|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sam # | Depth | Age (BP) | 12  | 11.75 | 11.5 | 11.25 | 11 | 10.75 | 10.5 | 10.25 | 10 | 9.75 | 9.5 | 9.25 | 9 |
| 57 | 22 | 418 | 0 | 0 | 0 | 0 | 0.1 | 0.12 | 0.13 | 0.13 | 0.23 | 0.2 | 0.18 | 0.18 | 0.38 |
| 56 | 24.5 | 1023 | 0 | 0 | 0 | 0 | 0.1 | 0.12 | 0.14 | 0.13 | 0.23 | 0.2 | 0.18 | 0.18 | 0.39 |
| 55 | 27 | 1607 | 0 | 0 | 0 | 0 | 0.02 | 0.18 | 0.2 | 0.2 | 0.35 | 0.3 | 0.28 | 0.28 | 0.59 |
| 54 | 29.5 | 2168 | 0 | 0 | 0 | 0 | 0.02 | 0.18 | 0.2 | 0.19 | 0.35 | 0.3 | 0.28 | 0.28 | 0.59 |
| 53 | 32 | 2709 | 0 | 0 | 0 | 0 | 0.02 | 0.15 | 0.18 | 0.17 | 0.31 | 0.27 | 0.25 | 0.25 | 0.54 |
| 52 | 34.5 | 3229 | 0 | 0 | 0 | 0 | 0.09 | 0.19 | 0.2 | 0.2 | 0.35 | 0.3 | 0.28 | 0.27 | 0.57 |
| 51 | 37 | 3728 | 0 | 0 | 0 | 0 | 0.1 | 0.22 | 0.24 | 0.23 | 0.41 | 0.35 | 0.33 | 0.33 | 0.7 |
| 50 | 39.5 | 4208 | 0 | 0 | 0 | 0 | 0.09 | 0.19 | 0.21 | 0.2 | 0.35 | 0.3 | 0.28 | 0.28 | 0.6 |
| 49 | 42 | 4669 | 0 | 0 | 0 | 0 | 0.02 | 0.17 | 0.19 | 0.18 | 0.32 | 0.27 | 0.25 | 0.25 | 0.52 |
| 48 | 44.5 | 5112 | 0 | 0 | 0 | 0 | 0.09 | 0.18 | 0.2 | 0.19 | 0.34 | 0.29 | 0.26 | 0.26 | 0.55 |
| 47 | 47 | 5536 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.18 | 0.17 | 0.3 | 0.25 | 0.24 | 0.23 | 0.49 |
| 46 | 49.5 | 5943 | 0 | 0 | 0 | 0 | 0.01 | 0.14 | 0.16 | 0.15 | 0.27 | 0.23 | 0.21 | 0.21 | 0.43 |
| 45 | 52 | 6333 | 0 | 0 | 0 | 0 | 0.01 | 0.14 | 0.16 | 0.15 | 0.27 | 0.22 | 0.2 | 0.2 | 0.43 |
| 44 | 54.5 | 6707 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.18 | 0.17 | 0.3 | 0.25 | 0.23 | 0.23 | 0.48 |
| 43 | 57 | 7065 | 0 | 0 | 0 | 0 | 0.02 | 0.15 | 0.18 | 0.17 | 0.3 | 0.25 | 0.23 | 0.23 | 0.48 |
| 42 | 59.5 | 7407 | 0 | 0 | 0 | 0 | 0.02 | 0.17 | 0.19 | 0.18 | 0.31 | 0.26 | 0.23 | 0.23 | 0.49 |
| 41 | 62 | 7735 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.18 | 0.17 | 0.3 | 0.25 | 0.23 | 0.23 | 0.49 |
| 40 | 64.5 | 8049 | 0 | 0 | 0 | 0 | 0.02 | 0.15 | 0.18 | 0.17 | 0.3 | 0.26 | 0.24 | 0.23 | 0.5 |
| 39 | 67 | 8349 | 0 | 0 | 0 | 0 | 0.01 | 0.13 | 0.16 | 0.15 | 0.27 | 0.23 | 0.21 | 0.21 | 0.45 |
| 38 | 69.5 | 8635 | 0 | 0 | 0 | 0 | 0.02 | 0.15 | 0.17 | 0.17 | 0.29 | 0.25 | 0.23 | 0.23 | 0.48 |
| 37 | 72 | 8910 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.18 | 0.18 | 0.3 | 0.25 | 0.23 | 0.23 | 0.49 |
| 36 | 74.5 | 9172 | 0 | 0 | 0 | 0 | 0.01 | 0.13 | 0.16 | 0.15 | 0.27 | 0.23 | 0.21 | 0.21 | 0.44 |
| 35 | 77 | 9422 | 0 | 0 | 0 | 0 | 0.02 | 0.17 | 0.19 | 0.18 | 0.32 | 0.27 | 0.25 | 0.25 | 0.54 |
| 34 | 79.5 | 9662 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.18 | 0.17 | 0.3 | 0.26 | 0.24 | 0.24 | 0.51 |
| 33 | 82 | 9891 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.18 | 0.17 | 0.3 | 0.25 | 0.23 | 0.23 | 0.49 |
| 32 | 84.5 | 10110 | 0 | 0 | 0 | 0 | 0.02 | 0.15 | 0.18 | 0.17 | 0.3 | 0.26 | 0.24 | 0.24 | 0.51 |
| 31 | 87 | 10319 | 0 | 0 | 0 | 0 | 0.01 | 0.12 | 0.15 | 0.14 | 0.25 | 0.21 | 0.2 | 0.2 | 0.43 |
| 30 | 89.5 | 10520 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.19 | 0.18 | 0.31 | 0.26 | 0.24 | 0.24 | 0.52 |
| 29 | 92 | 10712 | 0 | 0 | 0 | 0 | 0.1 | 0.2 | 0.22 | 0.21 | 0.36 | 0.3 | 0.28 | 0.27 | 0.57 |
| 28 | 94.5 | 10897 | 0 | 0 | 0 | 0 | 0.02 | 0.15 | 0.18 | 0.17 | 0.3 | 0.26 | 0.24 | 0.23 | 0.49 |
| 27 | 97 | 11074 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.18 | 0.17 | 0.3 | 0.25 | 0.23 | 0.22 | 0.47 |
| 26 | 99.5 | 11245 | 0 | 0 | 0 | 0 | 0.01 | 0.14 | 0.17 | 0.16 | 0.28 | 0.24 | 0.22 | 0.22 | 0.47 |
| 25 | 102 | 11410 | 0 | 0 | 0 | 0 | 0.02 | 0.17 | 0.19 | 0.18 | 0.32 | 0.27 | 0.25 | 0.25 | 0.54 |
| 24 | 104.5 | 11568 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.19 | 0.18 | 0.32 | 0.27 | 0.25 | 0.25 | 0.55 |
| 23 | 107 | 11722 | 0 | 0 | 0 | 0 | 0.02 | 0.18 | 0.2 | 0.19 | 0.33 | 0.28 | 0.26 | 0.26 | 0.55 |
| 22 | 109.5 | 11871 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.18 | 0.18 | 0.31 | 0.26 | 0.24 | 0.24 | 0.51 |
| 21 | 112 | 12016 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.19 | 0.18 | 0.31 | 0.26 | 0.24 | 0.24 | 0.52 |
| 20 | 114.5 | 12158 | 0 | 0 | 0 | 0 | 0.02 | 0.17 | 0.19 | 0.18 | 0.32 | 0.27 | 0.24 | 0.24 | 0.51 |
