## MNI coordinates
| Conjunction Young Balance & Young Calculation & Old Balance & Old Calculation; | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 |
| --- | --- | --- | --- | --- |
| NaN | NaN | NaN | NaN | NaN |
| Coordinates of peak voxels: | NaN | NaN | NaN | NaN |
| 0 | 0.0 | 60.0 | NaN | SMA |
| -54 | 6.0 | 18.0 | NaN | L Prefrontal |
| 33 | 18.0 | 6.0 | NaN | R Insula |
| 30 | 0.0 | 57.0 | NaN | R medial frontal gyrus + inferior operculum |
| -36 | -54.0 | -30.0 | NaN | Cerebellum crus 1 |
| 36 | -54.0 | -27.0 | NaN | Cerebellum 6 R |
| 48 | -36.0 | 48.0 | NaN | R inferior parietal gyrus |
| -42 | -42.0 | 57.0 | NaN | L superior parietal gyrus + L inferior parietal gyrus |

## Beta values
| Extracted beta values from individual peak voxels per cluster: | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Unnamed: 9 | Unnamed: 10 | Unnamed: 11 | Unnamed: 12 | Unnamed: 13 | Unnamed: 14 | Unnamed: 15 | Unnamed: 16 | Unnamed: 17 | Unnamed: 18 | Unnamed: 19 | Unnamed: 20 | Unnamed: 21 | Unnamed: 22 | Unnamed: 23 | Unnamed: 24 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | SMA | NaN | NaN | Prefrontal | NaN | NaN | Insula | NaN | NaN | Frontal | NaN | NaN | Cerebellum crus 1 | NaN | NaN | Cerebellum 6 | NaN | NaN | Right parietal | NaN | NaN | Left parietal | NaN | NaN |
| NaN | Balance | Calculation | Dual task | Balance | Calculation | Dual task | Balance | Calculation | Dual task | Balance | Calculation | Dual task | Balance | Calculation | Dual task | Balance | Calculation | Dual task | Balance | Calculation | Dual task | Balance | Calculation | Dual task |
| Y1D | 2.7 | 2.08 | 2.85 | 0.75 | 2.57 | 2.23 | 1.6266 | 1.75 | 1.52 | 1.11 | 4 | 3.62 | 0.46 | 1.15 | 0.79 | 0.3 | 1.93 | 1.54 | 0.68 | 2.35 | 1.91 | 0.66 | 2.23 | 1.87 |
| Y1K | 1 | 3.39 | 3.18 | 0.49 | 2.05 | 1.66 | 0.4264 | 0.89 | 0.83 | 0.52 | 0.94 | 0.8 | 0.22 | 0.7 | 0.16 | 0.61 | 1.34 | 1.09 | -0.19 | 0.49 | 0.21 | 0.27 | 1.61 | 1.5 |
