 | 2.7 |
| SS15_016 | Sphere 84 | SS15_046 | Sphere84 | 16.6 | 13.2 | 10.0 |
| SS15_016 | SA15_07 | SS15_038 | Sphere466 | 8.5 | 8.2 | 2.5 |
| SS15_016 | SA15_07 | SS15_044 | SA15_07 | 14.1 | 13.9 | 1.9 |
| SS15_016 | SA15_07 | SS15_041 | Sphere466 | 10.7 | 10.7 | 1.1 |
| SS15_016 | SA15_08 | SS15_037 | SA15_08 | 14.0 | 9.7 | 10.0 |
| SS15_016 | SA15_11 | SS15_037 | SA15_11 | 13.1 | 9.7 | 8.8 |
| SS15_017 | SA15_09 | SS15_002 | Sphere29 | 14.0 | 14.0 | 1.2 |
| SS15_017 | SA15_26 | SS15_007 | SA15_26 | 15.5 | 15.4 | 0.9 |
| SS15_017 | SA15_06 | SS15_007 | SA15_06 | 12.8 | 12.8 | 0.6 |
| SS15_017 | Sphere104 | SS15_007 | Sphere104 | 19.5 | 19.5 | 0.4 |
| SS15_017 | SA15_07 | SS15_007 | SA15_07 | 13.1 | 13.0 | 1.5 |
| SS15_017 | SA15_09 | SS15_006 | Sphere29 | 12.6 | 12.6 | 0.7 |
| SS15_017 | Sphere104 | SS15_008 | Sphere104 | 22.8 | 22.6 | 3.0 |
| SS15_017 | SA15_26 | SS15_008 | SA15_26 | 16.5 | 16.4 | 1.5 |
| SS15_017 | SA15_06 | SS15_008 | SA15_06 | 13.6 | 13.6 | 0.9 |
| SS15_017 | SA15_07 | SS15_008 | SA15_07 | 14.0 | 13.9 | 1.3 |
| SS15_017 | SA15_07 | SS15_009 | SA15_07 | 9.1 | 9.1 | 0.9 |
| SS15_017 | SA15_26 | SS15_009 | Sphere133 | 16.6 | 16.6 | 0.7 |
| SS15_017 | SA15_08 | SS15_012 | SA15_08 | 13.9 | 13.9 | 0.3 |
| SS15_017 | SA15_09 | SS15_012 | SA15_09 | 11.2 | 10.8 | 2.9 |
| SS15_017 | SA15_26 | SS15_010 | SA15_26 | 16.4 | 15.8 | 4.6 |
| SS15_017 | SA15_07 | SS15_010 | SA15_07 | 10.0 | 9.9 | 1.4 |
| SS15_017 | SA15_06 | SS15_010 | SA15_06 | 9.4 | 9.2 | 1.7 |
| SS15_017 | SA15_06 | SS15_011 | SA15_06 | 13.8 | 13.8 | 0.2 |
| SS15_017 | SA15_26 | SS15_011 | SA15_26 | 14.0 | 13.9 | 1.3 |
| SS15_017 | SA15_07 | SS15_011 | SA15_07 | 11.2 | 10.9 | 2.2 |
| SS15_017 | SA15_09 | SS15_013 | SA15_09 | 6.8 | 6.4 | 2.3 |


| SS15_017 | SA15_08 | SS15_013 | SA15_08 | 14.1 | 14.1 | 1.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_017 | SA15_04 | SS15_013 | SA15_04 | 10.6 | 10.4 | 1.9 |
| SS15_017 | SA15_08 | SS15_014 | SA15_08 | 10.2 | 10.1 | 1.4 |
| SS15_017 | SA15_04 | SS15_014 | SA15_04 | 14.8 | 14.8 | 0.0 |
| SS15_017 | SA15_08 | SS15_015 | SA15_08 | 8.5 | 8.2 | 1.9 |
| SS15_017 | SA15_09 | SS15_015 | SA15_09 | 3.1 | 2.7 | 1.4 |
| SS15_017 | SA15_26 | SS15_015 | SA15_26 | 3.8 | 3.6 | 1.2 |
| SS15_017 | SA15_06 | SS15_015 | SA15_06 | 6.2 | 6.1 | 1.4 |
| SS15_017 | Sphere 180 | SS15_015 | Sphere180 | 5.5 | 5.5 | 0.1 |
| SS15_017 | SA15_06 | SS15_016 | SA15_06 | 8.0 | 8.0 | 1.1 |
| SS15_017 | Sphere 180 | SS15_016 | Sphere180 | 6.8 | 6.2 | 2.7 |
| SS15_017 | SA15_04 | SS15_016 | SA15_04 | 7.6 | 7.6 | 0.4 |
| SS15_017 | SA15_09 | SS15_016 | SA15_09 | 1.4 | 1.4 | 0.2 |
| SS15_017 | SA15_07 | SS15_016 | SA15_07 | 3.7 | 2.2 | 2.9 |
| SS15_017 | SA15_26 | SS15_016 | SA15_26 | 1.1 | 0.9 | 0.6 |
| SS15_017 | SA15_08 | SS15_016 | SA15_08 | 3.6 | 2.8 | 2.2 |
| SS15_017 | SA15_07 | SS15_021 | SA15_07 | 3.8 | 3.1 | 2.2 |
| SS15_017 | SA15_26 | SS15_021 | SA15_26 | 16.3 | 15.6 | 4.9 |
| SS15_017 | SA15_06 | SS15_021 | SA15_06 | 4.8 | 4.6 | 1.3 |
| SS15_017 | SA15_07 | SS15_022 | SA15_07 | 3.0 | 3.0 | 0.3 |
| SS15_017 | Sphere 104 | SS15_022 | Sphere104 | 10.2 | 9.5 | 3.8 |
| SS15_017 | SA15_26 | SS15_022 | SA15_26 | 15.0 | 15.0 | 0.1 |
| SS15_017 | Sphere103 | SS15_022 | Sphere103 | 8.4 | 6.5 | 5.4 |
| SS15_017 | SA15_07 | SS15_023 | SA15_07 | 2.2 | 1.7 | 1.3 |
| SS15_017 | SA15_21 | SS15_023 | SA15_21 | 2.3 | 0.9 | 2.1 |
| SS15_017 | Sphere 110 | SS15_023 | Sphere110 | 3.0 | 0.7 | 2.9 |
| SS15_017 | SA15_26 | SS15_023 | SA15_26 | 14.1 | 14.1 | 0.5 |
| SS15_017 | SA15_06 | SS15_023 | SA15_06 | 12.7 | 12.7 | 0.7 |
| SS15_017 | SA15_07 | SS15_020 | SA15_07 | 1.5 | 1.3 | 0.9 |
| SS15_017 | SA15_26 | SS15_020 | SA15_26 | 1.7 | 1.7 | 0.5 |
| SS15_017 | SA15_04 | SS15_020 | SA15_04 | 4.4 | 4.1 | 1.5 |
| SS15_017 | Sphere179 | SS15_020 | Sphere179 | 13.9 | 13.9 | 1.1 |
| SS15_017 | Sphere188 | SS15_020 | Sphere188 | 5.9 | 5.8 | 1.0 |
| SS15_017 | SA15_08 | SS15_020 | SA15_08 | 2.1 | 0.2 | 2.1 |
| SS15_017 | SA15_09 | SS15_027 | Sphere257 | 6.8 | 6.8 | 0.6 |
| SS15_017 | SA15_06 | SS15_027 | Sphere254 | 16.3 | 16.2 | 1.8 |
| SS15_017 | SA15_09 | SS15_024 | Sphere257 | 4.8 | 4.8 | 0.1 |
| SS15_017 | SA15_06 | SS15_024 | Sphere254 | 14.1 | 13.7 | 3.4 |
| SS15_017 | SA15_07 | SS15_025 | SA15_07 | 7.3 | 7.3 | 0.7 |
| SS15_017 | SA15_07 | SS15_030 | Sphere366 | 13.2 | 12.6 | 3.9 |


| SS15_017 | SA15_06 | SS15_030 | Sphere369 | 14.1 | 13.6 | 3.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_017 | SA15_07 | SS15_031 | SA15_07 | 12.8 | 12.7 | 1.8 |
| SS15_017 | SA15_07 | SS15_029 | Sphere305 | 13.0 | 12.9 | 1.5 |
| SS15_017 | SA15_07 | SS15_032 | SA15_07 | 12.8 | 12.8 | 0.4 |
| SS15_017 | SA15_06 | SS15_032 | SA15_06 | 13.2 | 13.2 | 0.0 |
| SS15_017 | SA15_07 | SS15_038 | Sphere466 | 9.6 | 9.6 | 0.5 |
| SS15_017 | SA15_07 | SS15_044 | SA15_07 | 13.5 | 13.4 | 1.0 |
| SS15_017 | Sphere 110 | SS15_044 | Sphere110 | 10.2 | 9.9 | 2.5 |
| SS15_017 | SA15_07 | SS15_041 | Sphere466 | 11.3 | 11.2 | 1.8 |
| SS15_017 | SA15_07 | SS15_043 | SA15_07 | 12.5 | 12.5 | 0.1 |
| SS15_017 | Sphere103 | SS15_018 | Sphere103 | 5.6 | 3.2 | 4.6 |
| SS15_017 | Sphere188 | SS15_018 | Sphere188 | 6.1 | 6.0 | 1.4 |
| SS15_017 | SA15_21 | SS15_019 | SA15_21 | 1.4 | 1.4 | 0.0 |
| SS15_017 | SA15_26 | SS15_019 | SA15_26 | 8.2 | 7.5 | 3.2 |
| SS15_017 | SA15_08 | SS15_019 | SA15_08 | 5.2 | 3.0 | 4.3 |
| SS15_017 | SA15_21 | SS15_026 | SA15_21 | 1.4 | 0.6 | 1.2 |
| SS15_017 | SA15_06 | SS15_026 | Sphere254 | 15.7 | 15.0 | 4.7 |
| SS15_017 | Sphere103 | SS15_035 | Sphere103 | 10.6 | 9.3 | 5.2 |
| SS15_017 | SA15_09 | SS15_035 | SA15_09 | 4.0 | 0.4 | 4.0 |
| SS15_017 | SA15_08 | SS15_035 | SA15_08 | 10.3 | 4.6 | 9.2 |
| SS15_017 | SA15_08 | SS15_034 | Sphere407 | 11.8 | 10.6 | 5.0 |
| SS15_017 | SA15_09 | SS15_036 | SA15_09 | 4.2 | 1.7 | 3.9 |
| SS15_017 | SA15_08 | SS15_036 | SA15_08 | 11.6 | 4.6 | 10.7 |
| SS15_017 | SA15_08 | SS15_037 | SA15_08 | 14.2 | 7.2 | 12.2 |
| SS15_018 | Sphere104 | SS15_007 | Sphere104 | 18.9 | 18.8 | 1.1 |
| SS15_018 | Sphere 104 | SS15_008 | Sphere104 | 22.1 | 21.9 | 2.3 |
| SS15_018 | Sphere108 | SS15_008 | Sphere108 | 7.8 | 7.3 | 2.7 |
| SS15_018 | Sphere 157 | SS15_011 | Sphere157 | 10.2 | 10.2 | 0.1 |
| SS15_018 | Sphere 157 | SS15_019 | Sphere157 | 8.4 | 8.0 | 2.5 |
| SS15_018 | Sphere 160 | SS15_019 | Sphere160 | 5.4 | 4.9 | 2.4 |
| SS15_018 | Sphere104 | SS15_017 | Sphere104 | 1.5 | 1.4 | 0.7 |
| SS15_018 | Sphere 185 | SS15_022 | Sphere185 | 4.2 | 2.4 | 3.4 |
| SS15_018 | Sphere104 | SS15_022 | Sphere104 | 9.8 | 8.7 | 4.5 |
| SS15_018 | Sphere204 | SS15_022 | Sphere204 | 1.9 | 1.4 | 1.3 |
| SS15_018 | Sphere 185 | SS15_020 | Sphere185 | 4.5 | 3.7 | 2.6 |
| SS15_018 | Sphere 71 | SS15_020 | Sphere71 | 2.8 | 2.4 | 1.5 |
| SS15_018 | Sphere 71 | SS15_039 | Sphere 71 | 11.8 | 10.4 | 5.4 |
| SS15_018 | SA15_06 | SS15_039 | SA15_06 | 14.8 | 14.7 | 1.9 |
| SS15_018 | Sphere 157 | SS15_024 | Sphere256 | 7.8 | 7.8 | 0.4 |
| SS15_018 | Sphere 160 | SS15_024 | Sphere160 | 2.0 | 1.9 | 0.6 |


| SS15_018 | Sphere 157 | SS15_035 | Sphere157 | 13.2 | 11.4 | 6.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_018 | SA15_06 | SS15_035 | SA15_06 | 7.1 | 6.9 | 1.7 |
| SS15_018 | Sphere 160 | SS15_025 | Sphere160 | 7.5 | 7.4 | 1.4 |
| SS15_018 | Sphere203 | SS15_025 | Sphere203 | 18.6 | 16.5 | 8.6 |
| SS15_018 | Sphere 71 | SS15_026 | Sphere71 | 14.4 | 13.2 | 5.8 |
| SS15_018 | Sphere160 | SS15_031 | Sphere160 | 8.6 | 8.6 | 0.3 |
| SS15_018 | Sphere204 | SS15_032 | Sphere204 | 2.0 | 1.9 | 0.6 |
| SS15_018 | Sphere 71 | SS15_021 | Sphere71 | 6.4 | 6.0 | 2.4 |
| SS15_018 | Sphere 71 | SS15_023 | Sphere71 | 5.9 | 5.8 | 1.1 |
| SS15_018 | Sphere 160 | SS15_027 | Sphere160 | 9.2 | 7.1 | 5.7 |
| SS15_018 | SA15_06 | SS15_029 | Sphere306 | 15.7 | 15.3 | 3.5 |
| SS15_018 | Sphere 71 | SS15_034 | Sphere98 | 9.6 | 9.6 | 0.2 |
| SS15_018 | SA15_06 | SS15_034 | Sphere403 | 13.3 | 13.3 | 0.3 |
| SS15_018 | Sphere 71 | SS15_038 | Sphere98 | 11.1 | 10.9 | 1.9 |
| SS15_018 | Sphere 71 | SS15_044 | Sphere71 | 18.5 | 18.2 | 3.4 |
| SS15_018 | Sphere 71 | SS15_041 | Sphere98 | 21.6 | 21.6 | 0.7 |
| SS15_018 | Sphere 71 | SS15_042 | Sphere98 | 21.2 | 20.8 | 4.1 |
| SS15_018 | Sphere 71 | SS15_043 | Sphere71 | 21.0 | 21.0 | 0.0 |
| SS15_018 | Sphere 71 | SS15_047 | Sphere71 | 18.5 | 18.3 | 3.2 |
| SS15_018 | Sphere203 | SS15_046 | Sphere203 | 37.5 | 36.8 | 7.2 |
| SS15_018 | SA15_06 | SS15_033 | Sphere403 | 11.1 | 10.9 | 2.0 |
| SS15_019 | SA15_09 | SS15_001 | Sphere29 | 12.0 | 11.9 | 1.6 |
| SS15_019 | SA15_09 | SS15_002 | Sphere29 | 12.2 | 11.8 | 2.8 |
| SS15_019 | SA15_26 | SS15_007 | SA15_26 | 10.3 | 9.5 | 4.1 |
| SS15_019 | SA15_09 | SS15_006 | Sphere29 | 10.2 | 9.9 | 2.4 |
| SS15_019 | SA15_26 | SS15_008 | SA15_26 | 11.4 | 10.4 | 4.6 |
| SS15_019 | SA15_09 | SS15_012 | SA15_09 | 12.3 | 11.4 | 4.6 |
| SS15_019 | SA15_09 | SS15_013 | SA15_09 | 10.1 | 9.3 | 4.0 |
| SS15_019 | SA15_06 | SS15_013 | SA15_06 | 8.6 | 7.7 | 3.8 |
| SS15_019 | SA15_04 | SS15_013 | SA15_04 | 8.2 | 8.1 | 1.1 |
| SS15_019 | SA15_11 | SS15_013 | SA15_11 | 13.1 | 12.5 | 4.0 |
| SS15_019 | SA15_04 | SS15_014 | SA15_04 | 15.3 | 15.0 | 3.1 |
| SS15_019 | Sphere188 | SS15_018 | Sphere188 | 2.2 | 1.7 | 1.4 |
| SS15_019 | Sphere 71 | SS15_018 | Sphere71 | 1.1 | 1.0 | 0.5 |
| SS15_019 | SA15_06 | SS15_018 | SA15_06 | 13.8 | 13.7 | 0.8 |
| SS15_019 | SA15_13 | SS15_024 | SA15_13 | 6.5 | 6.5 | 0.2 |
| SS15_019 | Sphere 160 | SS15_024 | Sphere160 | 6.2 | 5.5 | 2.9 |
| SS15_019 | SA15_09 | SS15_024 | Sphere257 | 1.8 | 0.8 | 1.6 |
| SS15_019 | Sphere 157 | SS15_035 | Sphere157 | 6.6 | 5.1 | 4.2 |
| SS15_019 | Sphere42 | SS15_035 | Sphere42 | 9.3 | 9.3 | 0.9 |


| SS15_019 | SA15_06 | SS15_035 | SA15_06 | 8.6 | 8.2 | 2.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_019 | SA15_09 | SS15_035 | SA15_09 | 5.1 | 4.6 | 2.3 |
| SS15_019 | SA15_10 | SS15_036 | SA15_10 | 8.5 | 7.3 | 4.4 |
| SS15_019 | SA15_06 | SS15_036 | SA15_06 | 9.9 | 8.9 | 4.3 |
| SS15_019 | SA15_09 | SS15_036 | SA15_09 | 4.0 | 3.3 | 2.2 |
| SS15_019 | Sphere 71 | SS15_021 | Sphere 71 | 6.2 | 5.5 | 2.9 |
| SS15_019 | SA15_10 | SS15_023 | SA15_10 | 2.3 | 1.3 | 1.8 |
| SS15_019 | Sphere 71 | SS15_023 | Sphere 71 | 5.4 | 5.4 | 0.6 |
| SS15_019 | SA15_21 | SS15_023 | SA15_21 | 3.1 | 2.3 | 2.1 |
| SS15_019 | SA15_26 | SS15_023 | SA15_26 | 7.4 | 6.9 | 2.6 |
| SS15_019 | SA15_11 | SS15_020 | SA15_11 | 5.1 | 4.8 | 1.5 |
| SS15_019 | Sphere 71 | SS15_020 | Sphere71 | 2.6 | 1.8 | 1.9 |
| SS15_019 | Sphere188 | SS15_020 | Sphere188 | 2.2 | 1.4 | 1.7 |
| SS15_019 | SA15_04 | SS15_020 | SA15_04 | 1.9 | 1.1 | 1.6 |
| SS15_019 | Sphere160 | SS15_027 | Sphere160 | 4.2 | 2.5 | 3.4 |
| SS15_019 | Sphere 71 | SS15_027 | Sphere71 | 8.1 | 4.0 | 7.1 |
| SS15_019 | Sphere210 | SS15_027 | Sphere292 | 11.4 | 7.6 | 8.5 |
| SS15_019 | SA15_09 | SS15_027 | Sphere257 | 3.7 | 2.9 | 2.2 |
| SS15_019 | SA15_10 | SS15_025 | Sphere260 | 3.6 | 3.6 | 0.3 |
| SS15_019 | Sphere 160 | SS15_025 | Sphere160 | 2.9 | 2.8 | 1.0 |
| SS15_019 | SA15_10 | SS15_026 | Sphere260 | 4.2 | 4.2 | 0.4 |
| SS15_019 | Sphere 71 | SS15_026 | Sphere 71 | 13.5 | 12.4 | 5.3 |
| SS15_019 | SA15_21 | SS15_026 | SA15_21 | 2.2 | 1.9 | 1.2 |
| SS15_019 | SA15_10 | SS15_028 | Sphere310 | 7.5 | 7.4 | 0.6 |
| SS15_019 | SA15_06 | SS15_040 | Sphere403 | 3.9 | 2.4 | 3.0 |
| SS15_019 | SA15_11 | SS15_033 | Sphere406 | 15.1 | 15.1 | 0.7 |
| SS15_019 | SA15_06 | SS15_033 | Sphere403 | 6.1 | 6.0 | 1.2 |
| SS15_019 | SA15_11 | SS15_034 | Sphere406 | 10.3 | 10.3 | 0.3 |
| SS15_019 | Sphere 71 | SS15_034 | Sphere98 | 9.3 | 9.2 | 0.6 |
| SS15_019 | SA15_06 | SS15_034 | Sphere403 | 3.1 | 3.1 | 0.5 |
| SS15_019 | SA15_09 | SS15_034 | Sphere29 | 7.7 | 7.4 | 2.2 |
| SS15_019 | SA15_11 | SS15_037 | SA15_11 | 6.0 | 2.6 | 5.4 |
| SS15_019 | Sphere 71 | SS15_039 | Sphere 71 | 11.2 | 10.0 | 5.0 |
| SS15_019 | SA15_06 | SS15_039 | SA15_06 | 4.1 | 3.0 | 2.8 |
| SS15_019 | SA15_04 | SS15_016 | SA15_04 | 4.9 | 4.1 | 2.7 |
| SS15_019 | SA15_09 | SS15_016 | SA15_09 | 5.6 | 5.3 | 1.9 |
| SS15_019 | SA15_26 | SS15_016 | SA15_26 | 7.9 | 7.0 | 3.7 |
| SS15_019 | SA15_13 | SS15_030 | Sphere344 | 11.5 | 11.5 | 0.7 |
| SS15_019 | Sphere210 | SS15_030 | Sphere188 | 31.8 | 31.8 | 2.1 |
| SS15_019 | Sphere160 | SS15_031 | Sphere160 | 5.0 | 4.2 | 2.6 |


| SS15_019 | SA15_06 | SS15_029 | Sphere306 | 10.0 | 9.6 | 2.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_019 | SA15_08 | SS15_015 | SA15_08 | 10.5 | 10.3 | 2.3 |
| SS15_019 | SA15_09 | SS15_015 | SA15_09 | 6.6 | 6.6 | 0.3 |
| SS15_019 | SA15_04 | SS15_017 | SA15_04 | 4.7 | 3.6 | 3.1 |
| SS15_019 | SA15_09 | SS15_017 | SA15_09 | 4.5 | 4.1 | 1.7 |
| SS15_019 | Sphere188 | SS15_017 | Sphere188 | 5.7 | 5.1 | 2.7 |
| SS15_019 | Sphere 71 | SS15_038 | Sphere98 | 10.5 | 10.4 | 1.4 |
| SS15_019 | Sphere 71 | SS15_044 | Sphere71 | 17.8 | 17.4 | 3.8 |
| SS15_019 | Sphere 71 | SS15_041 | Sphere98 | 20.6 | 20.6 | 0.2 |
| SS15_019 | Sphere 71 | SS15_042 | Sphere98 | 20.2 | 19.8 | 3.6 |
| SS15_019 | Sphere 71 | SS15_043 | Sphere 71 | 20.1 | 20.1 | 0.5 |
| SS15_019 | Sphere 71 | SS15_047 | Sphere71 | 17.8 | 17.5 | 3.7 |
| SS15_020 | SA15_09 | SS15_000 | Sphere29 | 13.1 | 13.0 | 1.1 |
| SS15_020 | SA15_09 | SS15_001 | Sphere29 | 12.8 | 12.8 | 1.0 |
| SS15_020 | SA15_09 | SS15_002 | Sphere29 | 13.3 | 13.2 | 2.2 |
| SS15_020 | Sphere57 | SS15_004 | Sphere57 | 15.6 | 15.3 | 3.1 |
| SS15_020 | Sphere84 | SS15_007 | Sphere84 | 16.9 | 16.5 | 3.4 |
| SS15_020 | SA15_26 | SS15_007 | SA15_26 | 13.8 | 13.8 | 1.4 |
| SS15_020 | Sphere83 | SS15_007 | Sphere83 | 31.8 | 31.0 | 6.9 |
| SS15_020 | SA15_07 | SS15_007 | SA15_07 | 13.2 | 13.2 | 0.6 |
| SS15_020 | SA15_09 | SS15_006 | Sphere 29 | 11.7 | 11.5 | 1.8 |
| SS15_020 | SA15_26 | SS15_008 | SA15_26 | 14.9 | 14.7 | 1.9 |
| SS15_020 | Sphere83 | SS15_008 | Sphere83 | 35.7 | 35.6 | 2.9 |
| SS15_020 | SA15_07 | SS15_008 | SA15_07 | 14.0 | 14.0 | 0.4 |
| SS15_020 | Sphere108 | SS15_008 | Sphere108 | 6.5 | 6.1 | 2.4 |
| SS15_020 | Sphere 84 | SS15_008 | Sphere84 | 18.1 | 18.1 | 0.4 |
| SS15_020 | SA15_07 | SS15_009 | SA15_07 | 9.7 | 9.7 | 0.0 |
| SS15_020 | SA15_09 | SS15_012 | SA15_09 | 11.9 | 11.3 | 3.9 |
| SS15_020 | SA15_07 | SS15_010 | SA15_07 | 10.6 | 10.6 | 0.5 |
| SS15_020 | SA15_13 | SS15_011 | SA15_13 | 10.8 | 10.7 | 1.6 |
| SS15_020 | SA15_26 | SS15_011 | SA15_26 | 12.4 | 12.3 | 1.8 |
| SS15_020 | SA15_07 | SS15_011 | SA15_07 | 10.0 | 9.9 | 1.3 |
| SS15_020 | SA15_09 | SS15_013 | SA15_09 | 8.5 | 7.8 | 3.3 |
| SS15_020 | SA15_06 | SS15_013 | SA15_06 | 5.9 | 5.3 | 2.4 |
| SS15_020 | SA15_08 | SS15_013 | SA15_08 | 14.6 | 14.2 | 3.4 |
| SS15_020 | SA15_04 | SS15_013 | SA15_04 | 7.0 | 7.0 | 0.5 |
| SS15_020 | SA15_04 | SS15_014 | SA15_04 | 14.1 | 14.0 | 1.5 |
| SS15_020 | SA15_10 | SS15_019 | SA15_10 | 4.5 | 4.4 | 1.2 |
| SS15_020 | SA15_13 | SS15_019 | SA15_13 | 1.2 | 0.5 | 1.1 |
| SS15_020 | SA15_26 | SS15_019 | SA15_26 | 6.6 | 6.0 | 2.7 |


| SS15_020 | SA15_06 | SS15_019 | SA15_06 | 11.2 | 11.1 | 1.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_020 | SA15_09 | SS15_019 | SA15_09 | 2.3 | 2.2 | 0.6 |
| SS15_020 | SA15_08 | SS15_019 | SA15_08 | 3.6 | 2.9 | 2.1 |
| SS15_020 | SA15_08 | SS15_015 | SA15_08 | 8.4 | 8.4 | 0.2 |
| SS15_020 | SA15_09 | SS15_015 | SA15_09 | 4.6 | 4.6 | 0.4 |
| SS15_020 | SA15_26 | SS15_015 | SA15_26 | 4.1 | 3.8 | 1.7 |
| SS15_020 | SA15_09 | SS15_016 | SA15_09 | 3.3 | 3.0 | 1.2 |
| SS15_020 | SA15_13 | SS15_016 | SA15_13 | 1.1 | 1.1 | 0.3 |
| SS15_020 | SA15_26 | SS15_016 | SA15_26 | 1.4 | 1.0 | 1.0 |
| SS15_020 | SA15_09 | SS15_017 | SA15_09 | 2.2 | 1.9 | 1.1 |
| SS15_020 | Sphere188 | SS15_018 | Sphere188 | 2.8 | 2.8 | 0.3 |
| SS15_020 | Sphere108 | SS15_018 | Sphere108 | 1.9 | 1.8 | 0.3 |
| SS15_020 | SA15_06 | SS15_018 | SA15_06 | 3.4 | 2.7 | 2.2 |
| SS15_020 | Sphere 121 | SS15_021 | Sphere121 | 2.3 | 2.1 | 1.0 |
| SS15_020 | Sphere 71 | SS15_021 | Sphere 71 | 3.9 | 3.8 | 1.0 |
| SS15_020 | SA15_07 | SS15_021 | SA15_07 | 4.4 | 4.2 | 1.3 |
| SS15_020 | SA15_10 | SS15_021 | SA15_10 | 2.5 | 2.4 | 0.8 |
| SS15_020 | SA15_13 | SS15_022 | SA15_13 | 7.8 | 7.7 | 0.4 |
| SS15_020 | SA15_26 | SS15_022 | SA15_26 | 13.3 | 13.3 | 0.6 |
| SS15_020 | Sphere185 | SS15_022 | Sphere185 | 1.5 | 1.3 | 0.8 |
| SS15_020 | SA15_10 | SS15_022 | SA15_10 | 5.8 | 5.8 | 0.3 |
| SS15_020 | SA15_07 | SS15_022 | SA15_07 | 4.3 | 4.3 | 0.6 |
| SS15_020 | SA15_13 | SS15_023 | SA15_13 | 5.7 | 5.6 | 1.3 |
| SS15_020 | Sphere108 | SS15_023 | Sphere108 | 5.2 | 5.1 | 0.8 |
| SS15_020 | SA15_10 | SS15_023 | SA15_10 | 5.7 | 5.7 | 0.6 |
| SS15_020 | Sphere 83 | SS15_023 | Sphere83 | 16.3 | 12.7 | 10.1 |
| SS15_020 | SA15_26 | SS15_023 | SA15_26 | 12.4 | 12.4 | 0.1 |
| SS15_020 | SA15_07 | SS15_023 | SA15_07 | 0.8 | 0.7 | 0.4 |
| SS15_020 | Sphere108 | SS15_024 | Sphere259 | 3.5 | 3.4 | 0.3 |
| SS15_020 | Sphere83 | SS15_024 | Sphere261 | 14.7 | 10.4 | 10.4 |
| SS15_020 | SA15_10 | SS15_024 | Sphere260 | 6.3 | 6.2 | 0.7 |
| SS15_020 | SA15_13 | SS15_024 | SA15_13 | 6.9 | 6.9 | 0.8 |
| SS15_020 | SA15_09 | SS15_024 | Sphere257 | 3.1 | 3.0 | 1.0 |
| SS15_020 | SA15_13 | SS15_027 | SA15_13 | 9.2 | 8.7 | 3.0 |
| SS15_020 | SA15_09 | SS15_027 | Sphere257 | 5.3 | 5.1 | 1.6 |
| SS15_020 | SA15_07 | SS15_025 | SA15_07 | 6.2 | 6.0 | 1.6 |
| SS15_020 | SA15_10 | SS15_025 | Sphere260 | 7.9 | 7.9 | 0.9 |
| SS15_020 | SA15_13 | SS15_025 | SA15_13 | 5.1 | 4.7 | 1.9 |
| SS15_020 | SA15_09 | SS15_025 | Sphere257 | 2.8 | 2.5 | 1.2 |
| SS15_020 | SA15_10 | SS15_026 | Sphere260 | 8.5 | 8.3 | 1.6 |


| SS15_020 | SA15_13 | SS15_026 | SA15_13 | 12.0 | 11.7 | 2.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_020 | SA15_07 | SS15_030 | Sphere366 | 13.0 | 12.1 | 4.8 |
| SS15_020 | SA15_13 | SS15_030 | Sphere344 | 12.0 | 12.0 | 0.4 |
| SS15_020 | SA15_07 | SS15_031 | SA15_07 | 12.7 | 12.4 | 2.7 |
| SS15_020 | SA15_13 | SS15_031 | SA15_13 | 10.3 | 10.3 | 0.1 |
| SS15_020 | SA15_10 | SS15_028 | Sphere310 | 10.8 | 10.8 | 0.5 |
| SS15_020 | SA15_13 | SS15_028 | Sphere307 | 14.2 | 14.2 | 0.9 |
| SS15_020 | SA15_07 | SS15_029 | Sphere305 | 12.5 | 12.3 | 2.4 |
| SS15_020 | Sphere221 | SS15_029 | Sphere188 | 30.7 | 30.5 | 3.7 |
| SS15_020 | SA15_13 | SS15_029 | Sphere307 | 12.1 | 12.1 | 1.2 |
| SS15_020 | SA15_06 | SS15_029 | Sphere306 | 13.2 | 13.1 | 1.3 |
| SS15_020 | SA15_10 | SS15_039 | SA15_10 | 10.5 | 10.0 | 3.2 |
| SS15_020 | Sphere221 | SS15_039 | Sphere221 | 11.2 | 5.9 | 9.5 |
| SS15_020 | SA15_06 | SS15_039 | SA15_06 | 12.7 | 12.0 | 4.1 |
| SS15_020 | SA15_07 | SS15_032 | SA15_07 | 12.3 | 12.2 | 1.3 |
| SS15_020 | SA15_10 | SS15_034 | Sphere400 | 16.1 | 15.9 | 2.6 |
| SS15_020 | SA15_06 | SS15_034 | Sphere403 | 11.0 | 10.8 | 1.9 |
| SS15_020 | SA15_09 | SS15_034 | Sphere29 | 9.6 | 9.4 | 1.6 |
| SS15_020 | Sphere 71 | SS15_038 | Sphere98 | 11.9 | 11.4 | 3.3 |
| SS15_020 | SA15_07 | SS15_038 | Sphere466 | 8.5 | 8.5 | 0.4 |
| SS15_020 | SA15_06 | SS15_038 | Sphere403 | 12.0 | 12.0 | 0.1 |
| SS15_020 | Sphere 71 | SS15_044 | Sphere 71 | 15.9 | 15.8 | 1.9 |
| SS15_020 | SA15_07 | SS15_044 | SA15_07 | 13.2 | 13.2 | 0.1 |
| SS15_020 | SA15_07 | SS15_041 | Sphere466 | 10.5 | 10.4 | 0.9 |
| SS15_020 | SA15_07 | SS15_043 | SA15_07 | 12.1 | 12.0 | 1.0 |
| SS15_020 | SA15_06 | SS15_033 | Sphere403 | 8.7 | 8.7 | 0.1 |
| SS15_020 | SA15_09 | SS15_033 | Sphere29 | 14.3 | 13.8 | 3.8 |
| SS15_020 | SA15_10 | SS15_035 | SA15_10 | 6.0 | 4.6 | 3.9 |
| SS15_020 | SA15_06 | SS15_035 | SA15_06 | 6.2 | 4.8 | 3.9 |
| SS15_020 | SA15_09 | SS15_035 | SA15_09 | 3.8 | 2.4 | 2.9 |
| SS15_020 | SA15_10 | SS15_036 | SA15_10 | 6.3 | 3.0 | 5.6 |
| SS15_020 | SA15_06 | SS15_036 | SA15_06 | 6.6 | 3.5 | 5.6 |
| SS15_020 | SA15_09 | SS15_036 | SA15_09 | 3.1 | 1.3 | 2.9 |
| SS15_020 | SA15_08 | SS15_037 | SA15_08 | 12.4 | 7.2 | 10.1 |
| SS15_020 | SA15_10 | SS15_037 | SA15_10 | 5.1 | 1.3 | 5.0 |
| SS15_020 | SA15_10 | SS15_040 | Sphere400 | 13.9 | 13.8 | 1.3 |
| SS15_020 | SA15_06 | SS15_040 | Sphere403 | 13.0 | 12.9 | 1.7 |
| SS15_020 | Sphere 84 | SS15_046 | Sphere84 | 17.3 | 16.7 | 4.6 |
| SS15_021 | SA15_26 | SS15_007 | SA15_26 | 13.5 | 12.9 | 3.9 |
| SS15_021 | SA15_07 | SS15_007 | SA15_07 | 11.7 | 11.6 | 0.6 |


| SS15_021 | Sphere97 | SS15_010 | Sphere97 | 6.0 | 4.5 | 3.9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_021 | Sphere118 | SS15_008 | Sphere118 | 7.0 | 7.0 | 0.2 |
| SS15_021 | Sphere98 | SS15_008 | Sphere98 | 5.2 | 5.1 | 1.0 |
| SS15_021 | SA15_26 | SS15_008 | SA15_26 | 13.7 | 13.2 | 3.4 |
| SS15_021 | Sphere97 | SS15_008 | Sphere97 | 9.0 | 8.3 | 3.5 |
| SS15_021 | SA15_07 | SS15_009 | SA15_07 | 7.1 | 7.0 | 1.3 |
| SS15_021 | SA15_26 | SS15_009 | Sphere133 | 10.9 | 10.0 | 4.2 |
| SS15_021 | Sphere 72 | SS15_011 | Sphere 72 | 6.8 | 5.2 | 4.4 |
| SS15_021 | SA15_26 | SS15_011 | SA15_26 | 14.5 | 14.1 | 3.5 |
| SS15_021 | SA15_07 | SS15_011 | SA15_07 | 12.8 | 12.8 | 0.0 |
| SS15_021 | SA15_10 | SS15_019 | SA15_10 | 2.1 | 2.1 | 0.4 |
| SS15_021 | SA15_26 | SS15_019 | SA15_26 | 17.6 | 15.7 | 8.0 |
| SS15_021 | SA15_26 | SS15_015 | SA15_26 | 13.1 | 12.6 | 3.6 |
| SS15_021 | SA15_26 | SS15_016 | SA15_26 | 15.4 | 14.7 | 4.3 |
| SS15_021 | SA15_26 | SS15_020 | SA15_26 | 15.6 | 14.6 | 5.3 |
| SS15_021 | Sphere 98 | SS15_022 | Sphere98 | 1.7 | 1.6 | 0.3 |
| SS15_021 | SA15_26 | SS15_022 | SA15_26 | 15.6 | 14.9 | 4.7 |
| SS15_021 | SA15_07 | SS15_022 | SA15_07 | 1.9 | 0.6 | 1.8 |
| SS15_021 | SA15_10 | SS15_022 | SA15_10 | 3.6 | 3.6 | 0.5 |
| SS15_021 | Sphere98 | SS15_025 | Sphere98 | 3.2 | 3.2 | 0.7 |
| SS15_021 | Sphere 72 | SS15_025 | Sphere72 | 6.9 | 5.3 | 4.4 |
| SS15_021 | SA15_07 | SS15_025 | SA15_07 | 10.4 | 10.0 | 2.9 |
| SS15_021 | SA15_10 | SS15_025 | Sphere260 | 5.7 | 5.7 | 0.0 |
| SS15_021 | Sphere 72 | SS15_043 | Sphere 72 | 19.7 | 19.5 | 2.9 |
| SS15_021 | SA15_07 | SS15_043 | SA15_07 | 13.0 | 12.8 | 2.3 |
| SS15_021 | Sphere97 | SS15_043 | Sphere97 | 15.1 | 13.7 | 6.4 |
| SS15_021 | Sphere98 | SS15_054 | Sphere98 | 11.2 | 10.0 | 4.9 |
| SS15_021 | Sphere97 | SS15_054 | Sphere97 | 20.8 | 20.8 | 1.2 |
| SS15_021 | SA15_26 | SS15_023 | SA15_26 | 16.7 | 15.8 | 5.4 |
| SS15_021 | SA15_07 | SS15_023 | SA15_07 | 4.8 | 4.8 | 0.8 |
| SS15_021 | Sphere97 | SS15_023 | Sphere97 | 7.9 | 6.4 | 4.7 |
| SS15_021 | SA15_10 | SS15_023 | SA15_10 | 3.6 | 3.3 | 1.5 |
| SS15_021 | Sphere 72 | SS15_024 | Sphere 72 | 5.5 | 3.9 | 3.9 |
| SS15_021 | SA15_10 | SS15_024 | Sphere260 | 3.9 | 3.9 | 0.1 |
| SS15_021 | SA15_06 | SS15_027 | Sphere254 | 13.7 | 13.3 | 3.1 |
| SS15_021 | SA15_06 | SS15_026 | Sphere254 | 12.8 | 11.3 | 5.9 |
| SS15_021 | SA15_10 | SS15_026 | Sphere260 | 6.3 | 6.3 | 0.8 |
| SS15_021 | Sphere 72 | SS15_030 | Sphere110 | 14.4 | 10.0 | 10.4 |
| SS15_021 | SA15_07 | SS15_030 | Sphere366 | 14.4 | 13.0 | 6.1 |
| SS15_021 | SA15_07 | SS15_029 | Sphere305 | 14.1 | 13.6 | 3.7 |