| 19 | 117 | 12296 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.18 | 0.17 | 0.31 | 0.26 | 0.24 | 0.24 | 0.51 |
| 18 | 119.5 | 12433 | 0 | 0 | 0 | 0 | 0.01 | 0.14 | 0.17 | 0.17 | 0.29 | 0.25 | 0.23 | 0.23 | 0.48 |
| 17 | 122 | 12567 | 0 | 0 | 0 | 0 | 0.01 | 0.13 | 0.15 | 0.15 | 0.27 | 0.23 | 0.21 | 0.21 | 0.45 |
| 16 | 124.5 | 12700 | 0 | 0 | 0 | 0 | 0.01 | 0.14 | 0.17 | 0.16 | 0.28 | 0.24 | 0.22 | 0.21 | 0.45 |
| 15 | 127 | 12832 | 0 | 0 | 0 | 0 | 0.02 | 0.15 | 0.17 | 0.16 | 0.28 | 0.24 | 0.21 | 0.21 | 0.45 |
| 14 | 129.5 | 12964 | 0 | 0 | 0 | 0 | 0.01 | 0.14 | 0.16 | 0.16 | 0.28 | 0.23 | 0.21 | 0.21 | 0.45 |
| 13 | 132 | 13096 | 0 | 0 | 0 | 0 | 0.02 | 0.15 | 0.18 | 0.17 | 0.3 | 0.25 | 0.23 | 0.23 | 0.48 |
| 12 | 134.5 | 13228 | 0 | 0 | 0 | 0 | 0.02 | 0.16 | 0.18 | 0.18 | 0.31 | 0.25 | 0.24 | 0.23 | 0.49 |
| 11 | 137 | 13362 | 0 | 0 | 0 | 0 | 0.02 | 0.15 | 0.18 | 0.17 | 0.29 | 0.24 | 0.22 | 0.22 | 0.45 |
| 10 | 139.5 | 13498 | 0 | 0 | 0 | 0 | 0.02 | 0.18 | 0.2 | 0.19 | 0.34 | 0.29 | 0.26 | 0.25 | 0.52 |
| 9 | 142 | 13541 | 0 | 0 | 0 | 0 | 0.02 | 0.17 | 0.19 | 0.19 | 0.33 | 0.28 | 0.25 | 0.25 | 0.51 |
| 8 | 144.5 | 13627 | 0 | 0 | 0 | 0 | 0.02 | 0.17 | 0.2 | 0.19 | 0.33 | 0.28 | 0.25 | 0.25 | 0.51 |
| 7 | 147 | 13714 | 0 | 0 | 0 | 0 | 0.02 | 0.17 | 0.2 | 0.19 | 0.33 | 0.27 | 0.25 | 0.24 | 0.49 |
| 6 | 149.5 | 13800 | 0 | 0 | 0 | 0 | 0.02 | 0.19 | 0.21 | 0.2 | 0.36 | 0.3 | 0.26 | 0.25 | 0.51 |
| 5 | 152 | 13887 | 0 | 0 | 0 | 0 | 0.02 | 0.18 | 0.21 | 0.2 | 0.36 | 0.29 | 0.26 | 0.25 | 0.49 |
| 4 | 154.5 | 13974 | 0 | 0 | 0 | 0 | 0.09 | 0.2 | 0.22 | 0.21 | 0.37 | 0.3 | 0.26 | 0.24 | 0.45 |
| 3 | 157 | 14060 | 0 | 0 | 0 | 0 | 0.11 | 0.23 | 0.24 | 0.24 | 0.42 | 0.35 | 0.3 | 0.27 | 0.51 |
| 2 | 159.5 | 14147 | 0 | 0 | 0 | 0 | 0.11 | 0.22 | 0.23 | 0.23 | 0.4 | 0.33 | 0.28 | 0.25 | 0.47 |
| 1 | 162 | 14233 | 0 | 0 | 0 | 0 | 0.12 | 0.24 | 0.26 | 0.25 | 0.44 | 0.36 | 0.32 | 0.29 | 0.55 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sam # | 8.75 | 8.5 | 8.25 | 8 | 7.75 | 7.5 | 7.25 | 7 | 6.75 | 6.5 | 6.25 | 6 | 5.75 | 5.5 | 5.25 |
| 57 | 0.3 | 0.53 | 0.56 | 0.7 | 0.83 | 1.09 | 1.33 | 1.43 | 1.71 | 1.82 | 2.06 | 2.21 | 2.37 | 2.5 | 2.77 |
| 56 | 0.32 | 0.56 | 0.6 | 0.76 | 0.92 | 1.22 | 1.52 | 1.67 | 2.05 | 2.25 | 2.65 | 2.96 | 3.31 | 3.6 | 4.04 |
| 55 | 0.48 | 0.86 | 0.9 | 1.13 | 1.35 | 1.77 | 2.16 | 2.32 | 2.82 | 3.05 | 3.55 | 3.94 | 4.37 | 4.7 | 5.18 |
| 54 | 0.47 | 0.84 | 0.88 | 1.09 | 1.31 | 1.71 | 2.1 | 2.25 | 2.75 | 2.97 | 3.44 | 3.78 | 4.16 | 4.43 | 4.88 |
| 53 | 0.44 | 0.77 | 0.82 | 1.03 | 1.24 | 1.64 | 2.03 | 2.2 | 2.68 | 2.89 | 3.33 | 3.64 | 3.96 | 4.18 | 4.57 |
| 52 | 0.45 | 0.79 | 0.82 | 1.01 | 1.2 | 1.57 | 1.91 | 2.05 | 2.48 | 2.66 | 3.06 | 3.34 | 3.65 | 3.9 | 4.34 |
| 51 | 0.57 | 1 | 1.04 | 1.29 | 1.53 | 1.97 | 2.39 | 2.54 | 3.03 | 3.23 | 3.67 | 3.95 | 4.23 | 4.39 | 4.68 |
| 50 | 0.48 | 0.84 | 0.87 | 1.07 | 1.27 | 1.65 | 2.01 | 2.16 | 2.62 | 2.82 | 3.25 | 3.57 | 3.89 | 4.12 | 4.49 |
| 49 | 0.41 | 0.73 | 0.76 | 0.94 | 1.12 | 1.46 | 1.8 | 1.96 | 2.38 | 2.59 | 3.03 | 3.37 | 3.76 | 4.1 | 4.63 |
| 48 | 0.44 | 0.76 | 0.79 | 0.97 | 1.16 | 1.51 | 1.84 | 1.98 | 2.4 | 2.6 | 3.01 | 3.31 | 3.64 | 3.91 | 4.35 |
| 47 | 0.39 | 0.67 | 0.7 | 0.87 | 1.04 | 1.36 | 1.68 | 1.82 | 2.21 | 2.39 | 2.76 | 3.02 | 3.32 | 3.57 | 4.01 |
| 46 | 0.34 | 0.6 | 0.63 | 0.79 | 0.96 | 1.27 | 1.59 | 1.73 | 2.12 | 2.31 | 2.69 | 2.99 | 3.33 | 3.65 | 4.2 |
| 45 | 0.34 | 0.6 | 0.64 | 0.8 | 0.96 | 1.28 | 1.59 | 1.74 | 2.14 | 2.34 | 2.74 | 3.04 | 3.4 | 3.72 | 4.25 |
| 44 | 0.39 | 0.69 | 0.73 | 0.91 | 1.1 | 1.45 | 1.82 | 1.98 | 2.42 | 2.64 | 3.08 | 3.43 | 3.84 | 4.2 | 4.75 |
| 43 | 0.39 | 0.69 | 0.74 | 0.93 | 1.13 | 1.5 | 1.87 | 2.04 | 2.51 | 2.75 | 3.22 | 3.59 | 4.01 | 4.35 | 4.9 |
| 42 | 0.39 | 0.7 | 0.74 | 0.93 | 1.13 | 1.51 | 1.88 | 2.06 | 2.53 | 2.76 | 3.24 | 3.61 | 4.04 | 4.42 | 5.01 |
| 41 | 0.4 | 0.72 | 0.77 | 0.98 | 1.19 | 1.59 | 2 | 2.19 | 2.7 | 2.95 | 3.45 | 3.83 | 4.25 | 4.58 | 5.09 |
| 40 | 0.4 | 0.72 | 0.77 | 0.98 | 1.19 | 1.6 | 2 | 2.19 | 2.7 | 2.95 | 3.45 | 3.83 | 4.25 | 4.63 | 5.19 |
| 39 | 0.38 | 0.69 | 0.75 | 0.97 | 1.2 | 1.62 | 2.04 | 2.25 | 2.79 | 3.07 | 3.63 | 4.07 | 4.57 | 4.99 | 5.59 |