| Y1L | 1.5 | 2.4 | 2.95 | 1.54 | 1.73 | 2.1 | 1.2368 | 1.46 | 1.51 | 1.95 | 0.86 | 1.36 | 0.84 | 0.68 | 1.12 | 1.18 | 0.74 | 1.49 | 2.3 | 0.52 | 1.59 | 1.49 | 0.79 | 1.63 |
| Y1N | 2.5 | 1.31 | 2.48 | 1.71 | 1.08 | 2.4 | 1.1467 | 0.92 | 1.29 | 1.73 | 0.61 | 1.86 | 0.98 | 0.85 | 0.86 | 0.72 | 0.29 | 0.96 | 1.84 | 0.02 | 1.6 | 0.84 | 1.14 | 1.89 |
| Y1Q | 1.2 | 1.58 | 2.18 | 1.01 | 0.95 | 1.78 | 1.0449 | 0.89 | 1.43 | 1.07 | 1.32 | 1.99 | 0.84 | 0.89 | 1.96 | 0.5 | 0.78 | 1.41 | 1.12 | 0.72 | 1.45 | 1.18 | 0.29 | 1.11 |
| Y1T | 2.7 | 1.56 | 2.3 | 1.13 | 1.43 | 1.52 | 3.2638 | 2.42 | 2.66 | 2.38 | 3.06 | 3.1 | 1.17 | 1.8 | 1.58 | 0.99 | 1.61 | 1.62 | 1.35 | 1.26 | 1.34 | 1.84 | 1.19 | 1.2 |
| Y2E | 0.7 | 2.26 | 2.38 | 0.52 | 1.12 | 1.31 | 0.332 | 1 | 0.9 | 0.19 | 1.59 | 1.8 | 0.33 | 0.4 | 0.44 | 1.05 | 0.48 | 1.15 | 0.89 | 1.81 | 2.3 | 0.05 | 1.48 | 1.48 |
| Y2F | 1.4 | 1.67 | 1.64 | 2.29 | 1.93 | 1.33 | 1.0791 | 0.19 | 0.08 | 1.81 | 0.84 | 1.39 | 0.83 | 0.59 | 0.42 | 0.45 | 0.85 | 0.85 | 0.5 | 0.61 | 0.22 | 1.05 | 1.2 | 0.87 |
| Y2R | 0.9 | 2.2 | 2.77 | 0.84 | 1.45 | 1.7 | 1.2568 | 1.08 | 1.38 | 1.21 | 0.88 | 1.19 | 0.93 | 0.68 | 1.33 | 0.17 | 0.85 | 0.84 | 0.4 | 0.64 | 0.87 | 0.37 | 1.45 | 1.65 |
| Y2U | 1.5 | 1.52 | 2.11 | 0.94 | 1.27 | 1.47 | 1.0586 | 1.41 | 1.86 | 1.5 | 1.99 | 2.58 | 0.56 | 0.95 | 1.11 | 0.38 | 1.24 | 1.29 | 1.26 | 2.16 | 2.22 | 1.04 | 2.03 | 1.95 |
| Y2X | 0.5 | 0.89 | 1.21 | 0.4 | 2.44 | 3.13 | 0.2905 | 0.62 | 0.88 | 0.85 | 1.9 | 2.48 | 0.12 | 0.5 | 0.71 | 0.62 | 0.54 | 1.09 | 0.45 | 1.29 | 1.64 | 0.58 | 0.67 | 0.94 |
| Y2Z | 1.8 | 0.93 | 2.08 | 1.71 | 1.44 | 2.08 | 1.594 | 0.38 | 1.05 | 1.7 | 0.44 | 1.36 | 1.6 | 0.77 | 1.52 | 1.64 | 1.18 | 1.78 | 1.21 | 0.74 | 1.37 | 0.64 | 1.94 | 1.7 |
| Y3A | 2.1 | 1.77 | 2.04 | 1.37 | 1.6 | 2.5 | 0.5991 | 1.82 | 1.75 | 1.68 | 1.56 | 1.68 | 0.93 | 0.33 | 0.27 | 1.07 | 0.5 | 0.75 | 0.83 | 1.17 | 1.39 | 1.04 | 2.47 | 2.59 |
| Y3B | 1.2 | 1.4 | 1.96 | 0.77 | 0.79 | 0.96 | 1.1653 | 1.12 | 1.67 | 0.9 | 0.9 | 1.18 | 0.88 | 1.44 | 1.68 | 1.61 | 0.36 | 1.2 | 0.36 | 1.39 | 1.17 | 0.2 | 0.94 | 0.67 |
