

Supplemental Table S8
Expected Marginal Means

| Task | Scale | Measure | Group | Expected Marginal Mean | EMM SE | 95% CI Lower Bound | 95% CI Upper Bound |
|---------|--------|---------------------|-------|---------------------------|--------|--------------------------|--------------------------|
| Resting | Global | Sigma (Small World) | SCG | 17.330 | 0.807 | 15.716 | 18.944 |
| Resting | Global | Sigma (Small World) | SCI | 14.934 | 0.872 | 13.191 | 16.677 |
| Resting | Global | Sigma (Small World) | VIS | 16.046 | 0.871 | 14.304 | 17.788 |
| Resting | Global | Q (Modularity) | SCG | 3.040 | 0.593 | 1.855 | 4.225 |
| Resting | Global | Q (Modularity) | SCI | 2.038 | 0.640 | 0.758 | 3.318 |
| Resting | Global | Q (Modularity) | VIS | 2.161 | 0.640 | 0.882 | 3.440 |
| Resting | Global | Gamma | SCG | 18.084 | 0.795 | 16.493 | 19.674 |
| Resting | Global | Gamma | SCI | 15.750 | 0.859 | 14.033 | 17.468 |
| Resting | Global | Gamma | VIS | 16.794 | 0.859 | 15.078 | 18.511 |
| Resting | Global | Lambda | SCG | 10.464 | 0.084 | 10.296 | 10.631 |
| Resting | Global | Lambda | SCI | 10.610 | 0.090 | 10.429 | 10.791 |
| Resting | Global | Lambda | VIS | 10.489 | 0.090 | 10.309 | 10.670 |
| AUT | Global | Sigma (Small World) | SCG | 20.085 | 0.194 | 19.705 | 20.465 |
| AUT | Global | Sigma (Small World) | SCI | 19.800 | 0.209 | 19.390 | 20.210 |
| AUT | Global | Sigma (Small World) | VIS | 19.524 | 0.209 | 19.114 | 19.934 |
| AUT | Global | Q (Modularity) | SCG | 3.481 | 0.362 | 2.771 | 4.192 |
| AUT | Global | Q (Modularity) | SCI | 3.450 | 0.391 | 2.683 | 4.217 |
| AUT | Global | Q (Modularity) | VIS | 3.764 | 0.391 | 2.997 | 4.531 |
| AUT | Global | Gamma | SCG | 20.837 | 0.208 | 20.429 | 21.246 |
| AUT | Global | Gamma | SCI | 20.409 | 0.225 | 19.968 | 20.850 |
| AUT | Global | Gamma | VIS | 20.191 | 0.225 | 19.750 | 20.632 |
| AUT | Global | Lambda | SCG | 10.350 | 0.015 | 10.320 | 10.379 |
| AUT | Global | Lambda | SCI | 10.281 | 0.016 | 10.249 | 10.313 |
| AUT | Global | Lambda | VIS | 10.318 | 0.016 | 10.286 | 10.350 |
| RAT | Global | Sigma (Small World) | SCG | 18.228 | 0.379 | 17.485 | 18.971 |
| RAT | Global | Sigma (Small World) | SCI | 18.570 | 0.409 | 17.767 | 19.372 |
| RAT | Global | Sigma (Small World) | VIS | 17.660 | 0.409 | 16.858 | 18.462 |
| RAT | Global | Q (Modularity) | SCG | 3.550 | 0.529 | 2.514 | 4.586 |

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|---------|--------|------------------------|-----|--------|-------|--------|--------|----------------|
| RAT | Global | Q (Modularity) | SCI | 4.036 | 0.571 | 2.918 | 5.155 | |
| RAT | Global | Q (Modularity) | VIS | 3.803 | 0.570 | 2.685 | 4.922 | |
| RAT | Global | Gamma | SCG | 20.353 | 0.340 | 19.687 | 21.019 | |
| RAT | Global | Gamma | SCI | 20.100 | 0.367 | 19.381 | 20.819 | |
| RAT | Global | Gamma | VIS | 19.734 | 0.367 | 19.015 | 20.452 | |
| RAT | Global | Lambda | SCG | 11.422 | 0.148 | 11.133 | 11.712 | |
| RAT | Global | Lambda | SCI | 11.030 | 0.159 | 10.717 | 11.342 | |
| RAT | Global | Lambda | VIS | 11.528 | 0.159 | 11.216 | 11.841 | |
| Resting | Local | Local Efficiency | SCG | 3.903 | 0.033 | 3.839 | 3.968 | Ctrl < Sci, VA |
| Resting | Local | Local Efficiency | SCI | 4.412 | 0.036 | 4.343 | 4.482 | Sci > Ctrl, VA |
| Resting | Local | Local Efficiency | VIS | 4.264 | 0.036 | 4.194 | 4.334 | VA > Ctrl |
| Resting | Local | Clustering Coefficient | SCG | 1.421 | 0.013 | 1.395 | 1.446 | |
| Resting | Local | Clustering Coefficient | SCI | 1.722 | 0.014 | 1.695 | 1.750 | |
| Resting | Local | Clustering Coefficient | VIS | 1.632 | 0.014 | 1.604 | 1.659 | |
| AUT | Local | Local Efficiency | SCG | 3.065 | 0.006 | 3.054 | 3.076 | |
| AUT | Local | Local Efficiency | SCI | 2.832 | 0.006 | 2.820 | 2.844 | |
| AUT | Local | Local Efficiency | VIS | 2.917 | 0.006 | 2.905 | 2.929 | |
| AUT | Local | Clustering Coefficient | SCG | 1.201 | 0.004 | 1.193 | 1.208 | |
| AUT | Local | Clustering Coefficient | SCI | 1.066 | 0.004 | 1.058 | 1.074 | |
| AUT | Local | Clustering Coefficient | VIS | 1.123 | 0.004 | 1.115 | 1.131 | |
| RAT | Local | Local Efficiency | SCG | 5.037 | 0.018 | 5.001 | 5.072 | |
| RAT | Local | Local Efficiency | SCI | 4.773 | 0.020 | 4.734 | 4.811 | |
| RAT | Local | Local Efficiency | VIS | 4.964 | 0.020 | 4.926 | 5.002 | |
| RAT | Local | Clustering Coefficient | SCG | 1.899 | 0.008 | 1.883 | 1.915 | |
| RAT | Local | Clustering Coefficient | SCI | 1.795 | 0.009 | 1.778 | 1.812 | |
| RAT | Local | Clustering Coefficient | VIS | 1.877 | 0.009 | 1.860 | 1.894 | |