**Figure 4—figure source data 1.** For the FC links identified as involved in smoking (Table 2): comparison of functional connectivity between three groups: smoking only; drinking only; and both smoking and drinking in which a common baseline was used (a group with no smoking and low drinking). The details of these groups are in the text of main paper. Here, we only show the top 30 significant links identified in the HCP dataset as shown in Table 2. The last two columns show the difference for these FCs for the contrast smoking only – drinking only. Negative values for t indicate a smaller FC in the smoking group compared to the comparison group.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **FC (identified in the analysis of smoking shown in Table 2)** | **Smoking only group – Baseline group** | | **Both smoking and drinking group – Baseline group** | | **Smoking only – drinking only** | |
| **t value** | **p value** | **t value** | **p value** | **t value** | **p value** |
| Frontal\_Sup\_2\_L--Frontal\_Mid\_2\_R | -2.335 | 2.03E-02 | -3.153 | 1.77E-03 | -3.077 | 2.31E-03 |
| Frontal\_Sup\_2\_R--Frontal\_Mid\_2\_R | -3.175 | 1.70E-03 | -2.591 | 9.99E-03 | -2.861 | 4.57E-03 |
| Frontal\_Sup\_2\_L--Frontal\_Inf\_Oper\_R | -2.376 | 1.83E-02 | -2.617 | 9.30E-03 | -3.302 | 1.09E-03 |
| Frontal\_Sup\_2\_R--Frontal\_Inf\_Oper\_R | -2.424 | 1.61E-02 | -2.449 | 1.49E-02 | -2.920 | 3.81E-03 |
| Frontal\_Mid\_2\_L--Frontal\_Inf\_Oper\_R | -1.898 | 5.89E-02 | -2.391 | 1.74E-02 | -2.940 | 3.58E-03 |
| Frontal\_Inf\_Oper\_R--Frontal\_Inf\_Tri\_L | -2.920 | 3.84E-03 | -2.080 | 3.83E-02 | -3.904 | 1.20E-04 |
| Frontal\_Inf\_Orb\_2\_L-- Rolandic\_Oper\_L | -2.359 | 1.91E-02 | -1.964 | 5.04E-02 | -3.509 | 5.29E-04 |
| Frontal\_Inf\_Orb\_2\_L-- Rolandic\_Oper\_R | -2.749 | 6.44E-03 | -1.636 | 1.03E-01 | -4.033 | 7.22E-05 |
| Frontal\_Sup\_2\_L-- OFCmed\_R | -2.383 | 1.79E-02 | -2.800 | 5.42E-03 | -3.355 | 9.12E-04 |
| Frontal\_Inf\_Oper\_L-- OFClat\_R | -3.245 | 1.34E-03 | -3.664 | 2.90E-04 | -2.648 | 8.58E-03 |
| Frontal\_Inf\_Orb\_2\_L-- Insula\_R | -2.557 | 1.12E-02 | -2.312 | 2.14E-02 | -3.323 | 1.02E-03 |
| Frontal\_Inf\_Oper\_L-- Cingulate\_Ant\_R | -2.667 | 8.18E-03 | -2.926 | 3.68E-03 | -3.037 | 2.63E-03 |
| Frontal\_Inf\_Orb\_2\_L-- Amygdala\_R | -2.698 | 7.48E-03 | -2.565 | 1.08E-02 | -3.129 | 1.95E-03 |
| Frontal\_Inf\_Orb\_2\_L-- Occipital\_Mid\_R | -3.696 | 2.72E-04 | -3.408 | 7.39E-04 | -3.000 | 2.96E-03 |
| Frontal\_Inf\_Orb\_2\_L-- Fusiform\_R | -3.256 | 1.29E-03 | -2.844 | 4.74E-03 | -3.182 | 1.64E-03 |
| Frontal\_Inf\_Orb\_2\_L-- Parietal\_Sup\_L | -2.298 | 2.24E-02 | -3.261 | 1.23E-03 | -2.445 | 1.52E-02 |
| Frontal\_Inf\_Orb\_2\_R-- Parietal\_Sup\_L | -2.856 | 4.66E-03 | -3.154 | 1.76E-03 | -2.500 | 1.30E-02 |
| Frontal\_Sup\_2\_L-- Parietal\_Sup\_R | -1.812 | 7.12E-02 | -2.455 | 1.46E-02 | -3.221 | 1.44E-03 |
| Frontal\_Inf\_Orb\_2\_L-- Parietal\_Sup\_R | -2.460 | 1.46E-02 | -3.267 | 1.20E-03 | -2.709 | 7.19E-03 |
| Frontal\_Med\_Orb\_R-- Parietal\_Sup\_R | -2.296 | 2.25E-02 | -3.185 | 1.59E-03 | -2.545 | 1.15E-02 |
| Rectus\_L-- Parietal\_Sup\_R | -2.093 | 3.74E-02 | -3.429 | 6.86E-04 | -2.035 | 4.29E-02 |
| OFCmed\_R-- Parietal\_Sup\_R | -2.827 | 5.10E-03 | -2.089 | 3.75E-02 | -3.788 | 1.88E-04 |
| Frontal\_Inf\_Tri\_L-- Parietal\_Inf\_L | -2.183 | 3.00E-02 | -2.370 | 1.84E-02 | -3.562 | 4.37E-04 |
| Frontal\_Inf\_Tri\_R-- Parietal\_Inf\_L | -2.617 | 9.44E-03 | -2.622 | 9.16E-03 | -2.923 | 3.77E-03 |
| Frontal\_Inf\_Tri\_L-- Parietal\_Inf\_R | -2.378 | 1.82E-02 | -2.465 | 1.42E-02 | -3.313 | 1.05E-03 |
| Frontal\_Inf\_Tri\_L-- SupraMarginal\_R | -2.146 | 3.29E-02 | -1.952 | 5.18E-02 | -3.413 | 7.44E-04 |
| Frontal\_Inf\_Orb\_2\_L-- SupraMarginal\_R | -2.153 | 3.23E-02 | -2.200 | 2.85E-02 | -3.650 | 3.16E-04 |
| Parietal\_Sup\_R-- Precuneus\_L | -1.706 | 8.94E-02 | -2.053 | 4.09E-02 | -3.122 | 2.00E-03 |
| Frontal\_Inf\_Tri\_L-- Precuneus\_R | -2.965 | 3.34E-03 | -2.426 | 1.58E-02 | -3.636 | 3.33E-04 |
| Caudate\_L-- Putamen\_L | -2.818 | 5.23E-03 | -2.468 | 1.41E-02 | -3.360 | 8.97E-04 |