| Y3C | 2.6 | 2 | 3.2 | 1.52 | 1.83 | 2.26 | 1.6483 | 0.93 | 1.84 | 2.08 | 1.78 | 2.89 | 1.16 | 1.14 | 1.74 | 0.76 | 1.35 | 1.9 | 0.72 | 1.9 | 1.77 | 1.39 | 1.91 | 2.23 |
| Y3G | 2.6 | 1.18 | 2.83 | 1.71 | 3.93 | 4.37 | 2.401 | 1.74 | 2.63 | 2.18 | 1.9 | 2.32 | 1.29 | 1.35 | 1.7 | 1 | 1.2 | 1.74 | 2.09 | 1.71 | 2.54 | 1.64 | 2.97 | 3.16 |
| Y3J | 1.9 | 1.66 | 3.1 | 1.14 | 1.33 | 1.53 | 1.6113 | 1.34 | 2.21 | 1.15 | 1.66 | 2.11 | 0.54 | 0.57 | 0.65 | 0.58 | 0.73 | 1.16 | 0.3 | 1.36 | 0.94 | 0.37 | 1.47 | 1.24 |
| Y3M | 1 | 0.84 | 1.26 | 0.32 | 1.74 | 1.8 | 1.2165 | 1.09 | 1.51 | 0.95 | 0.28 | 1.03 | 0.06 | 0.46 | 0.84 | 0.17 | 0.8 | 1.11 | 0.74 | 1.17 | 1.56 | 0.69 | 1.22 | 1.35 |
| Y3X | 1.4 | 1.77 | 1.7 | 1.8 | 2.18 | 3.01 | 0.9854 | 1.36 | 1.42 | 1.12 | 1.05 | 1.72 | 0.46 | 0.68 | 0.62 | 0.51 | 1.24 | 2.35 | 0.82 | 0.34 | 0.54 | 0.69 | 1.31 | 1.36 |
| Y4A | 2.2 | 2.03 | 2.87 | 0.57 | 1.3 | 1.4 | 1.4916 | 2.11 | 3.08 | 1.83 | 1.63 | 2.19 | 0.7 | 1.3 | 1.48 | 1.51 | 0.91 | 1.61 | 0.88 | 0.95 | 1.57 | 0.16 | 1.79 | 0.84 |
| Y4K | 1.5 | 1.92 | 2.52 | 1.72 | 0.96 | 2.23 | 1.4639 | 1.37 | 1.7 | 2.75 | 0.73 | 2.76 | 1.41 | 1 | 1.72 | 1.01 | 0.81 | 1.81 | 0.93 | 0.95 | 1.27 | 0.84 | 1.15 | 1.45 |
| Y4Z | 4.4 | 2.25 | 4.32 | 1.55 | 1.69 | 1.76 | 1.2464 | 1.48 | 1.74 | 2.3 | 1.15 | 1.83 | 1.87 | 0.9 | 1.59 | 0.81 | 1.71 | 1.53 | 1.03 | 2.69 | 1.48 | 1.37 | 2.41 | 2.37 |
| Y5P | 0.5 | 3.09 | 3.13 | 1.07 | 2.09 | 2.75 | 0.3378 | 1.61 | 1.9 | 0.95 | 1.66 | 2.39 | 0.72 | 0.92 | 0.53 | 0.3 | 1.44 | 1.13 | 1.03 | 1.87 | 1.87 | 0.55 | 2.2 | 2.21 |
| 1a9r1y | 2.4 | 2.13 | 2.78 | 1.34 | 2.34 | 3.17 | 1.6961 | 1.4 | 2.16 | 1.41 | 0.94 | 1.57 | 1.49 | 1.24 | 2.57 | 1.5 | 2 | 3.14 | 0.61 | 0.61 | 0.68 | 1.26 | 1.89 | 1.97 |
| 1c9q2a | 0.6 | 1.52 | 1.89 | 1.18 | 0.72 | 2.05 | 0.5989 | 0.48 | 0.71 | 1.18 | 0.83 | 1.71 | 0.24 | 1.3 | 1.62 | -0.11 | 0.15 | 0.33 | 0.15 | 0.99 | 1.23 | 0.14 | 0.21 | 0.52 |
| 1l9w3s | 2.4 | 1.4 | 2.64 | 1.04 | 2.09 | 1.83 | 2.334 | 0.97 | 2.09 | 1.83 | 0.53 | 1.22 | 1.57 | 0.89 | 1.95 | 1.76 | 1.02 | 2.32 | 2.56 | 0.38 | 1.76 | 1.54 | 0.99 | 1.65 |
