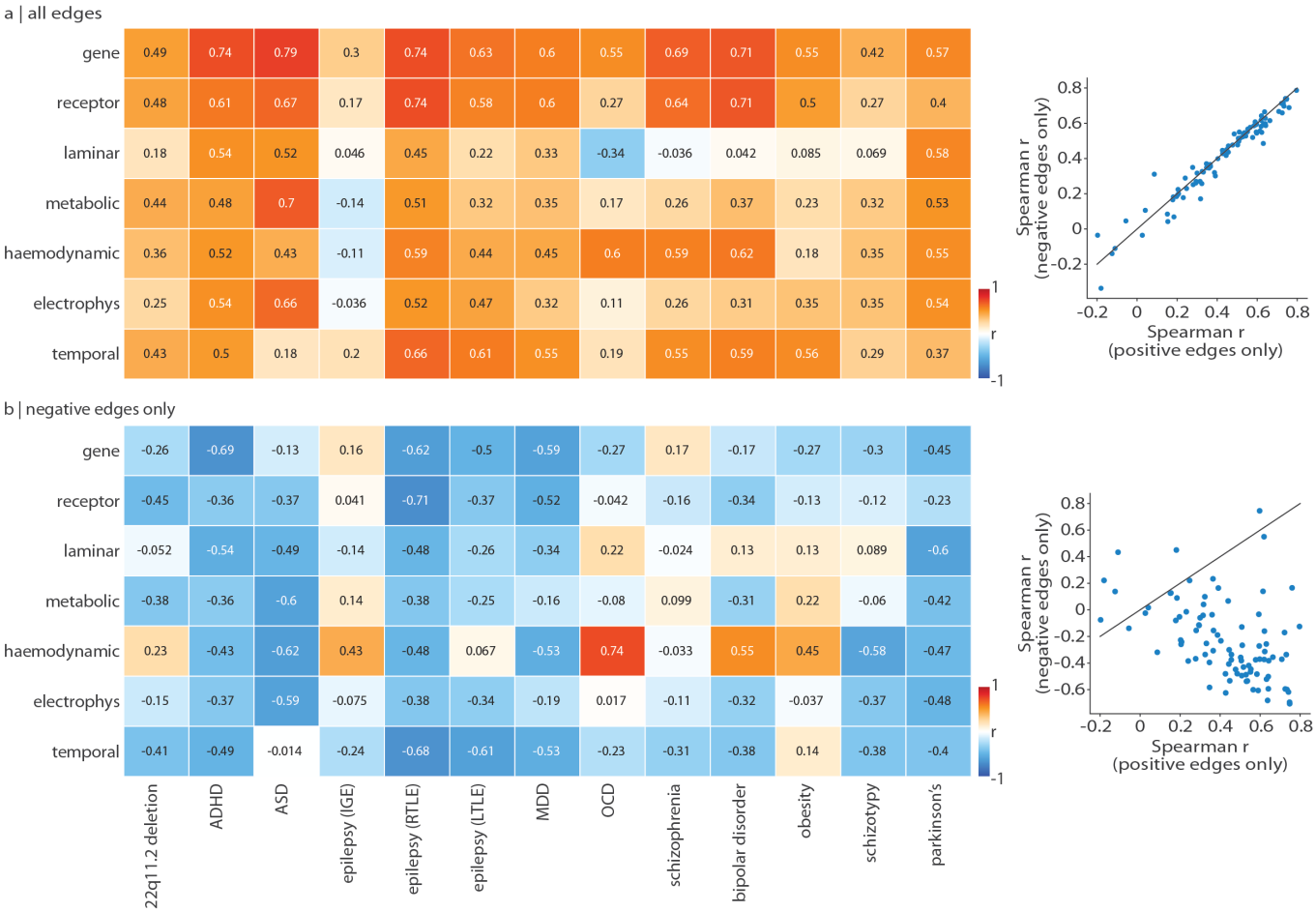

Figure S5. **Investigating the influence of negative edges in disease exposure |** We repeat the procedure in Fig. 4 but instead of retaining only positive edges, we retain (a) all edges, and (b) only negative edges. Scatter plots compare the original (positive edges only; x-axis) and updated (y-axis) Spearman's r correlation coefficients, with the identity line shown. The data underlying this figure can be found at https://github.com/netneurolab/hansen_many_networks.