| 38 | 0.4 | 0.71 | 0.77 | 0.96 | 1.2 | 1.6 | 2.01 | 2.21 | 2.74 | 3.03 | 3.61 | 4.09 | 4.63 | 5.1 | 5.74 |
| 37 | 0.4 | 0.73 | 0.78 | 0.99 | 1.22 | 1.63 | 2.05 | 2.27 | 2.82 | 3.13 | 3.73 | 4.22 | 4.75 | 5.18 | 5.76 |
| 36 | 0.36 | 0.65 | 0.7 | 0.9 | 1.11 | 1.49 | 1.88 | 2.07 | 2.57 | 2.85 | 3.39 | 3.83 | 4.35 | 4.79 | 5.44 |
| 35 | 0.44 | 0.79 | 0.85 | 1.08 | 1.31 | 1.75 | 2.18 | 2.39 | 2.94 | 3.23 | 3.81 | 4.25 | 4.73 | 5.08 | 5.57 |
| 34 | 0.41 | 0.73 | 0.78 | 0.96 | 1.2 | 1.59 | 1.99 | 2.18 | 2.67 | 2.89 | 3.34 | 3.65 | 3.97 | 4.21 | 4.63 |
| 33 | 0.4 | 0.71 | 0.76 | 0.96 | 1.18 | 1.58 | 1.97 | 2.16 | 2.65 | 2.89 | 3.38 | 3.76 | 4.19 | 4.56 | 5.14 |
| 32 | 0.42 | 0.75 | 0.8 | 1.01 | 1.23 | 1.64 | 2.06 | 2.25 | 2.78 | 3.05 | 3.58 | 3.98 | 4.41 | 4.71 | 5.17 |
| 31 | 0.35 | 0.63 | 0.68 | 0.87 | 1.07 | 1.43 | 1.8 | 1.99 | 2.46 | 2.71 | 3.21 | 3.62 | 4.09 | 4.5 | 5.11 |
| 30 | 0.42 | 0.75 | 0.81 | 1.03 | 1.26 | 1.68 | 2.1 | 2.3 | 2.83 | 3.1 | 3.63 | 4.05 | 4.52 | 4.9 | 5.45 |
| 29 | 0.45 | 0.79 | 0.83 | 1.04 | 1.25 | 1.65 | 2.05 | 2.23 | 2.73 | 2.99 | 3.52 | 3.95 | 4.42 | 4.8 | 5.35 |
| 28 | 0.39 | 0.69 | 0.73 | 0.92 | 1.12 | 1.49 | 1.85 | 2.01 | 2.47 | 2.7 | 3.18 | 3.59 | 4.09 | 4.55 | 5.23 |
| 27 | 0.37 | 0.66 | 0.71 | 0.89 | 1.08 | 1.44 | 1.79 | 1.97 | 2.43 | 2.69 | 3.19 | 3.62 | 4.14 | 4.6 | 5.27 |
| 26 | 0.39 | 0.71 | 0.76 | 0.98 | 1.2 | 1.62 | 2.04 | 2.26 | 2.8 | 3.09 | 3.65 | 4.09 | 4.58 | 4.97 | 5.54 |
| 25 | 0.44 | 0.79 | 0.85 | 1.09 | 1.34 | 1.8 | 2.26 | 2.5 | 3.09 | 3.4 | 4 | 4.45 | 4.93 | 5.25 | 5.76 |
| 24 | 0.45 | 0.81 | 0.87 | 1.11 | 1.36 | 1.82 | 2.28 | 2.5 | 3.08 | 3.37 | 3.94 | 4.36 | 4.81 | 5.13 | 5.61 |
| 23 | 0.45 | 0.8 | 0.86 | 1.09 | 1.33 | 1.78 | 2.23 | 2.44 | 3.01 | 3.3 | 3.87 | 4.3 | 4.75 | 5.09 | 5.58 |
| 22 | 0.42 | 0.76 | 0.82 | 1.05 | 1.29 | 1.73 | 2.17 | 2.39 | 2.96 | 3.26 | 3.85 | 4.32 | 4.84 | 5.24 | 5.8 |
| 21 | 0.43 | 0.77 | 0.83 | 1.06 | 1.31 | 1.75 | 2.2 | 2.42 | 2.99 | 3.29 | 3.88 | 4.35 | 4.85 | 5.26 | 5.83 |
| 20 | 0.41 | 0.74 | 0.79 | 1.01 | 1.23 | 1.65 | 2.06 | 2.25 | 2.79 | 3.05 | 3.59 | 4.02 | 4.51 | 4.92 | 5.53 |
| 19 | 0.42 | 0.74 | 0.79 | 1.01 | 1.23 | 1.65 | 2.07 | 2.29 | 2.85 | 3.15 | 3.74 | 4.2 | 4.69 | 5.04 | 5.51 |
| 18 | 0.39 | 0.7 | 0.75 | 0.96 | 1.18 | 1.59 | 2 | 2.22 | 2.76 | 3.06 | 3.64 | 4.11 | 4.64 | 5.07 | 5.66 |
| 17 | 0.36 | 0.66 | 0.71 | 0.91 | 1.12 | 1.5 | 1.89 | 2.08 | 2.58 | 2.85 | 3.37 | 3.8 | 4.29 | 4.69 | 5.24 |
| 16 | 0.37 | 0.66 | 0.71 | 0.91 | 1.12 | 1.5 | 1.89 | 2.08 | 2.58 | 2.86 | 3.39 | 3.83 | 4.32 | 4.71 | 5.27 |
| 15 | 0.37 | 0.66 | 0.7 | 0.9 | 1.1 | 1.48 | 1.86 | 2.06 | 2.56 | 2.84 | 3.38 | 3.82 | 4.32 | 4.73 | 5.31 |
| 14 | 0.36 | 0.64 | 0.69 | 0.88 | 1.09 | 1.46 | 1.84 | 2.02 | 2.5 | 2.75 | 3.25 | 3.66 | 4.14 | 4.56 | 5.16 |
| 13 | 0.38 | 0.68 | 0.73 | 0.92 | 1.13 | 1.51 | 1.89 | 2.08 | 2.58 | 2.85 | 3.38 | 3.81 | 4.31 | 4.72 | 5.32 |
| 12 | 0.39 | 0.7 | 0.74 | 0.94 | 1.14 | 1.52 | 1.9 | 2.08 | 2.57 | 2.84 | 3.36 | 3.79 | 4.29 | 4.71 | 5.32 |
| 11 | 0.36 | 0.64 | 0.68 | 0.85 | 1.05 | 1.4 | 1.76 | 1.95 | 2.41 | 2.67 | 3.17 | 3.58 | 4.06 | 4.48 | 5.09 |
| 10 | 0.41 | 0.72 | 0.77 | 0.97 | 1.12 | 1.57 | 1.96 | 2.15 | 2.65 | 2.91 | 3.45 | 3.9 | 4.43 | 4.89 | 5.53 |
| 9 | 0.41 | 0.73 | 0.78 | 0.99 | 1.2 | 1.61 | 2.01 | 2.2 | 2.71 | 2.96 | 3.52 | 3.96 | 4.48 | 4.93 | 5.57 |
| 8 | 0.41 | 0.73 | 0.78 | 0.99 | 1.21 | 1.61 | 2.02 | 2.22 | 2.74 | 3.02 | 3.56 | 4 | 4.51 | 4.94 | 5.54 |
| 7 | 0.39 | 0.7 | 0.75 | 0.95 | 1.17 | 1.57 | 1.98 | 2.17 | 2.69 | 2.97 | 3.54 | 4.02 | 4.59 | 5.09 | 5.77 |
| 6 | 0.4 | 0.7 | 0.74 | 0.94 | 1.15 | 1.55 | 1.94 | 2.14 | 2.65 | 2.93 | 3.5 | 4 | 4.59 | 5.12 | 5.84 |
| 5 | 0.38 | 0.66 | 0.7 | 0.89 | 1.1 | 1.48 | 1.87 | 2.07 | 2.57 | 2.86 | 3.42 | 3.92 | 4.53 | 5.07 | 5.8 |
| 4 | 0.34 | 0.58 | 0.6 | 0.75 | 0.92 | 1.24 | 1.56 | 1.72 | 2.15 | 2.4 | 2.9 | 3.38 | 4.01 | 4.64 | 5.5 |
| 3 | 0.38 | 0.63 | 0.64 | 0.78 | 0.93 | 1.21 | 1.48 | 1.6 | 1.97 | 2.2 | 2.71 | 3.25 | 4 | 4.77 | 5.77 |
| 2 | 0.34 | 0.57 | 0.58 | 0.71 | 0.84 | 1.09 | 1.32 | 1.43 | 1.75 | 1.96 | 2.4 | 2.89 | 3.56 | 4.28 | 5.25 |