| 1r9o8d | 2 | 3.87 | 4.07 | 1.49 | 2.62 | 2.98 | 2.4239 | 1.57 | 1.9 | 1.56 | 1.53 | 2.04 | 1.17 | 1.69 | 2.25 | 1.4 | 2.4 | 2.71 | 1.53 | 0.95 | 1.82 | 2.35 | 1.18 | 2.34 |
| 2l8z9k | 0.5 | 0.54 | 0.91 | 0.26 | 0.86 | 0.7 | 0.4357 | 0.5 | 0.3 | 0.31 | 0.68 | 0.77 | 0.41 | -0.02 | 0.52 | 0.14 | 0.27 | 0.56 | 0.54 | 0.5 | 0.62 | 0.07 | 1.25 | 0.9 |
| 3k7u6l | 1.5 | 0.95 | 1.73 | 1.88 | 1.33 | 2.23 | 0.8163 | 0.24 | 0.78 | 0.91 | 0.52 | 0.85 | -0.26 | 0.42 | 0.19 | 0.85 | 0.93 | 1.32 | 0.95 | 1 | 1.07 | 1.04 | 0.91 | 1.25 |
| 3p7o4j | 2.4 | 3.34 | 4.09 | 0.84 | 1.01 | 1.11 | 1.7628 | 1.02 | 1.62 | 2.82 | 1.73 | 2.9 | 1.29 | 1.34 | 1.58 | 0.83 | 1.61 | 1.91 | 1.09 | 0.51 | 1.08 | 0.4 | 1.63 | 1.85 |
| 3q7i5y | 1.1 | 0.13 | 1.19 | 1.35 | 2.04 | 3.1 | 1.8514 | 1.45 | 2.4 | 0.69 | 0.64 | 0.92 | 0.78 | 1.12 | 1.76 | 2.45 | 1.52 | 3.66 | 1.12 | 0.46 | 1.48 | 1.17 | 0.68 | 1.38 |
| 4h6t8g | 0.4 | 0.46 | 0.4 | 0.52 | 1.11 | 1.44 | 0.3774 | 0.79 | 0.73 | 0.85 | 0.99 | 1.29 | 0.75 | 0.8 | 1.17 | 0.18 | 1.01 | 1.41 | 0.35 | 0.43 | 0.38 | 0.3 | 0.33 | 0.5 |
| 4j6i3m | 3.7 | 2.95 | 3.45 | 2.35 | 2.38 | 2.8 | 2.6427 | 1.65 | 1.73 | 2.67 | 2.49 | 2.07 | 2.01 | 1.68 | 3.03 | 2.15 | 2.52 | 2.96 | 1.48 | 1.49 | 1.38 | 2.99 | 3.14 | 3.77 |
| 4k6q8x | 2.4 | 2.52 | 3.06 | 1.58 | 1.62 | 2.17 | 1.9655 | 1.56 | 1.91 | 1.84 | 2.5 | 2.85 | 0.9 | 2.13 | 2.58 | 0.98 | 3.5 | 4.14 | 2.13 | 1.39 | 1.78 | 0.96 | 1.13 | 1.41 |
| 4n6z1b | 1.9 | 0.32 | 0.81 | 1.19 | 1.31 | 2.05 | 1.3537 | 0.39 | 1.06 | 1.74 | 0.97 | 1.74 | 1.48 | 0.57 | 1.4 | 2.56 | 0.14 | 1.73 | 1.25 | 0.46 | 1.03 | 1.35 | 1.01 | 1.47 |
| 4o6p1k | 0.9 | 0.96 | 0.88 | 1.92 | 0.65 | 1.95 | 1.1998 | 0.75 | 0.74 | 2.02 | 0.83 | 1.88 | 0.67 | 0.8 | 1.04 | 0.52 | 0.96 | 1.27 | 0.46 | 0.53 | 0.68 | 0.93 | 0.83 | 1.12 |
| 4t3p3h | 1.2 | 1.96 | 2.43 | 1.53 | 1.81 | 2.76 | 1.4225 | 0.88 | 1.27 | 1.13 | 0.57 | 1.08 | 1.08 | 0.94 | 1.61 | 0.76 | 1.23 | 1.52 | 0.68 | 0.68 | 0.85 | 0.8 | 0.77 | 0.99 |
