



Figure S4. **Activity turnover during progressive modular remapping as inputs are realigned between two environments.** For the same randomly sampled realignments across varying degrees of modularity as in Figure 6B, these panels present the measure of activity turnover. The trends and relative magnitudes between realignments for turnover are qualitatively similar to those observed for the measure of remapping strength. The gradual increase of turnover with increasing modularity in the shift realignment is more consistent than the analogous increase of remapping strength.