| SS15_021 | Sphere97 | SS15_029 | Sphere340 | 15.5 | 13.9 | 6.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_021 | SA15_10 | SS15_039 | SA15_10 | 8.4 | 8.1 | 2.3 |
| SS15_021 | SA15_07 | SS15_032 | SA15_07 | 13.7 | 13.4 | 2.5 |
| SS15_021 | Sphere 97 | SS15_032 | Sphere97 | 17.1 | 11.3 | 12.9 |
| SS15_021 | SA15_07 | SS15_038 | Sphere466 | 11.9 | 11.8 | 1.7 |
| SS15_021 | Sphere 71 | SS15_044 | Sphere71 | 13.1 | 13.1 | 1.0 |
| SS15_021 | Sphere97 | SS15_044 | Sphere97 | 16.5 | 13.9 | 8.8 |
| SS15_021 | Sphere72 | SS15_047 | Sphere72 | 17.9 | 17.8 | 0.9 |
| SS15_021 | Sphere97 | SS15_046 | Sphere97 | 17.2 | 16.2 | 5.7 |
| SS15_021 | SA15_10 | SS15_028 | Sphere310 | 9.3 | 9.3 | 0.3 |
| SS15_021 | SA15_10 | SS15_034 | Sphere400 | 15.8 | 15.4 | 3.4 |
| SS15_021 | SA15_07 | SS15_041 | Sphere466 | 12.2 | 12.2 | 0.3 |
| SS15_021 | SA15_10 | SS15_040 | Sphere400 | 13.0 | 12.8 | 2.1 |
| SS15_021 | SA15_10 | SS15_035 | SA15_10 | 7.5 | 6.8 | 3.1 |
| SS15_021 | SA15_10 | SS15_036 | SA15_10 | 7.2 | 5.4 | 4.8 |
| SS15_022 | Sphere 72 | SS15_005 | Sphere 72 | 17.8 | 17.5 | 3.2 |
| SS15_022 | Sphere 91 | SS15_007 | Sphere91 | 6.6 | 6.1 | 2.6 |
| SS15_022 | SA15_26 | SS15_007 | SA15_26 | 2.6 | 2.5 | 0.8 |
| SS15_022 | SA15_06 | SS15_007 | SA15_06 | 5.4 | 5.4 | 0.1 |
| SS15_022 | Sphere104 | SS15_007 | Sphere104 | 10.7 | 10.1 | 3.4 |
| SS15_022 | Sphere87 | SS15_007 | Sphere87 | 6.2 | 5.7 | 2.3 |
| SS15_022 | Sphere105 | SS15_007 | Sphere105 | 26.7 | 26.6 | 2.7 |
| SS15_022 | Sphere104 | SS15_008 | Sphere104 | 14.9 | 13.3 | 6.8 |
| SS15_022 | SA15_26 | SS15_008 | SA15_26 | 3.3 | 3.0 | 1.3 |
| SS15_022 | Sphere 87 | SS15_008 | Sphere 87 | 5.7 | 5.5 | 1.6 |
| SS15_022 | SA15_06 | SS15_008 | SA15_06 | 6.5 | 6.3 | 1.6 |
| SS15_022 | Sphere238 | SS15_008 | Sphere94 | 63.0 | 62.9 | 1.5 |
| SS15_022 | Sphere142 | SS15_010 | Sphere142 | 7.2 | 7.0 | 2.0 |
| SS15_022 | SA15_06 | SS15_010 | SA15_06 | 3.6 | 2.5 | 2.5 |
| SS15_022 | SA15_06 | SS15_011 | SA15_06 | 6.4 | 6.3 | 1.0 |
| SS15_022 | Sphere 72 | SS15_011 | Sphere 72 | 5.8 | 5.5 | 1.7 |
| SS15_022 | SA15_26 | SS15_011 | SA15_26 | 1.6 | 1.1 | 1.2 |
| SS15_022 | SA15_07 | SS15_011 | SA15_07 | 13.3 | 13.2 | 1.8 |
| SS15_022 | Sphere153 | SS15_011 | Sphere153 | 9.4 | 6.3 | 7.0 |
| SS15_022 | SA15_10 | SS15_019 | SA15_10 | 1.7 | 1.5 | 0.9 |
| SS15_022 | SA15_13 | SS15_019 | SA15_13 | 7.4 | 7.3 | 0.7 |
| SS15_022 | SA15_26 | SS15_019 | SA15_26 | 8.9 | 8.2 | 3.3 |
| SS15_022 | SA15_06 | SS15_015 | SA15_06 | 13.4 | 13.4 | 0.7 |
| SS15_022 | SA15_06 | SS15_016 | SA15_06 | 15.4 | 15.3 | 1.8 |
| SS15_022 | SA15_26 | SS15_016 | SA15_26 | 14.2 | 14.2 | 0.4 |


| SS15_022 | SA15_06 | SS15_017 | SA15_06 | 10.3 | 10.2 | 0.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_022 | Sphere103 | SS15_018 | Sphere103 | 3.7 | 3.7 | 0.7 |
| SS15_022 | Sphere 72 | SS15_021 | Sphere 72 | 3.0 | 1.3 | 2.7 |
| SS15_022 | SA15_06 | SS15_021 | SA15_06 | 5.9 | 5.6 | 2.0 |
| SS15_022 | SA15_10 | SS15_039 | SA15_10 | 5.4 | 4.6 | 2.8 |
| SS15_022 | Sphere 72 | SS15_039 | Sphere72 | 16.2 | 16.1 | 1.9 |
| SS15_022 | SA15_13 | SS15_024 | SA15_13 | 1.1 | 0.9 | 0.5 |
| SS15_022 | SA15_06 | SS15_024 | Sphere254 | 5.6 | 4.9 | 2.7 |
| SS15_022 | Sphere87 | SS15_024 | Sphere87 | 12.2 | 11.8 | 2.9 |
| SS15_022 | Sphere72 | SS15_024 | Sphere72 | 4.1 | 3.9 | 1.2 |
| SS15_022 | Sphere105 | SS15_024 | Sphere105 | 10.9 | 10.8 | 1.2 |
| SS15_022 | Sphere153 | SS15_025 | Sphere251 | 5.3 | 5.3 | 0.3 |
| SS15_022 | Sphere 98 | SS15_025 | Sphere98 | 4.6 | 4.6 | 0.3 |
| SS15_022 | SA15_06 | SS15_025 | Sphere254 | 11.3 | 11.2 | 1.3 |
| SS15_022 | SA15_10 | SS15_025 | Sphere260 | 2.2 | 2.1 | 0.6 |
| SS15_022 | SA15_07 | SS15_025 | SA15_07 | 10.2 | 10.1 | 1.0 |
| SS15_022 | Sphere 72 | SS15_025 | Sphere72 | 5.6 | 5.4 | 1.8 |
| SS15_022 | Sphere153 | SS15_046 | Sphere153 | 38.7 | 38.6 | 3.8 |
| SS15_022 | Sphere103 | SS15_035 | Sphere103 | 3.2 | 3.2 | 0.2 |
| SS15_022 | SA15_26 | SS15_023 | SA15_26 | 1.9 | 1.8 | 0.7 |
| SS15_022 | SA15_06 | SS15_023 | SA15_06 | 4.3 | 4.3 | 0.1 |
| SS15_022 | SA15_10 | SS15_023 | SA15_10 | 1.4 | 1.0 | 1.0 |
| SS15_022 | SA15_14 | SS15_023 | SA15_14 | 2.3 | 1.8 | 1.4 |
| SS15_022 | Sphere 87 | SS15_023 | Sphere87 | 10.3 | 9.8 | 3.2 |
| SS15_022 | SA15_07 | SS15_023 | SA15_07 | 4.8 | 4.7 | 1.0 |
| SS15_022 | Sphere 72 | SS15_023 | Sphere 72 | 3.3 | 3.2 | 0.7 |
| SS15_022 | SA15_06 | SS15_027 | Sphere254 | 12.3 | 12.2 | 1.1 |
| SS15_022 | Sphere 72 | SS15_027 | Sphere72 | 8.2 | 6.6 | 4.9 |
| SS15_022 | SA15_06 | SS15_026 | Sphere254 | 9.8 | 9.0 | 3.9 |
| SS15_022 | SA15_10 | SS15_026 | Sphere260 | 3.0 | 2.7 | 1.3 |
| SS15_022 | SA15_13 | SS15_030 | Sphere344 | 7.1 | 7.1 | 0.0 |
| SS15_022 | SA15_06 | SS15_030 | Sphere369 | 6.8 | 6.2 | 2.8 |
| SS15_022 | SA15_14 | SS15_030 | Sphere348 | 3.6 | 3.4 | 0.9 |
| SS15_022 | SA15_07 | SS15_030 | Sphere366 | 14.2 | 13.5 | 4.3 |
| SS15_022 | Sphere 72 | SS15_030 | Sphere110 | 13.6 | 11.2 | 7.8 |
| SS15_022 | SA15_06 | SS15_028 | Sphere306 | 12.1 | 12.0 | 1.7 |
| SS15_022 | SA15_10 | SS15_028 | Sphere310 | 6.1 | 6.1 | 0.2 |
| SS15_022 | Sphere 72 | SS15_029 | Sphere98 | 20.9 | 20.8 | 2.4 |
| SS15_022 | Sphere 91 | SS15_029 | Sphere117 | 6.6 | 2.4 | 6.1 |
| SS15_022 | Sphere204 | SS15_032 | Sphere204 | 1.1 | 0.9 | 0.7 |


| SS15_022 | SA15_06 | SS15_032 | SA15_06 | 8.4 | 8.4 | 0.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_022 | SA15_07 | SS15_032 | SA15_07 | 14.0 | 14.0 | 0.7 |
| SS15_022 | Sphere 72 | SS15_032 | Sphere 72 | 21.4 | 21.3 | 2.7 |
| SS15_022 | Sphere91 | SS15_032 | Sphere91 | 7.0 | 4.5 | 5.4 |
| SS15_022 | SA15_14 | SS15_043 | SA15_14 | 8.0 | 8.0 | 0.8 |
| SS15_022 | SA15_07 | SS15_043 | SA15_07 | 13.4 | 13.4 | 0.5 |
| SS15_022 | Sphere 72 | SS15_043 | Sphere72 | 20.8 | 20.8 | 0.2 |
| SS15_022 | Sphere142 | SS15_054 | Sphere142 | 10.7 | 10.1 | 3.7 |
| SS15_022 | Sphere142 | SS15_044 | Sphere142 | 7.2 | 6.5 | 3.1 |
| SS15_022 | SA15_10 | SS15_040 | Sphere400 | 10.3 | 10.2 | 1.6 |
| SS15_022 | SA15_14 | SS15_040 | Sphere399 | 16.9 | 16.2 | 4.8 |
| SS15_022 | SA15_14 | SS15_033 | Sphere399 | 13.1 | 13.1 | 1.2 |
| SS15_022 | SA15_10 | SS15_034 | Sphere400 | 13.7 | 13.4 | 2.9 |
| SS15_022 | SA15_10 | SS15_036 | SA15_10 | 10.2 | 8.7 | 5.3 |
| SS15_022 | SA15_07 | SS15_038 | Sphere466 | 12.1 | 12.1 | 0.1 |
| SS15_022 | Sphere 72 | SS15_038 | Sphere142 | 12.9 | 12.7 | 2.2 |
| SS15_022 | SA15_14 | SS15_042 | Sphere399 | 10.2 | 10.2 | 0.8 |
| SS15_022 | Sphere 72 | SS15_042 | Sphere142 | 22.5 | 22.4 | 1.4 |
| SS15_022 | Sphere243 | SS15_049 | Sphere243 | 12.6 | 12.6 | 1.1 |
| SS15_022 | Sphere91 | SS15_049 | Sphere91 | 28.2 | 18.6 | 21.2 |
| SS15_022 | Sphere239 | SS15_047 | Sphere239 | 13.5 | 13.5 | 0.4 |
| SS15_022 | Sphere 72 | SS15_047 | Sphere72 | 19.4 | 19.1 | 3.6 |
| SS15_022 | Sphere91 | SS15_047 | Sphere91 | 8.5 | 8.4 | 0.8 |
| SS15_022 | Sphere91 | SS15_048 | Sphere91 | 9.2 | 9.2 | 0.5 |
| SS15_023 | SA15_26 | SS15_007 | SA15_26 | 4.4 | 4.2 | 1.5 |
| SS15_023 | SA15_06 | SS15_007 | SA15_06 | 1.3 | 1.3 | 0.1 |
| SS15_023 | Sphere105 | SS15_007 | Sphere105 | 17.7 | 17.3 | 3.4 |
| SS15_023 | Sphere 96 | SS15_010 | Sphere 96 | 10.1 | 9.7 | 3.0 |
| SS15_023 | SA15_26 | SS15_008 | SA15_26 | 5.2 | 4.8 | 2.0 |
| SS15_023 | SA15_06 | SS15_008 | SA15_06 | 2.7 | 2.2 | 1.6 |
| SS15_023 | Sphere108 | SS15_008 | Sphere108 | 3.0 | 2.5 | 1.6 |
| SS15_023 | SA15_06 | SS15_011 | SA15_06 | 2.2 | 2.0 | 0.9 |
| SS15_023 | Sphere 72 | SS15_011 | Sphere72 | 2.5 | 2.3 | 1.0 |
| SS15_023 | SA15_13 | SS15_011 | SA15_13 | 6.1 | 6.1 | 0.3 |
| SS15_023 | Sphere144 | SS15_011 | Sphere144 | 3.9 | 3.5 | 1.6 |
| SS15_023 | SA15_07 | SS15_011 | SA15_07 | 10.0 | 10.0 | 0.8 |
| SS15_023 | Sphere 179 | SS15_014 | Sphere179 | 56.5 | 56.4 | 1.8 |
| SS15_023 | SA15_13 | SS15_019 | SA15_13 | 5.7 | 5.1 | 2.4 |
| SS15_023 | Sphere144 | SS15_019 | Sphere144 | 12.6 | 12.4 | 2.4 |
| SS15_023 | Sphere42 | SS15_019 | Sphere42 | 13.0 | 12.1 | 4.6 |


| SS15_023 | Sphere179 | SS15_015 | Sphere179 | 35.8 | 35.7 | 1.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_023 | SA15_06 | SS15_015 | SA15_06 | 14.1 | 14.1 | 0.8 |
| SS15_023 | SA15_06 | SS15_016 | SA15_06 | 15.8 | 15.7 | 1.8 |
| SS15_023 | SA15_13 | SS15_016 | SA15_13 | 6.2 | 6.2 | 1.1 |
| SS15_023 | SA15_26 | SS15_016 | SA15_26 | 13.5 | 13.4 | 1.1 |
| SS15_023 | Sphere179 | SS15_016 | Sphere179 | 27.1 | 26.9 | 3.7 |
| SS15_023 | Sphere179 | SS15_017 | Sphere179 | 4.8 | 0.9 | 4.7 |
| SS15_023 | Sphere108 | SS15_018 | Sphere108 | 6.9 | 6.8 | 1.1 |
| SS15_023 | Sphere 72 | SS15_021 | Sphere 72 | 4.5 | 2.9 | 3.4 |
| SS15_023 | SA15_06 | SS15_021 | SA15_06 | 8.5 | 8.3 | 1.9 |
| SS15_023 | Sphere 71 | SS15_021 | Sphere 71 | 3.5 | 0.2 | 3.5 |
| SS15_023 | SA15_13 | SS15_022 | SA15_13 | 3.2 | 2.7 | 1.7 |
| SS15_023 | Sphere105 | SS15_022 | Sphere105 | 14.8 | 14.8 | 0.7 |
| SS15_023 | SA15_13 | SS15_027 | SA15_13 | 5.4 | 3.1 | 4.3 |
| SS15_023 | SA15_06 | SS15_027 | Sphere254 | 8.6 | 8.5 | 1.2 |
| SS15_023 | Sphere 72 | SS15_025 | Sphere 72 | 2.7 | 2.5 | 1.0 |
| SS15_023 | SA15_13 | SS15_025 | SA15_13 | 1.3 | 1.2 | 0.5 |
| SS15_023 | Sphere99 | SS15_025 | Sphere99 | 4.3 | 4.0 | 1.6 |
| SS15_023 | SA15_07 | SS15_025 | SA15_07 | 6.1 | 5.8 | 2.0 |
| SS15_023 | SA15_13 | SS15_026 | SA15_13 | 7.8 | 6.7 | 3.9 |
| SS15_023 | SA15_06 | SS15_026 | Sphere254 | 6.3 | 4.9 | 4.0 |
| SS15_023 | Sphere 71 | SS15_026 | Sphere71 | 15.5 | 14.8 | 4.7 |
| SS15_023 | Sphere 72 | SS15_030 | Sphere110 | 12.0 | 9.7 | 7.0 |
| SS15_023 | SA15_13 | SS15_030 | Sphere344 | 7.2 | 7.0 | 1.7 |
| SS15_023 | Sphere144 | SS15_024 | Sphere144 | 6.9 | 6.3 | 2.7 |
| SS15_023 | Sphere 72 | SS15_024 | Sphere 72 | 1.3 | 1.2 | 0.5 |
| SS15_023 | SA15_13 | SS15_024 | SA15_13 | 3.2 | 2.3 | 2.2 |
| SS15_023 | SA15_06 | SS15_024 | Sphere254 | 2.9 | 1.0 | 2.7 |
| SS15_023 | Sphere108 | SS15_024 | Sphere259 | 1.8 | 1.7 | 0.5 |
| SS15_023 | Sphere105 | SS15_024 | Sphere105 | 4.6 | 4.2 | 1.9 |
| SS15_023 | SA15_13 | SS15_031 | SA15_13 | 5.3 | 5.1 | 1.2 |
| SS15_023 | Sphere 105 | SS15_031 | Sphere105 | 22.4 | 20.8 | 8.5 |
| SS15_023 | Sphere 71 | SS15_044 | Sphere71 | 14.0 | 13.3 | 4.4 |
| SS15_023 | Sphere 110 | SS15_044 | Sphere110 | 9.4 | 9.4 | 0.5 |
| SS15_023 | SA15_13 | SS15_029 | Sphere307 | 8.7 | 8.3 | 2.5 |
| SS15_023 | Sphere 71 | SS15_039 | Sphere 71 | 15.0 | 14.4 | 4.4 |
| SS15_023 | SA15_06 | SS15_032 | SA15_06 | 4.9 | 4.9 | 0.6 |
| SS15_023 | SA15_07 | SS15_032 | SA15_07 | 12.7 | 12.6 | 1.7 |
| SS15_023 | Sphere 71 | SS15_038 | Sphere98 | 14.5 | 14.4 | 0.8 |
| SS15_023 | SA15_07 | SS15_038 | Sphere466 | 8.5 | 8.5 | 0.9 |


| SS15_023 | Sphere 71 | SS15_042 | Sphere98 | 19.8 | 19.6 | 3.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_023 | Sphere 72 | SS15_043 | Sphere72 | 19.7 | 19.7 | 0.5 |
| SS15_023 | SA15_14 | SS15_043 | SA15_14 | 6.8 | 6.8 | 0.6 |
| SS15_023 | SA15_07 | SS15_043 | SA15_07 | 12.6 | 12.5 | 1.5 |
| SS15_023 | Sphere97 | SS15_043 | Sphere97 | 8.7 | 8.6 | 1.7 |
| SS15_023 | Sphere 72 | SS15_047 | Sphere72 | 18.8 | 18.3 | 4.3 |
| SS15_023 | Sphere 71 | SS15_047 | Sphere71 | 14.1 | 13.5 | 4.3 |
| SS15_023 | Sphere 71 | SS15_020 | Sphere71 | 4.4 | 3.6 | 2.5 |
| SS15_023 | Sphere179 | SS15_020 | Sphere179 | 13.7 | 13.2 | 3.6 |
| SS15_023 | SA15_13 | SS15_028 | Sphere307 | 11.7 | 11.5 | 2.2 |
| SS15_023 | Sphere 71 | SS15_034 | Sphere98 | 13.9 | 13.9 | 1.3 |
| SS15_023 | Sphere42 | SS15_036 | Sphere42 | 6.3 | 5.6 | 2.8 |
| SS15_023 | Sphere 71 | SS15_041 | Sphere98 | 21.3 | 21.3 | 0.4 |
| SS15_023 | Sphere42 | SS15_035 | Sphere42 | 5.0 | 3.4 | 3.7 |
| SS15_023 | Sphere97 | SS15_054 | Sphere97 | 18.8 | 17.8 | 5.9 |
| SS15_024 | Sphere257 | SS15_002 | Sphere29 | 11.1 | 11.0 | 1.3 |
| SS15_024 | Sphere99 | SS15_007 | Sphere99 | 5.4 | 5.3 | 0.4 |
| SS15_024 | Sphere133 | SS15_007 | SA15_26 | 7.2 | 6.4 | 3.4 |
| SS15_024 | Sphere261 | SS15_007 | Sphere83 | 20.9 | 20.6 | 3.5 |
| SS15_024 | Sphere252 | SS15_007 | Sphere42 | 8.0 | 8.0 | 0.1 |
| SS15_024 | Sphere254 | SS15_007 | SA15_06 | 3.3 | 1.8 | 2.8 |
| SS15_024 | Sphere87 | SS15_007 | Sphere87 | 7.6 | 7.6 | 0.6 |
| SS15_024 | SA15_07 | SS15_007 | SA15_07 | 14.5 | 14.1 | 3.7 |
| SS15_024 | Sphere99 | SS15_008 | Sphere99 | 5.6 | 5.5 | 0.7 |
| SS15_024 | Sphere133 | SS15_008 | SA15_26 | 8.3 | 7.3 | 3.9 |
| SS15_024 | Sphere261 | SS15_008 | Sphere83 | 26.2 | 25.1 | 7.5 |
| SS15_024 | SA15_07 | SS15_008 | SA15_07 | 15.0 | 14.6 | 3.6 |
| SS15_024 | Sphere259 | SS15_008 | Sphere108 | 4.1 | 3.6 | 2.1 |
| SS15_024 | Sphere 110 | SS15_008 | Sphere110 | 5.8 | 5.7 | 1.2 |
| SS15_024 | SA15_07 | SS15_009 | SA15_07 | 11.4 | 11.0 | 3.1 |
| SS15_024 | Sphere133 | SS15_009 | Sphere133 | 9.8 | 9.3 | 3.1 |
| SS15_024 | Sphere133 | SS15_010 | SA15_26 | 11.7 | 9.4 | 7.0 |
| SS15_024 | SA15_07 | SS15_010 | SA15_07 | 12.5 | 12.0 | 3.6 |
| SS15_024 | Sphere 72 | SS15_011 | Sphere72 | 2.0 | 1.9 | 0.5 |
| SS15_024 | Sphere144 | SS15_011 | Sphere144 | 3.9 | 3.7 | 1.0 |
| SS15_024 | Sphere 133 | SS15_011 | SA15_26 | 5.6 | 4.1 | 3.8 |
| SS15_024 | SA15_07 | SS15_011 | SA15_07 | 10.0 | 8.9 | 4.4 |
| SS15_024 | Sphere251 | SS15_011 | Sphere153 | 13.1 | 11.3 | 6.6 |
| SS15_024 | Sphere252 | SS15_011 | Sphere42 | 3.5 | 3.3 | 1.2 |
| SS15_024 | Sphere146 | SS15_011 | Sphere146 | 7.3 | 7.3 | 0.4 |


| SS15_024 | Sphere256 | SS15_019 | Sphere157 | 2.2 | 0.7 | 2.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_024 | Sphere260 | SS15_019 | SA15_10 | 1.9 | 1.9 | 0.4 |
| SS15_024 | Sphere252 | SS15_019 | Sphere42 | 5.4 | 5.3 | 1.1 |
| SS15_024 | Sphere 71 | SS15_019 | Sphere71 | 3.3 | 2.8 | 1.7 |
| SS15_024 | Sphere144 | SS15_019 | Sphere144 | 6.3 | 6.3 | 0.2 |
| SS15_024 | Sphere133 | SS15_019 | SA15_26 | 3.4 | 3.3 | 0.7 |
| SS15_024 | Sphere188 | SS15_019 | Sphere188 | 4.8 | 4.4 | 1.9 |
| SS15_024 | Sphere257 | SS15_015 | SA15_09 | 7.2 | 7.1 | 1.3 |
| SS15_024 | Sphere133 | SS15_015 | SA15_26 | 11.9 | 11.3 | 3.7 |
| SS15_024 | Sphere254 | SS15_015 | SA15_06 | 15.2 | 15.1 | 2.0 |
| SS15_024 | Sphere188 | SS15_016 | Sphere188 | 10.9 | 10.8 | 0.3 |
| SS15_024 | SA15_07 | SS15_016 | SA15_07 | 5.3 | 0.9 | 5.2 |
| SS15_024 | Sphere133 | SS15_016 | SA15_26 | 10.2 | 9.8 | 3.0 |
| SS15_024 | SA15_07 | SS15_017 | SA15_07 | 3.7 | 3.0 | 2.2 |
| SS15_024 | Sphere110 | SS15_017 | Sphere110 | 3.0 | 0.7 | 2.9 |
| SS15_024 | Sphere133 | SS15_017 | SA15_26 | 10.7 | 10.4 | 2.4 |
| SS15_024 | Sphere188 | SS15_017 | Sphere188 | 1.3 | 1.0 | 0.8 |
| SS15_024 | Sphere188 | SS15_018 | Sphere188 | 5.2 | 5.2 | 0.6 |
| SS15_024 | Sphere 71 | SS15_018 | Sphere71 | 3.6 | 2.9 | 2.2 |
| SS15_024 | Sphere259 | SS15_018 | Sphere108 | 5.2 | 5.2 | 0.6 |
| SS15_024 | Sphere133 | SS15_021 | SA15_26 | 16.6 | 14.9 | 7.3 |
| SS15_024 | Sphere254 | SS15_021 | SA15_06 | 10.3 | 9.2 | 4.7 |
| SS15_024 | Sphere 71 | SS15_021 | Sphere 71 | 5.7 | 3.3 | 4.6 |
| SS15_024 | SA15_07 | SS15_021 | SA15_07 | 7.4 | 6.0 | 4.4 |
| SS15_024 | Sphere 251 | SS15_022 | Sphere153 | 5.3 | 5.3 | 0.3 |
| SS15_024 | Sphere133 | SS15_022 | SA15_26 | 5.6 | 4.9 | 2.6 |
| SS15_024 | Sphere260 | SS15_022 | SA15_10 | 1.0 | 0.9 | 0.4 |
| SS15_024 | SA15_14 | SS15_022 | SA15_14 | 2.0 | 1.7 | 1.0 |
| SS15_024 | Sphere243 | SS15_022 | Sphere243 | 7.2 | 1.8 | 7.0 |
| SS15_024 | SA15_07 | SS15_022 | SA15_07 | 6.5 | 6.0 | 2.6 |
| SS15_024 | Sphere250 | SS15_022 | Sphere240 | 3.7 | 2.9 | 2.3 |
| SS15_024 | SA15_14 | SS15_023 | SA15_14 | 3.1 | 1.9 | 2.4 |
| SS15_024 | Sphere 71 | SS15_023 | Sphere 71 | 3.3 | 3.1 | 1.1 |
| SS15_024 | Sphere260 | SS15_023 | SA15_10 | 1.5 | 0.6 | 1.4 |
| SS15_024 | Sphere261 | SS15_023 | Sphere83 | 4.1 | 4.1 | 0.3 |
| SS15_024 | Sphere99 | SS15_023 | Sphere99 | 3.7 | 3.5 | 1.2 |
| SS15_024 | Sphere133 | SS15_023 | SA15_26 | 4.2 | 3.7 | 1.9 |
| SS15_024 | SA15_07 | SS15_023 | SA15_07 | 3.8 | 1.4 | 3.6 |
| SS15_024 | Sphere252 | SS15_023 | Sphere42 | 7.7 | 6.8 | 3.5 |
| SS15_024 | Sphere110 | SS15_023 | Sphere110 | 0.8 | 0.8 | 0.0 |


| SS15_024 | Sphere87 | SS15_023 | Sphere87 | 2.1 | 2.0 | 0.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_024 | Sphere71 | SS15_020 | Sphere71 | 4.0 | 1.6 | 3.7 |
| SS15_024 | SA15_07 | SS15_020 | SA15_07 | 3.6 | 1.7 | 3.1 |
| SS15_024 | Sphere 188 | SS15_020 | Sphere 188 | 5.3 | 5.3 | 0.2 |
| SS15_024 | Sphere 133 | SS15_020 | SA15_26 | 9.0 | 8.8 | 2.0 |
| SS15_024 | SA15_07 | SS15_027 | SA15_07 | 5.1 | 5.1 | 0.2 |
| SS15_024 | Sphere254 | SS15_027 | Sphere254 | 8.8 | 8.6 | 1.6 |
| SS15_024 | Sphere71 | SS15_027 | Sphere71 | 8.3 | 6.4 | 5.3 |
| SS15_024 | Sphere 160 | SS15_027 | Sphere160 | 9.6 | 7.3 | 6.3 |
| SS15_024 | Sphere 160 | SS15_025 | Sphere 160 | 7.7 | 7.5 | 1.9 |
| SS15_024 | Sphere260 | SS15_025 | Sphere260 | 2.0 | 2.0 | 0.1 |
| SS15_024 | SA15_07 | SS15_025 | SA15_07 | 4.7 | 4.4 | 1.5 |
| SS15_024 | Sphere99 | SS15_025 | Sphere99 | 8.0 | 7.5 | 2.8 |
| SS15_024 | Sphere 110 | SS15_025 | Sphere110 | 1.6 | 1.3 | 1.0 |
| SS15_024 | Sphere251 | SS15_025 | Sphere251 | 2.9 | 2.8 | 0.6 |
| SS15_024 | Sphere 160 | SS15_031 | Sphere160 | 8.5 | 8.5 | 0.3 |
| SS15_024 | Sphere 146 | SS15_031 | Sphere146 | 11.3 | 11.3 | 0.3 |
| SS15_024 | SA15_07 | SS15_031 | SA15_07 | 12.7 | 12.7 | 0.4 |
| SS15_024 | Sphere99 | SS15_031 | Sphere99 | 5.6 | 5.6 | 0.3 |
| SS15_024 | Sphere260 | SS15_036 | SA15_10 | 10.4 | 9.2 | 4.8 |
| SS15_024 | Sphere252 | SS15_036 | Sphere42 | 3.1 | 3.0 | 0.6 |
| SS15_024 | SA15_14 | SS15_026 | SA15_14 | 3.6 | 3.6 | 0.3 |
| SS15_024 | Sphere 188 | SS15_026 | Sphere 188 | 11.6 | 10.1 | 5.7 |
| SS15_024 | Sphere 146 | SS15_026 | Sphere 146 | 3.3 | 2.8 | 1.8 |
| SS15_024 | Sphere260 | SS15_026 | Sphere260 | 2.9 | 2.7 | 0.9 |
| SS15_024 | Sphere71 | SS15_026 | Sphere71 | 14.8 | 14.3 | 3.6 |
| SS15_024 | Sphere254 | SS15_026 | Sphere254 | 5.0 | 4.8 | 1.3 |
| SS15_024 | SA15_14 | SS15_030 | Sphere348 | 5.0 | 4.6 | 1.9 |
| SS15_024 | Sphere 146 | SS15_030 | Sphere90 | 6.3 | 5.9 | 2.1 |
| SS15_024 | SA15_07 | SS15_030 | Sphere366 | 12.2 | 12.1 | 1.7 |
| SS15_024 | Sphere99 | SS15_030 | Sphere364 | 9.7 | 9.3 | 2.6 |
| SS15_024 | SA15_13 | SS15_030 | Sphere344 | 7.7 | 7.7 | 0.5 |
| SS15_024 | Sphere 110 | SS15_030 | Sphere98 | 5.7 | 5.7 | 0.0 |
| SS15_024 | Sphere260 | SS15_028 | Sphere310 | 6.4 | 6.4 | 0.2 |
| SS15_024 | SA15_07 | SS15_029 | Sphere305 | 12.0 | 12.0 | 0.7 |
| SS15_024 | SA15_14 | SS15_040 | Sphere399 | 16.7 | 15.7 | 5.7 |
| SS15_024 | Sphere260 | SS15_040 | Sphere400 | 10.9 | 10.7 | 2.1 |
| SS15_024 | SA15_07 | SS15_040 | Sphere466 | 8.8 | 7.7 | 4.3 |
| SS15_024 | Sphere 146 | SS15_032 | Sphere146 | 5.1 | 3.0 | 4.1 |
| SS15_024 | SA15_07 | SS15_032 | SA15_07 | 12.1 | 12.0 | 1.9 |


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| :--- | :--- | :--- | ---: | ---: | ---: |
| SS15_024 | Sphere254 | SS15_032 | SA15_06 | 6.2 | 5.3 | SS.4


| SS15_025 | Sphere268 | SS15_011 | Sphere101 | 5.3 | 2.3 | 4.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_025 | SA15_07 | SS15_011 | SA15_07 | 6.3 | 5.6 | 2.9 |
| SS15_025 | Sphere251 | SS15_011 | Sphere153 | 13.7 | 11.6 | 7.3 |
| SS15_025 | Sphere257 | SS15_013 | SA15_09 | 10.3 | 10.1 | 2.1 |
| SS15_025 | SA15_13 | SS15_019 | SA15_13 | 5.2 | 4.3 | 3.0 |
| SS15_025 | Sphere 71 | SS15_019 | Sphere71 | 2.6 | 1.9 | 1.8 |
| SS15_025 | Sphere257 | SS15_019 | SA15_09 | 2.1 | 1.1 | 1.8 |
| SS15_025 | Sphere 188 | SS15_019 | Sphere188 | 2.3 | 2.3 | 0.0 |
| SS15_025 | SA15_21 | SS15_019 | SA15_21 | 1.9 | 0.8 | 1.7 |
| SS15_025 | Sphere257 | SS15_015 | SA15_09 | 7.3 | 7.1 | 1.5 |
| SS15_025 | Sphere254 | SS15_015 | SA15_06 | 15.8 | 15.7 | 0.6 |
| SS15_025 | Sphere254 | SS15_016 | SA15_06 | 16.9 | 16.7 | 3.1 |
| SS15_025 | Sphere 188 | SS15_016 | Sphere188 | 7.5 | 7.2 | 2.2 |
| SS15_025 | Sphere257 | SS15_016 | SA15_09 | 5.4 | 5.4 | 0.1 |
| SS15_025 | SA15_21 | SS15_017 | SA15_21 | 2.5 | 1.8 | 1.7 |
| SS15_025 | Sphere 110 | SS15_017 | Sphere110 | 4.4 | 2.0 | 3.9 |
| SS15_025 | Sphere269 | SS15_017 | Sphere196 | 3.1 | 3.0 | 0.9 |
| SS15_025 | Sphere257 | SS15_017 | SA15_09 | 4.5 | 4.5 | 0.1 |
| SS15_025 | Sphere188 | SS15_017 | Sphere188 | 5.5 | 4.7 | 2.7 |
| SS15_025 | Sphere254 | SS15_017 | SA15_06 | 17.1 | 17.0 | 2.0 |
| SS15_025 | Sphere188 | SS15_018 | Sphere188 | 4.3 | 4.0 | 1.4 |
| SS15_025 | Sphere 71 | SS15_018 | Sphere 71 | 3.5 | 2.7 | 2.3 |
| SS15_025 | Sphere254 | SS15_021 | SA15_06 | 13.9 | 13.5 | 3.3 |
| SS15_025 | Sphere 71 | SS15_021 | Sphere 71 | 6.0 | 3.8 | 4.7 |
| SS15_025 | SA15_13 | SS15_022 | SA15_13 | 3.8 | 3.1 | 2.2 |
| SS15_025 | SA15_14 | SS15_022 | SA15_14 | 3.3 | 3.1 | 1.1 |
| SS15_025 | Sphere 248 | SS15_023 | Sphere248 | 8.5 | 7.9 | 3.2 |
| SS15_025 | SA15_14 | SS15_023 | SA15_14 | 2.0 | 2.0 | 0.3 |
| SS15_025 | Sphere254 | SS15_023 | SA15_06 | 7.2 | 7.1 | 1.3 |
| SS15_025 | Sphere 71 | SS15_023 | Sphere 71 | 3.9 | 3.7 | 1.2 |
| SS15_025 | Sphere260 | SS15_023 | SA15_10 | 3.0 | 2.6 | 1.5 |
| SS15_025 | SA15_21 | SS15_023 | SA15_21 | 2.7 | 2.7 | 0.4 |
| SS15_025 | Sphere 110 | SS15_023 | Sphere110 | 2.0 | 1.8 | 1.0 |
| SS15_025 | Sphere 71 | SS15_020 | Sphere71 | 3.8 | 0.6 | 3.7 |
| SS15_025 | Sphere188 | SS15_020 | Sphere188 | 2.4 | 1.7 | 1.7 |
| SS15_025 | Sphere270 | SS15_027 | Sphere270 | 5.7 | 5.2 | 2.5 |
| SS15_025 | Sphere254 | SS15_027 | Sphere254 | 2.8 | 2.8 | 0.2 |
| SS15_025 | SA15_12 | SS15_027 | SA15_12 | 3.6 | 1.6 | 3.3 |
| SS15_025 | Sphere257 | SS15_027 | Sphere257 | 3.5 | 3.5 | 0.4 |
| SS15_025 | Sphere 71 | SS15_027 | Sphere71 | 6.9 | 4.5 | 5.3 |


| SS15_025 | Sphere160 | SS15_027 | Sphere160 | 4.4 | 0.3 | 4.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_025 | SA15_14 | SS15_024 | SA15_14 | 2.7 | 1.7 | 2.1 |
| SS15_025 | Sphere188 | SS15_024 | Sphere188 | 4.9 | 4.5 | 1.9 |
| SS15_025 | Sphere 72 | SS15_024 | Sphere72 | 1.5 | 1.4 | 0.5 |
| SS15_025 | SA15_13 | SS15_024 | SA15_13 | 3.6 | 2.3 | 2.7 |
| SS15_025 | Sphere 71 | SS15_024 | Sphere71 | 2.1 | 2.1 | 0.1 |
| SS15_025 | Sphere254 | SS15_024 | Sphere254 | 7.1 | 6.9 | 1.4 |
| SS15_025 | Sphere257 | SS15_024 | Sphere257 | 1.7 | 1.7 | 0.2 |
| SS15_025 | Sphere 71 | SS15_026 | Sphere 71 | 12.7 | 12.2 | 3.5 |
| SS15_025 | SA15_21 | SS15_026 | SA15_21 | 3.8 | 2.4 | 2.9 |
| SS15_025 | Sphere270 | SS15_026 | Sphere270 | 2.6 | 2.5 | 0.6 |
| SS15_025 | SA15_14 | SS15_026 | SA15_14 | 4.9 | 4.4 | 2.3 |
| SS15_025 | Sphere188 | SS15_026 | Sphere188 | 6.9 | 5.7 | 3.8 |
| SS15_025 | Sphere254 | SS15_026 | Sphere254 | 3.5 | 2.3 | 2.7 |
| SS15_025 | Sphere260 | SS15_026 | Sphere260 | 1.1 | 0.9 | 0.8 |
| SS15_025 | Sphere 71 | SS15_030 | Sphere72 | 11.8 | 11.2 | 3.7 |
| SS15_025 | SA15_14 | SS15_030 | Sphere348 | 4.8 | 4.8 | 0.2 |
| SS15_025 | Sphere 72 | SS15_030 | Sphere110 | 12.4 | 10.9 | 6.0 |
| SS15_025 | Sphere254 | SS15_030 | Sphere369 | 5.3 | 5.1 | 1.6 |
| SS15_025 | SA15_13 | SS15_030 | Sphere344 | 8.5 | 8.2 | 2.2 |
| SS15_025 | Sphere 71 | SS15_031 | Sphere71 | 13.5 | 13.4 | 2.3 |
| SS15_025 | Sphere188 | SS15_031 | Sphere188 | 4.3 | 3.9 | 1.8 |
| SS15_025 | SA15_12 | SS15_028 | Sphere308 | 4.6 | 4.2 | 1.8 |
| SS15_025 | SA15_22 | SS15_028 | Sphere300 | 5.2 | 2.4 | 4.6 |
| SS15_025 | Sphere 71 | SS15_029 | Sphere110 | 14.7 | 14.7 | 0.8 |
| SS15_025 | Sphere270 | SS15_029 | Sphere342 | 2.4 | 1.3 | 2.0 |
| SS15_025 | Sphere 71 | SS15_039 | Sphere 71 | 11.3 | 10.9 | 3.2 |
| SS15_025 | SA15_12 | SS15_039 | SA15_12 | 7.7 | 7.1 | 2.8 |
| SS15_025 | Sphere271 | SS15_039 | Sphere425 | 6.3 | 5.1 | 3.6 |
| SS15_025 | Sphere 71 | SS15_032 | Sphere 71 | 17.1 | 17.0 | 1.4 |
| SS15_025 | SA15_12 | SS15_032 | SA15_12 | 1.0 | 1.0 | 0.2 |
| SS15_025 | Sphere254 | SS15_032 | SA15_06 | 4.3 | 3.8 | 2.0 |
| SS15_025 | Sphere 71 | SS15_034 | Sphere98 | 10.6 | 10.3 | 2.4 |
| SS15_025 | SA15_12 | SS15_034 | Sphere401 | 13.3 | 13.2 | 1.1 |
| SS15_025 | Sphere257 | SS15_034 | Sphere29 | 7.9 | 7.9 | 0.4 |
| SS15_025 | Sphere 71 | SS15_038 | Sphere98 | 11.1 | 11.1 | 0.4 |
| SS15_025 | SA15_07 | SS15_038 | Sphere466 | 3.8 | 3.6 | 1.2 |
| SS15_025 | SA15_14 | SS15_038 | Sphere399 | 11.1 | 11.1 | 0.1 |
| SS15_025 | SA15_12 | SS15_038 | Sphere401 | 8.6 | 8.6 | 0.9 |
| SS15_025 | Sphere 71 | SS15_044 | Sphere71 | 16.5 | 15.5 | 5.6 |