| 5h5o2n | 3.8 | 1.01 | 2.11 | 1.54 | 0.78 | 0.21 | 2.2176 | 1.41 | 2.71 | 1.31 | 0.98 | 1.49 | 2 | 1.95 | 2.66 | 0.35 | 1.86 | 2.04 | 0.87 | 0.32 | 0.74 | 0.76 | 0.55 | 1.1 |
| 5n5p7s | 2.4 | 0.84 | 2.06 | 1.61 | 3.82 | 3.63 | 1.3744 | 0.9 | 0.96 | 2.9 | 1.33 | 2.28 | 1.27 | 0.83 | 1.43 | 0.28 | 0.59 | 0.43 | 2 | 2.2 | 2.58 | 1.26 | 3.62 | 3.18 |
| 6f4u4j | 2.8 | 1.71 | 2.43 | 2.34 | 2.24 | 3.03 | 2.1283 | 0.35 | 0.77 | 2.4 | 1.25 | 1.88 | 3.27 | 2.09 | 3.03 | 3.62 | 2.4 | 3.2 | 2.37 | 0.96 | 1.38 | 1.25 | 0.75 | 0.65 |
| 6n4r5k | 1.3 | 1.67 | 2.31 | 2.18 | 1.31 | 1.92 | 1.8734 | 1.62 | 2.08 | 2.03 | 1.82 | 2.03 | 0.79 | 1.56 | 1.59 | 2.17 | 1.51 | 2.33 | 0.93 | 1.25 | 1.13 | 1.55 | 0.73 | 1.1 |
| 6u4w5m | 1.8 | 1.39 | 1.53 | 1.63 | 0.87 | 1.74 | 2.1227 | 0.9 | 1.56 | 1.54 | 0.83 | 1.32 | 0.57 | 0.29 | 0.47 | 0.43 | 0.99 | 0.26 | 1.31 | 1.12 | 1.38 | 1.05 | 0.52 | 1.2 |
| 6v4i5c | 1.5 | 1.81 | 3.12 | 1.73 | 1.94 | 3.17 | 0.8008 | 1.25 | 1.81 | 1.51 | 1.2 | 2.37 | 0.54 | 0.74 | 1.08 | 0.59 | 1.26 | 1.6 | 1.45 | 1.45 | 2.58 | 1.45 | 3.09 | 3.93 |
| 7b3t8l | 1.3 | 1.64 | 1.63 | 0.71 | 0.73 | 0.69 | 1.3762 | 1.29 | 1.09 | 0.88 | 1.07 | 0.84 | 1.42 | 0.76 | 0.97 | 0.61 | 0.51 | 0.81 | 0.76 | 0.79 | 0.79 | 0.02 | 1 | 1.08 |
| 7z3e8n | 3.4 | 1.45 | 2.23 | 2.79 | 0.32 | 1.26 | 3.772 | 1.98 | 3.22 | 3.19 | 0.79 | 1.66 | 2.08 | 1 | 2.05 | 1.11 | 2.23 | 2.53 | 1.89 | 0.93 | 1.46 | 1.01 | 0.14 | 0.21 |
| 8d2w7c | 1 | 0.59 | 1.23 | 1.34 | 2.25 | 3.41 | 1.2367 | 1.16 | 1.23 | 0.45 | 0.97 | 1.3 | 0.44 | 0.84 | 1.32 | 1.13 | 1.67 | 2.35 | 0.2 | 0.71 | 0.93 | 0.53 | 0.75 | 1 |
| 8f2t2d | 3.3 | 1.21 | 2.57 | 1.96 | 1.36 | 2.54 | 1.5918 | 0.97 | 1.23 | 2.37 | 1.27 | 2.77 | 1.08 | 0.83 | 1.22 | 1.71 | 1.48 | 2.14 | 1.39 | 0.9 | 1.47 | 2.11 | 0.77 | 1.68 |
| 8s2o2l | 3.2 | 1.86 | 2.68 | 1.46 | 0.3 | 0.98 | 2.352 | 1.05 | 2.02 | 3.42 | 0.75 | 2.3 | 1.28 | 0.99 | 1.25 | 0.88 | 1.69 | 1.32 | 1.48 | 0.41 | 1.29 | 1.59 | 0.59 | 1.24 |
| 8t2r9b | 1.4 | 0.85 | 0.99 | 0.42 | 2.07 | 2.17 | 1.2946 | 0.6 | 1.05 | 1.38 | 0.9 | 1.38 | 0.87 | 0.45 | 0.7 | 1.25 | 1.2 | 1.26 | 0.32 | 0.26 | 0.21 | 0.8 | 0.09 | 0.67 |