| 1 | 0.41 | 0.69 | 0.7 | 0.86 | 1.04 | 1.39 | 1.75 | 1.94 | 2.44 | 2.73 | 3.3 | 3.8 | 4.39 | 4.91 | 5.62 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sam # | 5 | 4.75 | 4.5 | 4.25 | 4 | 3.75 | 3.5 | 3.25 | 3 | 2.75 | 2.5 | 2.25 | 2 | 1.75 | 1.5 |
| 57 | 2.95 | 3.75 | 4.09 | 4.67 | 5.05 | 5.29 | 5.26 | 4.9 | 4.35 | 3.69 | 3.01 | 2.47 | 2.12 | 1.95 | 1.92 |
| 56 | 4.25 | 5.27 | 5.53 | 6.05 | 6.28 | 6.32 | 6.05 | 5.41 | 4.58 | 3.62 | 2.67 | 1.88 | 1.29 | 0.91 | 0.72 |
| 55 | 5.3 | 6.31 | 6.29 | 6.48 | 6.32 | 5.95 | 5.3 | 4.4 | 3.41 | 2.44 | 1.58 | 0.92 | 0.48 | 0.23 | 0.14 |
| 54 | 5.04 | 6.11 | 6.25 | 6.67 | 6.73 | 6.56 | 6.06 | 5.2 | 4.18 | 3.09 | 2.09 | 1.29 | 0.71 | 0.36 | 0.16 |
| 53 | 4.69 | 5.69 | 5.85 | 6.3 | 6.44 | 6.37 | 5.98 | 5.23 | 4.3 | 3.28 | 2.31 | 1.52 | 0.95 | 0.58 | 0.38 |
| 52 | 4.55 | 5.63 | 5.91 | 6.44 | 6.66 | 6.64 | 6.27 | 5.51 | 4.56 | 3.49 | 2.46 | 1.61 | 0.96 | 0.54 | 0.3 |
| 51 | 4.7 | 5.55 | 5.58 | 5.85 | 5.88 | 5.71 | 5.29 | 4.57 | 3.73 | 2.83 | 1.98 | 1.29 | 0.77 | 0.42 | 0.22 |
| 50 | 4.61 | 5.58 | 5.74 | 6.19 | 6.37 | 6.36 | 6.04 | 5.37 | 4.5 | 3.51 | 2.53 | 1.68 | 1.02 | 0.57 | 0.3 |
| 49 | 4.92 | 6.15 | 6.5 | 7.11 | 7.34 | 7.29 | 6.82 | 5.91 | 4.76 | 3.51 | 2.32 | 1.34 | 0.66 | 0.16 | 0 |
| 48 | 4.56 | 5.64 | 5.93 | 6.48 | 6.71 | 6.72 | 6.38 | 5.64 | 4.68 | 3.59 | 2.52 | 1.64 | 0.98 | 0.56 | 0.35 |
| 47 | 4.28 | 5.44 | 5.9 | 6.66 | 7.12 | 7.34 | 7.15 | 6.46 | 5.46 | 4.24 | 2.99 | 1.9 | 1.07 | 0.51 | 0.21 |
| 46 | 4.58 | 5.92 | 6.47 | 7.3 | 7.75 | 7.88 | 7.53 | 6.64 | 5.43 | 4.05 | 2.71 | 1.59 | 0.79 | 0.27 | 0.05 |
| 45 | 4.59 | 5.87 | 6.35 | 7.12 | 7.54 | 7.68 | 7.38 | 6.56 | 5.44 | 4.13 | 2.83 | 1.74 | 0.92 | 0.37 | 0.09 |
| 44 | 5.06 | 6.31 | 6.61 | 7.16 | 7.31 | 7.19 | 6.68 | 5.76 | 4.64 | 3.43 | 2.27 | 1.32 | 0.64 | 0.15 | 0 |
| 43 | 5.15 | 6.36 | 6.61 | 7.11 | 7.22 | 7.06 | 6.52 | 5.59 | 4.46 | 3.26 | 2.13 | 1.22 | 0.57 | 0.13 | 0 |
| 42 | 5.31 | 6.61 | 6.9 | 7.42 | 7.49 | 7.24 | 6.56 | 5.47 | 4.2 | 2.9 | 1.74 | 0.87 | 0.26 | 0 | 0 |
| 41 | 5.3 | 6.45 | 6.62 | 7.04 | 7.07 | 6.83 | 6.22 | 5.25 | 4.12 | 2.94 | 1.87 | 1.03 | 0.43 | 0.1 | 0 |
| 40 | 5.46 | 6.72 | 6.93 | 7.36 | 7.35 | 7 | 6.25 | 5.13 | 3.86 | 2.61 | 1.52 | 0.72 | 0.19 | 0 | 0 |
| 39 | 5.83 | 7.06 | 7.13 | 7.4 | 7.21 | 6.71 | 5.86 | 4.69 | 3.45 | 2.27 | 1.27 | 0.55 | 0.13 | 0 | 0 |
| 38 | 5.99 | 7.23 | 7.24 | 7.44 | 7.16 | 6.57 | 5.66 | 4.48 | 3.28 | 2.16 | 1.24 | 0.59 | 0.17 | 0 | 0 |
| 37 | 5.93 | 7.07 | 7.03 | 7.2 | 6.94 | 6.42 | 5.59 | 4.49 | 3.33 | 2.22 | 1.29 | 0.62 | 0.18 | 0 | 0 |
| 36 | 5.74 | 7.04 | 7.21 | 7.58 | 7.47 | 7.04 | 6.21 | 5.03 | 3.74 | 2.49 | 1.42 | 0.67 | 0.18 | 0 | 0 |
| 35 | 5.66 | 6.67 | 6.57 | 6.69 | 6.43 | 5.95 | 5.21 | 4.23 | 3.21 | 2.23 | 1.41 | 0.8 | 0.42 | 0.2 | 0.11 |
| 34 | 4.81 | 5.92 | 6.2 | 6.78 | 7.04 | 7.03 | 6.64 | 5.8 | 4.7 | 3.47 | 2.28 | 1.3 | 0.6 | 0.13 | 0 |
| 33 | 5.42 | 6.68 | 6.9 | 7.35 | 7.36 | 7.05 | 6.35 | 5.25 | 4 | 2.74 | 1.62 | 0.78 | 0.2 | 0 | 0 |
| 32 | 5.29 | 6.32 | 6.39 | 6.72 | 6.73 | 6.53 | 6.02 | 5.17 | 4.15 | 3.05 | 1.99 | 1.13 | 0.48 | 0.11 | 0 |
| 31 | 5.4 | 6.67 | 6.91 | 7.38 | 7.43 | 7.19 | 6.56 | 5.53 | 4.32 | 3.05 | 1.9 | 0.99 | 0.36 | 0.06 | 0 |
| 30 | 5.65 | 6.82 | 6.88 | 7.17 | 7.02 | 6.6 | 5.84 | 4.76 | 3.58 | 2.42 | 1.43 | 0.69 | 0.19 | 0 | 0 |
| 29 | 5.53 | 6.65 | 6.67 | 6.91 | 6.72 | 6.28 | 5.52 | 4.47 | 3.33 | 2.23 | 1.29 | 0.6 | 0.15 | 0 | 0 |
| 28 | 5.6 | 6.98 | 7.24 | 7.69 | 7.63 | 7.23 | 6.41 | 5.22 | 3.91 | 2.62 | 1.52 | 0.72 | 0.18 | 0 | 0 |
| 27 | 5.62 | 6.95 | 7.18 | 7.62 | 7.58 | 7.21 | 6.43 | 5.27 | 3.99 | 2.71 | 1.6 | 0.78 | 0.23 | 0 | 0 |
| 26 | 5.75 | 6.95 | 7.03 | 7.32 | 7.16 | 6.71 | 5.9 | 4.75 | 3.53 | 2.33 | 1.31 | 0.56 | 0.12 | 0 | 0 |
| 25 | 5.85 | 6.92 | 6.84 | 6.99 | 6.73 | 6.21 | 5.37 | 4.26 | 3.09 | 1.99 | 1.08 | 0.44 | 0.08 | 0 | 0 |
| 24 | 5.7 | 6.75 | 6.7 | 6.87 | 6.65 | 6.18 | 5.42 | 4.38 | 3.28 | 2.21 | 1.31 | 0.65 | 0.19 | 0 | 0 |
| 23 | 5.69 | 6.76 | 6.73 | 6.93 | 6.73 | 6.29 | 5.53 | 4.48 | 3.35 | 2.26 | 1.31 | 0.61 | 0.17 | 0 | 0 |
| 22 | 5.95 | 7.06 | 6.99 | 7.12 | 6.82 | 6.26 | 5.41 | 4.3 | 3.16 | 2.08 | 1.18 | 0.52 | 0.13 | 0 | 0 |
| 21 | 5.96 | 7.12 | 7.06 | 7.2 | 6.88 | 6.29 | 5.38 | 4.22 | 3.03 | 1.93 | 1.03 | 0.42 | 0.08 | 0 | 0 |
| 20 | 5.78 | 7.02 | 7.12 | 7.42 | 7.23 | 6.73 | 5.85 | 4.65 | 3.39 | 2.2 | 1.22 | 0.54 | 0.14 | 0 | 0 |
| 19 | 5.58 | 6.54 | 6.4 | 6.49 | 6.22 | 5.77 | 5.08 | 4.19 | 3.27 | 2.38 | 1.61 | 1.03 | 0.62 | 0.37 | 0.24 |
| 18 | 5.86 | 7.02 | 7 | 7.17 | 6.91 | 6.38 | 5.56 | 4.5 | 3.41 | 2.39 | 1.53 | 0.9 | 0.47 | 0.18 | 0.04 |
| 17 | 5.44 | 6.54 | 6.56 | 6.77 | 6.58 | 6.16 | 5.47 | 4.53 | 3.56 | 2.63 | 1.83 | 1.22 | 0.79 | 0.49 | 0.29 |
| 16 | 5.47 | 6.58 | 6.6 | 6.82 | 6.64 | 6.23 | 5.53 | 4.58 | 3.58 | 2.61 | 1.76 | 1.11 | 0.65 | 0.34 | 0.15 |
| 15 | 5.52 | 6.67 | 6.73 | 7 | 6.85 | 6.48 | 5.79 | 4.81 | 3.74 | 2.69 | 1.77 | 1.07 | 0.6 | 0.33 | 0.21 |
| 14 | 5.44 | 6.67 | 6.82 | 7.17 | 7.08 | 6.7 | 5.99 | 4.97 | 3.87 | 2.79 | 1.85 | 1.13 | 0.65 | 0.35 | 0.2 |
| 13 | 5.56 | 6.77 | 6.88 | 7.2 | 7.11 | 6.74 | 6.03 | 5 | 3.88 | 2.76 | 1.78 | 1.05 | 0.55 | 0.26 | 0.12 |
| 12 | 5.57 | 6.78 | 6.9 | 7.23 | 7.13 | 6.76 | 6.05 | 5.02 | 3.9 | 2.78 | 1.78 | 1.02 | 0.51 | 0.19 | 0.04 |
| 11 | 5.38 | 6.61 | 6.8 | 7.19 | 7.16 | 6.83 | 6.15 | 5.13 | 3.99 | 2.86 | 1.85 | 1.08 | 0.55 | 0.24 | 0.11 |
| 10 | 5.79 | 6.99 | 6.99 | 7.16 | 6.85 | 6.27 | 5.41 | 4.31 | 3.22 | 2.23 | 1.43 | 0.88 | 0.54 | 0.35 | 0.26 |
| 9 | 5.83 | 7.07 | 7.13 | 7.37 | 7.13 | 6.6 | 5.74 | 4.6 | 3.42 | 2.31 | 1.39 | 0.73 | 0.32 | 0.1 | 0 |
| 8 | 5.77 | 6.96 | 6.99 | 7.2 | 6.97 | 6.44 | 5.59 | 4.47 | 3.3 | 2.2 | 1.3 | 0.68 | 0.31 | 0.15 | 0.12 |
| 7 | 6.05 | 7.31 | 7.31 | 7.47 | 7.14 | 6.51 | 5.57 | 4.4 | 3.23 | 2.15 | 1.28 | 0.67 | 0.29 | 0.09 | 0 |
| 6 | 6.15 | 7.45 | 7.45 | 7.6 | 7.23 | 6.56 | 5.56 | 4.33 | 3.11 | 2.01 | 1.15 | 0.57 | 0.24 | 0.07 | 0 |
| 5 | 6.11 | 7.39 | 7.36 | 7.45 | 7.02 | 6.27 | 5.23 | 3.99 | 2.8 | 1.76 | 0.98 | 0.48 | 0.24 | 0.18 | 0.22 |
| 4 | 6.01 | 7.53 | 7.74 | 8.04 | 7.74 | 7.06 | 6.01 | 4.69 | 3.4 | 2.27 | 1.39 | 0.82 | 0.5 | 0.34 | 0.28 |
| 3 | 6.34 | 7.86 | 7.89 | 7.94 | 7.35 | 6.4 | 5.18 | 3.85 | 2.69 | 1.81 | 1.24 | 0.96 | 0.87 | 0.85 | 0.84 |
| 2 | 5.87 | 7.47 | 7.75 | 8.11 | 7.86 | 7.27 | 6.33 | 5.16 | 4.01 | 2.98 | 2.13 | 1.48 | 0.99 | 0.62 | 0.35 |
| 1 | 5.93 | 7.22 | 7.27 | 7.47 | 7.17 | 6.58 | 5.67 | 4.53 | 3.39 | 2.37 | 1.55 | 0.96 | 0.58 | 0.34 | 0.15 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sam # | 1.25 | 1 | 0.75 | 0.5 | 0.25 | 0 | -0.25 | -0.5 | -0.75 | -1 | -1.25 | Mean | Mode | Median | % C1 |
| 57 | 1.99 | 2.1 | 2.24 | 2.38 | 2.51 | 2.57 | 2.47 | 2.13 | 1.57 | 0.8 | 0 | 75.34 | 72.083 | 89.52 | 0.84 |
| 56 | 0.67 | 0.73 | 0.86 | 1.02 | 1.16 | 1.25 | 1.23 | 1.07 | 0.78 | 0.4 | 0 | 50.97 | 63.413 | 60.47 | 0.92 |
| 55 | 0.15 | 0.22 | 0.31 | 0.4 | 0.47 | 0.5 | 0.49 | 0.43 | 0.32 | 0.16 | 0 | 34.57 | 49.158 | 41.15 | 0.97 |
| 54 | 0.04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36.55 | 56.732 | 43.44 | 1.00 |
| 53 | 0.28 | 0.25 | 0.24 | 0.26 | 0.29 | 0.32 | 0.33 | 0.3 | 0.23 | 0.11 | 0 | 39.60 | 59.71 | 47.00 | 0.98 |
| 52 | 0.2 | 0.19 | 0.22 | 0.28 | 0.35 | 0.39 | 0.4 | 0.36 | 0.27 | 0.13 | 0 | 42.07 | 61.53 | 49.90 | 0.98 |
| 51 | 0.13 | 0.12 | 0.17 | 0.27 | 0.38 | 0.48 | 0.53 | 0.5 | 0.4 | 0.21 | 0 | 34.11 | 55.45 | 40.65 | 0.97 |
| 50 | 0.16 | 0.11 | 0.12 | 0.16 | 0.22 | 0.27 | 0.3 | 0.28 | 0.23 | 0.12 | 0 | 39.75 | 61.73 | 47.19 | 0.99 |
| 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41.14 | 60.77 | 48.80 | 1.00 |
| 48 | 0.26 | 0.26 | 0.27 | 0.3 | 0.32 | 0.32 | 0.3 | 0.25 | 0.19 | 0.09 | 0 | 42.76 | 62.43 | 50.78 | 0.98 |
| 47 | 0.09 | 0.08 | 0.12 | 0.16 | 0.19 | 0.21 | 0.2 | 0.18 | 0.13 | 0.07 | 0 | 47.31 | 68.14 | 56.14 | 0.99 |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46.43 | 65.10 | 55.12 | 1.00 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46.28 | 65.60 | 54.93 | 1.00 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40.47 | 58.63 | 48.02 | 1.00 |
| 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39.11 | 57.60 | 46.41 | 1.00 |
| 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38.24 | 56.06 | 45.38 | 1.00 |
| 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36.71 | 55.32 | 43.63 | 1.00 |