| SS15_025 | Sphere 110 | SS15_044 | Sphere 110 | 8.2 | 8.1 | 1.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_025 | Sphere268 | SS15_044 | Sphere101 | 4.8 | 4.2 | 2.2 |
| SS15_025 | SA15_22 | SS15_044 | SA15_22 | 14.3 | 14.3 | 0.6 |
| SS15_025 | Sphere71 | SS15_041 | Sphere98 | 20.0 | 19.9 | 1.6 |
| SS15_025 | Sphere71 | SS15_042 | Sphere98 | 18.9 | 18.8 | 1.8 |
| SS15_025 | SA15_14 | SS15_042 | Sphere399 | 10.4 | 10.2 | 1.9 |
| SS15_025 | SA15_22 | SS15_042 | Sphere462 | 12.8 | 11.7 | 5.3 |
| SS15_025 | Sphere71 | SS15_043 | Sphere71 | 18.5 | 18.3 | 2.3 |
| SS15_025 | SA15_14 | SS15_043 | SA15_14 | 8.2 | 8.2 | 0.3 |
| SS15_025 | Sphere72 | SS15_043 | Sphere72 | 20.9 | 20.9 | 1.6 |
| SS15_025 | Sphere71 | SS15_047 | Sphere71 | 16.5 | 15.6 | 5.5 |
| SS15_025 | Sphere72 | SS15_047 | Sphere72 | 20.5 | 19.8 | 5.3 |
| SS15_025 | Sphere71 | SS15_045 | Sphere71 | 13.5 | 12.1 | 6.1 |
| SS15_025 | Sphere203 | SS15_046 | Sphere203 | 25.9 | 20.5 | 15.8 |
| SS15_025 | Sphere251 | SS15_046 | Sphere153 | 42.3 | 42.1 | 4.1 |
| SS15_025 | SA15_22 | SS15_046 | SA15_22 | 12.5 | 12.3 | 2.2 |
| SS15_025 | Sphere257 | SS15_036 | SA15_09 | 5.2 | 3.3 | 4.0 |
| SS15_025 | Sphere260 | SS15_036 | SA15_10 | 11.8 | 10.8 | 4.7 |
| SS15_025 | SA15_14 | SS15_040 | Sphere399 | 14.6 | 14.1 | 3.7 |
| SS15_025 | SA15_22 | SS15_040 | Sphere462 | 7.1 | 7.1 | 0.7 |
| SS15_025 | SA15_14 | SS15_033 | Sphere399 | 10.0 | 10.0 | 0.1 |
| SS15_025 | SA15_12 | SS15_033 | Sphere401 | 14.6 | 14.5 | 2.2 |
| SS15_025 | Sphere257 | SS15_033 | Sphere29 | 14.6 | 14.3 | 2.6 |
| SS15_025 | SA15_12 | SS15_037 | SA15_12 | 16.1 | 14.7 | 6.6 |
| SS15_025 | Sphere263 | SS15_037 | Sphere426 | 4.3 | 2.8 | 3.3 |
| SS15_025 | SA15_12 | SS15_035 | SA15_12 | 13.3 | 12.9 | 3.0 |
| SS15_025 | Sphere257 | SS15_035 | SA15_09 | 6.4 | 4.9 | 4.1 |
| SS15_025 | Sphere263 | SS15_035 | Sphere426 | 2.9 | 1.2 | 2.7 |
| SS15_025 | Sphere271 | SS15_035 | Sphere425 | 13.8 | 13.4 | 3.6 |
| SS15_026 | Sphere72 | SS15_005 | Sphere72 | 13.1 | 9.1 | 9.5 |
| SS15_026 | Sphere72 | SS15_011 | Sphere72 | 5.6 | 3.2 | 4.6 |
| SS15_026 | Sphere284 | SS15_013 | Sphere22 | 15.0 | 14.6 | 3.5 |
| SS15_026 | SA15_13 | SS15_019 | SA15_13 | 11.4 | 11.3 | 1.5 |
| SS15_026 | Sphere292 | SS15_019 | Sphere210 | 17.1 | 15.5 | 7.2 |
| SS15_026 | Sphere 188 | SS15_019 | Sphere 188 | 8.3 | 7.3 | 3.8 |
| SS15_026 | Sphere188 | SS15_017 | Sphere188 | 12.1 | 10.1 | 6.5 |
| SS15_026 | Sphere188 | SS15_018 | Sphere188 | 10.1 | 8.7 | 5.2 |
| SS15_026 | Sphere72 | SS15_021 | Sphere72 | 11.9 | 7.8 | 9.0 |
| SS15_026 | Sphere71 | SS15_021 | Sphere71 | 16.9 | 14.7 | 8.2 |
| SS15_026 | SA15_13 | SS15_022 | SA15_13 | 7.2 | 6.9 | 2.2 |


| SS15_026 | SA15_14 | SS15_022 | SA15_14 | 2.4 | 2.1 | 1.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_026 | Sphere72 | SS15_022 | Sphere72 | 10.6 | 8.5 | 6.3 |
| SS15_026 | Sphere248 | SS15_023 | Sphere248 | 10.5 | 8.6 | 6.0 |
| SS15_026 | Sphere 72 | SS15_023 | Sphere72 | 7.7 | 5.3 | 5.6 |
| SS15_026 | SA15_14 | SS15_023 | SA15_14 | 3.6 | 2.4 | 2.6 |
| SS15_026 | Sphere260 | SS15_023 | SA15_10 | 4.0 | 3.3 | 2.3 |
| SS15_026 | SA15_21 | SS15_023 | SA15_21 | 3.4 | 0.7 | 3.3 |
| SS15_026 | Sphere 71 | SS15_020 | Sphere71 | 14.7 | 12.7 | 7.2 |
| SS15_026 | Sphere188 | SS15_020 | Sphere188 | 8.1 | 5.9 | 5.5 |
| SS15_026 | Sphere72 | SS15_027 | Sphere72 | 5.2 | 5.0 | 1.4 |
| SS15_026 | Sphere280 | SS15_027 | Sphere280 | 3.6 | 3.6 | 0.1 |
| SS15_026 | Sphere254 | SS15_027 | Sphere254 | 4.8 | 3.9 | 2.8 |
| SS15_026 | Sphere284 | SS15_027 | Sphere284 | 18.0 | 17.5 | 4.1 |
| SS15_026 | Sphere292 | SS15_027 | Sphere292 | 8.3 | 8.2 | 1.3 |
| SS15_026 | Sphere289 | SS15_027 | Sphere289 | 2.2 | 1.6 | 1.5 |
| SS15_026 | SA15_22 | SS15_027 | SA15_22 | 1.3 | 0.9 | 0.9 |
| SS15_026 | Sphere248 | SS15_027 | Sphere248 | 6.1 | 6.0 | 1.1 |
| SS15_026 | Sphere288 | SS15_027 | Sphere288 | 19.7 | 19.4 | 3.3 |
| SS15_026 | Sphere72 | SS15_024 | Sphere72 | 7.2 | 5.1 | 5.0 |
| SS15_026 | SA15_13 | SS15_024 | SA15_13 | 7.7 | 7.5 | 1.8 |
| SS15_026 | Sphere 267 | SS15_025 | Sphere267 | 22.8 | 19.9 | 11.1 |
| SS15_026 | Sphere 72 | SS15_025 | Sphere72 | 6.2 | 4.3 | 4.5 |
| SS15_026 | Sphere248 | SS15_025 | Sphere248 | 3.3 | 1.7 | 2.8 |
| SS15_026 | SA15_22 | SS15_025 | SA15_22 | 4.5 | 1.4 | 4.3 |
| SS15_026 | SA15_13 | SS15_025 | SA15_13 | 9.1 | 7.9 | 4.5 |
| SS15_026 | SA15_22 | SS15_029 | Sphere300 | 3.1 | 2.9 | 1.2 |
| SS15_026 | Sphere 72 | SS15_029 | Sphere98 | 15.0 | 14.4 | 3.9 |
| SS15_026 | Sphere274 | SS15_029 | Sphere146 | 0.9 | 0.8 | 0.4 |
| SS15_026 | Sphere 71 | SS15_042 | Sphere98 | 10.4 | 10.3 | 1.7 |
| SS15_026 | SA15_22 | SS15_042 | Sphere462 | 11.2 | 11.2 | 1.0 |
| SS15_026 | Sphere 72 | SS15_042 | Sphere142 | 16.6 | 15.8 | 4.9 |
| SS15_026 | Sphere274 | SS15_042 | Sphere90 | 8.0 | 7.5 | 2.7 |
| SS15_026 | SA15_14 | SS15_042 | Sphere399 | 8.4 | 8.4 | 0.4 |
| SS15_026 | Sphere72 | SS15_030 | Sphere110 | 8.4 | 8.3 | 1.5 |
| SS15_026 | Sphere280 | SS15_030 | Sphere99 | 5.9 | 5.9 | 0.2 |
| SS15_026 | Sphere267 | SS15_030 | Sphere105 | 12.6 | 11.0 | 6.1 |
| SS15_026 | Sphere248 | SS15_030 | Sphere144 | 3.6 | 2.8 | 2.2 |
| SS15_026 | SA15_14 | SS15_030 | Sphere348 | 2.6 | 1.5 | 2.1 |
| SS15_026 | Sphere292 | SS15_030 | Sphere188 | 19.4 | 17.0 | 9.3 |
| SS15_026 | SA15_13 | SS15_030 | Sphere344 | 2.3 | 0.3 | 2.2 |


| SS15_026 | SA15_13 | SS15_031 | SA15_13 | 3.2 | 1.8 | 2.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_026 | Sphere 72 | SS15_032 | Sphere72 | 17.1 | 16.7 | 3.6 |
| SS15_026 | Sphere280 | SS15_032 | Sphere280 | 3.6 | 3.1 | 1.8 |
| SS15_026 | Sphere267 | SS15_032 | Sphere380 | 16.9 | 10.8 | 13.1 |
| SS15_026 | SA15_22 | SS15_028 | Sphere300 | 3.8 | 3.7 | 0.3 |
| SS15_026 | Sphere284 | SS15_028 | Sphere309 | 11.9 | 11.5 | 3.0 |
| SS15_026 | Sphere 71 | SS15_039 | Sphere71 | 6.4 | 6.4 | 0.4 |
| SS15_026 | Sphere 72 | SS15_039 | Sphere72 | 9.5 | 8.3 | 4.4 |
| SS15_026 | Sphere284 | SS15_039 | Sphere22 | 10.0 | 10.0 | 0.0 |
| SS15_026 | Sphere288 | SS15_039 | Sphere468 | 3.7 | 1.2 | 3.5 |
| SS15_026 | Sphere289 | SS15_039 | Sphere420 | 8.7 | 7.4 | 4.6 |
| SS15_026 | Sphere 71 | SS15_034 | Sphere98 | 9.4 | 7.3 | 6.0 |
| SS15_026 | Sphere 71 | SS15_038 | Sphere98 | 6.5 | 5.1 | 3.9 |
| SS15_026 | SA15_22 | SS15_038 | Sphere462 | 5.8 | 5.5 | 1.9 |
| SS15_026 | Sphere 72 | SS15_038 | Sphere142 | 6.0 | 4.3 | 4.1 |
| SS15_026 | SA15_14 | SS15_038 | Sphere399 | 14.2 | 14.0 | 2.4 |
| SS15_026 | Sphere 71 | SS15_044 | Sphere 71 | 20.0 | 17.8 | 9.2 |
| SS15_026 | SA15_22 | SS15_044 | SA15_22 | 13.4 | 12.9 | 3.7 |
| SS15_026 | Sphere 71 | SS15_041 | Sphere 98 | 10.7 | 9.4 | 5.1 |
| SS15_026 | SA15_22 | SS15_041 | Sphere462 | 12.2 | 12.1 | 1.6 |
| SS15_026 | Sphere 72 | SS15_043 | Sphere 72 | 18.9 | 17.9 | 6.1 |
| SS15_026 | SA15_14 | SS15_043 | SA15_14 | 6.6 | 6.2 | 2.0 |
| SS15_026 | Sphere 71 | SS15_047 | Sphere 71 | 19.8 | 17.6 | 9.0 |
| SS15_026 | Sphere 72 | SS15_047 | Sphere72 | 19.9 | 17.3 | 9.9 |
| SS15_026 | SA15_22 | SS15_045 | SA15_22 | 14.8 | 14.7 | 1.9 |
| SS15_026 | SA15_22 | SS15_040 | Sphere462 | 7.5 | 6.6 | 3.6 |
| SS15_026 | SA15_14 | SS15_040 | Sphere399 | 16.6 | 15.5 | 6.0 |
| SS15_026 | SA15_22 | SS15_046 | SA15_22 | 11.1 | 10.9 | 2.2 |
| SS15_026 | SA15_22 | SS15_049 | SA15_22 | 17.3 | 16.5 | 5.2 |
| SS15_026 | Sphere267 | SS15_037 | Sphere380 | 26.1 | 26.0 | 2.0 |
| SS15_026 | Sphere292 | SS15_037 | Sphere210 | 20.9 | 20.7 | 3.2 |
| SS15_026 | Sphere289 | SS15_037 | Sphere420 | 10.1 | 9.8 | 2.6 |
| SS15_026 | Sphere287 | SS15_035 | Sphere427 | 3.4 | 3.3 | 1.0 |
| SS15_026 | SA15_14 | SS15_033 | Sphere399 | 13.9 | 13.7 | 2.4 |
| SS15_027 | Sphere257 | SS15_002 | Sphere29 | 9.6 | 9.6 | 0.6 |
| SS15_027 | Sphere 72 | SS15_005 | Sphere 72 | 14.9 | 12.5 | 8.1 |
| SS15_027 | SA15_07 | SS15_007 | SA15_07 | 15.0 | 14.6 | 3.5 |
| SS15_027 | Sphere257 | SS15_006 | Sphere29 | 7.4 | 7.4 | 0.2 |
| SS15_027 | SA15_07 | SS15_008 | SA15_07 | 14.8 | 14.5 | 3.3 |
| SS15_027 | SA15_07 | SS15_009 | SA15_07 | 13.6 | 13.3 | 2.9 |


| SS15_027 | Sphere257 | SS15_012 | SA15_09 | 11.4 | 11.2 |
| :--- | :--- | :--- | ---: | ---: | ---: |


| SS15_027 | SA15_07 | SS15_025 | SA15_07 | 1.6 | 0.9 | 1.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_027 | SA15_14 | SS15_025 | SA15_14 | 4.9 | 2.5 | 4.2 |
| SS15_027 | SA15_21 | SS15_025 | SA15_21 | 4.6 | 0.9 | 4.5 |
| SS15_027 | SA15_13 | SS15_025 | SA15_13 | 6.3 | 4.0 | 4.9 |
| SS15_027 | SA15_22 | SS15_025 | SA15_22 | 5.3 | 0.5 | 5.2 |
| SS15_027 | Sphere248 | SS15_025 | Sphere248 | 7.8 | 6.8 | 3.9 |
| SS15_027 | Sphere260 | SS15_025 | Sphere260 | 2.2 | 0.8 | 2.0 |
| SS15_027 | Sphere270 | SS15_026 | Sphere270 | 7.6 | 7.3 | 1.9 |
| SS15_027 | SA15_14 | SS15_026 | SA15_14 | 4.2 | 3.7 | 1.9 |
| SS15_027 | SA15_21 | SS15_026 | SA15_21 | 2.2 | 1.6 | 1.6 |
| SS15_027 | SA15_13 | SS15_026 | SA15_13 | 5.2 | 5.2 | 0.4 |
| SS15_027 | Sphere273 | SS15_026 | Sphere273 | 3.3 | 3.2 | 0.4 |
| SS15_027 | Sphere287 | SS15_026 | Sphere287 | 2.6 | 1.3 | 2.2 |
| SS15_027 | Sphere71 | SS15_026 | Sphere71 | 8.6 | 8.5 | 1.7 |
| SS15_027 | Sphere260 | SS15_026 | Sphere260 | 1.4 | 0.6 | 1.3 |
| SS15_027 | Sphere72 | SS15_030 | Sphere 110 | 12.7 | 12.3 | 2.9 |
| SS15_027 | Sphere280 | SS15_030 | Sphere99 | 7.1 | 7.0 | 0.3 |
| SS15_027 | SA15_07 | SS15_030 | Sphere366 | 10.2 | 10.1 | 2.0 |
| SS15_027 | SA15_14 | SS15_030 | Sphere348 | 6.3 | 4.9 | 4.0 |
| SS15_027 | Sphere292 | SS15_030 | Sphere188 | 26.4 | 24.2 | 10.6 |
| SS15_027 | SA15_13 | SS15_030 | Sphere344 | 6.0 | 5.4 | 2.6 |
| SS15_027 | Sphere248 | SS15_030 | Sphere144 | 9.3 | 8.7 | 3.3 |
| SS15_027 | SA15_07 | SS15_031 | SA15_07 | 11.6 | 11.6 | 0.1 |
| SS15_027 | SA15_14 | SS15_031 | SA15_14 | 7.0 | 5.8 | 3.8 |
| SS15_027 | SA15_13 | SS15_031 | SA15_13 | 4.6 | 3.4 | 3.1 |
| SS15_027 | Sphere72 | SS15_029 | Sphere98 | 19.6 | 19.4 | 2.5 |
| SS15_027 | SA15_07 | SS15_029 | Sphere305 | 9.4 | 9.4 | 0.4 |
| SS15_027 | Sphere270 | SS15_029 | Sphere342 | 7.3 | 5.8 | 4.5 |
| SS15_027 | SA15_14 | SS15_029 | Sphere311 | 9.6 | 8.6 | 4.3 |
| SS15_027 | Sphere273 | SS15_029 | Sphere144 | 3.5 | 3.5 | 0.2 |
| SS15_027 | SA15_22 | SS15_029 | Sphere300 | 2.3 | 2.3 | 0.3 |
| SS15_027 | Sphere72 | SS15_039 | Sphere72 | 10.5 | 10.1 | 3.0 |
| SS15_027 | SA15_14 | SS15_039 | SA15_14 | 5.6 | 5.6 | 0.7 |
| SS15_027 | SA15_12 | SS15_039 | SA15_12 | 7.6 | 7.6 | 0.4 |
| SS15_027 | Sphere71 | SS15_039 | Sphere71 | 6.8 | 6.4 | 2.1 |
| SS15_027 | Sphere288 | SS15_039 | Sphere468 | 19.6 | 19.6 | 0.1 |
| SS15_027 | Sphere260 | SS15_039 | SA15_10 | 2.3 | 2.3 | 0.3 |
| SS15_027 | Sphere280 | SS15_032 | Sphere280 | 6.9 | 6.7 | 1.9 |
| SS15_027 | SA15_07 | SS15_032 | SA15_07 | 9.7 | 9.5 | 1.6 |
| SS15_027 | SA15_12 | SS15_032 | SA15_12 | 4.2 | 2.4 | 3.5 |


| SS15_027 | Sphere273 | SS15_032 | Sphere273 | 3.1 | 3.0 | 0.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_027 | Sphere 72 | SS15_038 | Sphere142 | 8.3 | 7.9 | 2.7 |
| SS15_027 | SA15_07 | SS15_038 | Sphere466 | 3.6 | 2.7 | 2.5 |
| SS15_027 | SA15_14 | SS15_038 | Sphere399 | 14.3 | 13.6 | 4.3 |
| SS15_027 | SA15_12 | SS15_038 | Sphere401 | 9.7 | 9.4 | 2.4 |
| SS15_027 | SA15_22 | SS15_038 | Sphere462 | 6.5 | 5.8 | 2.9 |
| SS15_027 | Sphere 71 | SS15_038 | Sphere98 | 8.7 | 6.6 | 5.7 |
| SS15_027 | SA15_07 | SS15_044 | SA15_07 | 13.0 | 12.7 | 3.0 |
| SS15_027 | SA15_22 | SS15_044 | SA15_22 | 14.6 | 13.8 | 4.6 |
| SS15_027 | Sphere 71 | SS15_044 | Sphere71 | 20.4 | 17.2 | 10.9 |
| SS15_027 | Sphere 72 | SS15_042 | Sphere142 | 21.1 | 20.8 | 3.5 |
| SS15_027 | SA15_14 | SS15_042 | Sphere399 | 11.6 | 11.4 | 2.3 |
| SS15_027 | SA15_22 | SS15_042 | Sphere462 | 11.5 | 11.5 | 0.1 |
| SS15_027 | Sphere 71 | SS15_042 | Sphere98 | 17.1 | 16.8 | 3.4 |
| SS15_027 | Sphere 72 | SS15_043 | Sphere72 | 22.8 | 22.3 | 4.7 |
| SS15_027 | SA15_07 | SS15_043 | SA15_07 | 10.3 | 10.1 | 1.8 |
| SS15_027 | SA15_14 | SS15_043 | SA15_14 | 10.0 | 9.2 | 3.9 |
| SS15_027 | Sphere273 | SS15_043 | Sphere273 | 3.8 | 3.6 | 1.4 |
| SS15_027 | Sphere 71 | SS15_043 | Sphere71 | 20.4 | 18.9 | 7.5 |
| SS15_027 | Sphere 72 | SS15_047 | Sphere72 | 23.0 | 21.3 | 8.5 |
| SS15_027 | Sphere 71 | SS15_047 | Sphere 71 | 20.3 | 17.2 | 10.7 |
| SS15_027 | SA15_22 | SS15_045 | SA15_22 | 15.9 | 15.6 | 2.8 |
| SS15_027 | SA15_14 | SS15_028 | Sphere311 | 11.0 | 10.2 | 4.1 |
| SS15_027 | Sphere284 | SS15_028 | Sphere309 | 6.9 | 6.8 | 1.2 |
| SS15_027 | SA15_12 | SS15_028 | Sphere308 | 4.6 | 4.3 | 1.4 |
| SS15_027 | SA15_13 | SS15_028 | Sphere307 | 11.9 | 11.7 | 2.1 |
| SS15_027 | SA15_22 | SS15_028 | Sphere300 | 2.9 | 2.8 | 0.6 |
| SS15_027 | Sphere260 | SS15_028 | Sphere310 | 4.9 | 4.2 | 2.4 |
| SS15_027 | SA15_07 | SS15_040 | Sphere466 | 5.3 | 3.5 | 4.0 |
| SS15_027 | SA15_14 | SS15_040 | Sphere399 | 18.2 | 16.5 | 7.9 |
| SS15_027 | SA15_22 | SS15_040 | Sphere462 | 8.2 | 6.9 | 4.5 |
| SS15_027 | Sphere 260 | SS15_040 | Sphere400 | 9.7 | 8.7 | 4.2 |
| SS15_027 | SA15_07 | SS15_041 | Sphere466 | 8.1 | 7.2 | 3.8 |
| SS15_027 | SA15_14 | SS15_041 | Sphere399 | 14.1 | 12.9 | 5.7 |
| SS15_027 | SA15_22 | SS15_041 | Sphere462 | 12.7 | 12.4 | 2.6 |
| SS15_027 | Sphere 71 | SS15_041 | Sphere98 | 18.4 | 17.1 | 6.8 |
| SS15_027 | SA15_14 | SS15_033 | Sphere399 | 13.1 | 12.4 | 4.3 |
| SS15_027 | SA15_12 | SS15_033 | Sphere401 | 16.0 | 15.9 | 1.1 |
| SS15_027 | Sphere260 | SS15_033 | Sphere400 | 15.3 | 15.1 | 2.2 |
| SS15_027 | SA15_14 | SS15_034 | Sphere399 | 12.5 | 12.0 | 3.4 |


| SS15_027 | SA15_12 | SS15_034 | Sphere401 | 14.7 | 14.5 | 2.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_027 | Sphere 71 | SS15_034 | Sphere98 | 9.7 | 5.9 | 7.7 |
| SS15_027 | Sphere260 | SS15_034 | Sphere400 | 13.6 | 12.5 | 5.5 |
| SS15_027 | SA15_14 | SS15_036 | SA15_14 | 8.0 | 7.9 | 1.3 |
| SS15_027 | Sphere257 | SS15_036 | SA15_09 | 7.7 | 6.2 | 4.5 |
| SS15_027 | Sphere287 | SS15_036 | Sphere427 | 3.9 | 3.6 | 1.4 |
| SS15_027 | Sphere260 | SS15_036 | SA15_10 | 11.9 | 11.5 | 2.7 |
| SS15_027 | SA15_12 | SS15_037 | SA15_12 | 16.6 | 16.2 | 3.3 |
| SS15_027 | Sphere287 | SS15_037 | Sphere427 | 6.5 | 6.1 | 2.3 |
| SS15_027 | Sphere260 | SS15_037 | SA15_10 | 7.7 | 7.4 | 2.1 |
| SS15_027 | SA15_12 | SS15_035 | SA15_12 | 14.5 | 14.5 | 0.2 |
| SS15_027 | Sphere287 | SS15_035 | Sphere427 | 2.4 | 2.0 | 1.3 |
| SS15_027 | Sphere260 | SS15_035 | SA15_10 | 12.2 | 12.2 | 1.0 |
| SS15_027 | SA15_22 | SS15_046 | SA15_22 | 12.2 | 11.8 | 3.1 |
| SS15_028 | Sphere313 | SS15_003 | Sphere39 | 20.4 | 18.9 | 7.6 |
| SS15_028 | Sphere110 | SS15_005 | Sphere71 | 13.2 | 6.6 | 11.4 |
| SS15_028 | Sphere313 | SS15_005 | Sphere 39 | 16.4 | 16.2 | 2.9 |
| SS15_028 | Sphere304 | SS15_007 | SA15_17 | 12.8 | 12.6 | 2.4 |
| SS15_028 | Sphere306 | SS15_007 | SA15_06 | 7.2 | 7.0 | 1.8 |
| SS15_028 | Sphere305 | SS15_007 | SA15_07 | 13.3 | 12.8 | 3.5 |
| SS15_028 | Sphere315 | SS15_006 | Sphere79 | 2.2 | 1.7 | 1.4 |
| SS15_028 | Sphere305 | SS15_010 | SA15_07 | 14.9 | 14.5 | 3.4 |
| SS15_028 | Sphere306 | SS15_010 | SA15_06 | 10.7 | 9.8 | 4.2 |
| SS15_028 | Sphere306 | SS15_008 | SA15_06 | 7.1 | 6.2 | 3.3 |
| SS15_028 | Sphere305 | SS15_008 | SA15_07 | 12.5 | 12.1 | 3.3 |
| SS15_028 | Sphere305 | SS15_009 | SA15_07 | 13.8 | 13.5 | 2.9 |
| SS15_028 | Sphere306 | SS15_011 | SA15_06 | 7.1 | 6.5 | 2.7 |
| SS15_028 | Sphere304 | SS15_011 | SA15_17 | 8.3 | 7.8 | 2.9 |
| SS15_028 | Sphere307 | SS15_011 | SA15_13 | 15.7 | 15.5 | 2.5 |
| SS15_028 | Sphere305 | SS15_011 | SA15_07 | 4.2 | 0.5 | 4.1 |
| SS15_028 | Sphere307 | SS15_019 | SA15_13 | 13.8 | 13.8 | 0.2 |
| SS15_028 | Sphere110 | SS15_019 | Sphere 71 | 13.5 | 11.4 | 7.2 |
| SS15_028 | Sphere306 | SS15_015 | SA15_06 | 13.6 | 13.5 | 1.0 |
| SS15_028 | Sphere306 | SS15_016 | SA15_06 | 14.6 | 14.2 | 3.5 |
| SS15_028 | Sphere307 | SS15_016 | SA15_13 | 13.8 | 13.8 | 1.1 |
| SS15_028 | Sphere305 | SS15_016 | SA15_07 | 11.4 | 10.3 | 4.9 |
| SS15_028 | Sphere305 | SS15_017 | SA15_07 | 11.6 | 11.5 | 2.0 |
| SS15_028 | Sphere306 | SS15_017 | SA15_06 | 15.9 | 15.7 | 2.4 |
| SS15_028 | Sphere110 | SS15_018 | Sphere 71 | 14.4 | 12.2 | 7.7 |
| SS15_028 | Sphere306 | SS15_021 | SA15_06 | 13.4 | 12.9 | 3.7 |


| SS15_028 | Sphere 110 | SS15_021 | Sphere71 | 16.9 | 13.6 | 10.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_028 | Sphere305 | SS15_021 | SA15_07 | 13.9 | 13.3 | 4.1 |
| SS15_028 | Sphere307 | SS15_022 | SA15_13 | 13.1 | 13.1 | 0.5 |
| SS15_028 | Sphere311 | SS15_022 | SA15_14 | 8.9 | 8.8 | 1.0 |
| SS15_028 | Sphere305 | SS15_022 | SA15_07 | 13.9 | 13.7 | 2.3 |
| SS15_028 | Sphere311 | SS15_023 | SA15_14 | 7.8 | 7.8 | 0.4 |
| SS15_028 | Sphere306 | SS15_023 | SA15_06 | 8.5 | 8.3 | 1.8 |
| SS15_028 | Sphere110 | SS15_023 | Sphere 71 | 15.2 | 13.6 | 6.6 |
| SS15_028 | Sphere310 | SS15_023 | SA15_10 | 7.0 | 6.9 | 1.2 |
| SS15_028 | Sphere305 | SS15_023 | SA15_07 | 11.0 | 10.5 | 3.3 |
| SS15_028 | Sphere110 | SS15_020 | Sphere 71 | 14.8 | 11.7 | 9.1 |
| SS15_028 | Sphere305 | SS15_020 | SA15_07 | 10.8 | 10.4 | 2.9 |
| SS15_028 | Sphere305 | SS15_027 | SA15_07 | 5.1 | 5.1 | 0.0 |
| SS15_028 | Sphere306 | SS15_027 | Sphere254 | 0.8 | 0.5 | 0.6 |
| SS15_028 | Sphere110 | SS15_027 | Sphere 71 | 7.5 | 7.5 | 0.1 |
| SS15_028 | Sphere311 | SS15_024 | SA15_14 | 9.9 | 9.7 | 2.0 |
| SS15_028 | Sphere305 | SS15_024 | SA15_07 | 9.5 | 9.5 | 0.3 |
| SS15_028 | Sphere307 | SS15_024 | SA15_13 | 13.3 | 13.3 | 0.1 |
| SS15_028 | Sphere 110 | SS15_024 | Sphere 71 | 14.3 | 13.3 | 5.5 |
| SS15_028 | Sphere306 | SS15_024 | Sphere254 | 8.6 | 8.5 | 1.0 |
| SS15_028 | Sphere110 | SS15_025 | Sphere 71 | 12.4 | 11.1 | 5.4 |
| SS15_028 | Sphere305 | SS15_025 | SA15_07 | 6.2 | 6.1 | 1.2 |
| SS15_028 | Sphere311 | SS15_025 | SA15_14 | 9.3 | 9.3 | 0.1 |
| SS15_028 | Sphere306 | SS15_025 | Sphere254 | 3.1 | 3.1 | 0.4 |
| SS15_028 | Sphere310 | SS15_025 | Sphere260 | 4.8 | 4.7 | 0.3 |
| SS15_028 | Sphere307 | SS15_025 | SA15_13 | 12.8 | 12.5 | 2.8 |
| SS15_028 | Sphere110 | SS15_026 | Sphere 71 | 2.2 | 1.1 | 1.9 |
| SS15_028 | Sphere306 | SS15_026 | Sphere254 | 4.4 | 3.8 | 2.2 |
| SS15_028 | Sphere310 | SS15_026 | Sphere260 | 4.0 | 3.9 | 1.1 |
| SS15_028 | Sphere311 | SS15_026 | SA15_14 | 7.3 | 6.9 | 2.2 |
| SS15_028 | Sphere307 | SS15_026 | SA15_13 | 7.6 | 7.4 | 1.7 |
| SS15_028 | Sphere307 | SS15_030 | Sphere344 | 7.5 | 7.4 | 0.5 |
| SS15_028 | Sphere311 | SS15_030 | Sphere348 | 5.5 | 5.4 | 0.1 |
| SS15_028 | Sphere306 | SS15_030 | Sphere369 | 6.5 | 6.4 | 1.1 |
| SS15_028 | Sphere305 | SS15_030 | Sphere366 | 6.8 | 6.5 | 2.0 |
| SS15_028 | Sphere110 | SS15_030 | Sphere72 | 13.5 | 13.4 | 1.7 |
| SS15_028 | Sphere304 | SS15_030 | Sphere363 | 4.8 | 4.6 | 1.5 |
| SS15_028 | Sphere307 | SS15_031 | SA15_13 | 8.7 | 8.7 | 1.0 |
| SS15_028 | Sphere 110 | SS15_031 | Sphere 71 | 16.9 | 16.6 | 3.2 |
| SS15_028 | Sphere305 | SS15_031 | SA15_07 | 8.7 | 8.7 | 0.1 |


| SS15_028 | Sphere304 | SS15_031 | SA15_17 | 7.4 | 7.3 | 0.9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_028 | Sphere270 | SS15_034 | Sphere42 | 8.7 | 8.7 | 0.8 |
| SS15_028 | Sphere311 | SS15_034 | Sphere399 | 14.5 | 14.5 | 0.8 |
| SS15_028 | Sphere110 | SS15_034 | Sphere98 | 10.6 | 7.1 | 7.9 |
| SS15_028 | Sphere305 | SS15_038 | Sphere466 | 3.5 | 2.5 | 2.4 |
| SS15_028 | Sphere270 | SS15_038 | Sphere42 | 11.8 | 11.7 | 1.5 |
| SS15_028 | Sphere311 | SS15_038 | Sphere399 | 13.0 | 13.0 | 0.2 |
| SS15_028 | Sphere308 | SS15_038 | Sphere401 | 5.6 | 5.5 | 1.0 |
| SS15_028 | Sphere110 | SS15_038 | Sphere98 | 7.7 | 5.1 | 5.8 |
| SS15_028 | Sphere315 | SS15_040 | Sphere79 | 3.3 | 3.1 | 1.2 |
| SS15_028 | Sphere305 | SS15_040 | Sphere466 | 4.4 | 1.8 | 4.0 |
| SS15_028 | Sphere311 | SS15_040 | Sphere399 | 12.3 | 11.7 | 3.7 |
| SS15_028 | Sphere 72 | SS15_029 | Sphere72 | 4.1 | 4.1 | 0.0 |
| SS15_028 | Sphere305 | SS15_029 | Sphere305 | 5.3 | 5.3 | 0.4 |
| SS15_028 | Sphere311 | SS15_029 | Sphere311 | 1.7 | 1.7 | 0.2 |
| SS15_028 | Sphere320 | SS15_029 | Sphere320 | 6.5 | 6.4 | 0.3 |
| SS15_028 | Sphere110 | SS15_029 | Sphere110 | 16.5 | 15.3 | 6.2 |
| SS15_028 | Sphere305 | SS15_032 | SA15_07 | 5.8 | 5.6 | 1.6 |
| SS15_028 | Sphere304 | SS15_032 | SA15_17 | 6.1 | 6.1 | 0.3 |
| SS15_028 | Sphere306 | SS15_032 | SA15_06 | 4.3 | 3.6 | 2.4 |
| SS15_028 | Sphere110 | SS15_032 | Sphere71 | 15.0 | 14.4 | 4.0 |
| SS15_028 | Sphere 72 | SS15_042 | Sphere110 | 1.4 | 0.2 | 1.4 |
| SS15_028 | Sphere280 | SS15_042 | Sphere99 | 2.1 | 2.1 | 0.0 |
| SS15_028 | Sphere311 | SS15_042 | Sphere399 | 2.5 | 1.7 | 1.8 |
| SS15_028 | Sphere320 | SS15_042 | Sphere89 | 4.0 | 1.3 | 3.8 |
| SS15_028 | Sphere300 | SS15_042 | Sphere462 | 12.0 | 12.0 | 0.7 |
| SS15_028 | Sphere 110 | SS15_042 | Sphere98 | 11.1 | 10.5 | 3.6 |
| SS15_028 | Sphere313 | SS15_042 | Sphere502 | 8.7 | 7.8 | 3.8 |
| SS15_028 | Sphere 72 | SS15_047 | Sphere385 | 9.3 | 4.5 | 8.2 |
| SS15_028 | Sphere304 | SS15_047 | SA15_17 | 13.2 | 12.2 | 5.1 |
| SS15_028 | Sphere110 | SS15_047 | Sphere 71 | 20.0 | 16.8 | 10.9 |
| SS15_028 | Sphere305 | SS15_039 | SA15_07 | 2.7 | 2.6 | 0.7 |
| SS15_028 | Sphere252 | SS15_039 | Sphere474 | 3.5 | 2.1 | 2.8 |
| SS15_028 | Sphere311 | SS15_039 | SA15_14 | 14.2 | 13.4 | 4.8 |
| SS15_028 | Sphere308 | SS15_039 | SA15_12 | 3.5 | 3.3 | 1.0 |
| SS15_028 | Sphere110 | SS15_039 | Sphere 71 | 6.6 | 6.3 | 2.2 |
| SS15_028 | Sphere305 | SS15_044 | SA15_07 | 10.2 | 9.8 | 3.0 |
| SS15_028 | Sphere304 | SS15_044 | SA15_17 | 13.1 | 12.5 | 3.9 |
| SS15_028 | Sphere110 | SS15_044 | Sphere71 | 20.2 | 17.0 | 11.0 |
| SS15_028 | Sphere305 | SS15_041 | Sphere466 | 5.2 | 3.5 | 3.8 |


| SS15_028 | Sphere311 | SS15_041 | Sphere399 | 4.4 | 4.1 | 1.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_028 | Sphere110 | SS15_041 | Sphere98 | 12.1 | 9.9 | 7.0 |
| SS15_028 | Sphere305 | SS15_043 | SA15_07 | 7.0 | 6.7 | 1.8 |
| SS15_028 | Sphere304 | SS15_043 | SA15_17 | 9.7 | 8.9 | 3.7 |
| SS15_028 | Sphere311 | SS15_043 | SA15_14 | 1.3 | 1.3 | 0.2 |
| SS15_028 | Sphere110 | SS15_043 | Sphere 71 | 18.2 | 16.5 | 7.7 |
| SS15_028 | Sphere304 | SS15_048 | SA15_17 | 13.2 | 12.6 | 3.9 |
| SS15_028 | Sphere304 | SS15_045 | SA15_17 | 14.1 | 13.6 | 3.6 |
| SS15_028 | Sphere 110 | SS15_045 | Sphere71 | 21.4 | 18.1 | 11.5 |
| SS15_028 | Sphere311 | SS15_033 | Sphere399 | 14.4 | 14.4 | 0.2 |
| SS15_028 | Sphere311 | SS15_036 | SA15_14 | 14.2 | 13.9 | 2.8 |
| SS15_028 | Sphere310 | SS15_036 | SA15_10 | 14.2 | 13.2 | 5.0 |
| SS15_028 | Sphere320 | SS15_049 | Sphere389 | 16.1 | 15.5 | 4.4 |
| SS15_028 | Sphere320 | SS15_051 | Sphere389 | 16.3 | 15.7 | 4.3 |
| SS15_028 | Sphere308 | SS15_037 | SA15_12 | 15.9 | 15.2 | 4.8 |
| SS15_029 | Sphere325 | SS15_003 | Sphere45 | 25.2 | 24.4 | 6.2 |
| SS15_029 | Sphere117 | SS15_007 | Sphere91 | 5.1 | 3.7 | 3.5 |
| SS15_029 | Sphere304 | SS15_007 | SA15_17 | 15.2 | 15.0 | 2.4 |
| SS15_029 | Sphere305 | SS15_009 | SA15_07 | 11.3 | 11.1 | 2.4 |
| SS15_029 | Sphere98 | SS15_011 | Sphere 72 | 17.2 | 17.2 | 0.7 |
| SS15_029 | Sphere304 | SS15_011 | SA15_17 | 11.1 | 10.7 | 2.9 |
| SS15_029 | Sphere307 | SS15_011 | SA15_13 | 12.0 | 11.7 | 2.8 |
| SS15_029 | Sphere305 | SS15_011 | SA15_07 | 6.5 | 5.3 | 3.7 |
| SS15_029 | Sphere307 | SS15_019 | SA15_13 | 11.7 | 11.7 | 0.1 |
| SS15_029 | Sphere110 | SS15_019 | Sphere 71 | 16.6 | 16.6 | 1.0 |
| SS15_029 | Sphere307 | SS15_016 | SA15_13 | 12.1 | 12.0 | 1.5 |
| SS15_029 | Sphere110 | SS15_018 | Sphere 71 | 17.5 | 17.4 | 1.5 |
| SS15_029 | Sphere98 | SS15_021 | Sphere72 | 20.3 | 19.6 | 5.1 |
| SS15_029 | Sphere 110 | SS15_021 | Sphere 71 | 13.3 | 12.7 | 3.9 |
| SS15_029 | Sphere307 | SS15_022 | SA15_13 | 9.5 | 9.5 | 0.8 |
| SS15_029 | Sphere311 | SS15_022 | SA15_14 | 7.3 | 7.2 | 1.2 |
| SS15_029 | Sphere305 | SS15_022 | SA15_07 | 14.3 | 14.1 | 1.9 |
| SS15_029 | Sphere98 | SS15_023 | Sphere72 | 18.5 | 18.4 | 1.7 |
| SS15_029 | Sphere311 | SS15_023 | SA15_14 | 6.3 | 6.3 | 0.2 |
| SS15_029 | Sphere 110 | SS15_023 | Sphere 71 | 12.9 | 12.9 | 0.4 |
| SS15_029 | Sphere305 | SS15_023 | SA15_07 | 13.0 | 12.6 | 2.9 |
| SS15_029 | Sphere340 | SS15_023 | Sphere97 | 8.6 | 8.3 | 2.1 |
| SS15_029 | Sphere110 | SS15_020 | Sphere 71 | 15.4 | 15.1 | 3.0 |
| SS15_029 | Sphere308 | SS15_027 | SA15_12 | 1.9 | 1.7 | 0.8 |
| SS15_029 | Sphere307 | SS15_027 | SA15_13 | 8.2 | 8.0 | 1.8 |