| 8v2z7m | 1.9 | 1.33 | 1.69 | 1.03 | 1.49 | 1.08 | 1.0947 | 1.22 | 1.19 | 0.5 | 1.46 | 1.44 | 1.21 | 0.83 | 0.81 | 1.28 | 0.77 | 0.61 | 1.25 | 1.18 | 1.31 | 1.09 | 0.3 | 0.57 |
| 9e1w5k | 2.3 | 1.47 | 3.27 | 2.14 | 1.39 | 2.93 | 2.3264 | 0.32 | 1.56 | 2.17 | 0.59 | 2.02 | 2.05 | 0.05 | 1.48 | 1.52 | 1.19 | 2.84 | 0.67 | 0.55 | 0.51 | 1.06 | 0.37 | 0.94 |
| 9s1e4x | 2.3 | 1.6 | 2.07 | 2.01 | 1.28 | 1.88 | 2.2329 | 3.02 | 2.82 | 2.08 | 1.53 | 2.17 | 1.71 | 1.24 | 1.41 | 0.62 | 0.7 | 1.01 | 2.3 | 1.04 | 1.67 | 3.53 | 1.29 | 2.58 |
| 9x1r5h | 1.3 | 3.16 | 3.44 | 1.8 | 3.48 | 3.07 | 1.0407 | 2.02 | 1.8 | 0.98 | 2.28 | 2.08 | 1.31 | 2.5 | 2.13 | 2.2 | 1.78 | 2.01 | 1.07 | 1.22 | 1.21 | 0.92 | 0.96 | 1.15 |
| 9y1q6a | 1.6 | 1.09 | 1.42 | 1.79 | 1.35 | 1.75 | 2.2494 | 2.03 | 1.94 | 1.43 | 1.22 | 1.33 | 0.89 | 0.49 | 0.74 | -0.11 | 1.73 | 1.1 | 0.44 | 1.19 | 1.04 | 0.58 | 1.44 | 1.33 |
| 1w9e8l | 4.3 | 0.94 | 4.67 | 1.33 | 2.83 | 3.49 | 1.2745 | 1.24 | 1.84 | 1.4 | 1.19 | 1.89 | 0.8 | 0.97 | 1.09 | 1.57 | 1.54 | 2.14 | 1 | 1.07 | 1.46 | 0.68 | 1.5 | 1.92 |

## Upregulation
| Unnamed: 0 | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Unnamed: 9 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NaN | Group | Percentage upregulation from single to dual task | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | SMA | Prefrontal | Insula | Frontal | Cerebellum Crus 1 | Cerebellum 6 | Right parietal | Left parietal |
| Y1D | Young | 18.87 | 34.23 | -9.95 | 41.61 | -1.3 | 38.46 | 26.09 | 29.64 |
| Y1K | Young | 45.66 | 30.87 | 26.17 | 10.31 | -65.12 | 11.62 | 42.8 | 59.77 |
| Y1L | Young | 49.74 | 28.2 | 11.95 | -3.24 | 47.91 | 54.75 | 12.25 | 42.85 |
| Y1N | Young | 28.96 | 71.52 | 24.89 | 58.99 | -5.38 | 89.59 | 71.67 | 90.17 |
| Y1Q | Young | 54.36 | 81.55 | 47.84 | 66.12 | 126.29 | 120.51 | 58.38 | 51.01 |
| Y1T | Young | 8.09 | 18.7 | -6.47 | 13.89 | 6.2 | 24.32 | 2.69 | -20.9 |
| Y2E | Young | 59.94 | 60.12 | 35.44 | 102.6 | 21.42 | 50.47 | 70.3 | 92.78 |
