

Figure S3: Effect of non-overlapping windows on the relationship between static and dynamic FC. Each column displays the results using non-overlapping windows of different size (shown in terms of TRs/window). The top row shows the relationship between static functional connectivity (x-axis) and mean dynamic functional connectivity (y-axis). In all cases, there is a clear nearly-linear relationship. In the second row, we plot the correspondence between static functional connectivity (x-axis) versus the standard deviation dynamic functional connectivity (y-axis). In all cases, the smallest standard deviations correspond to strongest static functional connections, indicating that these measures are not independent of one another.

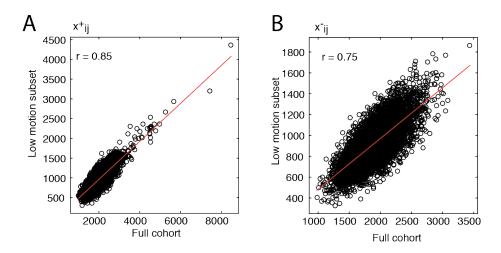


Figure S4: Correlation of excursion count matrices generated from the full cohort against and from a sub-set of the participants whose excursion count time-series was not strongly correlated with framewise displacement. A) Scatterplot of x_{ij}^+ for both groups; B) Scatterplot of x_{ij}^- for both groups.