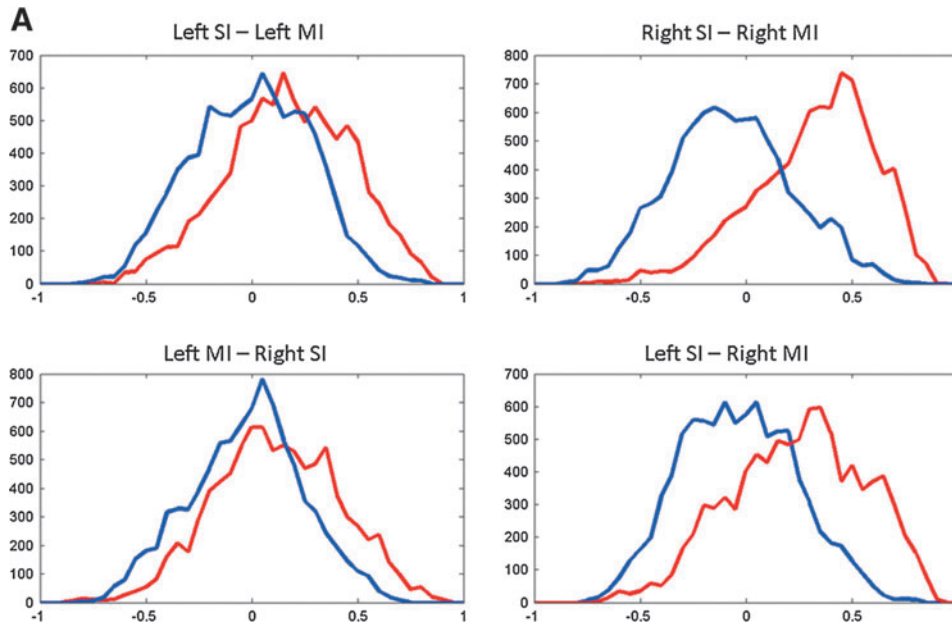
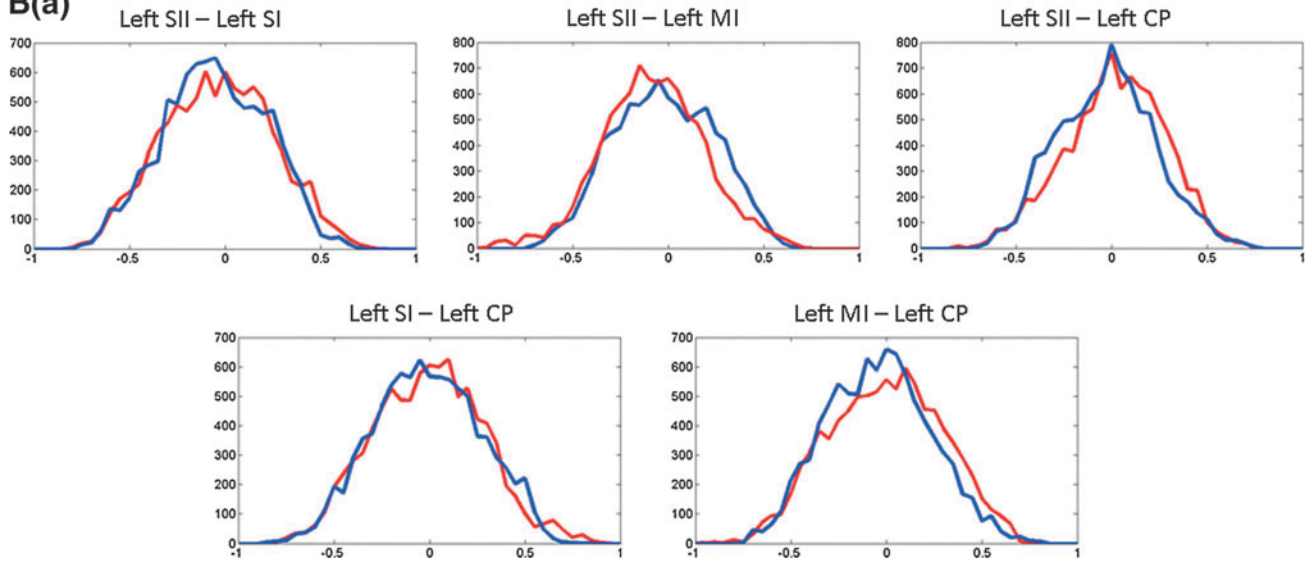