| SS15_029 | Sphere 110 | SS15_027 | Sphere 71 | 17.1 | 16.0 | 6.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_029 | Sphere311 | SS15_024 | SA15_14 | 8.5 | 8.2 | 2.1 |
| SS15_029 | Sphere 98 | SS15_024 | Sphere 72 | 18.9 | 18.9 | 1.1 |
| SS15_029 | Sphere307 | SS15_024 | SA15_13 | 9.8 | 9.8 | 0.4 |
| SS15_029 | Sphere110 | SS15_024 | Sphere 71 | 15.6 | 15.6 | 0.7 |
| SS15_029 | Sphere305 | SS15_025 | SA15_07 | 10.2 | 10.2 | 0.8 |
| SS15_029 | Sphere311 | SS15_025 | SA15_14 | 7.9 | 7.9 | 0.1 |
| SS15_029 | Sphere308 | SS15_025 | SA15_12 | 2.4 | 0.1 | 2.4 |
| SS15_029 | Sphere98 | SS15_025 | Sphere 72 | 18.5 | 18.5 | 0.6 |
| SS15_029 | Sphere300 | SS15_025 | SA15_22 | 5.9 | 2.1 | 5.5 |
| SS15_029 | Sphere307 | SS15_025 | SA15_13 | 9.9 | 9.4 | 3.1 |
| SS15_029 | Sphere91 | SS15_026 | Sphere276 | 4.4 | 4.3 | 0.9 |
| SS15_029 | Sphere110 | SS15_026 | Sphere71 | 16.6 | 16.1 | 4.3 |
| SS15_029 | Sphere342 | SS15_026 | Sphere270 | 3.0 | 1.6 | 2.6 |
| SS15_029 | Sphere144 | SS15_026 | Sphere273 | 1.2 | 1.2 | 0.2 |
| SS15_029 | Sphere 90 | SS15_026 | Sphere275 | 3.9 | 2.8 | 2.7 |
| SS15_029 | Sphere311 | SS15_026 | SA15_14 | 5.8 | 5.3 | 2.4 |
| SS15_029 | Sphere307 | SS15_026 | SA15_13 | 3.8 | 3.6 | 1.4 |
| SS15_029 | Sphere 98 | SS15_030 | Sphere110 | 11.6 | 10.3 | 5.4 |
| SS15_029 | Sphere307 | SS15_030 | Sphere344 | 3.7 | 3.6 | 0.8 |
| SS15_029 | Sphere311 | SS15_030 | Sphere348 | 3.8 | 3.8 | 0.3 |
| SS15_029 | Sphere305 | SS15_030 | Sphere366 | 2.9 | 1.5 | 2.4 |
| SS15_029 | Sphere304 | SS15_030 | Sphere363 | 1.8 | 1.2 | 1.4 |
| SS15_029 | Sphere307 | SS15_031 | SA15_13 | 5.0 | 4.8 | 1.3 |
| SS15_029 | Sphere110 | SS15_031 | Sphere 71 | 4.7 | 3.6 | 3.0 |
| SS15_029 | Sphere114 | SS15_031 | Sphere352 | 9.7 | 9.2 | 2.9 |
| SS15_029 | Sphere304 | SS15_031 | SA15_17 | 2.2 | 2.0 | 0.9 |
| SS15_029 | Sphere150 | SS15_028 | Sphere150 | 5.4 | 5.4 | 0.3 |
| SS15_029 | Sphere304 | SS15_028 | Sphere304 | 5.3 | 5.3 | 0.0 |
| SS15_029 | Sphere308 | SS15_028 | Sphere308 | 4.2 | 4.2 | 0.6 |
| SS15_029 | Sphere307 | SS15_028 | Sphere307 | 3.9 | 3.9 | 0.3 |
| SS15_029 | Sphere300 | SS15_028 | Sphere300 | 3.4 | 3.3 | 0.9 |
| SS15_029 | Sphere117 | SS15_032 | Sphere91 | 2.3 | 2.2 | 0.7 |
| SS15_029 | Sphere340 | SS15_032 | Sphere97 | 6.7 | 2.7 | 6.1 |
| SS15_029 | Sphere99 | SS15_032 | Sphere382 | 7.7 | 7.0 | 3.0 |
| SS15_029 | Sphere308 | SS15_032 | SA15_12 | 2.8 | 1.0 | 2.7 |
| SS15_029 | Sphere304 | SS15_032 | SA15_17 | 0.8 | 0.8 | 0.3 |
| SS15_029 | Sphere305 | SS15_032 | SA15_07 | 1.2 | 0.4 | 1.2 |
| SS15_029 | Sphere114 | SS15_043 | Sphere352 | 11.1 | 10.2 | 4.2 |
| SS15_029 | Sphere311 | SS15_043 | SA15_14 | 1.4 | 1.4 | 0.4 |


| SS15_029 | Sphere335 | SS15_043 | Sphere320 | 1.6 | 1.6 | 0.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_029 | Sphere 150 | SS15_043 | Sphere490 | 3.6 | 3.6 | 0.3 |
| SS15_029 | Sphere340 | SS15_043 | Sphere97 | 1.5 | 1.5 | 0.4 |
| SS15_029 | Sphere 110 | SS15_043 | Sphere71 | 4.6 | 4.3 | 1.5 |
| SS15_029 | Sphere99 | SS15_043 | Sphere382 | 11.6 | 11.4 | 1.8 |
| SS15_029 | Sphere98 | SS15_043 | Sphere72 | 9.3 | 9.1 | 2.2 |
| SS15_029 | Sphere304 | SS15_043 | SA15_17 | 5.2 | 3.7 | 3.7 |
| SS15_029 | Sphere305 | SS15_043 | SA15_07 | 2.3 | 1.8 | 1.4 |
| SS15_029 | Sphere311 | SS15_040 | Sphere399 | 12.9 | 12.4 | 3.6 |
| SS15_029 | Sphere300 | SS15_040 | Sphere462 | 10.3 | 9.2 | 4.8 |
| SS15_029 | Sphere311 | SS15_033 | Sphere399 | 13.9 | 13.9 | 0.0 |
| SS15_029 | Sphere308 | SS15_033 | Sphere401 | 14.4 | 14.4 | 0.2 |
| SS15_029 | Sphere311 | SS15_034 | Sphere399 | 14.0 | 14.0 | 0.9 |
| SS15_029 | Sphere 110 | SS15_034 | Sphere98 | 20.6 | 20.5 | 1.7 |
| SS15_029 | Sphere306 | SS15_034 | Sphere403 | 12.9 | 12.5 | 3.2 |
| SS15_029 | Sphere308 | SS15_034 | Sphere401 | 13.2 | 13.1 | 1.3 |
| SS15_029 | Sphere311 | SS15_038 | Sphere399 | 12.9 | 12.9 | 0.0 |
| SS15_029 | Sphere 110 | SS15_038 | Sphere98 | 19.5 | 19.5 | 0.3 |
| SS15_029 | Sphere308 | SS15_038 | Sphere401 | 8.6 | 8.5 | 1.6 |
| SS15_029 | Sphere305 | SS15_038 | Sphere466 | 7.4 | 7.1 | 2.0 |
| SS15_029 | Sphere311 | SS15_039 | SA15_14 | 13.1 | 12.1 | 5.0 |
| SS15_029 | Sphere 110 | SS15_039 | Sphere71 | 20.6 | 20.3 | 3.9 |
| SS15_029 | Sphere 105 | SS15_039 | Sphere472 | 29.7 | 28.8 | 7.4 |
| SS15_029 | Sphere99 | SS15_039 | Sphere382 | 6.8 | 5.8 | 3.5 |
| SS15_029 | Sphere306 | SS15_039 | SA15_06 | 8.9 | 7.0 | 5.5 |
| SS15_029 | Sphere98 | SS15_039 | Sphere72 | 16.2 | 16.2 | 0.5 |
| SS15_029 | Sphere308 | SS15_039 | SA15_12 | 7.1 | 7.1 | 0.4 |
| SS15_029 | Sphere311 | SS15_041 | Sphere399 | 5.6 | 5.4 | 1.4 |
| SS15_029 | Sphere 110 | SS15_041 | Sphere98 | 16.1 | 16.1 | 0.8 |
| SS15_029 | Sphere311 | SS15_042 | Sphere399 | 3.8 | 3.2 | 2.0 |
| SS15_029 | Sphere91 | SS15_042 | Sphere496 | 3.3 | 3.3 | 0.1 |
| SS15_029 | Sphere300 | SS15_042 | Sphere462 | 13.8 | 13.8 | 0.2 |
| SS15_029 | Sphere 146 | SS15_042 | Sphere90 | 8.8 | 8.3 | 3.1 |
| SS15_029 | Sphere88 | SS15_042 | Sphere114 | 10.7 | 10.3 | 3.1 |
| SS15_029 | Sphere 110 | SS15_042 | Sphere98 | 12.9 | 12.7 | 2.6 |
| SS15_029 | Sphere98 | SS15_042 | Sphere142 | 2.0 | 1.7 | 1.0 |
| SS15_029 | Sphere 117 | SS15_047 | Sphere91 | 10.2 | 8.8 | 5.3 |
| SS15_029 | Sphere 110 | SS15_047 | Sphere71 | 5.0 | 1.6 | 4.7 |
| SS15_029 | Sphere98 | SS15_047 | Sphere72 | 12.6 | 11.1 | 6.0 |
| SS15_029 | Sphere304 | SS15_047 | SA15_17 | 9.5 | 8.0 | 5.1 |


| SS15_029 | Sphere300 | SS15_044 | SA15_22 | 15.8 | 15.0 | 4.9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_029 | Sphere 110 | SS15_044 | Sphere71 | 5.2 | 1.9 | 4.9 |
| SS15_029 | Sphere304 | SS15_044 | SA15_17 | 9.0 | 8.1 | 3.9 |
| SS15_029 | Sphere300 | SS15_046 | SA15_22 | 13.2 | 12.8 | 3.3 |
| SS15_029 | Sphere117 | SS15_049 | Sphere91 | 23.3 | 17.8 | 15.1 |
| SS15_029 | Sphere304 | SS15_045 | SA15_17 | 10.3 | 9.6 | 3.6 |
| SS15_029 | Sphere 117 | SS15_048 | Sphere91 | 10.9 | 9.3 | 5.7 |
| SS15_029 | Sphere304 | SS15_048 | SA15_17 | 9.2 | 8.3 | 3.9 |
| SS15_029 | Sphere320 | SS15_051 | Sphere389 | 11.1 | 10.0 | 4.6 |
| SS15_029 | Sphere340 | SS15_054 | Sphere97 | 14.2 | 11.7 | 8.0 |
| SS15_029 | Sphere306 | SS15_035 | SA15_06 | 14.8 | 13.9 | 5.2 |
| SS15_029 | Sphere308 | SS15_035 | SA15_12 | 12.8 | 12.8 | 0.6 |
| SS15_029 | Sphere308 | SS15_037 | SA15_12 | 15.1 | 14.6 | 4.2 |
| SS15_030 | Sphere364 | SS15_007 | Sphere99 | 5.2 | 4.3 | 3.0 |
| SS15_030 | Sphere 114 | SS15_007 | Sphere88 | 3.3 | 2.2 | 2.5 |
| SS15_030 | Sphere363 | SS15_007 | SA15_17 | 15.7 | 15.2 | 3.9 |
| SS15_030 | Sphere369 | SS15_007 | SA15_06 | 3.1 | 0.9 | 3.0 |
| SS15_030 | Sphere361 | SS15_010 | Sphere 136 | 22.6 | 22.6 | 1.0 |
| SS15_030 | Sphere 138 | SS15_010 | Sphere 137 | 3.5 | 2.9 | 2.0 |
| SS15_030 | Sphere369 | SS15_010 | SA15_06 | 7.3 | 5.0 | 5.3 |
| SS15_030 | Sphere364 | SS15_008 | Sphere99 | 6.8 | 5.9 | 3.3 |
| SS15_030 | Sphere369 | SS15_008 | SA15_06 | 4.5 | 0.2 | 4.5 |
| SS15_030 | Sphere98 | SS15_008 | Sphere110 | 5.6 | 5.4 | 1.2 |
| SS15_030 | Sphere369 | SS15_011 | SA15_06 | 3.8 | 0.2 | 3.8 |
| SS15_030 | Sphere 110 | SS15_011 | Sphere72 | 11.2 | 9.5 | 6.0 |
| SS15_030 | Sphere363 | SS15_011 | SA15_17 | 11.6 | 10.8 | 4.3 |
| SS15_030 | Sphere366 | SS15_011 | SA15_07 | 8.9 | 6.5 | 6.1 |
| SS15_030 | Sphere90 | SS15_011 | Sphere146 | 3.9 | 3.0 | 2.5 |
| SS15_030 | Sphere72 | SS15_019 | Sphere71 | 14.2 | 13.1 | 5.5 |
| SS15_030 | Sphere369 | SS15_015 | SA15_06 | 14.3 | 14.1 | 2.1 |
| SS15_030 | Sphere369 | SS15_016 | SA15_06 | 16.3 | 15.6 | 4.7 |
| SS15_030 | Sphere98 | SS15_017 | Sphere 110 | 6.8 | 6.1 | 2.9 |
| SS15_030 | Sphere72 | SS15_018 | Sphere71 | 15.1 | 13.9 | 5.9 |
| SS15_030 | Sphere369 | SS15_021 | SA15_06 | 10.6 | 9.5 | 4.8 |
| SS15_030 | Sphere72 | SS15_021 | Sphere71 | 12.4 | 9.2 | 8.3 |
| SS15_030 | Sphere144 | SS15_023 | Sphere248 | 7.0 | 5.9 | 3.8 |
| SS15_030 | Sphere348 | SS15_023 | SA15_14 | 2.9 | 2.9 | 0.5 |
| SS15_030 | Sphere369 | SS15_023 | SA15_06 | 3.5 | 2.0 | 2.9 |
| SS15_030 | Sphere72 | SS15_023 | Sphere71 | 10.6 | 9.4 | 4.9 |
| SS15_030 | Sphere364 | SS15_023 | Sphere99 | 6.1 | 6.0 | 1.4 |


| SS15_030 | Sphere366 | SS15_023 | SA15_07 | 13.6 | 12.5 | 5.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_030 | Sphere98 | SS15_023 | Sphere110 | 5.5 | 5.5 | 0.0 |
| SS15_030 | Sphere 72 | SS15_020 | Sphere71 | 13.7 | 11.6 | 7.4 |
| SS15_030 | Sphere369 | SS15_027 | Sphere254 | 6.8 | 6.6 | 1.7 |
| SS15_030 | Sphere 160 | SS15_027 | Sphere289 | 7.5 | 7.3 | 1.8 |
| SS15_030 | Sphere355 | SS15_027 | SA15_22 | 4.5 | 4.5 | 0.2 |
| SS15_030 | Sphere 72 | SS15_027 | Sphere 71 | 13.0 | 12.9 | 1.6 |
| SS15_030 | Sphere 110 | SS15_024 | Sphere72 | 12.4 | 10.6 | 6.5 |
| SS15_030 | Sphere 72 | SS15_024 | Sphere71 | 12.6 | 12.1 | 3.7 |
| SS15_030 | Sphere369 | SS15_024 | Sphere254 | 2.1 | 2.1 | 0.2 |
| SS15_030 | Sphere 98 | SS15_025 | Sphere110 | 4.9 | 4.8 | 1.0 |
| SS15_030 | Sphere366 | SS15_025 | SA15_07 | 11.2 | 10.8 | 3.2 |
| SS15_030 | Sphere105 | SS15_025 | Sphere267 | 31.3 | 30.9 | 5.0 |
| SS15_030 | Sphere364 | SS15_025 | Sphere99 | 2.6 | 2.6 | 0.2 |
| SS15_030 | Sphere144 | SS15_025 | Sphere248 | 2.1 | 2.1 | 0.6 |
| SS15_030 | Sphere355 | SS15_025 | SA15_22 | 7.1 | 4.6 | 5.5 |
| SS15_030 | Sphere 90 | SS15_026 | Sphere146 | 4.2 | 4.2 | 0.3 |
| SS15_030 | Sphere 72 | SS15_026 | Sphere 71 | 14.3 | 14.3 | 0.1 |
| SS15_030 | Sphere355 | SS15_026 | SA15_22 | 4.5 | 4.3 | 1.1 |
| SS15_030 | Sphere369 | SS15_026 | Sphere254 | 3.1 | 2.9 | 1.1 |
| SS15_030 | Sphere146 | SS15_026 | Sphere275 | 2.1 | 1.9 | 0.8 |
| SS15_030 | Sphere160 | SS15_026 | Sphere289 | 6.0 | 6.0 | 0.3 |
| SS15_030 | Sphere 90 | SS15_031 | Sphere146 | 6.4 | 6.0 | 2.4 |
| SS15_030 | Sphere114 | SS15_031 | Sphere88 | 5.8 | 5.7 | 1.0 |
| SS15_030 | Sphere72 | SS15_031 | Sphere71 | 3.5 | 3.2 | 1.4 |
| SS15_030 | Sphere364 | SS15_031 | Sphere99 | 5.9 | 5.4 | 2.3 |
| SS15_030 | Sphere355 | SS15_031 | SA15_22 | 2.9 | 2.9 | 0.5 |
| SS15_030 | Sphere362 | SS15_031 | Sphere339 | 3.5 | 3.3 | 1.3 |
| SS15_030 | Sphere352 | SS15_029 | Sphere88 | 1.1 | 0.5 | 1.0 |
| SS15_030 | Sphere146 | SS15_029 | Sphere 90 | 5.9 | 4.8 | 3.5 |
| SS15_030 | Sphere 72 | SS15_029 | Sphere110 | 5.7 | 3.5 | 4.4 |
| SS15_030 | Sphere355 | SS15_029 | Sphere300 | 3.3 | 3.3 | 0.1 |
| SS15_030 | Sphere 160 | SS15_039 | Sphere420 | 6.0 | 3.5 | 4.9 |
| SS15_030 | Sphere 72 | SS15_039 | Sphere 71 | 17.7 | 17.7 | 0.5 |
| SS15_030 | Sphere369 | SS15_032 | SA15_06 | 4.8 | 3.2 | 3.5 |
| SS15_030 | Sphere146 | SS15_032 | Sphere275 | 2.0 | 1.9 | 0.6 |
| SS15_030 | Sphere 90 | SS15_032 | Sphere146 | 6.8 | 6.5 | 2.0 |
| SS15_030 | Sphere 114 | SS15_032 | Sphere88 | 1.7 | 1.5 | 0.9 |
| SS15_030 | Sphere366 | SS15_032 | SA15_07 | 3.8 | 1.1 | 3.6 |
| SS15_030 | Sphere72 | SS15_032 | Sphere71 | 7.4 | 7.0 | 2.3 |


| SS15_030 | Sphere363 | SS15_032 | SA15_17 | 2.2 | 1.9 | 1.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_030 | Sphere105 | SS15_032 | Sphere380 | 9.5 | 6.6 | 6.9 |
| SS15_030 | Sphere99 | SS15_032 | Sphere280 | 6.3 | 6.1 | 1.6 |
| SS15_030 | Sphere355 | SS15_032 | SA15_22 | 1.3 | 1.3 | 0.1 |
| SS15_030 | Sphere366 | SS15_038 | Sphere466 | 9.2 | 8.0 | 4.4 |
| SS15_030 | Sphere 72 | SS15_038 | Sphere98 | 17.5 | 17.1 | 4.1 |
| SS15_030 | Sphere355 | SS15_038 | Sphere462 | 10.1 | 9.7 | 3.1 |
| SS15_030 | Sphere98 | SS15_044 | Sphere110 | 4.7 | 4.7 | 0.4 |
| SS15_030 | Sphere117 | SS15_044 | Sphere496 | 5.1 | 5.1 | 0.5 |
| SS15_030 | Sphere138 | SS15_044 | Sphere137 | 3.1 | 2.7 | 1.5 |
| SS15_030 | Sphere 72 | SS15_044 | Sphere71 | 10.3 | 4.4 | 9.3 |
| SS15_030 | Sphere363 | SS15_044 | SA15_17 | 10.7 | 9.3 | 5.4 |
| SS15_030 | Sphere355 | SS15_044 | SA15_22 | 14.0 | 13.1 | 4.8 |
| SS15_030 | Sphere362 | SS15_044 | Sphere339 | 5.6 | 5.5 | 0.6 |
| SS15_030 | Sphere348 | SS15_042 | Sphere399 | 7.1 | 6.9 | 1.7 |
| SS15_030 | Sphere352 | SS15_042 | Sphere114 | 11.5 | 10.7 | 4.1 |
| SS15_030 | Sphere 72 | SS15_042 | Sphere98 | 13.5 | 13.4 | 1.8 |
| SS15_030 | Sphere355 | SS15_042 | Sphere462 | 15.3 | 15.3 | 0.2 |
| SS15_030 | Sphere110 | SS15_043 | Sphere72 | 12.5 | 10.0 | 7.6 |
| SS15_030 | Sphere348 | SS15_043 | SA15_14 | 4.7 | 4.7 | 0.1 |
| SS15_030 | Sphere146 | SS15_043 | Sphere275 | 1.5 | 1.4 | 0.4 |
| SS15_030 | Sphere366 | SS15_043 | SA15_07 | 3.8 | 0.3 | 3.8 |
| SS15_030 | Sphere 72 | SS15_043 | Sphere 71 | 9.6 | 7.6 | 5.9 |
| SS15_030 | Sphere363 | SS15_043 | SA15_17 | 7.0 | 4.7 | 5.1 |
| SS15_030 | Sphere355 | SS15_043 | SA15_22 | 16.4 | 15.6 | 5.3 |
| SS15_030 | Sphere110 | SS15_047 | Sphere72 | 14.5 | 9.0 | 11.3 |
| SS15_030 | Sphere 72 | SS15_047 | Sphere 71 | 10.1 | 4.4 | 9.1 |
| SS15_030 | Sphere363 | SS15_047 | SA15_17 | 11.2 | 9.1 | 6.6 |
| SS15_030 | Sphere138 | SS15_045 | Sphere137 | 6.7 | 6.5 | 1.9 |
| SS15_030 | Sphere72 | SS15_045 | Sphere 71 | 11.3 | 5.8 | 9.7 |
| SS15_030 | Sphere363 | SS15_045 | SA15_17 | 11.9 | 10.8 | 5.0 |
| SS15_030 | Sphere355 | SS15_045 | SA15_22 | 15.3 | 15.0 | 3.1 |
| SS15_030 | Sphere355 | SS15_028 | Sphere300 | 6.5 | 6.5 | 0.8 |
| SS15_030 | Sphere 160 | SS15_037 | Sphere420 | 9.0 | 8.5 | 2.9 |
| SS15_030 | Sphere105 | SS15_037 | Sphere380 | 34.2 | 34.0 | 4.2 |
| SS15_030 | Sphere348 | SS15_040 | Sphere399 | 14.8 | 14.3 | 3.8 |
| SS15_030 | Sphere355 | SS15_040 | Sphere462 | 11.8 | 10.8 | 4.7 |
| SS15_030 | Sphere348 | SS15_033 | Sphere399 | 13.3 | 13.3 | 0.3 |
| SS15_030 | Sphere 72 | SS15_034 | Sphere98 | 18.8 | 17.8 | 6.1 |
| SS15_030 | Sphere 72 | SS15_041 | Sphere98 | 17.2 | 16.4 | 5.2 |


| SS15_030 | Sphere355 | SS15_041 | Sphere462 | 16.4 | 16.2 | 2.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_030 | Sphere359 | SS15_046 | Sphere138 | 6.0 | 5.7 | 1.8 |
| SS15_030 | Sphere355 | SS15_046 | SA15_22 | 11.2 | 10.7 | 3.3 |
| SS15_030 | Sphere363 | SS15_048 | SA15_17 | 10.9 | 9.5 | 5.4 |
| SS15_030 | Sphere359 | SS15_053 | Sphere138 | 11.9 | 11.7 | 1.7 |
| SS15_030 | Sphere138 | SS15_051 | Sphere137 | 11.1 | 10.2 | 4.4 |
| SS15_030 | Sphere355 | SS15_049 | SA15_22 | 20.2 | 19.2 | 6.3 |
| SS15_031 | Sphere 72 | SS15_005 | Sphere72 | 22.0 | 21.3 | 5.4 |
| SS15_031 | Sphere 91 | SS15_007 | Sphere91 | 4.4 | 3.7 | 2.4 |
| SS15_031 | Sphere89 | SS15_007 | Sphere89 | 3.5 | 2.7 | 2.3 |
| SS15_031 | SA15_17 | SS15_007 | SA15_17 | 15.9 | 15.8 | 1.5 |
| SS15_031 | Sphere268 | SS15_007 | Sphere101 | 6.2 | 4.8 | 4.0 |
| SS15_031 | Sphere 90 | SS15_007 | Sphere90 | 2.9 | 2.0 | 2.1 |
| SS15_031 | SA15_07 | SS15_007 | SA15_07 | 5.8 | 4.7 | 3.4 |
| SS15_031 | Sphere105 | SS15_007 | Sphere105 | 6.2 | 3.5 | 5.1 |
| SS15_031 | Sphere138 | SS15_010 | Sphere138 | 2.1 | 1.8 | 1.1 |
| SS15_031 | Sphere114 | SS15_008 | Sphere114 | 7.9 | 7.5 | 2.6 |
| SS15_031 | Sphere117 | SS15_008 | Sphere117 | 1.7 | 1.7 | 0.1 |
| SS15_031 | Sphere 91 | SS15_008 | Sphere91 | 5.5 | 5.1 | 2.1 |
| SS15_031 | Sphere268 | SS15_008 | Sphere101 | 5.2 | 4.2 | 3.1 |
| SS15_031 | SA15_07 | SS15_009 | SA15_07 | 8.5 | 8.1 | 2.7 |
| SS15_031 | Sphere 72 | SS15_011 | Sphere 72 | 16.5 | 16.5 | 0.5 |
| SS15_031 | SA15_17 | SS15_011 | SA15_17 | 12.1 | 11.9 | 2.0 |
| SS15_031 | Sphere114 | SS15_011 | Sphere114 | 3.0 | 0.6 | 2.9 |
| SS15_031 | Sphere268 | SS15_011 | Sphere101 | 4.1 | 3.1 | 2.7 |
| SS15_031 | Sphere144 | SS15_011 | Sphere144 | 7.2 | 6.7 | 2.7 |
| SS15_031 | SA15_07 | SS15_011 | SA15_07 | 9.5 | 8.6 | 4.0 |
| SS15_031 | Sphere 91 | SS15_011 | Sphere 91 | 5.9 | 5.6 | 1.9 |
| SS15_031 | SA15_13 | SS15_019 | SA15_13 | 9.9 | 9.9 | 1.2 |
| SS15_031 | Sphere 71 | SS15_019 | Sphere 71 | 15.8 | 15.3 | 4.1 |
| SS15_031 | Sphere144 | SS15_019 | Sphere144 | 14.7 | 14.2 | 3.5 |
| SS15_031 | Sphere188 | SS15_019 | Sphere188 | 6.2 | 5.9 | 1.8 |
| SS15_031 | Sphere188 | SS15_016 | Sphere188 | 10.8 | 10.8 | 0.4 |
| SS15_031 | Sphere188 | SS15_017 | Sphere188 | 4.5 | 4.4 | 0.9 |
| SS15_031 | Sphere188 | SS15_018 | Sphere188 | 7.6 | 7.6 | 0.5 |
| SS15_031 | Sphere 71 | SS15_018 | Sphere 71 | 16.7 | 16.0 | 4.5 |
| SS15_031 | Sphere 72 | SS15_021 | Sphere72 | 15.6 | 14.8 | 4.9 |
| SS15_031 | Sphere 71 | SS15_021 | Sphere71 | 12.7 | 10.6 | 6.9 |
| SS15_031 | SA15_07 | SS15_021 | SA15_07 | 13.1 | 12.4 | 4.0 |
| SS15_031 | SA15_13 | SS15_022 | SA15_13 | 5.2 | 5.1 | 0.5 |


| SS15_031 | SA15_14 | SS15_022 | SA15_14 | 4.3 | 4.3 | 0.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_031 | SA15_07 | SS15_022 | SA15_07 | 13.2 | 13.0 | 2.2 |
| SS15_031 | Sphere72 | SS15_022 | Sphere72 | 16.1 | 16.0 | 2.2 |
| SS15_031 | Sphere91 | SS15_022 | Sphere91 | 10.2 | 8.8 | 5.1 |
| SS15_031 | Sphere 105 | SS15_022 | Sphere 105 | 31.0 | 30.0 | 7.8 |
| SS15_031 | Sphere 144 | SS15_023 | Sphere144 | 3.9 | 3.8 | 1.1 |
| SS15_031 | Sphere72 | SS15_023 | Sphere72 | 16.0 | 15.9 | 1.5 |
| SS15_031 | SA15_14 | SS15_023 | SA15_14 | 4.0 | 3.9 | 0.7 |
| SS15_031 | Sphere71 | SS15_023 | Sphere71 | 11.4 | 10.8 | 3.4 |
| SS15_031 | Sphere99 | SS15_023 | Sphere99 | 4.1 | 4.0 | 0.9 |
| SS15_031 | SA15_07 | SS15_023 | SA15_07 | 13.3 | 12.9 | 3.2 |
| SS15_031 | Sphere117 | SS15_023 | Sphere117 | 6.1 | 6.0 | 1.1 |
| SS15_031 | Sphere71 | SS15_020 | Sphere71 | 14.9 | 13.6 | 6.0 |
| SS15_031 | Sphere 188 | SS15_020 | Sphere 188 | 5.6 | 5.6 | 0.1 |
| SS15_031 | Sphere72 | SS15_027 | Sphere72 | 19.6 | 19.4 | 2.7 |
| SS15_031 | SA15_22 | SS15_027 | SA15_22 | 6.8 | 6.8 | 0.7 |
| SS15_031 | Sphere 71 | SS15_027 | Sphere71 | 15.9 | 15.6 | 3.0 |
| SS15_031 | Sphere160 | SS15_027 | Sphere160 | 6.3 | 1.8 | 6.0 |
| SS15_031 | SA15_14 | SS15_024 | SA15_14 | 5.8 | 5.6 | 1.7 |
| SS15_031 | Sphere 144 | SS15_024 | Sphere144 | 8.8 | 8.0 | 3.7 |
| SS15_031 | Sphere 188 | SS15_024 | Sphere 188 | 5.0 | 5.0 | 0.1 |
| SS15_031 | Sphere72 | SS15_024 | Sphere72 | 17.1 | 17.0 | 1.0 |
| SS15_031 | SA15_13 | SS15_024 | SA15_13 | 5.8 | 5.7 | 0.9 |
| SS15_031 | Sphere71 | SS15_024 | Sphere71 | 14.0 | 13.8 | 2.3 |
| SS15_031 | Sphere 105 | SS15_024 | Sphere 105 | 24.7 | 23.7 | 6.6 |
| SS15_031 | Sphere 160 | SS15_025 | Sphere 160 | 2.2 | 1.5 | 1.6 |
| SS15_031 | Sphere268 | SS15_025 | Sphere268 | 8.8 | 4.6 | 7.4 |
| SS15_031 | SA15_07 | SS15_025 | SA15_07 | 12.2 | 12.2 | 1.1 |
| SS15_031 | SA15_14 | SS15_025 | SA15_14 | 5.9 | 5.9 | 0.4 |
| SS15_031 | Sphere72 | SS15_025 | Sphere72 | 17.8 | 17.8 | 0.5 |
| SS15_031 | Sphere99 | SS15_025 | Sphere99 | 5.9 | 5.3 | 2.5 |
| SS15_031 | SA15_22 | SS15_025 | SA15_22 | 9.2 | 7.0 | 6.0 |
| SS15_031 | SA15_13 | SS15_025 | SA15_13 | 6.5 | 6.3 | 1.8 |
| SS15_031 | Sphere 146 | SS15_026 | Sphere 146 | 10.4 | 10.2 | 2.1 |
| SS15_031 | Sphere71 | SS15_026 | Sphere71 | 17.5 | 17.5 | 1.3 |
| SS15_031 | SA15_22 | SS15_026 | SA15_22 | 6.5 | 6.3 | 1.7 |
| SS15_031 | Sphere72 | SS15_026 | Sphere72 | 16.6 | 16.1 | 4.1 |
| SS15_031 | SA15_14 | SS15_026 | SA15_14 | 3.0 | 2.2 | 2.0 |
| SS15_031 | Sphere 188 | SS15_026 | Sphere188 | 8.9 | 6.9 | 5.6 |
| SS15_031 | Sphere72 | SS15_030 | Sphere 110 | 9.7 | 8.0 | 5.5 |


| SS15_031 | SA15_13 | SS15_030 | Sphere344 | 2.0 | 2.0 | 0.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_031 | SA15_14 | SS15_030 | Sphere348 | 1.0 | 1.0 | 0.2 |
| SS15_031 | Sphere138 | SS15_030 | Sphere359 | 3.3 | 3.3 | 0.3 |
| SS15_031 | SA15_07 | SS15_030 | Sphere366 | 3.2 | 2.5 | 2.1 |
| SS15_031 | SA15_17 | SS15_030 | Sphere363 | 3.9 | 3.1 | 2.3 |
| SS15_031 | SA15_22 | SS15_028 | Sphere300 | 9.3 | 9.2 | 1.3 |
| SS15_031 | SA15_14 | SS15_028 | Sphere311 | 4.8 | 4.8 | 0.3 |
| SS15_031 | SA15_22 | SS15_029 | Sphere300 | 6.1 | 6.1 | 0.5 |
| SS15_031 | Sphere 91 | SS15_029 | Sphere117 | 6.8 | 6.8 | 1.1 |
| SS15_031 | Sphere 72 | SS15_029 | Sphere98 | 14.0 | 14.0 | 0.1 |
| SS15_031 | SA15_07 | SS15_029 | Sphere305 | 4.0 | 4.0 | 0.3 |
| SS15_031 | SA15_14 | SS15_029 | Sphere311 | 3.2 | 3.2 | 0.4 |
| SS15_031 | Sphere 91 | SS15_032 | Sphere91 | 4.6 | 4.6 | 0.4 |
| SS15_031 | Sphere 72 | SS15_032 | Sphere72 | 10.4 | 10.3 | 0.5 |
| SS15_031 | Sphere335 | SS15_032 | Sphere335 | 2.6 | 2.6 | 0.1 |
| SS15_031 | SA15_07 | SS15_032 | SA15_07 | 3.9 | 3.6 | 1.5 |
| SS15_031 | Sphere89 | SS15_032 | Sphere89 | 3.7 | 3.5 | 1.1 |
| SS15_031 | SA15_17 | SS15_032 | SA15_17 | 1.7 | 1.3 | 1.2 |
| SS15_031 | Sphere 90 | SS15_044 | Sphere90 | 8.2 | 6.6 | 4.8 |
| SS15_031 | SA15_22 | SS15_044 | SA15_22 | 12.5 | 11.3 | 5.3 |
| SS15_031 | Sphere339 | SS15_044 | Sphere339 | 3.2 | 3.1 | 0.7 |
| SS15_031 | Sphere 71 | SS15_044 | Sphere71 | 8.4 | 2.8 | 7.9 |
| SS15_031 | Sphere 72 | SS15_044 | Sphere 72 | 6.6 | 1.8 | 6.4 |
| SS15_031 | SA15_07 | SS15_044 | SA15_07 | 3.1 | 1.1 | 2.9 |
| SS15_031 | Sphere268 | SS15_044 | Sphere101 | 5.4 | 1.2 | 5.3 |
| SS15_031 | SA15_17 | SS15_044 | SA15_17 | 7.1 | 6.4 | 3.0 |
| SS15_031 | Sphere144 | SS15_044 | Sphere144 | 12.1 | 12.0 | 1.6 |
| SS15_031 | Sphere91 | SS15_047 | Sphere91 | 9.9 | 9.0 | 4.2 |
| SS15_031 | Sphere 71 | SS15_047 | Sphere71 | 8.3 | 3.1 | 7.7 |
| SS15_031 | Sphere 72 | SS15_047 | Sphere72 | 7.3 | 4.4 | 5.8 |
| SS15_031 | Sphere114 | SS15_047 | Sphere114 | 7.9 | 7.6 | 2.2 |
| SS15_031 | SA15_17 | SS15_047 | SA15_17 | 7.6 | 6.4 | 4.2 |
| SS15_031 | Sphere 117 | SS15_047 | Sphere117 | 9.7 | 9.0 | 3.6 |
| SS15_031 | SA15_22 | SS15_040 | Sphere462 | 13.3 | 12.2 | 5.3 |
| SS15_031 | SA15_14 | SS15_040 | Sphere399 | 15.0 | 14.5 | 4.0 |
| SS15_031 | SA15_22 | SS15_038 | Sphere462 | 11.6 | 11.0 | 3.6 |
| SS15_031 | Sphere 71 | SS15_038 | Sphere98 | 20.3 | 20.2 | 2.7 |
| SS15_031 | Sphere 72 | SS15_038 | Sphere142 | 18.6 | 18.6 | 0.0 |
| SS15_031 | SA15_07 | SS15_038 | Sphere466 | 10.2 | 9.9 | 2.3 |
| SS15_031 | SA15_14 | SS15_038 | Sphere399 | 13.8 | 13.8 | 0.5 |