| Y2F | Young | 6.13 | -36.8 | -87.09 | 4.35 | -40.74 | 30.99 | -61.39 | -22.65 |
| Y2R | Young | 81.18 | 48.68 | 18.12 | 14.08 | 65.25 | 64.73 | 66.91 | 80.74 |
| Y2U | Young | 41.22 | 32.85 | 50.44 | 47.7 | 47.45 | 59.34 | 29.88 | 26.97 |
| Y2X | Young | 75.4 | 120.37 | 94.19 | 80.12 | 127.16 | 87.29 | 87.94 | 50.26 |
| Y2Z | Young | 53.96 | 32.17 | 6.77 | 26.84 | 28.91 | 26.45 | 40.36 | 31.5 |
| Y3A | Young | 5.27 | 68.73 | 45.2 | 3.58 | -56.89 | -4.8 | 38.49 | 47.05 |
| Y3B | Young | 48.72 | 23.28 | 46.35 | 30.99 | 45.15 | 21.14 | 33.93 | 18.07 |
| Y3C | Young | 39.96 | 35.05 | 43.25 | 49.84 | 51.07 | 80.36 | 34.76 | 34.88 |
| Y3G | Young | 48.64 | 54.79 | 26.86 | 13.29 | 28.84 | 57.66 | 33.77 | 37.05 |
| Y3J | Young | 74.62 | 23.53 | 49.36 | 50.12 | 15.8 | 76.6 | 13.36 | 34.93 |
| Y3M | Young | 41.08 | 75.34 | 30.62 | 68.54 | 226.31 | 128.84 | 63.81 | 41.74 |
| Y3X | Young | 7.59 | 51.37 | 21.34 | 59.09 | 8.68 | 168.19 | -7.13 | 35.62 |
| Y4A | Young | 36.77 | 49.47 | 71.28 | 26.66 | 47.72 | 32.92 | 70.86 | -13.35 |
| Y4K | Young | 46.96 | 66.59 | 19.75 | 58.84 | 42.49 | 99.25 | 34.85 | 45.81 |
| Y4Z | Young | 30.42 | 8.48 | 27.53 | 6.4 | 14.55 | 22.02 | -20.16 | 25.38 |
| Y5P | Young | 74.24 | 74.33 | 94.94 | 83.22 | -36.08 | 29.7 | 29.11 | 60.48 |
| 1a9r1y | Old | 23.82 | 72.14 | 39.43 | 34.02 | 87.96 | 79.67 | 12.6 | 25.09 |
| 1c9q2a | Old | 82.28 | 114.94 | 32.17 | 70.01 | 110.59 | 1472.55 | 115.48 | 194.81 |
| 1l9w3s | Old | 37.58 | 17.24 | 26.69 | 3.71 | 58.22 | 66.39 | 19.9 | 31.24 |
| 1r9o8d | Old | 38.88 | 44.93 | -4.88 | 32.1 | 57.83 | 42.44 | 46.7 | 33.04 |
| 2l8z9k | Old | 67.32 | 23.97 | -36.02 | 54.26 | 169.64 | 170.35 | 19.73 | 36.66 |
| 3k7u6l | Old | 41.94 | 39.29 | 47.9 | 19.2 | 132.53 | 48.58 | 9.17 | 28.13 |
| 3p7o4j | Old | 43.14 | 20 | 16.29 | 27.34 | 19.91 | 56.33 | 35.52 | 82.82 |
| 3q7i5y | Old | 90.52 | 82.66 | 45.11 | 39.59 | 85.5 | 84.63 | 86.39 | 49.24 |
| 4h6t8g | Old | -1.73 | 76.47 | 25.29 | 39.91 | 50.45 | 136.17 | -3.58 | 58.08 |