Supplementary Data

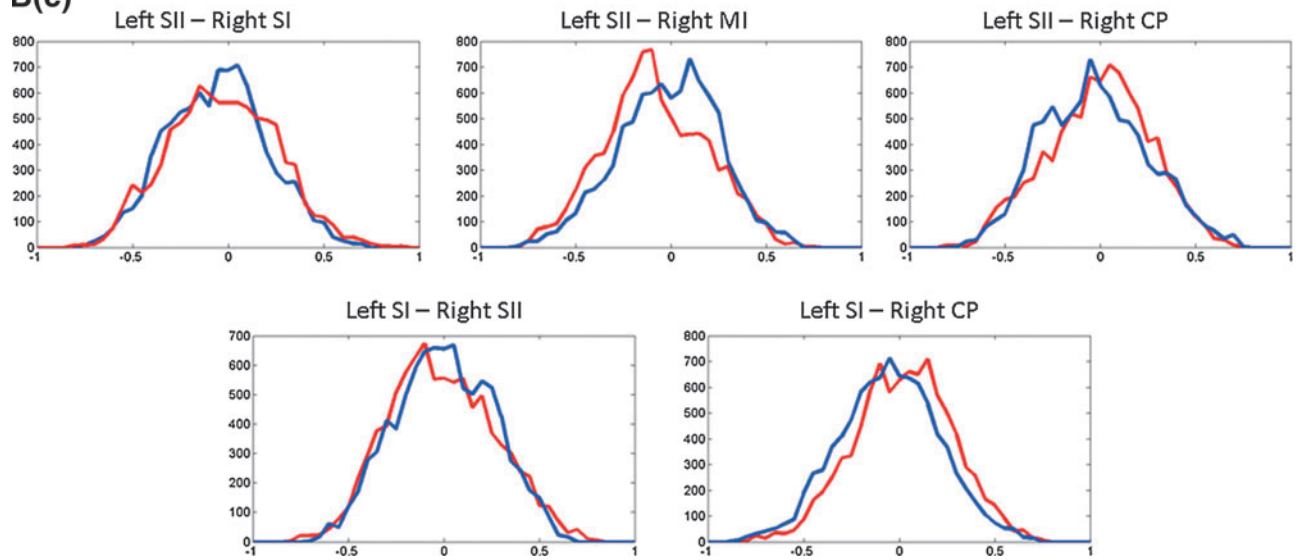


SUPPLEMENTARY FIG. S1. Histograms of correlation coefficients after sliding window correlation with a window length of 50 images (all rats, all scans). Real data are shown in red, and results for randomly matched time courses are shown in blue. **(A)** Histograms for SI-MI connections, which are shifted to positive values and sometimes skewed as compared with the randomized data. **(B)** Histograms for the remaining pairs of areas, which are similar to those for random data. Histograms for homologous areas in left and right hemispheres were shown in Figure 4.

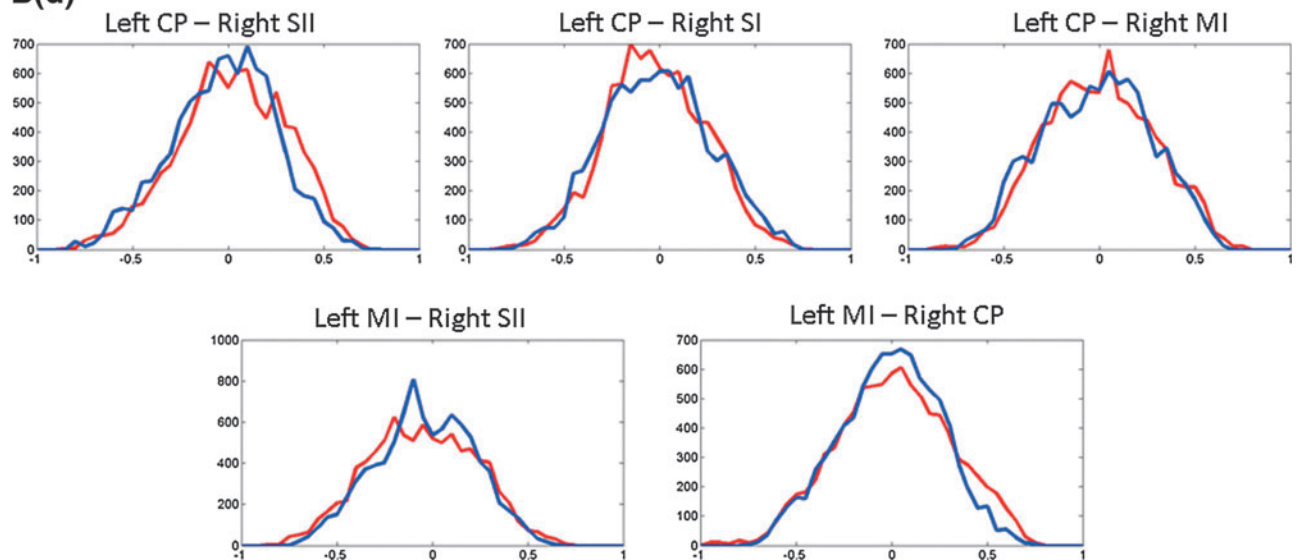
B(a)



B(c)



B(d)



SUPPLEMENTARY FIG. S1. (Continued).