| SS15_031 | SA15_22 | SS15_041 | Sphere462 | 17.5 | 17.2 | 3.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_031 | Sphere 71 | SS15_041 | Sphere 98 | 19.4 | 19.0 | 3.8 |
| SS15_031 | SA15_07 | SS15_041 | Sphere466 | 6.4 | 5.2 | 3.7 |
| SS15_031 | SA15_14 | SS15_041 | Sphere399 | 8.7 | 8.5 | 1.9 |
| SS15_031 | SA15_22 | SS15_042 | Sphere462 | 16.4 | 16.4 | 0.7 |
| SS15_031 | Sphere 71 | SS15_042 | Sphere98 | 15.8 | 15.8 | 0.4 |
| SS15_031 | Sphere 72 | SS15_042 | Sphere142 | 15.5 | 15.5 | 0.9 |
| SS15_031 | SA15_14 | SS15_042 | Sphere399 | 6.6 | 6.4 | 1.5 |
| SS15_031 | SA15_22 | SS15_043 | SA15_22 | 14.9 | 13.7 | 5.9 |
| SS15_031 | Sphere 71 | SS15_043 | Sphere71 | 8.9 | 7.7 | 4.5 |
| SS15_031 | Sphere352 | SS15_043 | Sphere352 | 1.9 | 1.5 | 1.3 |
| SS15_031 | Sphere 72 | SS15_043 | Sphere72 | 7.5 | 7.2 | 2.1 |
| SS15_031 | SA15_07 | SS15_043 | SA15_07 | 2.7 | 2.2 | 1.7 |
| SS15_031 | SA15_17 | SS15_043 | SA15_17 | 3.2 | 1.6 | 2.8 |
| SS15_031 | SA15_14 | SS15_043 | SA15_14 | 4.3 | 4.3 | 0.0 |
| SS15_031 | SA15_22 | SS15_046 | SA15_22 | 9.6 | 8.8 | 3.8 |
| SS15_031 | Sphere138 | SS15_046 | Sphere138 | 3.9 | 3.6 | 1.4 |
| SS15_031 | SA15_22 | SS15_049 | SA15_22 | 19.8 | 18.6 | 6.9 |
| SS15_031 | Sphere91 | SS15_049 | Sphere91 | 20.7 | 13.0 | 16.1 |
| SS15_031 | SA15_22 | SS15_045 | SA15_22 | 13.6 | 13.1 | 3.6 |
| SS15_031 | SA15_17 | SS15_045 | SA15_17 | 8.5 | 8.1 | 2.7 |
| SS15_031 | Sphere 117 | SS15_045 | Sphere117 | 8.7 | 8.6 | 1.3 |
| SS15_031 | Sphere 91 | SS15_048 | Sphere91 | 9.9 | 8.8 | 4.6 |
| SS15_031 | Sphere 138 | SS15_048 | Sphere138 | 9.4 | 9.3 | 1.5 |
| SS15_031 | SA15_17 | SS15_048 | SA15_17 | 7.3 | 6.7 | 3.0 |
| SS15_031 | Sphere 71 | SS15_039 | Sphere 71 | 20.8 | 20.7 | 0.9 |
| SS15_031 | Sphere 72 | SS15_039 | Sphere72 | 23.1 | 23.1 | 0.4 |
| SS15_031 | SA15_14 | SS15_039 | SA15_14 | 11.2 | 10.3 | 4.5 |
| SS15_031 | Sphere 71 | SS15_034 | Sphere98 | 21.3 | 20.8 | 4.7 |
| SS15_031 | SA15_14 | SS15_034 | Sphere399 | 14.0 | 14.0 | 0.5 |
| SS15_031 | SA15_14 | SS15_036 | SA15_14 | 11.9 | 11.6 | 2.5 |
| SS15_031 | Sphere89 | SS15_052 | Sphere89 | 15.9 | 15.1 | 4.8 |
| SS15_031 | Sphere138 | SS15_053 | Sphere138 | 9.1 | 8.8 | 2.1 |
| SS15_031 | SA15_14 | SS15_033 | Sphere399 | 14.1 | 14.0 | 0.5 |
| SS15_032 | Sphere32 | SS15_002 | Sphere18 | 24.4 | 24.3 | 2.6 |
| SS15_032 | Sphere 32 | SS15_003 | Sphere32 | 24.1 | 23.9 | 2.8 |
| SS15_032 | Sphere 72 | SS15_005 | Sphere72 | 18.0 | 17.0 | 5.9 |
| SS15_032 | Sphere91 | SS15_007 | Sphere91 | 3.3 | 1.8 | 2.8 |
| SS15_032 | SA15_17 | SS15_007 | SA15_17 | 15.5 | 15.3 | 2.7 |
| SS15_032 | Sphere 72 | SS15_011 | Sphere72 | 18.9 | 18.9 | 1.0 |


| SS15_032 | SA15_17 | SS15_011 | SA15_17 | 11.6 | 11.2 | 3.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_032 | SA15_13 | SS15_011 | SA15_13 | 9.3 | 9.2 | 1.3 |
| SS15_032 | SA15_07 | SS15_011 | SA15_07 | 6.1 | 5.6 | 2.5 |
| SS15_032 | Sphere 146 | SS15_011 | Sphere146 | 9.9 | 8.8 | 4.5 |
| SS15_032 | Sphere 170 | SS15_013 | Sphere 170 | 36.5 | 36.3 | 3.8 |
| SS15_032 | SA15_13 | SS15_019 | SA15_13 | 11.2 | 11.1 | 1.4 |
| SS15_032 | Sphere 71 | SS15_019 | Sphere 71 | 19.0 | 18.7 | 3.2 |
| SS15_032 | SA15_06 | SS15_015 | SA15_06 | 12.4 | 12.3 | 1.4 |
| SS15_032 | SA15_13 | SS15_016 | SA15_13 | 11.7 | 11.7 | 0.0 |
| SS15_032 | Sphere 71 | SS15_018 | Sphere71 | 20.0 | 19.6 | 3.7 |
| SS15_032 | Sphere 72 | SS15_021 | Sphere 72 | 20.8 | 20.0 | 5.4 |
| SS15_032 | SA15_06 | SS15_021 | SA15_06 | 9.9 | 9.8 | 1.3 |
| SS15_032 | Sphere 71 | SS15_021 | Sphere 71 | 17.0 | 15.8 | 6.1 |
| SS15_032 | SA15_13 | SS15_022 | SA15_13 | 7.4 | 7.4 | 0.7 |
| SS15_032 | SA15_14 | SS15_022 | SA15_14 | 6.4 | 6.1 | 1.8 |
| SS15_032 | Sphere243 | SS15_022 | Sphere243 | 7.9 | 6.3 | 4.8 |
| SS15_032 | Sphere 72 | SS15_023 | Sphere 72 | 19.7 | 19.6 | 2.0 |
| SS15_032 | SA15_13 | SS15_023 | SA15_13 | 7.0 | 6.9 | 1.0 |
| SS15_032 | SA15_14 | SS15_023 | SA15_14 | 5.4 | 5.4 | 0.3 |
| SS15_032 | Sphere 71 | SS15_023 | Sphere 71 | 16.2 | 16.0 | 2.6 |
| SS15_032 | Sphere97 | SS15_023 | Sphere97 | 10.2 | 6.0 | 8.2 |
| SS15_032 | Sphere 71 | SS15_020 | Sphere 71 | 18.2 | 17.5 | 5.1 |
| SS15_032 | SA15_13 | SS15_020 | SA15_13 | 11.6 | 11.6 | 0.3 |
| SS15_032 | Sphere 72 | SS15_027 | Sphere72 | 21.7 | 21.5 | 2.2 |
| SS15_032 | SA15_06 | SS15_027 | Sphere254 | 4.3 | 3.9 | 1.8 |
| SS15_032 | SA15_14 | SS15_027 | SA15_14 | 9.0 | 7.6 | 4.9 |
| SS15_032 | SA15_13 | SS15_027 | SA15_13 | 6.6 | 5.7 | 3.3 |
| SS15_032 | SA15_22 | SS15_027 | SA15_22 | 5.7 | 5.7 | 0.1 |
| SS15_032 | Sphere 71 | SS15_027 | Sphere 71 | 17.7 | 17.2 | 3.9 |
| SS15_032 | SA15_14 | SS15_024 | SA15_14 | 7.7 | 7.2 | 2.7 |
| SS15_032 | Sphere243 | SS15_024 | Sphere243 | 5.5 | 5.0 | 2.2 |
| SS15_032 | Sphere 72 | SS15_024 | Sphere72 | 20.4 | 20.3 | 1.5 |
| SS15_032 | SA15_13 | SS15_024 | SA15_13 | 8.0 | 7.9 | 1.1 |
| SS15_032 | Sphere 71 | SS15_024 | Sphere 71 | 18.4 | 18.3 | 1.5 |
| SS15_032 | SA15_07 | SS15_025 | SA15_07 | 10.3 | 10.3 | 0.3 |
| SS15_032 | SA15_14 | SS15_025 | SA15_14 | 7.2 | 7.2 | 0.6 |
| SS15_032 | Sphere380 | SS15_025 | Sphere267 | 29.5 | 29.4 | 1.9 |
| SS15_032 | Sphere 72 | SS15_025 | Sphere72 | 20.3 | 20.3 | 1.0 |
| SS15_032 | SA15_22 | SS15_025 | SA15_22 | 7.8 | 5.8 | 5.3 |
| SS15_032 | SA15_13 | SS15_025 | SA15_13 | 8.2 | 8.1 | 1.6 |


| SS15_032 | Sphere 146 | SS15_026 | Sphere146 | 3.2 | 2.3 | 2.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_032 | Sphere71 | SS15_026 | Sphere71 | 15.1 | 14.9 | 2.1 |
| SS15_032 | SA15_22 | SS15_026 | SA15_22 | 5.7 | 5.6 | 1.0 |
| SS15_032 | SA15_06 | SS15_026 | Sphere254 | 5.1 | 2.1 | 4.6 |
| SS15_032 | Sphere273 | SS15_026 | Sphere273 | 0.4 | 0.3 | 0.3 |
| SS15_032 | Sphere275 | SS15_026 | Sphere275 | 1.4 | 1.3 | 0.2 |
| SS15_032 | SA15_14 | SS15_026 | SA15_14 | 5.1 | 4.1 | 3.0 |
| SS15_032 | SA15_13 | SS15_026 | SA15_13 | 3.0 | 0.9 | 2.9 |
| SS15_032 | Sphere72 | SS15_030 | Spherel10 | 11.3 | 10.1 | 5.0 |
| SS15_032 | SA15_13 | SS15_030 | Sphere344 | 1.2 | 1.0 | 0.7 |
| SS15_032 | SA15_14 | SS15_030 | Sphere348 | 2.8 | 2.7 | 0.8 |
| SS15_032 | Sphere 122 | SS15_030 | Sphere368 | 25.9 | 25.4 | 4.9 |
| SS15_032 | SA15_13 | SS15_031 | SA15_13 | 2.3 | 2.3 | 0.2 |
| SS15_032 | SA15_22 | SS15_031 | SA15_22 | 2.7 | 2.6 | 0.7 |
| SS15_032 | Sphere 146 | SS15_031 | Sphere146 | 13.2 | 12.4 | 4.4 |
| SS15_032 | Sphere71 | SS15_031 | Sphere71 | 8.1 | 8.0 | 0.8 |
| SS15_032 | Sphere352 | SS15_031 | Sphere352 | 4.6 | 4.0 | 2.3 |
| SS15_032 | Sphere88 | SS15_031 | Sphere88 | 7.3 | 7.0 | 1.9 |
| SS15_032 | SA15_14 | SS15_031 | SA15_14 | 2.2 | 1.9 | 1.0 |
| SS15_032 | Sphere 385 | SS15_028 | Sphere72 | 4.2 | 4.1 | 0.3 |
| SS15_032 | SA15_14 | SS15_028 | Sphere311 | 3.0 | 2.9 | 0.7 |
| SS15_032 | Sphere389 | SS15_028 | Sphere320 | 4.2 | 4.2 | 0.4 |
| SS15_032 | SA15_12 | SS15_028 | Sphere308 | 5.4 | 5.0 | 2.1 |
| SS15_032 | SA15_13 | SS15_028 | Sphere307 | 6.7 | 6.6 | 1.2 |
| SS15_032 | SA15_22 | SS15_028 | Sphere300 | 7.5 | 7.5 | 0.7 |
| SS15_032 | Sphere352 | SS15_029 | Sphere114 | 5.8 | 5.8 | 0.6 |
| SS15_032 | SA15_14 | SS15_029 | Sphere311 | 1.4 | 1.3 | 0.6 |
| SS15_032 | Sphere 385 | SS15_029 | Sphere72 | 0.5 | 0.3 | 0.4 |
| SS15_032 | Sphere 320 | SS15_029 | Sphere335 | 2.3 | 2.3 | 0.4 |
| SS15_032 | SA15_22 | SS15_029 | Sphere300 | 4.2 | 4.2 | 0.2 |
| SS15_032 | Sphere 389 | SS15_029 | Sphere320 | 2.6 | 2.6 | 0.1 |
| SS15_032 | Sphere394 | SS15_029 | Sphere339 | 2.9 | 2.5 | 1.4 |
| SS15_032 | Sphere273 | SS15_029 | Sphere144 | 1.2 | 1.1 | 0.5 |
| SS15_032 | Sphere275 | SS15_029 | Sphere90 | 4.7 | 3.7 | 2.9 |
| SS15_032 | Sphere71 | SS15_029 | Spherel10 | 4.9 | 4.5 | 2.2 |
| SS15_032 | Sphere72 | SS15_029 | Sphere98 | 5.3 | 5.3 | 0.3 |
| SS15_032 | SA15_13 | SS15_029 | Sphere307 | 3.1 | 2.7 | 1.5 |
| SS15_032 | Sphere72 | SS15_039 | Sphere72 | 20.4 | 20.4 | 0.8 |
| SS15_032 | Sphere 382 | SS15_039 | Sphere382 | 7.7 | 7.7 | 0.5 |
| SS15_032 | SA15_12 | SS15_039 | SA15_12 | 8.3 | 7.7 | 3.1 |


| SS15_032 | Sphere 71 | SS15_039 | Sphere 71 | 20.3 | 20.2 | 1.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_032 | SA15_14 | SS15_039 | SA15_14 | 12.8 | 11.5 | 5.5 |
| SS15_032 | SA15_14 | SS15_040 | Sphere399 | 13.7 | 13.3 | 3.0 |
| SS15_032 | SA15_22 | SS15_040 | Sphere462 | 13.0 | 12.1 | 4.6 |
| SS15_032 | SA15_17 | SS15_044 | SA15_17 | 8.6 | 7.5 | 4.2 |
| SS15_032 | Sphere 122 | SS15_044 | Sphere122 | 26.1 | 26.1 | 2.0 |
| SS15_032 | Sphere393 | SS15_044 | Sphere393 | 14.6 | 14.2 | 3.3 |
| SS15_032 | SA15_22 | SS15_044 | SA15_22 | 14.4 | 13.6 | 4.7 |
| SS15_032 | Sphere 71 | SS15_044 | Sphere71 | 9.2 | 5.9 | 7.0 |
| SS15_032 | Sphere97 | SS15_043 | Sphere97 | 7.0 | 2.6 | 6.5 |
| SS15_032 | SA15_17 | SS15_043 | SA15_17 | 4.9 | 2.9 | 4.0 |
| SS15_032 | Sphere382 | SS15_043 | Sphere382 | 4.6 | 4.4 | 1.2 |
| SS15_032 | Sphere 72 | SS15_043 | Sphere72 | 4.8 | 4.0 | 2.5 |
| SS15_032 | Sphere320 | SS15_043 | Sphere320 | 0.8 | 0.8 | 0.2 |
| SS15_032 | Sphere275 | SS15_043 | Sphere275 | 2.6 | 2.4 | 1.0 |
| SS15_032 | SA15_22 | SS15_043 | SA15_22 | 16.9 | 16.1 | 5.2 |
| SS15_032 | Sphere243 | SS15_043 | Sphere243 | 4.6 | 4.5 | 0.7 |
| SS15_032 | SA15_14 | SS15_043 | SA15_14 | 2.7 | 2.6 | 1.0 |
| SS15_032 | Sphere 71 | SS15_043 | Sphere71 | 4.3 | 2.2 | 3.7 |
| SS15_032 | Sphere352 | SS15_043 | Sphere352 | 6.4 | 5.3 | 3.5 |
| SS15_032 | Sphere 122 | SS15_046 | Sphere122 | 34.0 | 33.0 | 8.0 |
| SS15_032 | SA15_22 | SS15_046 | SA15_22 | 11.6 | 11.2 | 3.1 |
| SS15_032 | SA15_17 | SS15_048 | SA15_17 | 8.8 | 7.7 | 4.2 |
| SS15_032 | Sphere 91 | SS15_048 | Sphere91 | 10.0 | 8.7 | 5.0 |
| SS15_032 | SA15_17 | SS15_045 | SA15_17 | 9.8 | 9.0 | 3.9 |
| SS15_032 | SA15_22 | SS15_045 | SA15_22 | 15.8 | 15.5 | 2.9 |
| SS15_032 | Sphere 71 | SS15_045 | Sphere 71 | 14.2 | 12.0 | 7.5 |
| SS15_032 | Sphere97 | SS15_054 | Sphere97 | 18.8 | 12.4 | 14.1 |
| SS15_032 | SA15_17 | SS15_047 | SA15_17 | 9.1 | 7.3 | 5.4 |
| SS15_032 | Sphere 72 | SS15_047 | Sphere72 | 9.1 | 6.5 | 6.3 |
| SS15_032 | Sphere385 | SS15_047 | Sphere385 | 8.5 | 0.8 | 8.5 |
| SS15_032 | Sphere91 | SS15_047 | Sphere91 | 9.5 | 8.3 | 4.6 |
| SS15_032 | Sphere 71 | SS15_047 | Sphere71 | 8.8 | 5.5 | 6.9 |
| SS15_032 | SA15_07 | SS15_038 | Sphere466 | 7.4 | 7.3 | 0.8 |
| SS15_032 | Sphere 72 | SS15_038 | Sphere142 | 16.8 | 16.8 | 0.5 |
| SS15_032 | SA15_12 | SS15_038 | Sphere401 | 9.0 | 9.0 | 1.1 |
| SS15_032 | SA15_22 | SS15_038 | Sphere462 | 11.4 | 11.0 | 2.9 |
| SS15_032 | SA15_14 | SS15_038 | Sphere399 | 13.4 | 13.4 | 0.6 |
| SS15_032 | Sphere 71 | SS15_038 | Sphere98 | 19.3 | 19.2 | 1.8 |
| SS15_032 | Sphere389 | SS15_041 | Sphere89 | 9.3 | 8.2 | 4.3 |


| SS15_032 | SA15_22 | SS15_041 | Sphere462 | 17.7 | 17.5 | 2.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_032 | SA15_14 | SS15_041 | Sphere399 | 6.7 | 6.7 | 0.9 |
| SS15_032 | Sphere71 | SS15_041 | Sphere98 | 12.9 | 12.6 | 3.0 |
| SS15_032 | Sphere72 | SS15_042 | Sphere142 | 6.3 | 6.1 | 1.3 |
| SS15_032 | Sphere389 | SS15_042 | Sphere89 | 5.7 | 4.6 | 3.4 |
| SS15_032 | Sphere385 | SS15_042 | Sphere 110 | 4.2 | 4.1 | 1.1 |
| SS15_032 | SA15_22 | SS15_042 | Sphere462 | 16.6 | 16.6 | 0.0 |
| SS15_032 | SA15_14 | SS15_042 | Sphere399 | 5.2 | 4.5 | 2.5 |
| SS15_032 | Sphere71 | SS15_042 | Sphere98 | 9.0 | 9.0 | 0.4 |
| SS15_032 | Sphere380 | SS15_037 | Sphere380 | 38.1 | 36.5 | 11.1 |
| SS15_032 | SA15_12 | SS15_037 | SA15_12 | 15.7 | 14.1 | 6.8 |
| SS15_032 | SA15_14 | SS15_033 | Sphere399 | 14.2 | 14.1 | 0.6 |
| SS15_032 | SA15_14 | SS15_034 | Sphere399 | 14.2 | 14.1 | 1.5 |
| SS15_032 | Sphere71 | SS15_034 | Sphere98 | 21.0 | 20.7 | 3.8 |
| SS15_032 | Sphere389 | SS15_051 | Sphere389 | 13.5 | 12.6 | 4.7 |
| SS15_032 | Sphere389 | SS15_049 | Sphere389 | 13.0 | 12.0 | 4.8 |
| SS15_032 | Sphere91 | SS15_049 | Sphere91 | 22.5 | 16.1 | 15.7 |
| SS15_032 | SA15_22 | SS15_049 | SA15_22 | 21.1 | 20.2 | 6.2 |
| SS15_032 | Sphere243 | SS15_049 | Sphere243 | 8.8 | 6.6 | 5.8 |
| SS15_032 | SA15_14 | SS15_036 | SA15_14 | 13.0 | 12.5 | 3.5 |
| SS15_033 | Sphere30 | SS15_000 | Sphere30 | 17.8 | 17.7 | 1.2 |
| SS15_033 | Sphere30 | SS15_001 | Sphere30 | 7.2 | 7.0 | 1.6 |
| SS15_033 | Sphere32 | SS15_001 | Sphere32 | 3.6 | 1.6 | 3.3 |
| SS15_033 | Sphere29 | SS15_001 | Sphere29 | 3.9 | 2.6 | 2.9 |
| SS15_033 | Sphere29 | SS15_002 | Sphere29 | 5.8 | 5.5 | 1.6 |
| SS15_033 | Sphere30 | SS15_002 | Sphere30 | 7.0 | 6.8 | 1.6 |
| SS15_033 | Sphere17 | SS15_002 | Sphere17 | 3.1 | 1.7 | 2.6 |
| SS15_033 | Sphere30 | SS15_003 | Sphere47 | 10.5 | 10.0 | 3.3 |
| SS15_033 | Sphere30 | SS15_004 | Sphere47 | 7.5 | 6.5 | 3.9 |
| SS15_033 | Sphere157 | SS15_004 | Sphere56 | 6.8 | 6.5 | 2.0 |
| SS15_033 | Sphere30 | SS15_005 | Sphere47 | 10.0 | 7.0 | 7.2 |
| SS15_033 | Sphere30 | SS15_006 | Sphere30 | 10.9 | 9.5 | 5.4 |
| SS15_033 | Sphere29 | SS15_006 | Sphere29 | 7.8 | 7.5 | 2.0 |
| SS15_033 | Sphere407 | SS15_012 | SA15_08 | 11.1 | 8.5 | 7.1 |
| SS15_033 | Sphere29 | SS15_012 | SA15_09 | 4.2 | 4.2 | 0.1 |
| SS15_033 | Sphere30 | SS15_012 | Sphere47 | 8.9 | 6.5 | 6.1 |
| SS15_033 | Sphere29 | SS15_013 | SA15_09 | 10.8 | 10.8 | 0.5 |
| SS15_033 | Sphere409 | SS15_013 | Sphere177 | 12.7 | 4.6 | 11.8 |
| SS15_033 | Sphere407 | SS15_013 | SA15_08 | 14.6 | 11.8 | 8.6 |
| SS15_033 | Sphere30 | SS15_013 | Sphere47 | 7.0 | 6.2 | 3.2 |


| SS15_033 | Sphere407 | SS15_014 | SA15_08 | 19.0 | 18.0 | 6.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_033 | Sphere400 | SS15_019 | SA15_10 | 13.4 | 13.4 | 0.5 |
| SS15_033 | Sphere29 | SS15_019 | SA15_09 | 14.0 | 13.3 | 4.5 |
| SS15_033 | Sphere409 | SS15_019 | Sphere177 | 9.3 | 2.5 | 9.0 |
| SS15_033 | Sphere407 | SS15_019 | SA15_08 | 10.7 | 10.2 | 3.1 |
| SS15_033 | Sphere407 | SS15_015 | SA15_08 | 18.3 | 17.5 | 5.5 |
| SS15_033 | Sphere29 | SS15_015 | SA15_09 | 13.9 | 13.2 | 4.2 |
| SS15_033 | Sphere409 | SS15_015 | Sphere177 | 14.2 | 7.3 | 12.2 |
| SS15_033 | Sphere29 | SS15_016 | SA15_09 | 15.3 | 15.0 | 2.6 |
| SS15_033 | Sphere407 | SS15_016 | SA15_08 | 15.7 | 14.9 | 5.2 |
| SS15_033 | Sphere29 | SS15_017 | SA15_09 | 14.1 | 13.8 | 2.8 |
| SS15_033 | Sphere407 | SS15_017 | SA15_08 | 15.0 | 13.0 | 7.4 |
| SS15_033 | Sphere400 | SS15_021 | SA15_10 | 13.0 | 13.0 | 0.1 |
| SS15_033 | Sphere400 | SS15_022 | SA15_10 | 13.7 | 13.7 | 0.4 |
| SS15_033 | Sphere399 | SS15_023 | SA15_14 | 11.5 | 11.5 | 0.2 |
| SS15_033 | Sphere400 | SS15_023 | SA15_10 | 14.5 | 14.4 | 1.3 |
| SS15_033 | Sphere407 | SS15_020 | SA15_08 | 14.0 | 13.0 | 5.3 |
| SS15_033 | Sphere406 | SS15_020 | SA15_11 | 16.1 | 16.0 | 0.9 |
| SS15_033 | Sphere400 | SS15_020 | SA15_10 | 11.7 | 11.7 | 0.7 |
| SS15_033 | Sphere29 | SS15_027 | Sphere257 | 12.3 | 12.1 | 2.2 |
| SS15_033 | Sphere400 | SS15_024 | Sphere260 | 14.6 | 14.6 | 0.0 |
| SS15_033 | Sphere29 | SS15_024 | Sphere257 | 13.1 | 12.7 | 2.9 |
| SS15_033 | Sphere400 | SS15_025 | Sphere260 | 14.8 | 14.8 | 0.2 |
| SS15_033 | Sphere400 | SS15_026 | Sphere260 | 14.5 | 14.5 | 0.9 |
| SS15_033 | Sphere401 | SS15_028 | Sphere308 | 13.8 | 13.8 | 0.4 |
| SS15_033 | Sphere400 | SS15_028 | Sphere310 | 13.4 | 13.4 | 0.2 |
| SS15_033 | Sphere 32 | SS15_029 | Sphere45 | 18.9 | 18.9 | 1.2 |
| SS15_033 | Sphere403 | SS15_029 | Sphere306 | 14.3 | 14.2 | 1.5 |
| SS15_033 | Sphere403 | SS15_039 | SA15_06 | 9.6 | 8.7 | 4.0 |
| SS15_033 | Sphere401 | SS15_039 | SA15_12 | 12.1 | 12.1 | 0.7 |
| SS15_033 | Sphere404 | SS15_039 | Sphere26 | 5.8 | 4.6 | 3.5 |
| SS15_033 | Sphere400 | SS15_039 | SA15_10 | 14.7 | 14.4 | 2.5 |
| SS15_033 | Sphere400 | SS15_040 | Sphere400 | 12.5 | 12.4 | 2.0 |
| SS15_033 | Sphere399 | SS15_040 | Sphere399 | 9.9 | 9.2 | 3.6 |
| SS15_033 | Sphere401 | SS15_032 | SA15_12 | 14.4 | 14.1 | 2.4 |
| SS15_033 | Sphere400 | SS15_034 | Sphere400 | 11.5 | 11.0 | 3.3 |
| SS15_033 | Sphere29 | SS15_034 | Sphere29 | 11.2 | 11.0 | 2.3 |
| SS15_033 | Sphere403 | SS15_034 | Sphere403 | 3.9 | 3.4 | 1.7 |
| SS15_033 | Sphere407 | SS15_034 | Sphere407 | 4.9 | 4.2 | 2.4 |
| SS15_033 | Sphere396 | SS15_034 | Sphere396 | 14.7 | 10.2 | 10.5 |


| SS15_033 | Sphere401 | SS15_034 | Sphere401 | 4.1 | 3.9 | 1.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_033 | Sphere400 | SS15_035 | SA15_10 | 9.0 | 8.4 | 3.2 |
| SS15_033 | Sphere29 | SS15_035 | SA15_09 | 15.5 | 14.0 | 6.7 |
| SS15_033 | Sphere403 | SS15_035 | SA15_06 | 5.5 | 4.1 | 3.7 |
| SS15_033 | Sphere407 | SS15_035 | SA15_08 | 11.4 | 11.2 | 1.8 |
| SS15_033 | Sphere401 | SS15_035 | SA15_12 | 4.8 | 4.7 | 0.8 |
| SS15_033 | Sphere400 | SS15_036 | SA15_10 | 11.9 | 10.8 | 4.9 |
| SS15_033 | Sphere29 | SS15_036 | SA15_09 | 16.3 | 14.8 | 6.7 |
| SS15_033 | Sphere407 | SS15_036 | SA15_08 | 11.8 | 11.4 | 3.3 |
| SS15_033 | Sphere400 | SS15_037 | SA15_10 | 12.4 | 11.7 | 4.3 |
| SS15_033 | Sphere407 | SS15_037 | SA15_08 | 8.3 | 6.8 | 4.8 |
| SS15_033 | Sphere401 | SS15_037 | SA15_12 | 6.0 | 4.0 | 4.4 |
| SS15_033 | Sphere157 | SS15_038 | Sphere157 | 6.1 | 6.1 | 0.1 |
| SS15_033 | Sphere401 | SS15_038 | Sphere401 | 9.8 | 9.7 | 1.3 |
| SS15_033 | Sphere399 | SS15_043 | SA15_14 | 13.2 | 13.2 | 0.4 |
| SS15_034 | Sphere30 | SS15_000 | Sphere30 | 15.9 | 15.5 | 3.5 |
| SS15_034 | Sphere30 | SS15_001 | Sphere30 | 8.4 | 5.7 | 6.2 |
| SS15_034 | Sphere 32 | SS15_001 | Sphere 32 | 8.6 | 6.6 | 5.4 |
| SS15_034 | Sphere29 | SS15_001 | Sphere29 | 8.6 | 8.5 | 0.6 |
| SS15_034 | Sphere29 | SS15_002 | Sphere29 | 6.7 | 6.7 | 0.6 |
| SS15_034 | Sphere30 | SS15_002 | Sphere30 | 7.2 | 6.4 | 3.1 |
| SS15_034 | Sphere30 | SS15_003 | Sphere47 | 8.6 | 8.5 | 1.4 |
| SS15_034 | Sphere417 | SS15_003 | Sphere8 | 12.4 | 12.4 | 0.3 |
| SS15_034 | Sphere30 | SS15_004 | Sphere47 | 5.2 | 5.1 | 0.8 |
| SS15_034 | Sphere420 | SS15_004 | Sphere54 | 8.7 | 8.7 | 0.1 |
| SS15_034 | Sphere 32 | SS15_004 | Sphere52 | 4.2 | 4.1 | 0.5 |
| SS15_034 | Sphere30 | SS15_005 | Sphere47 | 5.8 | 5.2 | 2.6 |
| SS15_034 | Sphere 30 | SS15_006 | Sphere30 | 7.5 | 7.5 | 0.7 |
| SS15_034 | Sphere29 | SS15_006 | Sphere29 | 4.1 | 4.1 | 0.2 |
| SS15_034 | Sphere29 | SS15_012 | SA15_09 | 11.9 | 11.6 | 2.4 |
| SS15_034 | Sphere 30 | SS15_012 | Sphere47 | 7.8 | 7.7 | 1.4 |
| SS15_034 | Sphere 29 | SS15_013 | SA15_09 | 13.7 | 13.6 | 1.8 |
| SS15_034 | Sphere407 | SS15_013 | SA15_08 | 15.5 | 14.2 | 6.3 |
| SS15_034 | Sphere 30 | SS15_013 | Sphere47 | 10.9 | 7.5 | 7.9 |
| SS15_034 | Sphere406 | SS15_013 | SA15_11 | 10.9 | 10.2 | 3.8 |
| SS15_034 | Sphere400 | SS15_019 | SA15_10 | 14.8 | 14.3 | 3.8 |
| SS15_034 | Sphere407 | SS15_019 | SA15_08 | 7.7 | 7.7 | 0.8 |
| SS15_034 | Sphere407 | SS15_015 | SA15_08 | 17.1 | 16.9 | 3.1 |
| SS15_034 | Sphere29 | SS15_015 | SA15_09 | 12.9 | 12.7 | 1.9 |
| SS15_034 | Sphere29 | SS15_016 | SA15_09 | 12.4 | 12.4 | 0.3 |


| SS15_034 | Sphere29 | SS15_017 | SA15_09 | 11.0 | 11.0 | 0.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_034 | Sphere98 | SS15_021 | Sphere 71 | 14.1 | 13.9 | 2.2 |
| SS15_034 | Sphere399 | SS15_022 | SA15_14 | 12.8 | 12.8 | 0.3 |
| SS15_034 | Sphere399 | SS15_023 | SA15_14 | 11.3 | 11.2 | 1.2 |
| SS15_034 | Sphere400 | SS15_023 | SA15_10 | 14.5 | 14.4 | 2.0 |
| SS15_034 | Sphere 98 | SS15_020 | Sphere 71 | 10.6 | 10.6 | 1.3 |
| SS15_034 | Sphere407 | SS15_020 | SA15_08 | 11.0 | 10.6 | 2.9 |
| SS15_034 | Sphere406 | SS15_020 | SA15_11 | 13.2 | 13.2 | 1.2 |
| SS15_034 | Sphere29 | SS15_027 | Sphere257 | 4.5 | 4.5 | 0.0 |
| SS15_034 | Sphere399 | SS15_024 | SA15_14 | 11.5 | 11.4 | 1.2 |
| SS15_034 | Sphere29 | SS15_024 | Sphere257 | 6.6 | 6.6 | 0.6 |
| SS15_034 | Sphere399 | SS15_025 | SA15_14 | 9.8 | 9.7 | 0.9 |
| SS15_034 | Sphere400 | SS15_025 | Sphere260 | 13.3 | 12.8 | 3.5 |
| SS15_034 | Sphere400 | SS15_026 | Sphere260 | 12.7 | 12.0 | 4.2 |
| SS15_034 | Sphere399 | SS15_026 | SA15_14 | 13.6 | 13.5 | 1.5 |
| SS15_034 | Sphere399 | SS15_030 | Sphere348 | 13.1 | 13.1 | 0.7 |
| SS15_034 | Sphere188 | SS15_028 | Sphere292 | 26.1 | 25.1 | 7.2 |
| SS15_034 | Sphere105 | SS15_028 | Sphere267 | 6.4 | 6.3 | 1.2 |
| SS15_034 | Sphere 160 | SS15_028 | Sphere289 | 25.7 | 25.6 | 2.3 |
| SS15_034 | Sphere401 | SS15_028 | Sphere308 | 11.6 | 11.5 | 0.7 |
| SS15_034 | Sphere400 | SS15_028 | Sphere310 | 9.0 | 8.4 | 3.1 |
| SS15_034 | Sphere 32 | SS15_029 | Sphere45 | 15.5 | 15.2 | 3.3 |
| SS15_034 | Sphere403 | SS15_039 | SA15_06 | 6.5 | 6.1 | 2.2 |
| SS15_034 | Sphere401 | SS15_039 | SA15_12 | 9.3 | 9.1 | 1.8 |
| SS15_034 | Sphere399 | SS15_039 | SA15_14 | 8.8 | 7.8 | 4.0 |
| SS15_034 | Sphere399 | SS15_040 | Sphere399 | 10.8 | 9.8 | 4.5 |
| SS15_034 | Sphere401 | SS15_032 | SA15_12 | 13.2 | 13.2 | 1.3 |
| SS15_034 | Sphere 32 | SS15_033 | Sphere 32 | 6.4 | 6.0 | 2.1 |
| SS15_034 | Sphere30 | SS15_033 | Sphere30 | 5.2 | 2.4 | 4.7 |
| SS15_034 | Sphere399 | SS15_033 | Sphere399 | 1.2 | 0.7 | 0.9 |
| SS15_034 | Sphere406 | SS15_033 | Sphere406 | 7.1 | 7.1 | 0.4 |
| SS15_034 | Sphere417 | SS15_041 | Sphere417 | 19.9 | 19.8 | 2.4 |
| SS15_034 | Sphere 160 | SS15_038 | Sphere160 | 12.2 | 11.2 | 4.7 |
| SS15_034 | Sphere188 | SS15_038 | Sphere188 | 9.4 | 5.9 | 7.3 |
| SS15_034 | Sphere399 | SS15_038 | Sphere399 | 4.1 | 4.0 | 1.0 |
| SS15_034 | Sphere42 | SS15_038 | Sphere42 | 5.1 | 5.1 | 0.7 |
| SS15_034 | Sphere98 | SS15_038 | Sphere98 | 3.1 | 2.3 | 2.0 |
| SS15_034 | Sphere401 | SS15_038 | Sphere401 | 6.5 | 6.5 | 0.2 |
| SS15_034 | Sphere425 | SS15_038 | Sphere425 | 3.9 | 3.5 | 1.7 |
| SS15_034 | Sphere82 | SS15_038 | Sphere82 | 4.7 | 4.4 | 1.7 |


| SS15_034 | Sphere400 | SS15_036 | SA15_10 | 19.0 | 17.2 | 8.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_034 | Sphere407 | SS15_036 | SA15_08 | 9.7 | 7.9 | 5.6 |
| SS15_034 | Sphere29 | SS15_036 | SA15_09 | 11.5 | 10.7 | 4.4 |
| SS15_034 | Sphere399 | SS15_042 | Sphere399 | 14.2 | 14.2 | 1.0 |
| SS15_034 | Sphere399 | SS15_043 | SA15_14 | 13.3 | 13.3 | 0.5 |
| SS15_034 | Sphere407 | SS15_035 | SA15_08 | 8.8 | 7.7 | 4.2 |
| SS15_034 | Sphere29 | SS15_035 | SA15_09 | 12.3 | 11.4 | 4.5 |
| SS15_034 | Sphere401 | SS15_037 | SA15_12 | 9.5 | 7.7 | 5.5 |
| SS15_034 | Sphere407 | SS15_037 | SA15_08 | 8.0 | 3.5 | 7.2 |
| SS15_034 | Sphere98 | SS15_044 | Sphere71 | 22.2 | 22.0 | 3.2 |
| SS15_035 | SA15_09 | SS15_002 | Sphere29 | 15.2 | 14.3 | 5.1 |
| SS15_035 | SA15_11 | SS15_004 | SA15_11 | 13.2 | 12.8 | 3.1 |
| SS15_035 | SA15_09 | SS15_006 | Sphere29 | 13.8 | 13.0 | 4.7 |
| SS15_035 | SA15_09 | SS15_012 | SA15_09 | 12.8 | 10.9 | 6.8 |
| SS15_035 | SA15_11 | SS15_012 | SA15_11 | 9.7 | 9.7 | 0.3 |
| SS15_035 | SA15_11 | SS15_011 | SA15_11 | 9.6 | 9.4 | 2.1 |
| SS15_035 | SA15_09 | SS15_013 | SA15_09 | 8.8 | 6.2 | 6.2 |
| SS15_035 | SA15_08 | SS15_013 | SA15_08 | 19.3 | 16.2 | 10.4 |
| SS15_035 | SA15_11 | SS15_013 | SA15_11 | 6.8 | 6.7 | 1.0 |
| SS15_035 | SA15_10 | SS15_019 | SA15_10 | 8.9 | 8.4 | 2.7 |
| SS15_035 | SA15_11 | SS15_019 | SA15_11 | 10.6 | 10.2 | 3.0 |
| SS15_035 | SA15_08 | SS15_019 | SA15_08 | 5.8 | 3.1 | 4.9 |
| SS15_035 | SA15_08 | SS15_015 | SA15_08 | 14.7 | 12.8 | 7.3 |
| SS15_035 | SA15_09 | SS15_015 | SA15_09 | 3.5 | 2.4 | 2.6 |
| SS15_035 | SA15_09 | SS15_016 | SA15_09 | 4.3 | 1.1 | 4.2 |
| SS15_035 | SA15_11 | SS15_016 | SA15_11 | 2.4 | 2.4 | 0.4 |
| SS15_035 | Sphere103 | SS15_018 | Sphere103 | 6.2 | 6.2 | 0.6 |
| SS15_035 | SA15_10 | SS15_022 | SA15_10 | 10.2 | 9.6 | 3.6 |
| SS15_035 | SA15_10 | SS15_023 | SA15_10 | 10.8 | 9.8 | 4.5 |
| SS15_035 | SA15_08 | SS15_020 | SA15_08 | 8.4 | 4.5 | 7.0 |
| SS15_035 | SA15_11 | SS15_020 | SA15_11 | 6.7 | 6.6 | 1.5 |
| SS15_035 | SA15_09 | SS15_027 | Sphere257 | 8.6 | 7.3 | 4.5 |
| SS15_035 | SA15_10 | SS15_024 | Sphere260 | 10.7 | 10.2 | 3.2 |
| SS15_035 | SA15_09 | SS15_024 | Sphere257 | 6.5 | 5.2 | 3.9 |
| SS15_035 | SA15_10 | SS15_025 | Sphere260 | 11.9 | 11.5 | 3.0 |
| SS15_035 | SA15_10 | SS15_026 | Sphere260 | 12.0 | 11.7 | 2.3 |
| SS15_035 | SA15_12 | SS15_028 | Sphere308 | 13.8 | 13.7 | 1.2 |
| SS15_035 | SA15_10 | SS15_028 | Sphere310 | 13.5 | 13.1 | 3.4 |
| SS15_035 | SA15_06 | SS15_039 | SA15_06 | 10.3 | 10.3 | 0.2 |
| SS15_035 | SA15_12 | SS15_039 | SA15_12 | 13.1 | 13.1 | 0.2 |


| SS15_035 | SA15_10 | SS15_039 | SA15_10 | 12.9 | 12.9 | 0.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_035 | SA15_10 | SS15_040 | Sphere400 | 15.7 | 14.8 | 5.2 |
| SS15_035 | SA15_12 | SS15_032 | SA15_12 | 12.7 | 12.3 | 3.3 |
| SS15_035 | SA15_11 | SS15_033 | Sphere406 | 13.6 | 13.4 | 2.3 |
| SS15_035 | SA15_06 | SS15_034 | Sphere403 | 7.2 | 6.9 | 2.0 |
| SS15_035 | SA15_10 | SS15_034 | Sphere400 | 17.1 | 15.8 | 6.5 |
| SS15_035 | SA15_11 | SS15_034 | Sphere406 | 14.0 | 13.8 | 2.7 |
| SS15_035 | SA15_12 | SS15_034 | Sphere401 | 8.0 | 7.7 | 1.9 |
| SS15_035 | SA15_10 | SS15_036 | SA15_10 | 3.0 | 2.5 | 1.7 |
| SS15_035 | SA15_09 | SS15_036 | SA15_09 | 2.0 | 2.0 | 0.1 |
| SS15_035 | Sphere426 | SS15_037 | Sphere426 | 2.5 | 2.4 | 0.7 |
| SS15_035 | SA15_12 | SS15_037 | SA15_12 | 4.0 | 1.9 | 3.6 |
| SS15_035 | SA15_11 | SS15_037 | SA15_11 | 13.7 | 10.8 | 8.4 |
| SS15_035 | SA15_08 | SS15_037 | SA15_08 | 5.4 | 4.5 | 3.1 |
| SS15_035 | SA15_12 | SS15_038 | Sphere401 | 11.5 | 11.3 | 2.2 |
| SS15_036 | SA15_09 | SS15_002 | Sphere29 | 15.3 | 14.4 | 5.1 |
| SS15_036 | SA15_11 | SS15_004 | SA15_11 | 14.5 | 14.5 | 0.0 |
| SS15_036 | Sphere 82 | SS15_007 | Sphere82 | 12.7 | 12.4 | 2.9 |
| SS15_036 | SA15_09 | SS15_006 | Sphere29 | 13.6 | 12.8 | 4.7 |
| SS15_036 | SA15_11 | SS15_012 | SA15_11 | 13.2 | 12.9 | 2.7 |
| SS15_036 | SA15_11 | SS15_011 | SA15_11 | 4.7 | 4.6 | 1.0 |
| SS15_036 | Sphere 160 | SS15_011 | Sphere160 | 10.5 | 10.5 | 0.9 |
| SS15_036 | Sphere 157 | SS15_011 | Sphere157 | 6.6 | 5.1 | 4.2 |
| SS15_036 | SA15_09 | SS15_013 | SA15_09 | 10.1 | 8.0 | 6.2 |
| SS15_036 | SA15_08 | SS15_013 | SA15_08 | 20.2 | 16.3 | 11.9 |
| SS15_036 | SA15_11 | SS15_013 | SA15_11 | 12.5 | 11.8 | 4.1 |
| SS15_036 | Sphere 157 | SS15_019 | Sphere157 | 3.1 | 2.6 | 1.8 |
| SS15_036 | Sphere 160 | SS15_019 | Sphere160 | 7.5 | 7.3 | 1.8 |
| SS15_036 | Sphere42 | SS15_019 | Sphere42 | 7.7 | 7.4 | 1.8 |
| SS15_036 | SA15_11 | SS15_019 | SA15_11 | 4.6 | 4.6 | 0.1 |
| SS15_036 | SA15_08 | SS15_019 | SA15_08 | 7.1 | 3.1 | 6.4 |
| SS15_036 | SA15_08 | SS15_015 | SA15_08 | 15.5 | 12.8 | 8.7 |
| SS15_036 | SA15_09 | SS15_015 | SA15_09 | 5.0 | 4.4 | 2.5 |
| SS15_036 | SA15_09 | SS15_016 | SA15_09 | 4.6 | 2.1 | 4.1 |
| SS15_036 | SA15_11 | SS15_016 | SA15_11 | 6.1 | 5.0 | 3.5 |
| SS15_036 | Sphere 157 | SS15_018 | Sphere157 | 8.5 | 7.3 | 4.3 |
| SS15_036 | Sphere 160 | SS15_018 | Sphere160 | 10.2 | 10.2 | 0.6 |
| SS15_036 | SA15_06 | SS15_018 | SA15_06 | 6.6 | 5.6 | 3.5 |
| SS15_036 | SA15_14 | SS15_022 | SA15_14 | 9.2 | 9.1 | 1.8 |
| SS15_036 | SA15_14 | SS15_023 | SA15_14 | 8.7 | 8.1 | 3.2 |


| SS15_036 | SA15_10 | SS15_023 | SA15_10 | 10.6 | 8.6 | 6.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_036 | SA15_08 | SS15_020 | SA15_08 | 9.6 | 4.5 | 8.5 |
| SS15_036 | SA15_11 | SS15_020 | SA15_11 | 1.7 | 0.6 | 1.6 |
| SS15_036 | Sphere 160 | SS15_027 | Sphere160 | 9.5 | 8.0 | 5.2 |
| SS15_036 | Sphere 160 | SS15_024 | Sphere160 | 11.7 | 11.7 | 1.2 |
| SS15_036 | SA15_14 | SS15_024 | SA15_14 | 7.5 | 7.4 | 0.8 |
| SS15_036 | Sphere 157 | SS15_024 | Sphere256 | 4.9 | 3.1 | 3.8 |
| SS15_036 | SA15_09 | SS15_024 | Sphere257 | 5.6 | 4.1 | 3.8 |
| SS15_036 | Sphere 160 | SS15_025 | Sphere160 | 8.2 | 8.2 | 0.8 |
| SS15_036 | SA15_14 | SS15_025 | SA15_14 | 6.8 | 6.1 | 2.9 |
| SS15_036 | Sphere426 | SS15_025 | Sphere263 | 2.8 | 2.3 | 1.6 |
| SS15_036 | Sphere427 | SS15_026 | Sphere287 | 4.9 | 4.8 | 0.8 |
| SS15_036 | SA15_10 | SS15_026 | Sphere260 | 11.9 | 11.2 | 4.0 |
| SS15_036 | SA15_14 | SS15_026 | SA15_14 | 10.5 | 10.4 | 0.5 |
| SS15_036 | SA15_14 | SS15_030 | Sphere348 | 11.0 | 10.7 | 2.7 |
| SS15_036 | Sphere 160 | SS15_031 | Sphere160 | 9.3 | 9.3 | 0.9 |
| SS15_036 | SA15_14 | SS15_029 | Sphere311 | 13.2 | 12.9 | 3.0 |
| SS15_036 | SA15_06 | SS15_029 | Sphere306 | 15.3 | 13.6 | 7.0 |
| SS15_036 | SA15_06 | SS15_039 | SA15_06 | 10.7 | 10.6 | 1.5 |
| SS15_036 | SA15_14 | SS15_039 | SA15_14 | 3.4 | 2.7 | 2.0 |
| SS15_036 | SA15_14 | SS15_040 | Sphere399 | 15.0 | 13.5 | 6.5 |
| SS15_036 | SA15_14 | SS15_033 | Sphere399 | 6.5 | 5.8 | 3.0 |
| SS15_036 | SA15_06 | SS15_033 | Sphere403 | 7.7 | 5.3 | 5.5 |
| SS15_036 | SA15_11 | SS15_033 | Sphere406 | 16.5 | 16.5 | 0.7 |
| SS15_036 | SA15_14 | SS15_034 | Sphere399 | 5.6 | 5.2 | 2.0 |
| SS15_036 | SA15_06 | SS15_034 | Sphere403 | 8.7 | 7.9 | 3.7 |
| SS15_036 | SA15_11 | SS15_034 | Sphere406 | 13.4 | 13.4 | 0.3 |
| SS15_036 | Sphere426 | SS15_035 | Sphere426 | 1.9 | 1.6 | 1.0 |
| SS15_036 | Sphere 157 | SS15_035 | Sphere157 | 4.8 | 4.1 | 2.5 |
| SS15_036 | Sphere427 | SS15_035 | Sphere427 | 2.6 | 2.6 | 0.1 |
| SS15_036 | SA15_06 | SS15_035 | SA15_06 | 2.2 | 1.3 | 1.8 |
| SS15_036 | Sphere42 | SS15_035 | Sphere42 | 2.4 | 2.2 | 0.8 |
| SS15_036 | SA15_11 | SS15_035 | SA15_11 | 7.8 | 7.2 | 3.1 |
| SS15_036 | SA15_08 | SS15_035 | SA15_08 | 1.5 | 0.1 | 1.5 |
| SS15_036 | SA15_14 | SS15_038 | Sphere399 | 9.0 | 8.5 | 3.0 |
| SS15_036 | SA15_14 | SS15_041 | Sphere399 | 15.1 | 14.5 | 4.4 |
| SS15_036 | SA15_14 | SS15_042 | Sphere399 | 14.2 | 14.2 | 1.0 |
| SS15_036 | SA15_14 | SS15_043 | SA15_14 | 12.9 | 12.6 | 2.6 |
| SS15_036 | SA15_11 | SS15_037 | SA15_11 | 8.6 | 6.7 | 5.3 |
| SS15_036 | SA15_08 | SS15_037 | SA15_08 | 4.9 | 4.6 | 1.6 |


| SS15_036 | Sphere426 | SS15_037 | Sphere426 | 4.3 | 4.0 | 1.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_037 | Sphere 22 | SS15_013 | Sphere22 | 5.7 | 1.7 | 5.4 |
| SS15_037 | Sphere171 | SS15_013 | Sphere171 | 6.0 | 5.9 | 0.6 |
| SS15_037 | SA15_08 | SS15_013 | SA15_08 | 19.3 | 13.8 | 13.5 |
| SS15_037 | SA15_11 | SS15_013 | SA15_11 | 15.0 | 11.6 | 9.4 |
| SS15_037 | SA15_10 | SS15_019 | SA15_10 | 4.9 | 3.2 | 3.8 |
| SS15_037 | Sphere 210 | SS15_019 | Sphere210 | 8.7 | 7.7 | 4.0 |
| SS15_037 | SA15_08 | SS15_019 | SA15_08 | 9.1 | 4.3 | 8.0 |
| SS15_037 | SA15_08 | SS15_015 | SA15_08 | 17.4 | 14.0 | 10.3 |
| SS15_037 | SA15_10 | SS15_021 | SA15_10 | 4.4 | 1.5 | 4.2 |
| SS15_037 | SA15_10 | SS15_022 | SA15_10 | 6.5 | 4.5 | 4.7 |
| SS15_037 | SA15_10 | SS15_023 | SA15_10 | 7.2 | 4.5 | 5.6 |
| SS15_037 | SA15_11 | SS15_020 | SA15_11 | 9.7 | 6.8 | 6.9 |
| SS15_037 | Sphere 22 | SS15_027 | Sphere284 | 8.6 | 6.1 | 6.0 |
| SS15_037 | Sphere210 | SS15_027 | Sphere292 | 13.5 | 12.7 | 4.5 |
| SS15_037 | Sphere420 | SS15_027 | Sphere289 | 9.7 | 9.6 | 1.1 |
| SS15_037 | SA15_10 | SS15_024 | Sphere260 | 6.6 | 5.0 | 4.2 |
| SS15_037 | Sphere 380 | SS15_025 | Sphere267 | 22.3 | 20.3 | 9.2 |
| SS15_037 | SA15_10 | SS15_025 | Sphere260 | 7.8 | 6.6 | 4.1 |
| SS15_037 | Sphere 22 | SS15_026 | Sphere284 | 14.1 | 14.0 | 1.9 |
| SS15_037 | Sphere427 | SS15_026 | Sphere287 | 8.2 | 6.9 | 4.5 |
| SS15_037 | SA15_10 | SS15_026 | Sphere260 | 7.8 | 7.1 | 3.4 |
| SS15_037 | Sphere210 | SS15_030 | Sphere188 | 35.5 | 35.0 | 6.1 |
| SS15_037 | Sphere 22 | SS15_028 | Sphere309 | 5.6 | 2.7 | 4.9 |
| SS15_037 | SA15_10 | SS15_028 | Sphere310 | 10.6 | 9.6 | 4.4 |
| SS15_037 | Sphere 22 | SS15_039 | Sphere22 | 4.8 | 4.4 | 1.9 |
| SS15_037 | Sphere171 | SS15_039 | Sphere171 | 5.0 | 4.9 | 0.7 |
| SS15_037 | SA15_10 | SS15_039 | SA15_10 | 8.9 | 8.7 | 1.8 |
| SS15_037 | SA15_10 | SS15_040 | Sphere400 | 14.2 | 12.7 | 6.3 |
| SS15_037 | SA15_11 | SS15_033 | Sphere406 | 14.4 | 13.1 | 6.1 |
| SS15_037 | SA15_10 | SS15_034 | Sphere400 | 16.8 | 15.0 | 7.6 |
| SS15_037 | SA15_11 | SS15_034 | Sphere406 | 9.6 | 7.8 | 5.7 |
| SS15_037 | SA15_10 | SS15_035 | SA15_10 | 5.5 | 5.4 | 1.1 |
| SS15_037 | Sphere427 | SS15_035 | Sphere427 | 5.9 | 4.7 | 3.5 |
| SS15_037 | Sphere427 | SS15_036 | Sphere427 | 7.7 | 6.7 | 3.7 |
| SS15_037 | SA15_10 | SS15_036 | SA15_10 | 4.2 | 4.2 | 0.6 |
| SS15_038 | Sphere35 | SS15_002 | Sphere35 | 15.1 | 15.1 | 0.4 |
| SS15_038 | Sphere35 | SS15_003 | SA15_01 | 15.6 | 15.6 | 0.8 |
| SS15_038 | Sphere 157 | SS15_004 | Sphere56 | 6.9 | 6.5 | 2.2 |
| SS15_038 | Sphere35 | SS15_006 | Sphere35 | 14.3 | 14.2 | 2.1 |


| SS15_038 | Sphere142 | SS15_011 | Sphere 72 | 7.2 | 7.2 | 0.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_038 | Sphere403 | SS15_013 | SA15_06 | 9.2 | 8.9 | 2.3 |
| SS15_038 | Sphere403 | SS15_018 | SA15_06 | 14.8 | 14.6 | 2.3 |
| SS15_038 | Sphere142 | SS15_021 | Sphere72 | 13.1 | 12.2 | 4.9 |
| SS15_038 | Sphere98 | SS15_021 | Sphere 71 | 15.1 | 14.5 | 4.3 |
| SS15_038 | Sphere399 | SS15_022 | SA15_14 | 13.9 | 13.9 | 1.2 |
| SS15_038 | Sphere142 | SS15_023 | Sphere 72 | 9.6 | 9.5 | 1.5 |
| SS15_038 | Sphere399 | SS15_023 | SA15_14 | 12.1 | 12.1 | 0.2 |
| SS15_038 | Sphere403 | SS15_019 | SA15_06 | 1.9 | 1.2 | 1.5 |
| SS15_038 | Sphere142 | SS15_024 | Sphere72 | 9.1 | 9.1 | 0.9 |
| SS15_038 | Sphere142 | SS15_025 | Sphere 72 | 7.9 | 7.9 | 0.4 |
| SS15_038 | Sphere462 | SS15_025 | SA15_22 | 6.5 | 6.0 | 2.4 |
| SS15_038 | Sphere142 | SS15_030 | Sphere110 | 12.0 | 10.6 | 5.6 |
| SS15_038 | Sphere399 | SS15_030 | Sphere348 | 13.2 | 13.2 | 0.3 |
| SS15_038 | Sphere188 | SS15_028 | Sphere292 | 19.3 | 19.3 | 0.1 |
| SS15_038 | Sphere160 | SS15_028 | Sphere289 | 16.1 | 14.4 | 7.0 |
| SS15_038 | Sphere99 | SS15_028 | Sphere280 | 8.8 | 8.8 | 0.7 |
| SS15_038 | Sphere462 | SS15_028 | Sphere300 | 7.1 | 6.7 | 2.3 |
| SS15_038 | Sphere462 | SS15_029 | Sphere300 | 8.7 | 8.1 | 3.1 |
| SS15_038 | Sphere403 | SS15_029 | Sphere306 | 9.1 | 9.0 | 1.2 |
| SS15_038 | Sphere142 | SS15_029 | Sphere98 | 13.3 | 13.3 | 0.2 |
| SS15_038 | Sphere142 | SS15_039 | Sphere72 | 4.6 | 4.5 | 0.3 |
| SS15_038 | Sphere403 | SS15_039 | SA15_06 | 4.7 | 2.1 | 4.2 |
| SS15_038 | Sphere210 | SS15_040 | Sphere210 | 4.1 | 3.8 | 1.5 |
| SS15_038 | Sphere461 | SS15_040 | Sphere461 | 2.8 | 1.1 | 2.6 |
| SS15_038 | Sphere403 | SS15_040 | Sphere403 | 2.0 | 1.2 | 1.6 |
| SS15_038 | Sphere399 | SS15_040 | Sphere399 | 6.8 | 5.8 | 3.6 |
| SS15_038 | Sphere462 | SS15_040 | Sphere462 | 2.0 | 1.2 | 1.7 |
| SS15_038 | Sphere399 | SS15_033 | Sphere399 | 3.4 | 3.4 | 0.0 |
| SS15_038 | Sphere403 | SS15_033 | Sphere403 | 7.1 | 7.1 | 0.3 |
| SS15_038 | Sphere403 | SS15_034 | Sphere403 | 4.6 | 4.1 | 2.0 |
| SS15_038 | Sphere403 | SS15_035 | SA15_06 | 10.2 | 9.4 | 4.0 |
| SS15_038 | Sphere403 | SS15_036 | SA15_06 | 11.5 | 10.0 | 5.8 |
| SS15_038 | Sphere401 | SS15_037 | SA15_12 | 13.5 | 12.2 | 5.7 |
| SS15_038 | Sphere462 | SS15_044 | SA15_22 | 13.0 | 12.9 | 1.7 |
| SS15_038 | Sphere98 | SS15_044 | Sphere71 | 21.7 | 21.1 | 5.2 |
| SS15_038 | Sphere462 | SS15_041 | Sphere462 | 6.7 | 6.7 | 0.3 |
| SS15_038 | Sphere35 | SS15_041 | Sphere35 | 7.0 | 3.3 | 6.2 |
| SS15_038 | Sphere462 | SS15_042 | Sphere462 | 6.4 | 5.7 | 2.9 |
| SS15_038 | Sphere399 | SS15_042 | Sphere399 | 12.4 | 12.2 | 2.0 |


| SS15_038 | Sphere99 | SS15_042 | Sphere99 | 9.6 | 9.6 | 0.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_038 | Sphere142 | SS15_042 | Sphere142 | 14.4 | 14.3 | 0.8 |
| SS15_038 | Sphere399 | SS15_043 | SA15_14 | 11.9 | 11.9 | 0.4 |
| SS15_038 | Sphere142 | SS15_043 | Sphere72 | 18.9 | 18.8 | 2.0 |
| SS15_038 | Sphere461 | SS15_043 | Sphere506 | 8.7 | 8.7 | 0.3 |
| SS15_038 | Sphere462 | SS15_046 | SA15_22 | 11.8 | 11.8 | 0.2 |
| SS15_038 | Sphere462 | SS15_045 | SA15_22 | 14.3 | 14.3 | 0.0 |
| SS15_038 | Sphere142 | SS15_047 | Sphere72 | 19.8 | 18.9 | 5.8 |
| SS15_039 | SA15_01 | SS15_001 | Sphere35 | 14.4 | 13.5 | 4.9 |
| SS15_039 | SA15_01 | SS15_002 | Sphere35 | 13.9 | 13.5 | 3.5 |
| SS15_039 | SA15_01 | SS15_003 | SA15_01 | 14.7 | 14.2 | 3.9 |
| SS15_039 | SA15_01 | SS15_004 | SA15_01 | 13.3 | 13.0 | 3.0 |
| SS15_039 | Sphere104 | SS15_007 | Sphere104 | 13.1 | 12.4 | 4.2 |
| SS15_039 | SA15_07 | SS15_007 | SA15_07 | 14.3 | 13.7 | 4.2 |
| SS15_039 | SA15_01 | SS15_006 | Sphere35 | 14.5 | 13.6 | 5.2 |
| SS15_039 | Sphere104 | SS15_008 | Sphere104 | 14.5 | 14.5 | 0.9 |
| SS15_039 | SA15_07 | SS15_008 | SA15_07 | 13.9 | 13.3 | 4.0 |
| SS15_039 | SA15_07 | SS15_009 | SA15_07 | 13.9 | 13.4 | 3.6 |
| SS15_039 | SA15_07 | SS15_010 | SA15_07 | 15.0 | 14.4 | 4.1 |
| SS15_039 | Sphere 72 | SS15_011 | Sphere 72 | 10.6 | 10.6 | 0.2 |
| SS15_039 | SA15_07 | SS15_011 | SA15_07 | 5.4 | 2.2 | 4.9 |
| SS15_039 | SA15_10 | SS15_019 | SA15_10 | 6.4 | 6.1 | 2.0 |
| SS15_039 | SA15_07 | SS15_016 | SA15_07 | 9.9 | 8.1 | 5.7 |
| SS15_039 | SA15_07 | SS15_017 | SA15_07 | 10.0 | 9.6 | 2.7 |
| SS15_039 | Sphere104 | SS15_017 | Sphere104 | 19.0 | 18.6 | 3.9 |
| SS15_039 | Sphere104 | SS15_018 | Sphere104 | 17.5 | 17.3 | 3.1 |
| SS15_039 | Sphere 72 | SS15_021 | Sphere 72 | 16.4 | 15.7 | 4.6 |
| SS15_039 | Sphere 71 | SS15_021 | Sphere 71 | 16.4 | 14.4 | 7.8 |
| SS15_039 | SA15_07 | SS15_021 | SA15_07 | 12.8 | 11.8 | 4.9 |
| SS15_039 | Sphere104 | SS15_022 | Sphere104 | 13.9 | 11.6 | 7.7 |
| SS15_039 | SA15_14 | SS15_022 | SA15_14 | 8.0 | 7.0 | 3.8 |
| SS15_039 | SA15_07 | SS15_022 | SA15_07 | 12.5 | 12.1 | 3.0 |
| SS15_039 | Sphere 72 | SS15_023 | Sphere 72 | 12.9 | 12.9 | 1.1 |
| SS15_039 | SA15_14 | SS15_023 | SA15_14 | 8.2 | 6.4 | 5.2 |
| SS15_039 | SA15_10 | SS15_023 | SA15_10 | 6.6 | 5.3 | 3.8 |
| SS15_039 | SA15_07 | SS15_023 | SA15_07 | 9.3 | 8.4 | 4.0 |
| SS15_039 | Sphere 71 | SS15_020 | Sphere 71 | 13.1 | 11.2 | 6.9 |
| SS15_039 | SA15_07 | SS15_020 | SA15_07 | 9.2 | 8.4 | 3.6 |
| SS15_039 | SA15_07 | SS15_027 | SA15_07 | 2.6 | 2.5 | 0.7 |
| SS15_039 | Sphere 22 | SS15_027 | Sphere284 | 8.8 | 7.8 | 4.1 |


| SS15_039 | Sphere420 | SS15_027 | Sphere289 | 8.8 | 8.2 | 3.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_039 | SA15_14 | SS15_024 | SA15_14 | 6.0 | 5.3 | 2.8 |
| SS15_039 | Sphere 72 | SS15_024 | Sphere72 | 12.2 | 12.2 | 0.6 |
| SS15_039 | SA15_07 | SS15_025 | SA15_07 | 4.0 | 3.4 | 2.0 |
| SS15_039 | SA15_14 | SS15_025 | SA15_14 | 6.6 | 4.4 | 4.9 |
| SS15_039 | Sphere 72 | SS15_025 | Sphere72 | 10.8 | 10.8 | 0.1 |
| SS15_039 | SA15_10 | SS15_025 | Sphere260 | 3.7 | 2.9 | 2.3 |
| SS15_039 | SA15_10 | SS15_026 | Sphere260 | 2.6 | 2.1 | 1.5 |
| SS15_039 | SA15_14 | SS15_026 | SA15_14 | 9.1 | 8.7 | 2.6 |
| SS15_039 | Sphere 72 | SS15_030 | Sphere110 | 16.3 | 15.1 | 5.9 |
| SS15_039 | SA15_14 | SS15_030 | Sphere348 | 10.4 | 9.2 | 4.7 |
| SS15_039 | SA15_07 | SS15_030 | Sphere366 | 8.3 | 8.2 | 1.2 |
| SS15_039 | SA15_07 | SS15_031 | SA15_07 | 10.2 | 10.1 | 0.9 |
| SS15_039 | Sphere 22 | SS15_028 | Sphere309 | 3.4 | 1.7 | 3.0 |
| SS15_039 | SA15_10 | SS15_028 | Sphere310 | 3.3 | 2.1 | 2.6 |
| SS15_039 | Sphere221 | SS15_029 | Sphere188 | 26.1 | 25.4 | 5.9 |
| SS15_039 | SA15_07 | SS15_029 | Sphere305 | 7.4 | 7.3 | 1.2 |
| SS15_039 | SA15_12 | SS15_037 | SA15_12 | 14.7 | 14.2 | 3.8 |
| SS15_039 | Sphere420 | SS15_037 | Sphere420 | 5.6 | 5.2 | 2.0 |
| SS15_039 | Sphere425 | SS15_035 | Sphere425 | 9.2 | 9.2 | 0.0 |
| SS15_039 | SA15_07 | SS15_032 | SA15_07 | 7.9 | 7.5 | 2.3 |
| SS15_039 | SA15_07 | SS15_038 | Sphere466 | 3.2 | 0.2 | 3.2 |
| SS15_039 | SA15_12 | SS15_038 | Sphere401 | 3.3 | 2.6 | 2.0 |
| SS15_039 | Sphere 71 | SS15_038 | Sphere98 | 3.8 | 1.3 | 3.6 |
| SS15_039 | SA15_14 | SS15_038 | Sphere399 | 11.8 | 10.7 | 5.0 |
| SS15_039 | SA15_01 | SS15_038 | Sphere35 | 3.7 | 2.0 | 3.1 |
| SS15_039 | SA15_07 | SS15_044 | SA15_07 | 11.8 | 11.2 | 3.7 |
| SS15_039 | Sphere 71 | SS15_044 | Sphere 71 | 23.5 | 21.8 | 8.8 |
| SS15_039 | Sphere 72 | SS15_042 | Sphere142 | 16.9 | 16.9 | 0.5 |
| SS15_039 | SA15_14 | SS15_042 | Sphere399 | 14.3 | 14.0 | 3.0 |
| SS15_039 | Sphere 72 | SS15_043 | Sphere72 | 22.9 | 22.9 | 1.7 |
| SS15_039 | SA15_07 | SS15_043 | SA15_07 | 8.8 | 8.4 | 2.6 |
| SS15_039 | SA15_14 | SS15_043 | SA15_14 | 13.0 | 12.1 | 4.6 |
| SS15_039 | Sphere 72 | SS15_047 | Sphere72 | 23.8 | 23.2 | 5.4 |
| SS15_039 | SA15_07 | SS15_040 | Sphere466 | 4.9 | 1.2 | 4.8 |
| SS15_039 | SA15_01 | SS15_040 | Sphere35 | 9.5 | 6.8 | 6.6 |
| SS15_039 | SA15_14 | SS15_040 | Sphere399 | 17.5 | 15.2 | 8.5 |
| SS15_039 | SA15_14 | SS15_033 | Sphere399 | 9.7 | 8.4 | 5.0 |
| SS15_039 | Sphere 71 | SS15_034 | Sphere98 | 5.7 | 1.2 | 5.6 |
| SS15_039 | SA15_10 | SS15_034 | Sphere400 | 11.9 | 10.4 | 5.8 |


| SS15_039 | SA15_10 | SS15_036 | SA15_10 | 12.9 | 12.6 | 2.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_039 | SA15_07 | SS15_041 | Sphere466 | 6.9 | 5.2 | 4.5 |
| SS15_039 | SA15_01 | SS15_041 | Sphere35 | 10.3 | 4.4 | 9.3 |
| SS15_040 | Sphere35 | SS15_001 | Sphere35 | 16.7 | 16.6 | 1.7 |
| SS15_040 | Sphere35 | SS15_002 | Sphere35 | 17.1 | 16.8 | 3.1 |
| SS15_040 | Sphere37 | SS15_002 | Sphere 37 | 14.0 | 13.7 | 3.1 |
| SS15_040 | Sphere35 | SS15_003 | SA15_01 | 16.6 | 16.4 | 2.7 |
| SS15_040 | Sphere28 | SS15_004 | Sphere61 | 4.9 | 4.3 | 2.4 |
| SS15_040 | Sphere474 | SS15_005 | Sphere70 | 22.6 | 18.0 | 13.6 |
| SS15_040 | Sphere466 | SS15_007 | SA15_07 | 12.7 | 12.6 | 0.5 |
| SS15_040 | Sphere35 | SS15_006 | Sphere35 | 12.8 | 12.7 | 1.5 |
| SS15_040 | Sphere79 | SS15_006 | Sphere79 | 3.6 | 3.6 | 0.3 |
| SS15_040 | Sphere466 | SS15_008 | SA15_07 | 12.2 | 12.1 | 0.7 |
| SS15_040 | Sphere466 | SS15_009 | SA15_07 | 12.7 | 12.7 | 1.1 |
| SS15_040 | Sphere466 | SS15_010 | SA15_07 | 13.7 | 13.7 | 0.6 |
| SS15_040 | Sphere466 | SS15_011 | SA15_07 | 1.3 | 1.3 | 0.1 |
| SS15_040 | Sphere403 | SS15_013 | SA15_06 | 10.1 | 10.0 | 0.7 |
| SS15_040 | Sphere400 | SS15_019 | SA15_10 | 11.6 | 11.3 | 2.5 |
| SS15_040 | Sphere466 | SS15_016 | SA15_07 | 8.6 | 8.5 | 0.9 |
| SS15_040 | Sphere466 | SS15_017 | SA15_07 | 10.0 | 9.8 | 2.0 |
| SS15_040 | Sphere403 | SS15_018 | SA15_06 | 16.0 | 15.5 | 3.9 |
| SS15_040 | Sphere466 | SS15_021 | SA15_07 | 11.7 | 11.7 | 0.1 |
| SS15_040 | Sphere466 | SS15_022 | SA15_07 | 12.2 | 12.1 | 1.7 |
| SS15_040 | Sphere399 | SS15_023 | SA15_14 | 14.7 | 14.3 | 3.4 |
| SS15_040 | Sphere400 | SS15_023 | SA15_10 | 11.1 | 11.1 | 0.7 |
| SS15_040 | Sphere466 | SS15_023 | SA15_07 | 8.8 | 8.8 | 0.7 |
| SS15_040 | Sphere466 | SS15_020 | SA15_07 | 8.8 | 8.7 | 1.2 |
| SS15_040 | Sphere466 | SS15_025 | SA15_07 | 5.2 | 4.4 | 2.8 |
| SS15_040 | Sphere400 | SS15_025 | Sphere260 | 9.4 | 9.2 | 2.2 |
| SS15_040 | Sphere400 | SS15_026 | Sphere260 | 8.8 | 8.3 | 2.9 |
| SS15_040 | Sphere466 | SS15_030 | Sphere366 | 9.2 | 7.0 | 6.0 |
| SS15_040 | Sphere466 | SS15_031 | SA15_07 | 9.7 | 8.9 | 3.9 |
| SS15_040 | Sphere276 | SS15_028 | Sphere318 | 10.2 | 9.9 | 2.7 |
| SS15_040 | Sphere462 | SS15_028 | Sphere300 | 8.5 | 7.6 | 3.9 |
| SS15_040 | Sphere400 | SS15_028 | Sphere310 | 4.9 | 4.5 | 1.8 |
| SS15_040 | Sphere403 | SS15_029 | Sphere306 | 8.5 | 8.5 | 0.4 |
| SS15_040 | Sphere466 | SS15_029 | Sphere305 | 7.1 | 6.1 | 3.6 |
| SS15_040 | Sphere403 | SS15_039 | SA15_06 | 6.0 | 1.6 | 5.8 |
| SS15_040 | Sphere400 | SS15_039 | SA15_10 | 7.9 | 6.6 | 4.5 |
| SS15_040 | Sphere28 | SS15_038 | Sphere 28 | 14.0 | 12.2 | 6.9 |


| SS15_040 | Sphere35 | SS15_038 | Sphere35 | 6.3 | 5.3 | 3.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_040 | Sphere466 | SS15_038 | Sphere466 | 1.9 | 1.0 | 1.6 |
| SS15_040 | Sphere276 | SS15_041 | Sphere276 | 14.2 | 13.6 | 4.0 |
| SS15_040 | Sphere37 | SS15_041 | Sphere37 | 13.8 | 13.5 | 3.0 |
| SS15_040 | Sphere 35 | SS15_041 | Sphere35 | 3.6 | 2.5 | 2.6 |
| SS15_040 | Sphere466 | SS15_041 | Sphere466 | 4.0 | 4.0 | 0.2 |
| SS15_040 | Sphere462 | SS15_042 | Sphere462 | 6.5 | 4.6 | 4.6 |
| SS15_040 | Sphere399 | SS15_043 | SA15_14 | 11.7 | 11.0 | 4.0 |
| SS15_040 | Sphere466 | SS15_043 | SA15_07 | 7.5 | 7.2 | 2.2 |
| SS15_040 | Sphere403 | SS15_033 | Sphere403 | 8.6 | 8.4 | 1.8 |
| SS15_040 | Sphere400 | SS15_034 | Sphere400 | 4.3 | 4.1 | 1.3 |
| SS15_040 | Sphere403 | SS15_034 | Sphere403 | 6.4 | 5.3 | 3.6 |
| SS15_040 | Sphere403 | SS15_035 | SA15_06 | 11.9 | 10.5 | 5.6 |
| SS15_040 | Sphere400 | SS15_036 | SA15_10 | 17.1 | 15.7 | 6.9 |
| SS15_040 | Sphere403 | SS15_036 | SA15_06 | 13.3 | 11.1 | 7.3 |
| SS15_040 | Sphere466 | SS15_032 | SA15_07 | 6.7 | 6.3 | 2.4 |
| SS15_040 | Sphere466 | SS15_044 | SA15_07 | 10.1 | 10.0 | 1.0 |
| SS15_040 | Sphere462 | SS15_044 | SA15_22 | 13.4 | 13.4 | 0.1 |
| SS15_041 | Sphere35 | SS15_002 | Sphere35 | 15.8 | 14.8 | 5.8 |
| SS15_041 | Sphere 37 | SS15_002 | Sphere37 | 20.2 | 20.2 | 0.0 |
| SS15_041 | Sphere76 | SS15_004 | Sphere57 | 19.7 | 19.7 | 1.3 |
| SS15_041 | Sphere472 | SS15_005 | Sphere69 | 35.9 | 35.8 | 2.0 |
| SS15_041 | Sphere 76 | SS15_006 | Sphere76 | 12.3 | 12.3 | 0.4 |
| SS15_041 | Sphere466 | SS15_009 | SA15_07 | 10.9 | 10.8 | 0.9 |
| SS15_041 | Sphere466 | SS15_011 | SA15_07 | 3.4 | 3.4 | 0.3 |
| SS15_041 | Sphere 98 | SS15_021 | Sphere 71 | 21.4 | 21.2 | 3.1 |
| SS15_041 | Sphere399 | SS15_022 | SA15_14 | 12.2 | 11.9 | 2.6 |
| SS15_041 | Sphere466 | SS15_022 | SA15_07 | 12.8 | 12.7 | 1.5 |
| SS15_041 | Sphere399 | SS15_023 | SA15_14 | 10.5 | 10.4 | 1.2 |
| SS15_041 | Sphere466 | SS15_023 | SA15_07 | 10.7 | 10.7 | 0.5 |
| SS15_041 | Sphere98 | SS15_020 | Sphere 71 | 20.6 | 20.5 | 2.2 |
| SS15_041 | Sphere76 | SS15_020 | Sphere57 | 26.8 | 26.5 | 4.4 |
| SS15_041 | Sphere399 | SS15_024 | SA15_14 | 12.9 | 12.3 | 3.6 |
| SS15_041 | Sphere466 | SS15_025 | SA15_07 | 8.4 | 8.0 | 2.5 |
| SS15_041 | Sphere399 | SS15_025 | SA15_14 | 11.5 | 11.4 | 1.5 |
| SS15_041 | Sphere462 | SS15_025 | SA15_22 | 13.0 | 12.7 | 2.7 |
| SS15_041 | Sphere399 | SS15_026 | SA15_14 | 11.0 | 10.3 | 3.8 |
| SS15_041 | Sphere399 | SS15_030 | Sphere348 | 9.0 | 8.8 | 1.7 |
| SS15_041 | Sphere466 | SS15_030 | Sphere366 | 6.5 | 3.0 | 5.8 |
| SS15_041 | Sphere276 | SS15_028 | Sphere318 | 4.0 | 3.8 | 1.2 |


| SS15_041 | Sphere89 | SS15_028 | Sphere320 | 6.8 | 4.9 | 4.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_041 | Sphere462 | SS15_028 | Sphere300 | 13.2 | 13.0 | 2.0 |
| SS15_041 | Sphere462 | SS15_029 | Sphere300 | 15.0 | 14.7 | 2.8 |
| SS15_041 | Sphere89 | SS15_029 | Sphere320 | 10.5 | 9.6 | 4.4 |
| SS15_041 | Sphere466 | SS15_029 | Sphere305 | 4.0 | 2.2 | 3.4 |
| SS15_041 | Sphere98 | SS15_039 | Sphere 71 | 16.3 | 15.6 | 4.7 |
| SS15_041 | Sphere399 | SS15_039 | SA15_14 | 16.1 | 14.7 | 6.4 |
| SS15_041 | Sphere461 | SS15_040 | Sphere461 | 4.5 | 3.0 | 3.3 |
| SS15_041 | Sphere399 | SS15_040 | Sphere399 | 8.5 | 8.3 | 2.2 |
| SS15_041 | Sphere462 | SS15_040 | Sphere462 | 5.9 | 5.6 | 2.0 |
| SS15_041 | Sphere466 | SS15_032 | SA15_07 | 3.2 | 2.3 | 2.2 |
| SS15_041 | Sphere399 | SS15_033 | Sphere399 | 13.4 | 13.3 | 1.4 |
| SS15_041 | Sphere399 | SS15_034 | Sphere399 | 13.8 | 13.6 | 2.4 |
| SS15_041 | Sphere98 | SS15_034 | Sphere98 | 16.6 | 16.6 | 0.9 |
| SS15_041 | Sphere98 | SS15_038 | Sphere98 | 14.4 | 14.3 | 1.2 |
| SS15_041 | Sphere399 | SS15_038 | Sphere399 | 11.1 | 11.1 | 1.4 |
| SS15_041 | Sphere466 | SS15_038 | Sphere466 | 5.2 | 5.0 | 1.3 |
| SS15_041 | Sphere461 | SS15_038 | Sphere461 | 2.1 | 2.0 | 0.7 |
| SS15_041 | Sphere98 | SS15_044 | Sphere71 | 18.3 | 17.9 | 4.1 |
| SS15_041 | Sphere491 | SS15_044 | Sphere513 | 11.7 | 11.3 | 2.9 |
| SS15_041 | Sphere462 | SS15_044 | SA15_22 | 15.2 | 15.1 | 2.0 |
| SS15_041 | Sphere57 | SS15_042 | Sphere57 | 4.0 | 4.0 | 0.8 |
| SS15_041 | Sphere462 | SS15_042 | Sphere462 | 2.8 | 1.1 | 2.6 |
| SS15_041 | Sphere385 | SS15_042 | Sphere385 | 1.0 | 0.8 | 0.6 |
| SS15_041 | Sphere399 | SS15_042 | Sphere399 | 4.1 | 2.4 | 3.4 |
| SS15_041 | Sphere 89 | SS15_042 | Sphere89 | 3.9 | 3.8 | 0.9 |
| SS15_041 | Sphere335 | SS15_049 | Sphere575 | 4.7 | 3.9 | 2.6 |
| SS15_041 | Sphere491 | SS15_049 | Sphere513 | 12.1 | 7.3 | 9.6 |
| SS15_041 | Sphere 89 | SS15_049 | Sphere389 | 19.5 | 17.2 | 9.1 |
| SS15_041 | Sphere89 | SS15_051 | Sphere389 | 19.0 | 16.7 | 9.0 |
| SS15_041 | Sphere461 | SS15_043 | Sphere506 | 8.1 | 8.1 | 0.4 |
| SS15_041 | Sphere491 | SS15_043 | Sphere513 | 8.4 | 8.3 | 0.5 |
| SS15_041 | Sphere487 | SS15_043 | Sphere509 | 6.2 | 5.8 | 2.2 |
| SS15_041 | Sphere466 | SS15_043 | SA15_07 | 3.8 | 3.2 | 2.0 |
| SS15_041 | Sphere399 | SS15_043 | SA15_14 | 4.5 | 4.2 | 1.8 |
| SS15_041 | Sphere491 | SS15_047 | Sphere513 | 13.1 | 12.3 | 4.6 |
| SS15_041 | Sphere491 | SS15_045 | Sphere513 | 12.4 | 11.9 | 3.7 |
| SS15_041 | Sphere462 | SS15_045 | SA15_22 | 15.8 | 15.8 | 0.3 |
| SS15_041 | Sphere487 | SS15_050 | Sphere509 | 12.3 | 10.2 | 6.9 |
| SS15_041 | Sphere491 | SS15_052 | SA15_28 | 15.0 | 13.0 | 7.4 |


| SS15_041 | Sphere462 | SS15_046 | SA15_22 | 15.0 | 15.0 | 0.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_042 | Sphere37 | SS15_002 | Sphere37 | 18.5 | 18.5 | 0.3 |
| SS15_042 | Sphere502 | SS15_005 | Sphere39 | 22.1 | 22.1 | 0.9 |
| SS15_042 | Sphere138 | SS15_007 | Sphere89 | 9.4 | 9.1 | 2.3 |
| SS15_042 | Sphere142 | SS15_011 | Sphere72 | 18.7 | 18.7 | 0.4 |
| SS15_042 | Sphere142 | SS15_021 | Sphere72 | 21.7 | 21.3 | 4.1 |
| SS15_042 | Sphere98 | SS15_021 | Sphere71 | 20.5 | 19.5 | 6.5 |
| SS15_042 | Sphere142 | SS15_023 | Sphere 72 | 20.0 | 20.0 | 0.6 |
| SS15_042 | Sphere399 | SS15_023 | SA15_14 | 9.2 | 8.9 | 2.2 |
| SS15_042 | Sphere98 | SS15_020 | Sphere 71 | 20.1 | 19.3 | 5.6 |
| SS15_042 | Sphere142 | SS15_024 | Sphere72 | 20.4 | 20.4 | 0.1 |
| SS15_042 | Sphere142 | SS15_025 | Sphere72 | 20.0 | 20.0 | 0.4 |
| SS15_042 | Sphere496 | SS15_026 | Sphere276 | 6.4 | 6.3 | 1.0 |
| SS15_042 | Sphere142 | SS15_030 | Sphere110 | 13.6 | 12.0 | 6.4 |
| SS15_042 | Sphere138 | SS15_031 | Sphere89 | 6.8 | 6.8 | 0.1 |
| SS15_042 | Sphere276 | SS15_028 | Sphere318 | 3.3 | 2.4 | 2.3 |
| SS15_042 | Sphere110 | SS15_029 | Sphere72 | 4.3 | 4.0 | 1.5 |
| SS15_042 | Sphere89 | SS15_029 | Sphere320 | 7.4 | 6.5 | 3.5 |
| SS15_042 | Sphere364 | SS15_029 | Sphere99 | 8.1 | 7.9 | 1.8 |
| SS15_042 | Sphere364 | SS15_039 | Sphere382 | 11.5 | 10.2 | 5.3 |
| SS15_042 | Sphere98 | SS15_039 | Sphere71 | 16.7 | 16.6 | 1.3 |
| SS15_042 | Sphere276 | SS15_040 | Sphere276 | 13.1 | 12.1 | 5.0 |
| SS15_042 | Sphere461 | SS15_040 | Sphere461 | 9.3 | 5.8 | 7.2 |
| SS15_042 | Sphere 37 | SS15_040 | Sphere37 | 8.9 | 8.2 | 3.4 |
| SS15_042 | Sphere399 | SS15_040 | Sphere399 | 11.7 | 10.3 | 5.6 |
| SS15_042 | Sphere364 | SS15_032 | Sphere382 | 15.6 | 14.9 | 4.8 |
| SS15_042 | Sphere138 | SS15_032 | Sphere89 | 6.8 | 6.7 | 1.1 |
| SS15_042 | Sphere399 | SS15_033 | Sphere399 | 14.1 | 14.0 | 2.0 |
| SS15_042 | Sphere98 | SS15_034 | Sphere98 | 18.0 | 17.5 | 4.3 |
| SS15_042 | Sphere98 | SS15_038 | Sphere98 | 15.6 | 15.4 | 2.3 |
| SS15_042 | Sphere461 | SS15_038 | Sphere461 | 7.1 | 5.3 | 4.6 |
| SS15_042 | Sphere98 | SS15_044 | Sphere71 | 16.3 | 14.5 | 7.5 |
| SS15_042 | Sphere335 | SS15_041 | Sphere335 | 2.1 | 2.1 | 0.1 |
| SS15_042 | Sphere98 | SS15_041 | Sphere98 | 5.0 | 3.7 | 3.4 |
| SS15_042 | Sphere461 | SS15_041 | Sphere461 | 6.4 | 5.1 | 3.9 |
| SS15_042 | Sphere 37 | SS15_041 | Sphere37 | 6.1 | 6.1 | 0.4 |
| SS15_042 | Sphere 91 | SS15_041 | Sphere91 | 2.1 | 2.0 | 0.5 |
| SS15_042 | Sphere276 | SS15_041 | Sphere276 | 2.8 | 2.5 | 1.1 |
| SS15_042 | Sphere 72 | SS15_041 | Sphere 72 | 2.7 | 2.6 | 0.8 |
| SS15_042 | Sphere138 | SS15_043 | Sphere89 | 4.4 | 4.4 | 0.6 |


| SS15_042 | Sphere364 | SS15_043 | Sphere382 | 19.7 | 19.3 | 3.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_042 | Sphere142 | SS15_043 | Sphere 72 | 10.2 | 10.1 | 1.2 |
| SS15_042 | Sphere399 | SS15_043 | SA15_14 | 2.7 | 2.2 | 1.6 |
| SS15_042 | Sphere461 | SS15_043 | Sphere506 | 5.5 | 3.4 | 4.4 |
| SS15_042 | Sphere138 | SS15_052 | Sphere89 | 10.4 | 9.2 | 4.9 |
| SS15_042 | Sphere142 | SS15_047 | Sphere72 | 13.3 | 12.4 | 4.9 |
| SS15_042 | Sphere 98 | SS15_047 | Sphere 71 | 15.9 | 14.1 | 7.3 |
| SS15_042 | Sphere110 | SS15_047 | Sphere385 | 10.6 | 4.5 | 9.6 |
| SS15_042 | Sphere89 | SS15_049 | Sphere389 | 17.3 | 15.3 | 8.2 |
| SS15_042 | Sphere335 | SS15_049 | Sphere575 | 4.1 | 3.2 | 2.6 |
| SS15_042 | Sphere89 | SS15_051 | Sphere389 | 17.3 | 15.3 | 8.1 |
| SS15_043 | Sphere67 | SS15_005 | Sphere67 | 23.0 | 22.7 | 3.3 |
| SS15_043 | Sphere68 | SS15_005 | Sphere68 | 27.1 | 26.9 | 2.4 |
| SS15_043 | Sphere89 | SS15_007 | Sphere89 | 7.3 | 6.7 | 3.0 |
| SS15_043 | Sphere84 | SS15_007 | Sphere84 | 5.6 | 5.6 | 0.7 |
| SS15_043 | Sphere 98 | SS15_008 | Sphere 98 | 3.0 | 2.9 | 1.0 |
| SS15_043 | Sphere84 | SS15_008 | Sphere84 | 6.0 | 5.6 | 2.4 |
| SS15_043 | Sphere 72 | SS15_011 | Sphere72 | 19.5 | 19.4 | 1.5 |
| SS15_043 | SA15_17 | SS15_011 | SA15_17 | 13.1 | 13.1 | 0.8 |
| SS15_043 | SA15_07 | SS15_011 | SA15_07 | 7.1 | 6.7 | 2.3 |
| SS15_043 | Sphere 76 | SS15_016 | Sphere76 | 22.6 | 21.9 | 5.4 |
| SS15_043 | Sphere64 | SS15_017 | Sphere64 | 22.5 | 22.4 | 2.3 |
| SS15_043 | Sphere98 | SS15_021 | Sphere98 | 7.7 | 7.7 | 0.1 |
| SS15_043 | Sphere 71 | SS15_021 | Sphere71 | 16.9 | 16.7 | 2.4 |
| SS15_043 | Sphere 98 | SS15_022 | Sphere98 | 6.9 | 6.9 | 0.2 |
| SS15_043 | Sphere243 | SS15_022 | Sphere243 | 11.4 | 10.7 | 4.1 |
| SS15_043 | Sphere 71 | SS15_023 | Sphere71 | 17.0 | 16.9 | 1.1 |
| SS15_043 | Sphere 71 | SS15_020 | Sphere71 | 18.8 | 18.7 | 1.5 |
| SS15_043 | Sphere84 | SS15_020 | Sphere84 | 16.7 | 16.4 | 2.7 |
| SS15_043 | SA15_22 | SS15_027 | SA15_22 | 16.8 | 16.0 | 5.1 |
| SS15_043 | Sphere 98 | SS15_025 | Sphere98 | 8.6 | 8.6 | 0.6 |
| SS15_043 | SA15_07 | SS15_025 | SA15_07 | 10.8 | 10.8 | 0.6 |
| SS15_043 | SA15_22 | SS15_025 | SA15_22 | 16.4 | 16.4 | 0.1 |
| SS15_043 | Sphere 71 | SS15_026 | Sphere 71 | 18.0 | 17.1 | 5.8 |
| SS15_043 | SA15_22 | SS15_026 | SA15_22 | 15.6 | 15.0 | 4.2 |
| SS15_043 | Sphere273 | SS15_026 | Sphere273 | 2.4 | 2.1 | 1.0 |
| SS15_043 | Sphere275 | SS15_026 | Sphere275 | 3.3 | 3.1 | 1.2 |
| SS15_043 | Sphere335 | SS15_031 | Sphere335 | 1.7 | 1.5 | 0.9 |
| SS15_043 | Sphere89 | SS15_031 | Sphere89 | 4.1 | 4.0 | 0.7 |
| SS15_043 | Sphere490 | SS15_028 | Sphere150 | 9.0 | 9.0 | 0.0 |


| SS15_043 | Sphere 510 | SS15_028 | Sphere322 | 21.6 | 21.6 | 1.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_043 | SA15_22 | SS15_028 | Sphere300 | 19.2 | 18.7 | 4.5 |
| SS15_043 | SA15_22 | SS15_029 | Sphere300 | 18.1 | 17.3 | 5.4 |
| SS15_043 | Sphere394 | SS15_029 | Sphere339 | 3.2 | 3.1 | 0.7 |
| SS15_043 | Sphere273 | SS15_029 | Sphere144 | 1.5 | 1.0 | 1.2 |
| SS15_043 | Sphere275 | SS15_029 | Sphere90 | 7.1 | 5.9 | 3.9 |
| SS15_043 | Sphere382 | SS15_039 | Sphere382 | 11.8 | 11.7 | 1.7 |
| SS15_043 | Sphere 71 | SS15_039 | Sphere71 | 22.9 | 22.2 | 5.4 |
| SS15_043 | Sphere506 | SS15_040 | Sphere461 | 9.6 | 9.2 | 2.9 |
| SS15_043 | SA15_22 | SS15_040 | Sphere462 | 14.8 | 14.7 | 0.6 |
| SS15_043 | SA15_07 | SS15_032 | SA15_07 | 1.5 | 1.4 | 0.2 |
| SS15_043 | Sphere273 | SS15_032 | Sphere273 | 2.1 | 2.0 | 0.8 |
| SS15_043 | Sphere394 | SS15_032 | Sphere394 | 1.4 | 1.2 | 0.7 |
| SS15_043 | Sphere89 | SS15_032 | Sphere89 | 2.4 | 2.3 | 0.4 |
| SS15_043 | Sphere335 | SS15_032 | Sphere335 | 1.7 | 1.6 | 0.8 |
| SS15_043 | Sphere 71 | SS15_034 | Sphere98 | 22.7 | 22.7 | 0.2 |
| SS15_043 | SA15_22 | SS15_038 | Sphere462 | 14.6 | 14.4 | 2.3 |
| SS15_043 | Sphere 71 | SS15_038 | Sphere98 | 21.4 | 21.3 | 1.9 |
| SS15_043 | SA15_07 | SS15_038 | Sphere466 | 8.2 | 8.2 | 0.6 |
| SS15_043 | SA15_25 | SS15_044 | SA15_25 | 5.6 | 3.3 | 4.5 |
| SS15_043 | Sphere 71 | SS15_044 | Sphere 71 | 6.1 | 5.1 | 3.4 |
| SS15_043 | SA15_23 | SS15_044 | SA15_23 | 12.0 | 11.9 | 1.6 |
| SS15_043 | SA15_22 | SS15_044 | SA15_22 | 2.5 | 2.5 | 0.5 |
| SS15_043 | Sphere 71 | SS15_041 | Sphere98 | 14.6 | 14.6 | 0.7 |
| SS15_043 | SA15_22 | SS15_041 | Sphere462 | 15.8 | 15.5 | 2.6 |
| SS15_043 | Sphere524 | SS15_041 | Sphere72 | 3.8 | 3.6 | 1.3 |
| SS15_043 | SA15_22 | SS15_042 | Sphere462 | 16.5 | 15.6 | 5.2 |
| SS15_043 | Sphere 71 | SS15_042 | Sphere98 | 11.7 | 10.9 | 4.1 |
| SS15_043 | Sphere524 | SS15_042 | Sphere72 | 1.9 | 1.9 | 0.5 |
| SS15_043 | Sphere 71 | SS15_047 | Sphere 71 | 5.7 | 4.7 | 3.2 |
| SS15_043 | SA15_23 | SS15_047 | SA15_23 | 13.8 | 13.3 | 3.8 |
| SS15_043 | SA15_17 | SS15_047 | SA15_17 | 5.5 | 5.3 | 1.4 |
| SS15_043 | SA15_17 | SS15_048 | SA15_17 | 5.6 | 5.6 | 0.2 |
| SS15_043 | Sphere335 | SS15_048 | Sphere 335 | 8.8 | 7.4 | 4.7 |
| SS15_043 | Sphere243 | SS15_049 | Sphere243 | 5.6 | 2.2 | 5.2 |
| SS15_043 | SA15_22 | SS15_049 | SA15_22 | 9.2 | 9.1 | 1.0 |
| SS15_043 | Sphere508 | SS15_050 | Sphere508 | 33.5 | 32.2 | 9.4 |
| SS15_043 | Sphere509 | SS15_050 | Sphere509 | 8.2 | 6.7 | 4.7 |
| SS15_043 | SA15_23 | SS15_051 | SA15_23 | 11.4 | 10.4 | 4.9 |
| SS15_043 | SA15_23 | SS15_052 | SA15_23 | 13.0 | 12.0 | 5.0 |


| SS15_043 | Sphere89 | SS15_052 | Sphere89 | 12.6 | 11.3 | 5.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_043 | Sphere 335 | SS15_052 | Sphere335 | 9.5 | 8.1 | 5.1 |
| SS15_043 | SA15_25 | SS15_052 | SA15_25 | 7.0 | 7.0 | 0.2 |
| SS15_043 | SA15_23 | SS15_045 | SA15_23 | 13.3 | 13.3 | 0.4 |
| SS15_043 | SA15_22 | SS15_045 | SA15_22 | 2.4 | 0.8 | 2.3 |
| SS15_043 | SA15_22 | SS15_046 | SA15_22 | 5.4 | 5.0 | 2.1 |
| SS15_043 | Sphere84 | SS15_046 | Sphere84 | 7.8 | 2.9 | 7.3 |
| SS15_043 | SA15_25 | SS15_053 | SA15_25 | 7.1 | 7.1 | 0.5 |
| SS15_043 | Sphere 98 | SS15_054 | Sphere98 | 5.8 | 2.8 | 5.0 |
| SS15_043 | Sphere97 | SS15_054 | Sphere97 | 12.9 | 10.4 | 7.6 |
| SS15_044 | Sphere60 | SS15_004 | Sphere60 | 29.7 | 28.3 | 8.9 |
| SS15_044 | Sphere72 | SS15_005 | Sphere72 | 23.2 | 23.2 | 1.0 |
| SS15_044 | Sphere 90 | SS15_007 | Sphere 90 | 5.5 | 4.8 | 2.7 |
| SS15_044 | SA15_07 | SS15_007 | SA15_07 | 4.1 | 4.0 | 0.5 |
| SS15_044 | Sphere97 | SS15_010 | Sphere97 | 12.1 | 11.1 | 4.9 |
| SS15_044 | Sphere142 | SS15_010 | Sphere142 | 7.3 | 5.2 | 5.1 |
| SS15_044 | Sphere114 | SS15_008 | Sphere114 | 4.2 | 3.7 | 1.8 |
| SS15_044 | SA15_07 | SS15_009 | SA15_07 | 8.1 | 8.1 | 0.1 |
| SS15_044 | Sphere 72 | SS15_011 | Sphere 72 | 18.9 | 18.0 | 5.8 |
| SS15_044 | SA15_17 | SS15_011 | SA15_17 | 13.8 | 13.8 | 1.0 |
| SS15_044 | Sphere 150 | SS15_011 | Sphere150 | 8.6 | 8.6 | 1.0 |
| SS15_044 | Sphere 114 | SS15_011 | Sphere114 | 11.2 | 11.1 | 1.5 |
| SS15_044 | Sphere144 | SS15_011 | Sphere144 | 5.6 | 5.4 | 1.1 |
| SS15_044 | SA15_07 | SS15_011 | SA15_07 | 9.7 | 9.7 | 1.1 |
| SS15_044 | Sphere 72 | SS15_021 | Sphere72 | 16.0 | 16.0 | 1.4 |
| SS15_044 | SA15_07 | SS15_021 | SA15_07 | 13.0 | 13.0 | 1.1 |
| SS15_044 | SA15_07 | SS15_022 | SA15_07 | 13.6 | 13.6 | 0.7 |
| SS15_044 | Sphere 72 | SS15_022 | Sphere72 | 17.6 | 17.1 | 4.1 |
| SS15_044 | Sphere144 | SS15_023 | Sphere144 | 8.4 | 8.4 | 0.5 |
| SS15_044 | Sphere 72 | SS15_023 | Sphere 72 | 17.9 | 17.3 | 4.8 |
| SS15_044 | SA15_07 | SS15_023 | SA15_07 | 13.8 | 13.8 | 0.3 |
| SS15_044 | Sphere97 | SS15_023 | Sphere97 | 9.8 | 8.9 | 4.1 |
| SS15_044 | Sphere144 | SS15_019 | Sphere144 | 9.2 | 9.0 | 1.9 |
| SS15_044 | Sphere 72 | SS15_027 | Sphere72 | 22.7 | 20.9 | 9.0 |
| SS15_044 | Sphere144 | SS15_024 | Sphere144 | 7.6 | 7.3 | 2.2 |
| SS15_044 | Sphere 72 | SS15_024 | Sphere 72 | 19.2 | 18.4 | 5.4 |
| SS15_044 | SA15_07 | SS15_025 | SA15_07 | 13.4 | 13.2 | 1.7 |
| SS15_044 | Sphere 72 | SS15_025 | Sphere 72 | 20.1 | 19.2 | 5.9 |
| SS15_044 | Sphere 72 | SS15_026 | Sphere72 | 20.6 | 17.8 | 10.4 |
| SS15_044 | Sphere 72 | SS15_030 | Sphere110 | 15.4 | 9.8 | 11.9 |


| SS15_044 | SA15_07 | SS15_030 | Sphere366 | 6.0 | 3.4 | 5.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_044 | Sphere 122 | SS15_030 | Sphere368 | 7.3 | 2.4 | 7.0 |
| SS15_044 | Sphere114 | SS15_031 | Sphere114 | 11.7 | 10.8 | 4.4 |
| SS15_044 | Sphere 150 | SS15_031 | Sphere150 | 5.1 | 4.3 | 2.7 |
| SS15_044 | SA15_22 | SS15_028 | Sphere300 | 17.1 | 16.6 | 4.0 |
| SS15_044 | Sphere97 | SS15_029 | Sphere340 | 2.6 | 1.7 | 2.0 |
| SS15_044 | Sphere 72 | SS15_029 | Sphere98 | 16.9 | 15.6 | 6.5 |
| SS15_044 | SA15_07 | SS15_029 | Sphere305 | 5.5 | 4.9 | 2.6 |
| SS15_044 | Sphere 72 | SS15_039 | Sphere72 | 25.7 | 25.0 | 6.0 |
| SS15_044 | Sphere97 | SS15_032 | Sphere97 | 5.0 | 2.9 | 4.1 |
| SS15_044 | SA15_07 | SS15_032 | SA15_07 | 4.7 | 4.5 | 1.4 |
| SS15_044 | Sphere 72 | SS15_032 | Sphere72 | 13.5 | 11.6 | 6.8 |
| SS15_044 | SA15_07 | SS15_038 | Sphere466 | 11.0 | 11.0 | 0.6 |
| SS15_044 | Sphere72 | SS15_038 | Sphere142 | 21.4 | 20.4 | 6.3 |
| SS15_044 | Sphere97 | SS15_043 | Sphere97 | 2.4 | 0.3 | 2.4 |
| SS15_044 | Sphere 96 | SS15_043 | Sphere96 | 9.3 | 9.3 | 0.3 |
| SS15_044 | SA15_17 | SS15_043 | SA15_17 | 5.2 | 5.2 | 0.2 |
| SS15_044 | Sphere 72 | SS15_043 | Sphere72 | 9.2 | 8.1 | 4.3 |
| SS15_044 | Sphere513 | SS15_043 | Sphere513 | 5.8 | 4.6 | 3.5 |
| SS15_044 | SA15_07 | SS15_043 | SA15_07 | 3.3 | 3.1 | 1.2 |
| SS15_044 | Sphere97 | SS15_046 | Sphere97 | 3.9 | 2.5 | 3.0 |
| SS15_044 | SA15_24 | SS15_046 | SA15_24 | 5.6 | 5.5 | 1.0 |
| SS15_044 | Sphere 122 | SS15_046 | Sphere122 | 17.9 | 14.8 | 10.1 |
| SS15_044 | SA15_24 | SS15_047 | SA15_24 | 6.6 | 5.5 | 3.7 |
| SS15_044 | SA15_17 | SS15_047 | SA15_17 | 1.4 | 0.7 | 1.2 |
| SS15_044 | Sphere 72 | SS15_047 | Sphere72 | 5.3 | 5.2 | 0.5 |
| SS15_044 | Sphere513 | SS15_047 | Sphere513 | 3.4 | 3.0 | 1.7 |
| SS15_044 | Sphere 114 | SS15_047 | Sphere114 | 4.5 | 3.9 | 2.2 |
| SS15_044 | Sphere 96 | SS15_048 | Sphere 96 | 14.7 | 14.7 | 0.1 |
| SS15_044 | SA15_17 | SS15_048 | SA15_17 | 0.5 | 0.5 | 0.0 |
| SS15_044 | SA15_25 | SS15_052 | SA15_25 | 10.9 | 9.9 | 4.7 |
| SS15_044 | SA15_24 | SS15_052 | SA15_24 | 14.8 | 13.0 | 7.1 |
| SS15_044 | Sphere513 | SS15_052 | SA15_28 | 9.6 | 8.5 | 4.4 |
| SS15_044 | Sphere 114 | SS15_052 | Sphere114 | 6.8 | 6.8 | 0.3 |
| SS15_044 | Sphere 96 | SS15_053 | Sphere96 | 39.8 | 37.5 | 13.3 |
| SS15_044 | Sphere528 | SS15_045 | Sphere528 | 5.0 | 5.0 | 0.8 |
| SS15_044 | Sphere96 | SS15_045 | Sphere96 | 14.6 | 9.6 | 11.0 |
| SS15_044 | Sphere513 | SS15_045 | Sphere513 | 2.6 | 2.5 | 0.8 |
| SS15_044 | Sphere97 | SS15_054 | Sphere97 | 14.3 | 10.2 | 10.0 |
| SS15_044 | SA15_07 | SS15_041 | Sphere466 | 6.3 | 6.3 | 0.8 |


| SS15_044 | Sphere 72 | SS15_042 | Sphere142 | 17.9 | 17.1 | 5.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_044 | SA15_22 | SS15_042 | Sphere462 | 15.7 | 15.0 | 4.6 |
| SS15_044 | SA15_24 | SS15_051 | SA15_24 | 12.6 | 11.3 | 5.6 |
| SS15_044 | Sphere513 | SS15_049 | Sphere513 | 15.6 | 14.1 | 6.7 |
| SS15_045 | Sphere72 | SS15_005 | Sphere72 | 20.3 | 20.0 | 3.2 |
| SS15_045 | Sphere138 | SS15_010 | Sphere138 | 5.7 | 5.6 | 1.1 |
| SS15_045 | Sphere97 | SS15_010 | Sphere97 | 16.6 | 16.6 | 0.3 |
| SS15_045 | Sphere117 | SS15_008 | Sphere117 | 9.1 | 9.0 | 1.4 |
| SS15_045 | Sphere97 | SS15_008 | Sphere97 | 13.2 | 13.2 | 0.2 |
| SS15_045 | Sphere 72 | SS15_011 | Sphere 72 | 17.8 | 17.7 | 1.6 |
| SS15_045 | SA15_17 | SS15_011 | SA15_17 | 13.8 | 13.8 | 0.7 |
| SS15_045 | Sphere 71 | SS15_018 | Sphere 71 | 15.0 | 14.5 | 3.8 |
| SS15_045 | Sphere 72 | SS15_021 | Sphere 72 | 17.3 | 17.1 | 2.8 |
| SS15_045 | Sphere 71 | SS15_021 | Sphere71 | 8.7 | 8.6 | 1.4 |
| SS15_045 | Sphere97 | SS15_021 | Sphere97 | 19.1 | 18.7 | 3.7 |
| SS15_045 | Sphere239 | SS15_022 | Sphere239 | 13.0 | 12.8 | 2.3 |
| SS15_045 | Sphere 72 | SS15_022 | Sphere72 | 18.4 | 18.4 | 0.1 |
| SS15_045 | Sphere72 | SS15_023 | Sphere72 | 17.6 | 17.6 | 0.6 |
| SS15_045 | Sphere 71 | SS15_023 | Sphere 71 | 10.1 | 8.8 | 4.9 |
| SS15_045 | Sphere117 | SS15_023 | Sphere117 | 10.6 | 10.6 | 0.3 |
| SS15_045 | Sphere97 | SS15_023 | Sphere97 | 14.5 | 14.4 | 1.0 |
| SS15_045 | Sphere 71 | SS15_019 | Sphere 71 | 14.6 | 14.0 | 4.3 |
| SS15_045 | Sphere 71 | SS15_020 | Sphere 71 | 12.4 | 12.2 | 2.3 |
| SS15_045 | Sphere72 | SS15_027 | Sphere72 | 21.1 | 20.6 | 4.8 |
| SS15_045 | Sphere 71 | SS15_027 | Sphere 71 | 19.1 | 15.4 | 11.3 |
| SS15_045 | Sphere 72 | SS15_024 | Sphere 72 | 18.7 | 18.6 | 1.2 |
| SS15_045 | Sphere 71 | SS15_024 | Sphere71 | 13.3 | 11.9 | 6.0 |
| SS15_045 | Sphere 72 | SS15_025 | Sphere 72 | 19.2 | 19.1 | 1.7 |
| SS15_045 | SA15_22 | SS15_025 | SA15_22 | 16.3 | 16.1 | 2.4 |
| SS15_045 | Sphere 71 | SS15_026 | Sphere71 | 21.4 | 19.1 | 9.6 |
| SS15_045 | Sphere 72 | SS15_026 | Sphere72 | 17.7 | 16.6 | 6.2 |
| SS15_045 | Sphere 72 | SS15_030 | Sphere110 | 11.3 | 8.3 | 7.7 |
| SS15_045 | Sphere138 | SS15_030 | Sphere359 | 9.6 | 9.3 | 2.5 |
| SS15_045 | Sphere496 | SS15_030 | Sphere117 | 5.5 | 5.4 | 0.9 |
| SS15_045 | Sphere 71 | SS15_031 | Sphere71 | 9.3 | 4.1 | 8.3 |
| SS15_045 | Sphere 72 | SS15_031 | Sphere72 | 4.6 | 4.0 | 2.2 |
| SS15_045 | Sphere138 | SS15_031 | Sphere138 | 6.5 | 6.2 | 2.1 |
| SS15_045 | SA15_22 | SS15_028 | Sphere300 | 18.5 | 18.3 | 2.3 |
| SS15_045 | SA15_22 | SS15_029 | Sphere300 | 17.1 | 16.8 | 3.1 |
| SS15_045 | Sphere97 | SS15_029 | Sphere340 | 7.8 | 7.1 | 3.1 |


| SS15_045 | Sphere71 | SS15_029 | Sphere110 | 9.3 | 7.6 |
| :--- | :--- | :--- | :--- | ---: | ---: |
| SS15_045 | Sphere72 | SS15_029 | Sphere98 | 11.0 | 10.8 |
| SS15_045 | Sphere72 | SS15_039 | Sphere72 | 22.6 | 22.5 |
| SS15_045 | Sphere71 | SS15_039 | Sphere71 | 23.1 | 21.2 |
| SS15_045 | SA15_22 | SS15_040 | Sphere462 | 14.8 | 14.7 |
| SS15_045 | Sphere97 | SS15_032 | Sphere97 | 12.6 | 8.6 |
| SS15_045 | Sphere72 | SS15_032 | Sphere72 | 7.0 | 6.5 |
| SS15_045 | Sphere71 | SS15_034 | Sphere98 | 21.3 | 21.0 |
| SS15_045 | Sphere71 | SS15_038 | Sphere98 | 21.6 | 20.8 |
| SS15_045 | Sphere72 | SS15_038 | Sphere142 | 18.4 | 18.2 |
| SS15_045 | SA15_25 | SS15_044 | SA15_25 | 2.0 | 1.9 |
| SS15_045 | Sphere116 | SS15_044 | Sphere116 | 10.9 | 10.4 |
| SS15_045 | Sphere71 | SS15_044 | Sphere71 | 6.8 | 6.8 |
| SS15_045 | Sphere97 | SS15_044 | Sphere97 | 7.8 | 5.8 |
| SS15_045 | Sphere137 | SS15_044 | Sphere137 | 5.6 | 5.6 |
| SS15_045 | SA15_24 | SS15_044 | SA15_24 | 4.1 | 4.6 |
| SS15_045 | SA15_23 | SS15_044 | SA15_23 | 3.9 | 3.7 |
| SS15_045 | SA15_17 | SS15_044 | SA15_17 | 1.9 | 1.9 |
| SS15_045 | Sphere72 | SS15_044 | Sphere72 | 6.6 | 5.9 |
| SS15_045 | SA15_22 | SS15_044 | SA15_22 | 2.5 | 1.9 |
| SS15_045 | Sphere496 | SS15_044 | Sphere496 | 3.2 | 2.9 |
| SS15_045 | Sphere71 | SS15_041 | Sphere98 | 22.6 | 22.2 |


| SS15_045 | Sphere71 | SS15_047 | Sphere71 | 7.1 | 7.1 | 0.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_045 | Sphere 72 | SS15_047 | Sphere 72 | 3.7 | 0.7 | 3.7 |
| SS15_045 | SA15_17 | SS15_047 | SA15_17 | 2.3 | 1.7 | 1.5 |
| SS15_045 | Sphere239 | SS15_047 | Sphere239 | 3.4 | 2.2 | 2.7 |
| SS15_045 | Sphere117 | SS15_047 | Sphere117 | 2.3 | 0.5 | 2.2 |
| SS15_045 | SA15_23 | SS15_047 | SA15_23 | 7.0 | 6.1 | 3.4 |
| SS15_045 | Sphere513 | SS15_047 | Sphere513 | 1.1 | 0.5 | 0.9 |
| SS15_045 | SA15_34 | SS15_048 | SA15_34 | 6.1 | 6.1 | 0.7 |
| SS15_045 | SA15_24 | SS15_048 | SA15_24 | 15.9 | 14.7 | 6.0 |
| SS15_045 | SA15_17 | SS15_048 | SA15_17 | 1.5 | 1.5 | 0.3 |
| SS15_045 | Sphere96 | SS15_048 | Sphere96 | 12.2 | 5.1 | 11.1 |
| SS15_045 | Sphere138 | SS15_048 | Sphere138 | 5.0 | 3.4 | 3.6 |
| SS15_045 | SA15_32 | SS15_049 | SA15_32 | 11.7 | 11.5 | 2.1 |
| SS15_045 | SA15_24 | SS15_049 | SA15_24 | 13.2 | 12.8 | 3.1 |
| SS15_045 | SA15_33 | SS15_051 | SA15_33 | 11.3 | 10.2 | 4.8 |
| SS15_045 | SA15_24 | SS15_051 | SA15_24 | 15.0 | 14.0 | 5.5 |
| SS15_045 | SA15_23 | SS15_051 | SA15_23 | 12.8 | 11.9 | 4.5 |
| SS15_045 | SA15_25 | SS15_052 | SA15_25 | 10.5 | 9.0 | 5.4 |
| SS15_045 | SA15_24 | SS15_052 | SA15_24 | 16.0 | 14.5 | 7.0 |
| SS15_045 | Sphere138 | SS15_053 | Sphere138 | 5.0 | 2.8 | 4.2 |
| SS15_045 | SA15_33 | SS15_053 | SA15_33 | 10.7 | 10.1 | 3.3 |
| SS15_045 | SA15_24 | SS15_053 | SA15_24 | 13.1 | 11.7 | 5.9 |
| SS15_045 | SA15_25 | SS15_053 | SA15_25 | 10.6 | 9.0 | 5.7 |
| SS15_045 | SA15_25 | SS15_054 | SA15_25 | 12.4 | 11.6 | 4.3 |
| SS15_045 | SA15_24 | SS15_054 | SA15_24 | 6.1 | 5.5 | 2.5 |
| SS15_045 | SA15_33 | SS15_054 | SA15_33 | 2.0 | 1.9 | 0.5 |
| SS15_045 | Sphere97 | SS15_054 | Sphere97 | 7.0 | 5.0 | 4.9 |
| SS15_046 | Sphere64 | SS15_005 | Sphere64 | 21.6 | 21.5 | 1.1 |
| SS15_046 | Sphere 96 | SS15_007 | Sphere 96 | 21.8 | 21.7 | 2.3 |
| SS15_046 | Sphere84 | SS15_007 | Sphere84 | 8.4 | 2.8 | 7.9 |
| SS15_046 | SA15_17 | SS15_007 | SA15_17 | 13.8 | 13.6 | 2.2 |
| SS15_046 | Sphere 129 | SS15_010 | Sphere129 | 5.7 | 5.6 | 1.2 |
| SS15_046 | SA15_17 | SS15_010 | SA15_17 | 12.2 | 12.2 | 0.5 |
| SS15_046 | Sphere 96 | SS15_010 | Sphere96 | 28.9 | 28.8 | 2.4 |
| SS15_046 | Sphere97 | SS15_010 | Sphere97 | 13.7 | 13.5 | 1.8 |
| SS15_046 | SA15_17 | SS15_008 | SA15_17 | 15.1 | 14.8 | 3.3 |
| SS15_046 | Sphere84 | SS15_008 | Sphere84 | 5.6 | 2.7 | 4.9 |
| SS15_046 | Sphere 130 | SS15_009 | Sphere130 | 4.0 | 3.8 | 1.4 |
| SS15_046 | Sphere96 | SS15_011 | Sphere96 | 22.4 | 21.9 | 4.9 |
| SS15_046 | SA15_17 | SS15_011 | SA15_17 | 13.2 | 13.1 | 1.7 |


| SS15_046 | Sphere153 | SS15_011 | Sphere153 | 34.7 | 34.6 | 3.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_046 | Sphere76 | SS15_016 | Sphere76 | 22.1 | 21.9 | 2.8 |
| SS15_046 | Sphere64 | SS15_017 | Sphere64 | 17.9 | 17.8 | 1.6 |
| SS15_046 | Sphere235 | SS15_021 | Sphere235 | 5.5 | 5.0 | 2.3 |
| SS15_046 | Sphere96 | SS15_023 | Sphere96 | 19.3 | 19.3 | 0.6 |
| SS15_046 | Sphere97 | SS15_023 | Sphere97 | 11.4 | 11.3 | 1.1 |
| SS15_046 | SA15_17 | SS15_030 | Sphere363 | 14.3 | 13.0 | 6.1 |
| SS15_046 | Sphere 122 | SS15_030 | Sphere368 | 13.2 | 12.9 | 3.1 |
| SS15_046 | SA15_17 | SS15_031 | SA15_17 | 11.4 | 10.8 | 3.7 |
| SS15_046 | SA15_17 | SS15_028 | Sphere304 | 15.6 | 14.9 | 4.6 |
| SS15_046 | SA15_22 | SS15_028 | Sphere300 | 14.8 | 14.6 | 2.5 |
| SS15_046 | Sphere97 | SS15_029 | Sphere340 | 3.8 | 3.6 | 1.0 |
| SS15_046 | SA15_17 | SS15_029 | Sphere304 | 12.8 | 11.9 | 4.6 |
| SS15_046 | SA15_22 | SS15_040 | Sphere462 | 12.5 | 12.4 | 1.4 |
| SS15_046 | Sphere97 | SS15_032 | Sphere97 | 8.9 | 5.3 | 7.2 |
| SS15_046 | SA15_17 | SS15_032 | SA15_17 | 12.5 | 11.5 | 4.9 |
| SS15_046 | SA15_25 | SS15_044 | SA15_25 | 5.3 | 5.0 | 1.6 |
| SS15_046 | SA15_23 | SS15_044 | SA15_23 | 2.1 | 1.1 | 1.8 |
| SS15_046 | SA15_17 | SS15_044 | SA15_17 | 5.5 | 5.4 | 0.7 |
| SS15_046 | SA15_22 | SS15_044 | SA15_22 | 2.9 | 2.5 | 1.5 |
| SS15_046 | SA15_22 | SS15_042 | Sphere462 | 15.1 | 14.7 | 3.1 |
| SS15_046 | SA15_23 | SS15_043 | SA15_23 | 12.1 | 12.1 | 0.2 |
| SS15_046 | SA15_17 | SS15_043 | SA15_17 | 10.1 | 10.1 | 0.9 |
| SS15_046 | Sphere 76 | SS15_043 | Sphere 76 | 12.5 | 12.2 | 2.6 |
| SS15_046 | SA15_25 | SS15_043 | SA15_25 | 10.2 | 8.2 | 6.1 |
| SS15_046 | Sphere97 | SS15_043 | Sphere97 | 2.8 | 2.8 | 0.6 |
| SS15_046 | Sphere64 | SS15_043 | Sphere64 | 10.8 | 10.7 | 0.7 |
| SS15_046 | SA15_17 | SS15_047 | SA15_17 | 5.0 | 5.0 | 0.5 |
| SS15_046 | SA15_23 | SS15_047 | SA15_23 | 9.2 | 8.2 | 4.0 |
| SS15_046 | SA15_34 | SS15_047 | SA15_34 | 3.9 | 3.3 | 2.0 |
| SS15_046 | SA15_25 | SS15_047 | SA15_25 | 8.8 | 7.6 | 4.4 |
| SS15_046 | SA15_17 | SS15_048 | SA15_17 | 5.0 | 4.9 | 0.7 |
| SS15_046 | SA15_34 | SS15_048 | SA15_34 | 7.7 | 7.7 | 0.8 |
| SS15_046 | SA15_25 | SS15_048 | SA15_25 | 11.5 | 11.0 | 3.2 |
| SS15_046 | SA15_17 | SS15_045 | SA15_17 | 3.8 | 3.6 | 1.0 |
| SS15_046 | SA15_23 | SS15_045 | SA15_23 | 2.8 | 2.7 | 0.6 |
| SS15_046 | SA15_33 | SS15_045 | SA15_33 | 2.8 | 1.0 | 2.6 |
| SS15_046 | SA15_25 | SS15_045 | SA15_25 | 6.9 | 6.8 | 0.9 |
| SS15_046 | SA15_23 | SS15_052 | SA15_23 | 11.0 | 9.7 | 5.2 |
| SS15_046 | SA15_25 | SS15_052 | SA15_25 | 15.5 | 14.2 | 6.3 |