| 4j6i3m | Old | 3.35 | 18.39 | -19.45 | -19.82 | 64.51 | 26.67 | -6.86 | 22.9 |
| 4k6q8x | Old | 24.03 | 35.9 | 8.35 | 31.42 | 70.33 | 85.17 | 1.09 | 34.7 |
| 4n6z1b | Old | -28.24 | 63.69 | 21.58 | 29.01 | 36.28 | 28.22 | 19.84 | 24.88 |
| 4o6p1k | Old | -4.78 | 51.33 | -24.13 | 31.79 | 42.2 | 70.75 | 38.92 | 26.57 |
| 4t3p3h | Old | 51.94 | 65.19 | 10.78 | 26.4 | 59.66 | 52.44 | 24.04 | 25.6 |
| 5h5o2n | Old | -11.31 | -81.89 | 49.85 | 29.99 | 34.56 | 85.01 | 24.81 | 68.13 |
| 5n5p7s | Old | 27.86 | 33.52 | -15.17 | 7.86 | 36.8 | -1.83 | 22.57 | 30.39 |
| 6f4u4j | Old | 7.11 | 32.21 | -37.58 | 2.87 | 13.24 | 6.27 | -17.39 | -35.28 |
| 6n4r5k | Old | 52.51 | 10.26 | 18.75 | 5.88 | 35.06 | 26.56 | 3.52 | -3.5 |
| 6u4w5m | Old | -2.44 | 39.33 | 2.92 | 11.47 | 10.56 | -63.81 | 14.23 | 52.79 |
| 6v4i5c | Old | 86.04 | 72.87 | 76.52 | 74.96 | 69.95 | 73.47 | 77.61 | 72.86 |
| 7b3t8l | Old | 9.26 | -4.65 | -18.42 | -13.34 | -10.96 | 44.67 | 2.22 | 110.85 |
| 7z3e8n | Old | -8.75 | -19.04 | 11.96 | -16.26 | 33.33 | 51.73 | 3.48 | -63.15 |
| 8d2w7c | Old | 50.58 | 90.03 | 2.97 | 82.52 | 105.57 | 67.99 | 104.39 | 55.69 |
| 8f2t2d | Old | 15.15 | 53.23 | -4.17 | 52.45 | 27.94 | 34.13 | 27.66 | 16.29 |
| 8s2o2l | Old | 6.91 | 10.84 | 18.97 | 10.35 | 10.12 | 2.95 | 36.54 | 13.59 |
| 8t2r9b | Old | -11.87 | 74.02 | 11.39 | 21.1 | 6.6 | 2.49 | -27.41 | 50.25 |
| 8v2z7m | Old | 3.07 | -14.21 | 3.12 | 47.13 | -20.61 | -40.85 | 7.98 | -18.6 |
| 9e1w5k | Old | 72.31 | 65.65 | 17.64 | 46.44 | 40.52 | 109.74 | -15.83 | 30.99 |
| 9s1e4x | Old | 5.19 | 14.06 | 7.26 | 20.32 | -4.37 | 53.93 | -0.32 | 7.07 |
| 9x1r5h | Old | 53.5 | 16.22 | 17.57 | 27.33 | 11.69 | 1.42 | 5.76 | 22.09 |
| 9y1q6a | Old | 4.69 | 11.83 | -9.49 | -0.02 | 7.44 | 35.83 | 28.06 | 31.65 |
| 1w9e8l | Old | 79.73 | 67.47 | 46.13 | 46.24 | 24.03 | 37.23 | 40.68 | 75.65 |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| Note: subjects colored in red were outliers and therefore excluded from analysis | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |