

## Supplementary Digital Content 5

### Paired intracortical functional connectivity (FC) analyses in 6 subjects reproduces unpaired analyses in main text figures 1C, 1F.

A. Correlation. Red stars indicate significant sevoflurane effects ( $p < 0.05$ , two-tailed paired  $t$ -test, multiple comparisons corrected [N = 7 resting state networks, RSN]). B: covariance. Red stars indicate significant differences in intra-network FC ( $p < 0.05$ , two-tailed paired  $U$  test, multiple comparisons corrected [N = 7 RSNs]). DAN: Dorsal Attention Network, VAN: Ventral Attention Network, SMN: Somatomotor Network, VIS: Visual Network, FPC: Frontoparietal Control Network, LAN: Language Network, DMN, Default Mode Network.