| 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36.17 | 53.91 | 42.98 | 1.00 |
| 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43.20 | 49.52 | 40.73 | 1.00 |
| 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.68 | 47.48 | 40.14 | 1.00 |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.00 | 47.38 | 39.39 | 1.00 |
| 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36.31 | 51.81 | 43.16 | 1.00 |
| 35 | 0.09 | 0.11 | 0.14 | 0.17 | 0.2 | 0.23 | 0.23 | 0.21 | 0.16 | 0.08 | 0 | 32.57 | 46.43 | 38.89 | 0.99 |
| 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39.38 | 62.18 | 46.71 | 1.00 |
| 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36.81 | 54.56 | 43.73 | 1.00 |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35.63 | 55.12 | 42.38 | 1.00 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38.84 | 55.76 | 46.11 | 1.00 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34.00 | 50.52 | 40.52 | 1.00 |
| 29 | 0 | 0.09 | 0.24 | 0.35 | 0.44 | 0.49 | 0.5 | 0.44 | 0.33 | 0.17 | 0 | 34.53 | 49.27 | 41.13 | 0.97 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37.54 | 53.09 | 44.59 | 1.00 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37.76 | 53.35 | 44.83 | 1.00 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34.19 | 50.32 | 40.72 | 1.00 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31.00 | 47.06 | 37.17 | 1.00 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31.52 | 47.88 | 37.74 | 1.00 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.00 | 48.65 | 38.28 | 1.00 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31.85 | 46.29 | 38.12 | 1.00 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31.52 | 46.38 | 37.77 | 1.00 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34.03 | 49.88 | 40.54 | 1.00 |
| 19 | 0.18 | 0.17 | 0.2 | 0.25 | 0.32 | 0.38 | 0.41 | 0.38 | 0.3 | 0.15 | 0 | 33.72 | 45.46 | 40.18 | 0.98 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.97 | 47.35 | 40.47 | 1.00 |
| 17 | 0.15 | 0.08 | 0.09 | 0.18 | 0.33 | 0.5 | 0.61 | 0.61 | 0.49 | 0.26 | 0 | 37.37 | 48.85 | 44.39 | 0.97 |
| 16 | 0.02 | 0 | 0 | 0.17 | 0.34 | 0.53 | 0.66 | 0.68 | 0.56 | 0.3 | 0 | 37.07 | 49.17 | 44.04 | 0.97 |
| 15 | 0.18 | 0.19 | 0.2 | 0.21 | 0.21 | 0.2 | 0.19 | 0.17 | 0.12 | 0.06 | 0 | 37.01 | 50.50 | 43.98 | 0.99 |
| 14 | 0.13 | 0.11 | 0.11 | 0.13 | 0.17 | 0.2 | 0.21 | 0.19 | 0.14 | 0.07 | 0 | 38.20 | 52.03 | 45.37 | 0.99 |
| 13 | 0.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36.61 | 51.80 | 43.50 | 1.00 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36.53 | 51.75 | 43.42 | 1.00 |
| 11 | 0.09 | 0.13 | 0.19 | 0.24 | 0.28 | 0.29 | 0.27 | 0.23 | 0.16 | 0.08 | 0 | 39.07 | 53.47 | 46.40 | 0.98 |
| 10 | 0.22 | 0.19 | 0.16 | 0.14 | 0.15 | 0.16 | 0.17 | 0.17 | 0.13 | 0.07 | 0 | 34.87 | 46.82 | 41.54 | 0.99 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34.35 | 48.56 | 40.91 | 1.00 |
| 8 | 0.14 | 0.17 | 0.17 | 0.16 | 0.13 | 0.11 | 0.1 | 0.09 | 0.01 | 0 | 0 | 34.26 | 48.28 | 40.80 | 0.99 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.83 | 46.53 | 40.31 | 1.00 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.71 | 46.14 | 40.17 | 1.00 |
| 5 | 0.3 | 0.37 | 0.41 | 0.41 | 0.38 | 0.33 | 0.28 | 0.22 | 0.15 | 0.07 | 0 | 34.54 | 44.89 | 41.11 | 0.97 |
| 4 | 0.24 | 0.2 | 0.16 | 0.13 | 0.11 | 0.1 | 0.1 | 0.09 | 0.02 | 0 | 0 | 38.44 | 48.48 | 45.63 | 1.00 |
| 3 | 0.78 | 0.67 | 0.51 | 0.36 | 0.23 | 0.15 | 0.11 | 0.1 | 0.02 | 0 | 0 | 37.87 | 13.99 | 44.98 | 0.96 |
| 2 | 0.12 | 0.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41.79 | 49.38 | 49.62 | 1.00 |
| 1 | 0.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35.47 | 47.40 | 42.18 | 1.00 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sam # | Std Error % C1 | % C2 | Std Error C2 | Mode C1 phi | Mode C1 microns | Mode C2 phi | Mode C2 microns | Median C1 phi | Std Error Median C1 phi | Median C2 phi | Std Error Median C2 phi |
| 57 | 0.007 | 0.158 | 0.007 | 3.999 | 62.530 | -0.049 | 1034.800 | 4.232 | 0.001 | 0.131 | 0.006 |
| 56 | 0.003 | 0.081 | 0.003 | 4.366 | 48.485 | -0.081 | 1058.104 | 4.608 | 0.001 | 0.091 | 0.012 |
| 55 | 0.002 | 0.032 | 0.002 | 4.832 | 35.101 | -0.111 | 1080.066 | 5.058 | 0.001 | 0.054 | 0.024 |
| 54 | NA |  | NA | 4.706 | 38.326 |  |  | 4.937 | 0.001 | NA | NA |
| 53 | 0.002 | 0.019 | 0.002 | 4.621 | 40.651 | -0.198 | 1146.946 | 4.851 | 0.001 | -0.044 | 0.048 |
| 52 | 0.002 | 0.022 | 0.002 | 4.581 | 41.781 | -0.228 | 1171.240 | 4.813 | 0.001 | -0.083 | 0.048 |
| 51 | 0.002 | 0.027 | 0.002 | 4.874 | 34.098 | -0.299 | 1230.423 | 5.087 | 0.001 | -0.162 | 0.048 |
| 50 | 0.001 | 0.015 | 0.001 | 4.632 | 40.334 | -0.332 | 1258.751 | 4.860 | 0.001 | -0.201 | 0.048 |
| 49 | NA |  | NA | 4.556 | 42.516 |  |  | 4.796 | 0.001 | NA | NA |
| 48 | 0.002 | 0.018 | 0.002 | 4.541 | 42.954 | -0.141 | 1102.603 | 4.775 | 0.001 | 0.017 | 0.048 |
| 47 | 0.001 | 0.011 | 0.001 | 4.393 | 47.589 | -0.246 | 1185.561 | 4.637 | 0.001 | -0.105 | 0.048 |
| 46 | NA |  | NA | 4.382 | 47.956 |  |  | 4.628 | 0.001 | NA | NA |
| 45 | NA |  | NA | 4.379 | 48.077 |  |  | 4.624 | 0.001 | NA | NA |
| 44 | NA |  | NA | 4.561 | 42.357 |  |  | 4.801 | 0.001 | NA | NA |
| 43 | NA |  | NA | 4.602 | 41.170 |  |  | 4.841 | 0.001 | NA | NA |
| 42 | NA |  | NA | 4.647 | 39.910 |  |  | 4.885 | 0.001 | NA | NA |
| 41 | NA |  | NA | 4.683 | 38.924 |  |  | 4.919 | 0.001 | NA | NA |
| 40 | NA |  | NA | 4.716 | 38.056 |  |  | 4.951 | 0.001 | NA | NA |
| 39 | NA |  | NA | 4.766 | 36.759 |  |  | 5.000 | 0.001 | NA | NA |
| 38 | NA |  | NA | 4.788 | 36.190 |  |  | 5.021 | 0.001 | NA | NA |
| 37 | NA |  | NA | 4.809 | 35.673 |  |  | 5.041 | 0.001 | NA | NA |
| 36 | NA |  | NA | 4.687 | 38.812 |  |  | 4.924 | 0.001 | NA | NA |
| 35 | 0.001 | 0.015 | 0.001 | 4.852 | 34.620 | -0.147 | 1107.595 | 5.080 | 0.001 | 0.015 | 0.048 |
| 34 | NA |  | NA | 4.612 | 40.904 |  |  | 4.849 | 0.001 | NA | NA |
| 33 | NA |  | NA | 4.692 | 38.691 |  |  | 4.928 | 0.001 | NA | NA |
| 32 | NA |  | NA | 4.710 | 38.212 |  |  | 4.944 | 0.001 | NA | NA |
| 31 | NA |  | NA | 4.593 | 41.446 |  |  | 4.832 | 0.001 | NA | NA |
| 30 | NA |  | NA | 4.786 | 36.237 |  |  | 5.019 | 0.001 | NA | NA |
| 29 | 0.002 | 0.030 | 0.002 | 4.843 | 34.853 | -0.180 | 1132.873 | 5.072 | 0.001 | -0.028 | 0.024 |
| 28 | NA |  | NA | 4.665 | 39.414 |  |  | 4.902 | 0.001 | NA | NA |
| 27 | NA |  | NA | 4.648 | 39.896 |  |  | 4.885 | 0.001 | NA | NA |
| 26 | NA |  | NA | 4.770 | 36.664 |  |  | 5.003 | 0.001 | NA | NA |
| 25 | NA |  | NA | 4.901 | 33.464 |  |  | 5.130 | 0.001 | NA | NA |
| 24 | NA |  | NA | 4.878 | 34.003 |  |  | 5.107 | 0.001 | NA | NA |
| 23 | NA |  | NA | 4.864 | 34.338 |  |  | 5.093 | 0.001 | NA | NA |
| 22 | NA |  | NA | 4.861 | 34.419 |  |  | 5.091 | 0.001 | NA | NA |
| 21 | NA |  | NA | 4.881 | 33.935 |  |  | 5.111 | 0.001 | NA | NA |
| 20 | NA |  | NA | 4.793 | 36.069 |  |  | 5.026 | 0.001 | NA | NA |
| 19 | 0.002 | 0.025 | 0.002 | 4.803 | 35.825 | -0.183 | 1135.206 | 5.031 | 0.001 | -0.023 | 0.048 |
| 18 | NA |  | NA | 4.759 | 36.923 |  |  | 4.993 | 0.001 | NA | NA |
| 17 | 0.002 | 0.031 | 0.002 | 4.670 | 39.274 | -0.343 | 1268.107 | 4.904 | 0.001 | -0.212 | 0.024 |
| 16 | 0.002 | 0.032 | 0.002 | 4.695 | 38.609 | -0.383 | 1304.105 | 4.929 | 0.001 | -0.262 | 0.024 |
| 15 | 0.001 | 0.015 | 0.001 | 4.666 | 39.387 | 0.010 | 993.298 | 4.901 | 0.001 | 0.193 | 0.049 |
| 14 | 0.001 | 0.012 | 0.001 | 4.625 | 40.526 | -0.188 | 1139.302 | 4.862 | 0.001 | -0.034 | 0.048 |
| 13 | NA |  | NA | 4.669 | 39.298 |  |  | 4.905 | 0.001 | NA | NA |
| 12 | NA |  | NA | 4.678 | 39.056 |  |  | 4.914 | 0.001 | NA | NA |
| 11 | 0.001 | 0.018 | 0.001 | 4.615 | 40.809 | -0.087 | 1061.953 | 4.853 | 0.001 | 0.077 | 0.048 |
| 10 | 0.001 | 0.013 | 0.001 | 4.761 | 36.878 | -0.049 | 1034.606 | 4.992 | 0.001 | 0.139 | 0.049 |
| 9 | NA |  | NA | 4.772 | 36.603 |  |  | 5.005 | 0.001 | NA | NA |
| 8 | 0.001 | 0.009 | 0.001 | 4.790 | 36.157 | 0.278 | 824.851 | 5.021 | 0.001 | 0.446 | Inf |
| 7 | NA |  | NA | 4.785 | 36.269 |  |  | 5.018 | 0.001 | NA | NA |
| 6 | NA |  | NA | 4.799 | 35.920 |  |  | 5.032 | 0.001 | NA | NA |
| 5 | 0.002 | 0.031 | 0.002 | 4.816 | 35.489 | 0.275 | 826.285 | 5.048 | 0.001 | 0.481 | 0.025 |
| 4 | NA |  | NA | 4.611 | 40.915 |  |  | 4.846 | 0.001 | NA | NA |
| 3 | 0.004 | 0.045 | 0.004 | 4.708 | 38.263 | 1.055 | 481.174 | 4.943 | 0.001 | 1.287 | 0.025 |
| 2 | NA |  | NA | 4.475 | 44.956 |  |  | 4.718 | 0.001 | NA | NA |
| 1 | NA |  | NA | 4.737 | 37.503 |  |  | 4.970 | 0.001 | NA | NA |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sam # | Mean C1 phi | Std Error Mean C1 phi | Mean C2 phi | Std Error Mean C2 phi | Std Dev C1 phi | Std Error Std Dev C1 phi | Std Dev C2 phi | Std Error Std Dev C2 phi |
| 57 | 4.326 | 0.031 | 0.228 | 0.033 | 1.938 | 0.023 | 0.689 | 0.023 |
| 56 | 4.711 | 0.018 | 0.185 | 0.033 | 1.639 | 0.015 | 0.658 | 0.024 |
| 55 | 5.154 | 0.016 | 0.143 | 0.041 | 1.576 | 0.012 | 0.624 | 0.031 |
| 54 | 5.036 | 0.016 | NA | NA | 1.569 | 0.011 | NA | NA |
| 53 | 4.948 | 0.017 | 0.039 | 0.058 | 1.645 | 0.012 | 0.576 | 0.042 |
| 52 | 4.912 | 0.017 | -0.003 | 0.046 | 1.642 | 0.012 | 0.542 | 0.034 |
| 51 | 5.175 | 0.017 | -0.087 | 0.036 | 1.699 | 0.013 | 0.509 | 0.027 |
| 50 | 4.957 | 0.017 | -0.129 | 0.049 | 1.660 | 0.012 | 0.485 | 0.037 |
| 49 | 4.901 | 0.015 | NA | NA | 1.497 | 0.010 | NA | NA |
| 48 | 4.875 | 0.017 | 0.103 | 0.060 | 1.640 | 0.013 | 0.595 | 0.043 |
| 47 | 4.744 | 0.016 | -0.028 | 0.061 | 1.558 | 0.011 | 0.524 | 0.045 |
| 46 | 4.738 | 0.014 | NA | NA | 1.450 | 0.010 | NA | NA |
| 45 | 4.734 | 0.015 | NA | NA | 1.468 | 0.010 | NA | NA |
| 44 | 4.907 | 0.015 | NA | NA | 1.484 | 0.010 | NA | NA |
| 43 | 4.946 | 0.015 | NA | NA | 1.484 | 0.010 | NA | NA |
| 42 | 4.990 | 0.014 | NA | NA | 1.451 | 0.010 | NA | NA |
| 41 | 5.022 | 0.015 | NA | NA | 1.487 | 0.010 | NA | NA |
| 40 | 5.055 | 0.014 | NA | NA | 1.450 | 0.010 | NA | NA |
| 39 | 5.104 | 0.014 | NA | NA | 1.421 | 0.010 | NA | NA |
| 38 | 5.125 | 0.014 | NA | NA | 1.426 | 0.010 | NA | NA |
| 37 | 5.144 | 0.014 | NA | NA | 1.443 | 0.010 | NA | NA |
| 36 | 5.030 | 0.014 | NA | NA | 1.410 | 0.010 | NA | NA |
| 35 | 5.178 | 0.015 | 0.102 | 0.061 | 1.529 | 0.011 | 0.611 | 0.046 |
| 34 | 4.953 | 0.015 | NA | NA | 1.516 | 0.010 | NA | NA |
| 33 | 5.033 | 0.014 | NA | NA | 1.451 | 0.010 | NA | NA |
| 32 | 5.046 | 0.015 | NA | NA | 1.510 | 0.010 | NA | NA |
| 31 | 4.939 | 0.014 | NA | NA | 1.431 | 0.010 | NA | NA |
| 30 | 5.121 | 0.015 | NA | NA | 1.463 | 0.010 | NA | NA |
| 29 | 5.172 | 0.015 | 0.055 | 0.035 | 1.494 | 0.011 | 0.570 | 0.026 |
| 28 | 5.008 | 0.014 | NA | NA | 1.424 | 0.010 | NA | NA |
| 27 | 4.992 | 0.014 | NA | NA | 1.423 | 0.010 | NA | NA |
| 26 | 5.107 | 0.014 | NA | NA | 1.431 | 0.010 | NA | NA |
| 25 | 5.230 | 0.015 | NA | NA | 1.456 | 0.010 | NA | NA |
| 24 | 5.207 | 0.015 | NA | NA | 1.482 | 0.010 | NA | NA |
| 23 | 5.193 | 0.015 | NA | NA | 1.480 | 0.010 | NA | NA |
| 22 | 5.192 | 0.014 | NA | NA | 1.448 | 0.010 | NA | NA |
| 21 | 5.212 | 0.014 | NA | NA | 1.438 | 0.010 | NA | NA |
| 20 | 5.129 | 0.014 | NA | NA | 1.440 | 0.010 | NA | NA |
| 19 | 5.128 | 0.016 | 0.064 | 0.048 | 1.562 | 0.011 | 0.604 | 0.037 |
| 18 | 5.095 | 0.015 | NA | NA | 1.470 | 0.010 | NA | NA |
| 17 | 5.006 | 0.016 | -0.140 | 0.031 | 1.539 | 0.011 | 0.485 | 0.024 |
| 16 | 5.032 | 0.015 | -0.195 | 0.026 | 1.505 | 0.010 | 0.447 | 0.020 |
| 15 | 5.004 | 0.015 | 0.291 | 0.079 | 1.516 | 0.011 | 0.702 | 0.057 |
| 14 | 4.966 | 0.015 | 0.051 | 0.066 | 1.506 | 0.011 | 0.581 | 0.050 |
| 13 | 5.009 | 0.015 | NA | NA | 1.485 | 0.010 | NA | NA |
| 12 | 5.018 | 0.015 | NA | NA | 1.478 | 0.010 | NA | NA |
| 11 | 4.958 | 0.015 | 0.166 | 0.055 | 1.488 | 0.011 | 0.619 | 0.041 |
| 10 | 5.092 | 0.015 | 0.240 | 0.097 | 1.530 | 0.012 | 0.724 | 0.070 |
| 9 | 5.108 | 0.015 | NA | NA | 1.459 | 0.010 | NA | NA |
| 8 | 5.122 | 0.015 | 0.536 | 0.088 | 1.490 | 0.011 | 0.638 | 0.063 |
| 7 | 5.121 | 0.014 | NA | NA | 1.441 | 0.010 | NA | NA |
| 6 | 5.135 | 0.014 | NA | NA | 1.431 | 0.010 | NA | NA |
| 5 | 5.151 | 0.015 | 0.591 | 0.059 | 1.441 | 0.011 | 0.807 | 0.043 |
| 4 | 4.947 | 0.016 | NA | NA | 1.580 | 0.010 | NA | NA |
| 3 | 5.046 | 0.017 | 1.408 | 0.090 | 1.487 | 0.015 | 0.944 | 0.054 |
| 2 | 4.826 | 0.015 | NA | NA | 1.483 | 0.010 | NA | NA |
| 1 | 5.072 | 0.015 | NA | NA | 1.507 | 0.010 | NA | NA |