| SS15_046 | Sphere138 | SS15_053 | Sphere 138 | 7.2 | 6.3 | 3.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_046 | SA15_33 | SS15_053 | SA15_33 | 9.2 | 9.2 | 0.6 |
| SS15_046 | SA15_25 | SS15_053 | SA15_25 | 14.9 | 13.3 | 6.6 |
| SS15_046 | SA15_23 | SS15_051 | SA15_23 | 14.0 | 13.0 | 5.1 |
| SS15_046 | SA15_33 | SS15_051 | SA15_33 | 10.0 | 9.8 | 2.2 |
| SS15_046 | SA15_33 | SS15_054 | SA15_33 | 2.3 | 0.9 | 2.1 |
| SS15_046 | SA15_25 | SS15_054 | SA15_25 | 9.0 | 7.4 | 5.3 |
| SS15_046 | Sphere97 | SS15_054 | Sphere97 | 10.8 | 8.2 | 7.0 |
| SS15_047 | Sphere91 | SS15_007 | Sphere91 | 9.8 | 9.6 | 1.8 |
| SS15_047 | Sphere90 | SS15_007 | Sphere90 | 5.0 | 4.9 | 0.8 |
| SS15_047 | Sphere137 | SS15_010 | Sphere137 | 12.7 | 12.7 | 1.1 |
| SS15_047 | Sphere 117 | SS15_008 | Spherel17 | 10.1 | 9.5 | 3.7 |
| SS15_047 | Sphere90 | SS15_008 | Sphere90 | 7.1 | 5.6 | 4.4 |
| SS15_047 | Sphere72 | SS15_011 | Sphere72 | 19.2 | 18.4 | 5.3 |
| SS15_047 | SA15_17 | SS15_011 | SA15_17 | 13.4 | 13.2 | 2.2 |
| SS15_047 | Sphere 114 | SS15_011 | Sphere114 | 8.0 | 8.0 | 0.7 |
| SS15_047 | Sphere71 | SS15_021 | Sphere71 | 13.3 | 13.3 | 0.8 |
| SS15_047 | Sphere117 | SS15_023 | Sphere117 | 11.0 | 10.7 | 2.5 |
| SS15_047 | Sphere71 | SS15_020 | Sphere71 | 16.0 | 15.9 | 1.7 |
| SS15_047 | Sphere 137 | SS15_030 | Sphere 138 | 10.8 | 10.4 | 3.1 |
| SS15_047 | Sphere90 | SS15_031 | Sphere90 | 4.8 | 3.8 | 2.9 |
| SS15_047 | Sphere335 | SS15_031 | Sphere335 | 8.4 | 8.3 | 0.6 |
| SS15_047 | Sphere385 | SS15_029 | Sphere72 | 8.2 | 1.1 | 8.2 |
| SS15_047 | Sphere71 | SS15_039 | Sphere71 | 23.3 | 21.7 | 8.6 |
| SS15_047 | Sphere335 | SS15_032 | Sphere 335 | 7.4 | 7.4 | 0.7 |
| SS15_047 | Sphere71 | SS15_034 | Sphere98 | 22.1 | 21.9 | 3.0 |
| SS15_047 | Sphere71 | SS15_038 | Sphere98 | 21.5 | 20.9 | 5.0 |
| SS15_047 | SA15_25 | SS15_044 | SA15_25 | 3.9 | 2.6 | 2.9 |
| SS15_047 | Sphere71 | SS15_044 | Sphere71 | 0.4 | 0.4 | 0.2 |
| SS15_047 | Sphere90 | SS15_044 | Sphere90 | 7.9 | 7.7 | 1.9 |
| SS15_047 | Sphere 137 | SS15_044 | Sphere 137 | 10.1 | 9.0 | 4.5 |
| SS15_047 | SA15_23 | SS15_044 | SA15_23 | 9.5 | 9.2 | 2.2 |
| SS15_047 | Sphere71 | SS15_041 | Sphere98 | 18.0 | 17.5 | 3.9 |
| SS15_047 | Sphere513 | SS15_043 | Sphere513 | 8.9 | 7.2 | 5.2 |
| SS15_047 | Sphere72 | SS15_043 | Sphere72 | 4.7 | 2.9 | 3.8 |
| SS15_047 | Sphere335 | SS15_043 | Sphere 335 | 7.2 | 7.0 | 1.4 |
| SS15_047 | SA15_25 | SS15_043 | SA15_25 | 1.8 | 0.7 | 1.6 |
| SS15_047 | SA15_24 | SS15_046 | SA15_24 | 11.1 | 10.7 | 2.7 |
| SS15_047 | SA15_33 | SS15_046 | SA15_33 | 5.4 | 3.2 | 4.3 |
| SS15_047 | SA15_34 | SS15_048 | SA15_34 | 4.5 | 4.4 | 1.2 |


| SS15_047 | Sphere335 | SS15_048 | Sphere335 | 4.0 | 2.3 | 3.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_047 | SA15_17 | SS15_048 | SA15_17 | 1.3 | 0.4 | 1.2 |
| SS15_047 | Sphere 91 | SS15_048 | Sphere 91 | 1.0 | 1.0 | 0.4 |
| SS15_047 | SA15_32 | SS15_048 | SA15_32 | 3.6 | 3.4 | 1.0 |
| SS15_047 | Sphere 91 | SS15_049 | Sphere91 | 23.3 | 11.3 | 20.4 |
| SS15_047 | SA15_32 | SS15_049 | SA15_32 | 10.4 | 10.3 | 1.6 |
| SS15_047 | SA15_33 | SS15_051 | SA15_33 | 9.9 | 7.5 | 6.5 |
| SS15_047 | SA15_24 | SS15_051 | SA15_24 | 9.6 | 9.4 | 2.0 |
| SS15_047 | Sphere 137 | SS15_051 | Sphere137 | 3.8 | 3.5 | 1.3 |
| SS15_047 | SA15_24 | SS15_052 | SA15_24 | 13.1 | 12.7 | 3.4 |
| SS15_047 | SA15_25 | SS15_052 | SA15_25 | 7.7 | 7.5 | 1.8 |
| SS15_047 | Sphere 335 | SS15_052 | Sphere335 | 4.1 | 1.8 | 3.7 |
| SS15_047 | SA15_33 | SS15_053 | SA15_33 | 12.7 | 11.8 | 4.9 |
| SS15_047 | SA15_25 | SS15_053 | SA15_25 | 7.7 | 7.4 | 2.1 |
| SS15_047 | SA15_33 | SS15_045 | SA15_33 | 3.5 | 3.1 | 1.6 |
| SS15_047 | SA15_25 | SS15_045 | SA15_25 | 3.9 | 1.6 | 3.5 |
| SS15_047 | Sphere 137 | SS15_045 | Sphere137 | 6.4 | 4.0 | 5.0 |
| SS15_047 | SA15_32 | SS15_045 | SA15_32 | 1.9 | 1.8 | 0.5 |
| SS15_047 | SA15_33 | SS15_054 | SA15_33 | 4.2 | 3.6 | 2.2 |
| SS15_047 | SA15_25 | SS15_054 | SA15_25 | 11.3 | 11.3 | 0.8 |
| SS15_048 | Sphere97 | SS15_010 | Sphere97 | 18.3 | 18.3 | 1.3 |
| SS15_048 | Sphere117 | SS15_008 | Sphere117 | 11.1 | 10.5 | 3.4 |
| SS15_048 | Sphere97 | SS15_008 | Sphere97 | 15.4 | 15.4 | 0.8 |
| SS15_048 | SA15_17 | SS15_011 | SA15_17 | 13.6 | 13.6 | 1.0 |
| SS15_048 | Sphere97 | SS15_011 | Sphere97 | 17.1 | 15.3 | 7.6 |
| SS15_048 | Sphere97 | SS15_021 | Sphere97 | 19.9 | 19.7 | 2.6 |
| SS15_048 | Sphere117 | SS15_023 | Sphere117 | 11.1 | 10.8 | 2.3 |
| SS15_048 | Sphere97 | SS15_023 | Sphere97 | 16.5 | 16.4 | 2.0 |
| SS15_048 | Sphere275 | SS15_026 | Sphere275 | 3.2 | 3.2 | 0.4 |
| SS15_048 | Sphere138 | SS15_030 | Sphere359 | 12.5 | 12.5 | 1.2 |
| SS15_048 | Sphere275 | SS15_030 | Sphere146 | 4.6 | 4.6 | 0.4 |
| SS15_048 | Sphere335 | SS15_031 | Sphere335 | 9.3 | 8.4 | 3.9 |
| SS15_048 | Sphere117 | SS15_031 | Sphere117 | 10.4 | 9.9 | 3.4 |
| SS15_048 | Sphere560 | SS15_029 | Sphere334 | 13.3 | 10.1 | 8.6 |
| SS15_048 | Sphere97 | SS15_029 | Sphere340 | 10.9 | 10.1 | 4.2 |
| SS15_048 | Sphere275 | SS15_029 | Sphere90 | 4.3 | 3.0 | 3.1 |
| SS15_048 | Sphere97 | SS15_032 | Sphere97 | 15.0 | 10.9 | 10.3 |
| SS15_048 | Sphere275 | SS15_032 | Sphere275 | 2.8 | 2.7 | 0.2 |
| SS15_048 | Sphere335 | SS15_032 | Sphere335 | 9.1 | 8.2 | 4.0 |
| SS15_048 | SA15_25 | SS15_044 | SA15_25 | 6.3 | 6.1 | 1.6 |


| SS15_048 | Sphere97 | SS15_044 | Sphere97 | 10.5 | 8.5 | 6.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_048 | SA15_24 | SS15_044 | SA15_24 | 14.6 | 13.3 | 6.2 |
| SS15_048 | SA15_23 | SS15_044 | SA15_23 | 10.4 | 10.3 | 1.7 |
| SS15_048 | Sphere513 | SS15_044 | Sphere513 | 5.2 | 4.1 | 3.2 |
| SS15_048 | Sphere513 | SS15_041 | Sphere491 | 12.7 | 11.1 | 6.1 |
| SS15_048 | Sphere513 | SS15_043 | Sphere513 | 10.0 | 7.5 | 6.6 |
| SS15_048 | SA15_23 | SS15_043 | SA15_23 | 14.3 | 14.0 | 3.3 |
| SS15_048 | Sphere 96 | SS15_043 | Sphere96 | 5.8 | 5.8 | 0.4 |
| SS15_048 | Sphere275 | SS15_043 | Sphere275 | 5.1 | 5.0 | 0.8 |
| SS15_048 | SA15_25 | SS15_043 | SA15_25 | 4.0 | 2.8 | 2.9 |
| SS15_048 | Sphere97 | SS15_043 | Sphere97 | 9.6 | 8.8 | 3.7 |
| SS15_048 | Sphere138 | SS15_046 | Sphere138 | 8.3 | 7.8 | 3.0 |
| SS15_048 | SA15_23 | SS15_046 | SA15_23 | 9.9 | 9.3 | 3.5 |
| SS15_048 | SA15_24 | SS15_046 | SA15_24 | 14.4 | 13.4 | 5.2 |
| SS15_048 | SA15_33 | SS15_046 | SA15_33 | 3.4 | 3.4 | 0.7 |
| SS15_048 | Sphere97 | SS15_046 | Sphere97 | 7.3 | 6.6 | 3.1 |
| SS15_048 | SA15_33 | SS15_047 | SA15_33 | 3.6 | 0.5 | 3.5 |
| SS15_048 | SA15_24 | SS15_047 | SA15_24 | 13.2 | 13.0 | 2.5 |
| SS15_048 | SA15_25 | SS15_047 | SA15_25 | 3.7 | 3.5 | 1.3 |
| SS15_048 | Sphere 117 | SS15_047 | Sphere117 | 1.4 | 1.4 | 0.2 |
| SS15_048 | SA15_23 | SS15_047 | SA15_23 | 1.2 | 1.1 | 0.5 |
| SS15_048 | Sphere513 | SS15_047 | Sphere513 | 2.4 | 1.9 | 1.5 |
| SS15_048 | Sphere560 | SS15_050 | Sphere560 | 19.7 | 19.6 | 1.8 |
| SS15_048 | Sphere513 | SS15_050 | Sphere513 | 11.8 | 11.6 | 2.5 |
| SS15_048 | Sphere359 | SS15_052 | Sphere359 | 6.4 | 6.3 | 1.3 |
| SS15_048 | SA15_25 | SS15_052 | SA15_25 | 5.9 | 5.0 | 3.1 |
| SS15_048 | SA15_24 | SS15_052 | SA15_24 | 1.0 | 0.3 | 0.9 |
| SS15_048 | SA15_23 | SS15_052 | SA15_23 | 3.0 | 2.5 | 1.8 |
| SS15_048 | Sphere513 | SS15_052 | SA15_28 | 4.6 | 4.4 | 1.3 |
| SS15_048 | SA15_33 | SS15_045 | SA15_33 | 3.6 | 3.1 | 1.9 |
| SS15_048 | SA15_25 | SS15_045 | SA15_25 | 5.1 | 4.6 | 2.2 |
| SS15_048 | SA15_23 | SS15_045 | SA15_23 | 7.6 | 7.1 | 2.9 |
| SS15_048 | Sphere 117 | SS15_045 | Sphere117 | 2.8 | 1.9 | 2.0 |
| SS15_048 | Sphere513 | SS15_045 | Sphere513 | 3.1 | 2.0 | 2.4 |
| SS15_048 | SA15_32 | SS15_045 | SA15_32 | 2.1 | 2.0 | 0.5 |
| SS15_048 | Sphere97 | SS15_045 | Sphere97 | 3.6 | 3.5 | 1.0 |
| SS15_048 | SA15_33 | SS15_049 | SA15_33 | 6.6 | 6.6 | 1.0 |
| SS15_048 | SA15_24 | SS15_049 | SA15_24 | 8.5 | 7.9 | 3.0 |
| SS15_048 | SA15_23 | SS15_049 | SA15_23 | 11.0 | 11.0 | 0.7 |
| SS15_048 | Sphere91 | SS15_049 | Sphere91 | 23.2 | 10.4 | 20.7 |


| SS15_048 | Sphere513 | SS15_049 | Sphere513 | 12.2 | 11.7 | 3.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_048 | SA15_32 | SS15_049 | SA15_32 | 11.7 | 11.4 | 2.6 |
| SS15_048 | SA15_33 | SS15_051 | SA15_33 | 8.4 | 7.9 | 2.9 |
| SS15_048 | SA15_24 | SS15_051 | SA15_24 | 4.7 | 4.6 | 0.5 |
| SS15_048 | SA15_23 | SS15_051 | SA15_23 | 7.3 | 7.1 | 1.6 |
| SS15_048 | Sphere513 | SS15_051 | Sphere513 | 6.3 | 5.7 | 2.8 |
| SS15_048 | SA15_33 | SS15_053 | SA15_33 | 12.2 | 12.1 | 1.3 |
| SS15_048 | SA15_25 | SS15_053 | SA15_25 | 6.7 | 5.8 | 3.4 |
| SS15_048 | SA15_24 | SS15_053 | SA15_24 | 6.7 | 6.7 | 0.1 |
| SS15_048 | SA15_23 | SS15_053 | SA15_23 | 2.8 | 2.3 | 1.5 |
| SS15_048 | Sphere 138 | SS15_053 | Sphere138 | 2.8 | 2.7 | 0.5 |
| SS15_048 | SA15_33 | SS15_054 | SA15_33 | 4.0 | 3.8 | 1.4 |
| SS15_048 | SA15_25 | SS15_054 | SA15_25 | 14.2 | 14.0 | 2.1 |
| SS15_048 | SA15_24 | SS15_054 | SA15_24 | 12.7 | 12.2 | 3.5 |
| SS15_048 | SA15_23 | SS15_054 | SA15_23 | 8.1 | 8.1 | 0.6 |
| SS15_048 | Sphere97 | SS15_054 | Sphere97 | 4.2 | 1.6 | 3.9 |
| SS15_049 | SA15_22 | SS15_027 | SA15_22 | 18.4 | 17.3 | 6.1 |
| SS15_049 | SA15_22 | SS15_025 | SA15_22 | 17.8 | 17.7 | 0.9 |
| SS15_049 | SA15_22 | SS15_028 | Sphere300 | 20.0 | 19.2 | 5.5 |
| SS15_049 | SA15_22 | SS15_029 | Sphere300 | 20.4 | 19.4 | 6.4 |
| SS15_049 | Sphere389 | SS15_029 | Sphere320 | 10.5 | 9.4 | 4.7 |
| SS15_049 | SA15_22 | SS15_040 | Sphere462 | 12.5 | 12.4 | 1.6 |
| SS15_049 | SA15_22 | SS15_038 | Sphere462 | 13.2 | 12.8 | 3.3 |
| SS15_049 | SA15_24 | SS15_044 | SA15_24 | 9.9 | 9.4 | 3.2 |
| SS15_049 | SA15_23 | SS15_044 | SA15_23 | 15.7 | 15.6 | 2.3 |
| SS15_049 | SA15_22 | SS15_044 | SA15_22 | 10.4 | 10.2 | 1.5 |
| SS15_049 | SA15_22 | SS15_041 | Sphere462 | 10.4 | 9.8 | 3.6 |
| SS15_049 | Sphere509 | SS15_041 | Sphere487 | 11.6 | 10.0 | 5.8 |
| SS15_049 | SA15_22 | SS15_042 | Sphere462 | 12.1 | 10.4 | 6.2 |
| SS15_049 | Sphere513 | SS15_043 | Sphere513 | 16.8 | 13.4 | 10.2 |
| SS15_049 | SA15_23 | SS15_043 | SA15_23 | 9.4 | 8.6 | 3.9 |
| SS15_049 | Sphere509 | SS15_043 | Sphere509 | 6.1 | 4.9 | 3.6 |
| SS15_049 | Sphere511 | SS15_043 | Sphere511 | 12.7 | 12.7 | 0.8 |
| SS15_049 | SA15_22 | SS15_046 | SA15_22 | 12.2 | 11.8 | 3.1 |
| SS15_049 | SA15_23 | SS15_046 | SA15_23 | 15.7 | 15.2 | 4.1 |
| SS15_049 | SA15_24 | SS15_046 | SA15_24 | 13.0 | 12.8 | 2.2 |
| SS15_049 | SA15_33 | SS15_046 | SA15_33 | 8.5 | 8.5 | 0.3 |
| SS15_049 | SA15_33 | SS15_047 | SA15_33 | 7.7 | 6.2 | 4.6 |
| SS15_049 | SA15_24 | SS15_047 | SA15_24 | 6.2 | 6.2 | 0.5 |
| SS15_049 | SA15_23 | SS15_047 | SA15_23 | 11.0 | 11.0 | 0.1 |


| SS15_049 | Sphere513 | SS15_047 | Sphere513 | 14.3 | 13.4 | 5.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_049 | Sphere509 | SS15_050 | Sphere509 | 3.7 | 3.5 | 1.0 |
| SS15_049 | SA15_29 | SS15_050 | SA15_29 | 9.9 | 9.0 | 4.2 |
| SS15_049 | SA15_33 | SS15_051 | SA15_33 | 2.3 | 1.3 | 1.9 |
| SS15_049 | SA15_29 | SS15_051 | SA15_29 | 2.9 | 2.8 | 0.8 |
| SS15_049 | Sphere 389 | SS15_051 | Sphere389 | 2.3 | 2.3 | 0.1 |
| SS15_049 | SA15_24 | SS15_051 | SA15_24 | 4.3 | 3.5 | 2.4 |
| SS15_049 | SA15_23 | SS15_051 | SA15_23 | 4.2 | 4.1 | 1.0 |
| SS15_049 | Sphere513 | SS15_052 | SA15_28 | 11.1 | 10.8 | 2.2 |
| SS15_049 | SA15_24 | SS15_052 | SA15_24 | 8.6 | 7.7 | 3.9 |
| SS15_049 | SA15_23 | SS15_052 | SA15_23 | 8.6 | 8.5 | 1.1 |
| SS15_049 | Sphere513 | SS15_045 | Sphere513 | 14.6 | 13.3 | 5.9 |
| SS15_049 | SA15_22 | SS15_045 | SA15_22 | 10.3 | 9.8 | 3.3 |
| SS15_049 | SA15_33 | SS15_045 | SA15_33 | 9.4 | 8.9 | 2.9 |
| SS15_049 | SA15_23 | SS15_045 | SA15_23 | 15.1 | 14.7 | 3.5 |
| SS15_049 | SA15_33 | SS15_053 | SA15_33 | 13.5 | 13.5 | 0.3 |
| SS15_049 | SA15_24 | SS15_053 | SA15_24 | 12.4 | 12.0 | 2.9 |
| SS15_049 | SA15_33 | SS15_054 | SA15_33 | 8.6 | 8.2 | 2.4 |
| SS15_049 | SA15_24 | SS15_054 | SA15_24 | 13.6 | 13.5 | 0.6 |
| SS15_049 | SA15_23 | SS15_054 | SA15_23 | 15.1 | 15.0 | 1.2 |
| SS15_050 | Sphere560 | SS15_029 | Sphere334 | 16.9 | 15.5 | 6.8 |
| SS15_050 | Sphere513 | SS15_044 | Sphere513 | 15.1 | 14.0 | 5.7 |
| SS15_050 | Sphere513 | SS15_041 | Sphere491 | 11.3 | 7.3 | 8.6 |
| SS15_050 | Sphere513 | SS15_043 | Sphere513 | 16.2 | 13.4 | 9.2 |
| SS15_050 | SA15_32 | SS15_047 | SA15_32 | 12.8 | 12.1 | 4.3 |
| SS15_050 | Sphere513 | SS15_047 | Sphere513 | 13.9 | 13.3 | 4.0 |
| SS15_050 | SA15_32 | SS15_048 | SA15_32 | 12.9 | 11.8 | 5.2 |
| SS15_050 | Sphere513 | SS15_049 | Sphere513 | 1.0 | 0.1 | 1.0 |
| SS15_050 | SA15_32 | SS15_049 | SA15_32 | 5.5 | 4.8 | 2.7 |
| SS15_050 | Sphere513 | SS15_052 | SA15_28 | 10.8 | 10.7 | 1.3 |
| SS15_050 | SA15_31 | SS15_052 | SA15_31 | 14.2 | 14.1 | 1.6 |
| SS15_050 | Sphere513 | SS15_045 | Sphere513 | 14.1 | 13.2 | 4.9 |
| SS15_050 | SA15_32 | SS15_045 | SA15_32 | 13.5 | 12.7 | 4.8 |
| SS15_051 | Sphere275 | SS15_026 | Sphere275 | 6.3 | 6.3 | 0.2 |
| SS15_051 | Sphere275 | SS15_030 | Sphere146 | 8.1 | 8.1 | 0.6 |
| SS15_051 | Sphere275 | SS15_029 | Sphere90 | 4.6 | 3.5 | 2.9 |
| SS15_051 | Sphere275 | SS15_032 | Sphere275 | 7.2 | 7.2 | 0.0 |
| SS15_051 | Sphere 137 | SS15_044 | Sphere137 | 10.0 | 8.1 | 5.9 |
| SS15_051 | SA15_23 | SS15_044 | SA15_23 | 14.0 | 13.6 | 3.3 |
| SS15_051 | Sphere513 | SS15_044 | Sphere513 | 11.4 | 9.7 | 6.0 |


| SS15_051 | Sphere575 | SS15_041 | Sphere335 | 11.7 | 7.5 | 8.9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_051 | Sphere513 | SS15_041 | Sphere491 | 14.6 | 11.6 | 8.9 |
| SS15_051 | Sphere575 | SS15_042 | Sphere335 | 10.7 | 5.9 | 8.9 |
| SS15_051 | Sphere513 | SS15_043 | Sphere513 | 15.2 | 11.9 | 9.5 |
| SS15_051 | Sphere275 | SS15_043 | Sphere275 | 9.4 | 9.4 | 1.0 |
| SS15_051 | SA15_24 | SS15_046 | SA15_24 | 14.2 | 13.4 | 4.6 |
| SS15_051 | SA15_23 | SS15_047 | SA15_23 | 7.3 | 7.2 | 1.1 |
| SS15_051 | SA15_32 | SS15_047 | SA15_32 | 14.5 | 11.5 | 8.9 |
| SS15_051 | Sphere513 | SS15_047 | Sphere513 | 8.6 | 7.4 | 4.3 |
| SS15_051 | Sphere275 | SS15_048 | Sphere275 | 6.1 | 6.1 | 0.2 |
| SS15_051 | SA15_32 | SS15_048 | SA15_32 | 13.6 | 9.5 | 9.8 |
| SS15_051 | Sphere561 | SS15_048 | Sphere561 | 64.7 | 64.5 | 4.9 |
| SS15_051 | Sphere513 | SS15_049 | Sphere513 | 8.4 | 8.4 | 0.7 |
| SS15_051 | SA15_32 | SS15_049 | SA15_32 | 12.3 | 10.0 | 7.2 |
| SS15_051 | Sphere575 | SS15_049 | Sphere575 | 7.5 | 4.1 | 6.3 |
| SS15_051 | SA15_29 | SS15_050 | SA15_29 | 8.2 | 7.5 | 3.4 |
| SS15_051 | Sphere513 | SS15_050 | Sphere513 | 8.3 | 8.3 | 0.3 |
| SS15_051 | SA15_32 | SS15_050 | SA15_32 | 7.8 | 6.4 | 4.6 |
| SS15_051 | SA15_31 | SS15_050 | SA15_31 | 15.6 | 15.4 | 2.3 |
| SS15_051 | SA15_32 | SS15_052 | SA15_32 | 10.9 | 9.5 | 5.2 |
| SS15_051 | SA15_31 | SS15_052 | SA15_31 | 2.6 | 2.5 | 0.7 |
| SS15_051 | Sphere513 | SS15_052 | SA15_28 | 3.0 | 2.6 | 1.5 |
| SS15_051 | SA15_32 | SS15_053 | SA15_32 | 11.1 | 9.8 | 5.3 |
| SS15_051 | Sphere137 | SS15_045 | Sphere137 | 8.2 | 5.2 | 6.3 |
| SS15_051 | SA15_32 | SS15_045 | SA15_32 | 14.6 | 11.2 | 9.3 |
| SS15_051 | Sphere513 | SS15_045 | Sphere513 | 9.3 | 7.6 | 5.2 |
| SS15_052 | Sphere89 | SS15_007 | Sphere89 | 17.9 | 17.7 | 2.5 |
| SS15_052 | Sphere97 | SS15_007 | Sphere97 | 21.2 | 20.8 | 4.2 |
| SS15_052 | Sphere138 | SS15_010 | Sphere138 | 10.4 | 9.2 | 4.9 |
| SS15_052 | Sphere97 | SS15_010 | Sphere97 | 22.1 | 22.0 | 2.2 |
| SS15_052 | Sphere114 | SS15_008 | Sphere114 | 3.8 | 3.1 | 2.1 |
| SS15_052 | Sphere97 | SS15_008 | Sphere97 | 20.0 | 20.0 | 1.7 |
| SS15_052 | Sphere114 | SS15_011 | Sphere114 | 6.3 | 6.0 | 1.8 |
| SS15_052 | Sphere97 | SS15_011 | Sphere97 | 20.8 | 19.7 | 6.7 |
| SS15_052 | Sphere97 | SS15_021 | Sphere97 | 22.3 | 22.2 | 1.7 |
| SS15_052 | Sphere97 | SS15_023 | Sphere97 | 20.7 | 20.5 | 2.9 |
| SS15_052 | Sphere138 | SS15_030 | Sphere359 | 13.1 | 12.7 | 3.5 |
| SS15_052 | Sphere114 | SS15_031 | Sphere114 | 7.3 | 5.6 | 4.7 |
| SS15_052 | Sphere335 | SS15_031 | Sphere335 | 10.1 | 9.2 | 4.2 |
| SS15_052 | Sphere138 | SS15_031 | Sphere138 | 10.2 | 9.4 | 3.9 |


| SS15_052 | Sphere560 | SS15_029 | Sphere334 | 10.2 | 8.9 | 5.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_052 | Sphere97 | SS15_029 | Sphere340 | 16.6 | 15.8 | 5.1 |
| SS15_052 | Sphere97 | SS15_032 | Sphere97 | 19.4 | 15.9 | 11.2 |
| SS15_052 | Sphere89 | SS15_032 | Sphere89 | 14.5 | 13.2 | 5.9 |
| SS15_052 | Sphere335 | SS15_032 | Sphere335 | 9.7 | 8.7 | 4.4 |
| SS15_052 | Sphere97 | SS15_044 | Sphere97 | 15.8 | 14.1 | 7.1 |
| SS15_052 | SA15_23 | SS15_044 | SA15_23 | 11.1 | 10.6 | 3.4 |
| SS15_052 | SA15_28 | SS15_043 | Sphere513 | 14.0 | 11.6 | 7.9 |
| SS15_052 | Sphere97 | SS15_043 | Sphere97 | 15.1 | 14.4 | 4.6 |
| SS15_052 | Sphere138 | SS15_046 | Sphere138 | 9.7 | 8.1 | 5.3 |
| SS15_052 | SA15_24 | SS15_046 | SA15_24 | 14.5 | 13.2 | 6.1 |
| SS15_052 | SA15_33 | SS15_046 | SA15_33 | 11.2 | 10.9 | 2.8 |
| SS15_052 | Sphere97 | SS15_046 | Sphere97 | 13.2 | 12.6 | 4.0 |
| SS15_052 | SA15_33 | SS15_047 | SA15_33 | 11.3 | 8.8 | 7.0 |
| SS15_052 | Sphere 114 | SS15_047 | Sphere114 | 3.8 | 2.9 | 2.5 |
| SS15_052 | SA15_23 | SS15_047 | SA15_23 | 2.8 | 2.6 | 1.2 |
| SS15_052 | SA15_32 | SS15_047 | SA15_32 | 8.3 | 7.4 | 3.6 |
| SS15_052 | SA15_28 | SS15_047 | Sphere513 | 6.4 | 5.8 | 2.8 |
| SS15_052 | Sphere560 | SS15_048 | Sphere560 | 5.4 | 4.1 | 3.5 |
| SS15_052 | SA15_33 | SS15_048 | SA15_33 | 9.9 | 9.2 | 3.5 |
| SS15_052 | Sphere335 | SS15_048 | Sphere335 | 1.2 | 1.2 | 0.4 |
| SS15_052 | Sphere563 | SS15_048 | Sphere563 | 4.5 | 4.1 | 1.8 |
| SS15_052 | SA15_32 | SS15_048 | SA15_32 | 6.1 | 4.1 | 4.6 |
| SS15_052 | Sphere97 | SS15_048 | Sphere97 | 6.4 | 6.3 | 0.9 |
| SS15_052 | Sphere 138 | SS15_048 | Sphere138 | 2.4 | 0.5 | 2.4 |
| SS15_052 | SA15_32 | SS15_049 | SA15_32 | 14.7 | 14.6 | 2.0 |
| SS15_052 | SA15_33 | SS15_049 | SA15_33 | 3.7 | 2.7 | 2.5 |
| SS15_052 | SA15_32 | SS15_050 | SA15_32 | 13.8 | 13.8 | 0.7 |
| SS15_052 | Sphere560 | SS15_050 | Sphere560 | 15.7 | 15.6 | 1.7 |
| SS15_052 | SA15_33 | SS15_051 | SA15_33 | 1.6 | 1.5 | 0.6 |
| SS15_052 | SA15_24 | SS15_051 | SA15_24 | 4.7 | 4.4 | 1.5 |
| SS15_052 | SA15_23 | SS15_051 | SA15_23 | 4.7 | 4.7 | 0.1 |
| SS15_052 | Sphere138 | SS15_053 | Sphere138 | 3.8 | 3.3 | 1.8 |
| SS15_052 | Sphere563 | SS15_053 | Sphere563 | 3.3 | 3.0 | 1.2 |
| SS15_052 | SA15_33 | SS15_053 | SA15_33 | 14.6 | 14.4 | 2.1 |
| SS15_052 | SA15_32 | SS15_053 | SA15_32 | 0.4 | 0.4 | 0.0 |
| SS15_052 | SA15_23 | SS15_045 | SA15_23 | 9.3 | 8.0 | 4.6 |
| SS15_052 | Sphere138 | SS15_045 | Sphere138 | 7.0 | 3.7 | 6.0 |
| SS15_052 | SA15_33 | SS15_045 | SA15_33 | 12.6 | 11.4 | 5.4 |
| SS15_052 | Sphere97 | SS15_045 | Sphere97 | 10.0 | 9.8 | 1.9 |


| SS15_052 | SA15_32 | SS15_045 | SA15_32 | 7.0 | 5.7 | 4.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_052 | SA15_28 | SS15_045 | Sphere513 | 7.1 | 6.1 | 3.7 |
| SS15_052 | SA15_33 | SS15_054 | SA15_33 | 11.5 | 10.5 | 4.9 |
| SS15_052 | Sphere97 | SS15_054 | Sphere97 | 5.7 | 4.9 | 3.0 |
| SS15_053 | Sphere94 | SS15_007 | Sphere94 | 5.9 | 5.7 | 1.5 |
| SS15_053 | Sphere94 | SS15_008 | Sphere94 | 7.6 | 7.0 | 3.1 |
| SS15_053 | Sphere94 | SS15_022 | Sphere238 | 69.5 | 69.4 | 1.6 |
| SS15_053 | SA15_25 | SS15_044 | SA15_25 | 10.7 | 9.4 | 5.0 |
| SS15_053 | SA15_24 | SS15_044 | SA15_24 | 13.6 | 12.2 | 6.1 |
| SS15_053 | SA15_23 | SS15_044 | SA15_23 | 8.6 | 8.0 | 3.2 |
| SS15_053 | SA15_23 | SS15_043 | SA15_23 | 13.8 | 12.9 | 4.8 |
| SS15_053 | Sphere 96 | SS15_043 | Sphere 96 | 31.9 | 29.1 | 13.0 |
| SS15_053 | SA15_23 | SS15_046 | SA15_23 | 8.6 | 7.0 | 5.0 |
| SS15_053 | SA15_24 | SS15_046 | SA15_24 | 10.9 | 9.6 | 5.1 |
| SS15_053 | SA15_24 | SS15_047 | SA15_24 | 14.8 | 14.6 | 2.4 |
| SS15_053 | Sphere554 | SS15_047 | Sphere554 | 13.1 | 12.8 | 2.8 |
| SS15_053 | SA15_23 | SS15_047 | SA15_23 | 1.6 | 1.3 | 1.0 |
| SS15_053 | SA15_32 | SS15_047 | SA15_32 | 8.6 | 7.8 | 3.6 |
| SS15_053 | Sphere563 | SS15_048 | Sphere563 | 2.3 | 2.3 | 0.5 |
| SS15_053 | Sphere 96 | SS15_048 | Sphere96 | 29.3 | 26.0 | 13.4 |
| SS15_053 | SA15_32 | SS15_048 | SA15_32 | 6.4 | 4.4 | 4.5 |
| SS15_053 | SA15_32 | SS15_049 | SA15_32 | 15.1 | 14.9 | 2.0 |
| SS15_053 | SA15_23 | SS15_049 | SA15_23 | 11.5 | 11.5 | 0.9 |
| SS15_053 | SA15_32 | SS15_050 | SA15_32 | 14.2 | 14.1 | 0.7 |
| SS15_053 | SA15_33 | SS15_051 | SA15_33 | 14.3 | 14.2 | 1.6 |
| SS15_053 | SA15_24 | SS15_051 | SA15_24 | 10.0 | 9.9 | 0.4 |
| SS15_053 | SA15_23 | SS15_051 | SA15_23 | 8.0 | 8.0 | 0.1 |
| SS15_053 | SA15_23 | SS15_052 | SA15_23 | 3.5 | 3.5 | 0.2 |
| SS15_053 | SA15_25 | SS15_052 | SA15_25 | 2.0 | 1.9 | 0.3 |
| SS15_053 | SA15_24 | SS15_052 | SA15_24 | 6.7 | 6.6 | 1.0 |
| SS15_053 | Sphere 96 | SS15_045 | Sphere 96 | 29.9 | 29.9 | 2.3 |
| SS15_053 | SA15_32 | SS15_045 | SA15_32 | 7.3 | 6.0 | 4.1 |
| SS15_053 | SA15_23 | SS15_045 | SA15_23 | 6.5 | 4.8 | 4.4 |
| SS15_053 | Sphere554 | SS15_054 | Sphere554 | 2.0 | 1.1 | 1.6 |
| SS15_053 | SA15_23 | SS15_054 | SA15_23 | 6.1 | 5.8 | 2.1 |
| SS15_053 | SA15_24 | SS15_054 | SA15_24 | 7.9 | 7.2 | 3.4 |
| SS15_054 | Sphere 142 | SS15_010 | Sphere142 | 7.8 | 5.3 | 5.7 |
| SS15_054 | Sphere 141 | SS15_010 | Sphere141 | 10.5 | 5.5 | 9.0 |
| SS15_054 | Sphere141 | SS15_021 | Sphere141 | 35.8 | 34.6 | 9.1 |
| SS15_054 | Sphere98 | SS15_022 | Sphere98 | 10.8 | 9.4 | 5.3 |


| SS15_054 | Sphere 98 | SS15_025 | Sphere98 | 11.6 | 10.2 | 5.6 | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SS15_054 | SA15_25 | SS15_044 | SA15_25 | 10.5 | 9.8 | 3.7 | - |
| SS15_054 | SA15_24 | SS15_044 | SA15_24 | 8.6 | 8.2 | 2.6 | - |
| SS15_054 | SA15_23 | SS15_044 | SA15_23 | 2.8 | 2.6 | 1.1 | - |
| SS15_054 | Sphere142 | SS15_044 | Sphere142 | 4.3 | 4.2 | 0.6 | - |
| SS15_054 | SA15_23 | SS15_043 | SA15_23 | 13.2 | 12.9 | 2.7 | - |
| SS15_054 | SA15_25 | SS15_043 | SA15_25 | 12.0 | 11.9 | 0.8 | - |
| SS15_054 | SA15_23 | SS15_046 | SA15_23 | 3.3 | 1.6 | 2.9 | - |
| SS15_054 | SA15_24 | SS15_046 | SA15_24 | 3.6 | 3.2 | 1.7 | - |
| SS15_054 | SA15_24 | SS15_047 | SA15_24 | 12.9 | 12.8 | 1.0 | - |
| SS15_054 | Sphere554 | SS15_047 | Sphere554 | 13.7 | 13.0 | 4.4 | - |
| SS15_054 | SA15_23 | SS15_047 | SA15_23 | 7.1 | 7.0 | 1.1 | - |
| SS15_054 | SA15_33 | SS15_051 | SA15_33 | 10.4 | 9.4 | 4.3 | - |
| SS15_054 | SA15_24 | SS15_051 | SA15_24 | 13.6 | 13.3 | 3.0 | - |
| SS15_054 | SA15_23 | SS15_051 | SA15_23 | 12.7 | 12.5 | 2.2 | - |
| SS15_054 | SA15_23 | SS15_052 | SA15_23 | 9.1 | 8.8 | 2.3 | - |
| SS15_054 | SA15_25 | SS15_052 | SA15_25 | 14.8 | 14.8 | 1.0 | - |
| SS15_054 | SA15_24 | SS15_052 | SA15_24 | 12.8 | 12.0 | 4.4 | - |
| SS15_054 | SA15_33 | SS15_053 | SA15_33 | 8.9 | 8.5 | 2.7 | - |
| SS15_054 | SA15_25 | SS15_053 | SA15_25 | 13.2 | 13.2 | 1.3 | - |
| SS15_054 | SA15_23 | SS15_045 | SA15_23 | 2.5 | 1.1 | 2.3 | - |

## Inclinometer Mismatches

| Cluster/Scan | Scan | Mismatch [deg] |
| :---: | :---: | :---: |
| SS15_038 | SS15_038 | 0.0078 |
| SS15_009 | SS15_009 | 0.0168 |
| SS15_010 | SS15_010 | 0.0111 |
| SS15_040 | SS15_040 | 0.0098 |
| SS15_027 | SS15_027 | 0.0074 |
| SS15_048 | SS15_048 | 0.0065 |
| SS15_030 | SS15_030 | 0.0066 |
| SS15_015 | SS15_015 | 0.0110 |
| SS15_020 | SS15_020 | 0.0047 |
| SS15_046 | SS15_046 | 0.0096 |
| SS15_011 | SS15_011 | 0.0050 |
| SS15_049 | SS15_049 | 0.0012 |
| SS15_005 | SS15_005 | 0.0173 |
| SS15_003 | SS15_003 | 0.0188 |
| SS15_018 | SS15_018 | 0.0100 |
| SS15_021 | SS15_021 | 0.0061 |
| SS15_039 | SS15_039 | 0.0053 |
| SS15_007 | SS15_007 | 0.0042 |
| SS15_052 | SS15_052 | 0.0068 |
| SS15_023 | SS15_023 | 0.0089 |
| SS15_047 | SS15_047 | 0.0038 |
| SS15_000 | SS15_000 | 0.0179 |
| SS15_024 | SS15_024 | 0.0061 |
| SS15_013 | SS15_013 | 0.0095 |
| SS15_042 | SS15_042 | 0.0160 |
| SS15_035 | SS15_035 | 0.0083 |
| SS15_004 | SS15_004 | 0.0091 |
| SS15_025 | SS15_025 | 0.0050 |
| SS15_037 | SS15_037 | 0.0008 |
| SS15_006 | SS15_006 | 0.0145 |
| SS15_051 | SS15_051 | 0.0104 |
| SS15_036 | SS15_036 | 0.0021 |
| SS15_016 | SS15_016 | 0.0067 |
| SS15_012 | SS15_012 | 0.0031 |
| SS15_041 | SS15_041 | 0.0113 |
| SS15_014 | SS15_014 | 0.0126 |


| SS15_002 | SS15_002 | 0.0090 |
| :--- | :--- | :--- |
| SS15_029 | SS15_029 | 0.0079 |
| SS15_017 | SS15_017 | 0.0071 |
| SS15_019 | SS15_019 | 0.0036 |
| SS15_033 | SS15_033 | 0.0129 |
| SS15_044 | SS15_044 | 0.0023 |
| SS15_053 | SS15_053 | 0.0051 |
| SS15_026 | SS15_026 | 0.0120 |
| SS15_022 | SS15_022 | 0.0046 |
| SS15_008 | SS15_008 | 0.0169 |
| SS15_028 | SS15_028 | 0.0035 |
| SS15_001 | SS15_001 | 0.0167 |
| SS15_034 | SS15_034 | 0.0107 |
| SS15_045 | SS15_045 | 0.0090 |
| SS15_050 | SS15_050 | 0.0079 |
| SS15_043 | SS15_043 | 0.0043 |
| SS15_031 | SS15_031 | 0.0115 |
| SS15_032 | SS15_032 | 0.0148 |
| SS15_054 | SS15_054 | 0.0242 |

