

Supplementary Methods

Supplementary Figures

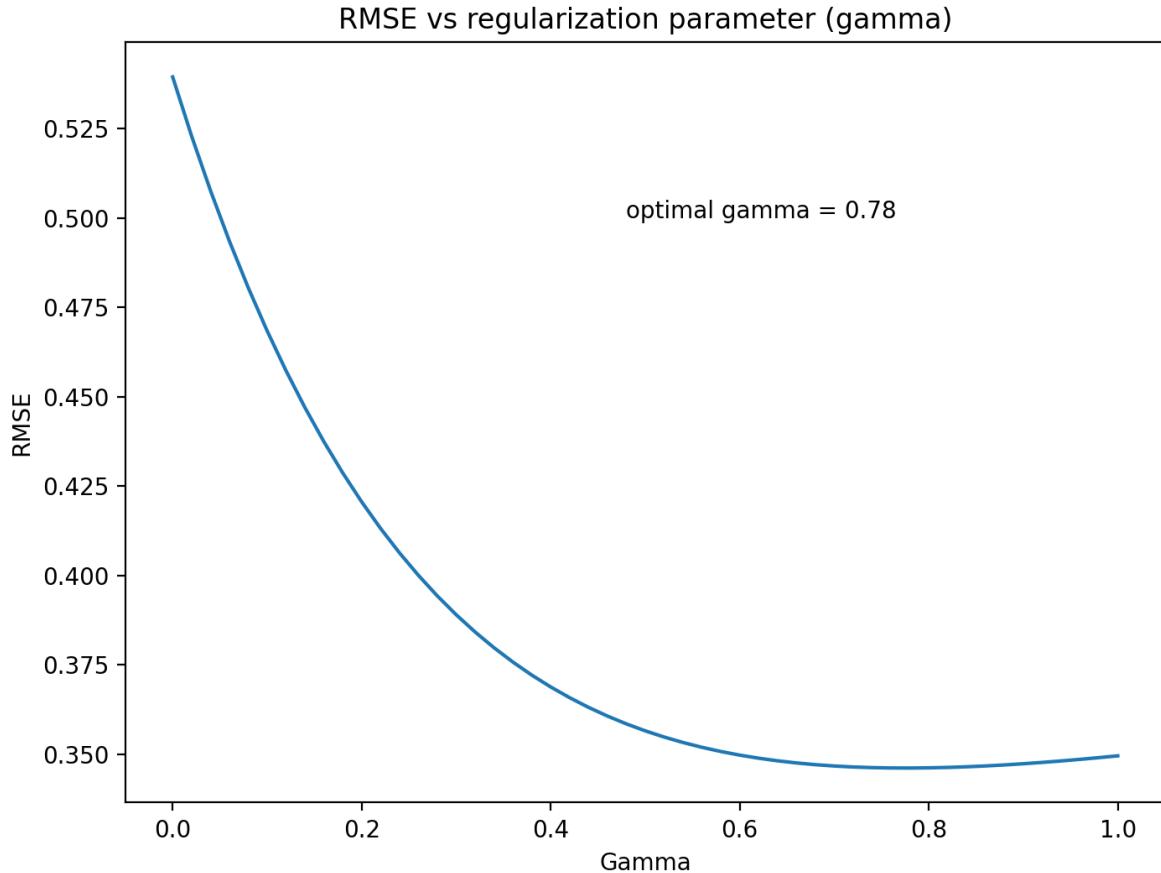


Figure 1: Results of gridsearch for gamma; plotted is the root mean squared error (RMSE) across subjects of the norm of each subject's precision matrix and the group average unregularized precision matrix at each lambda. The optimal gamma that minimized the RMSE across subjects was 0.78

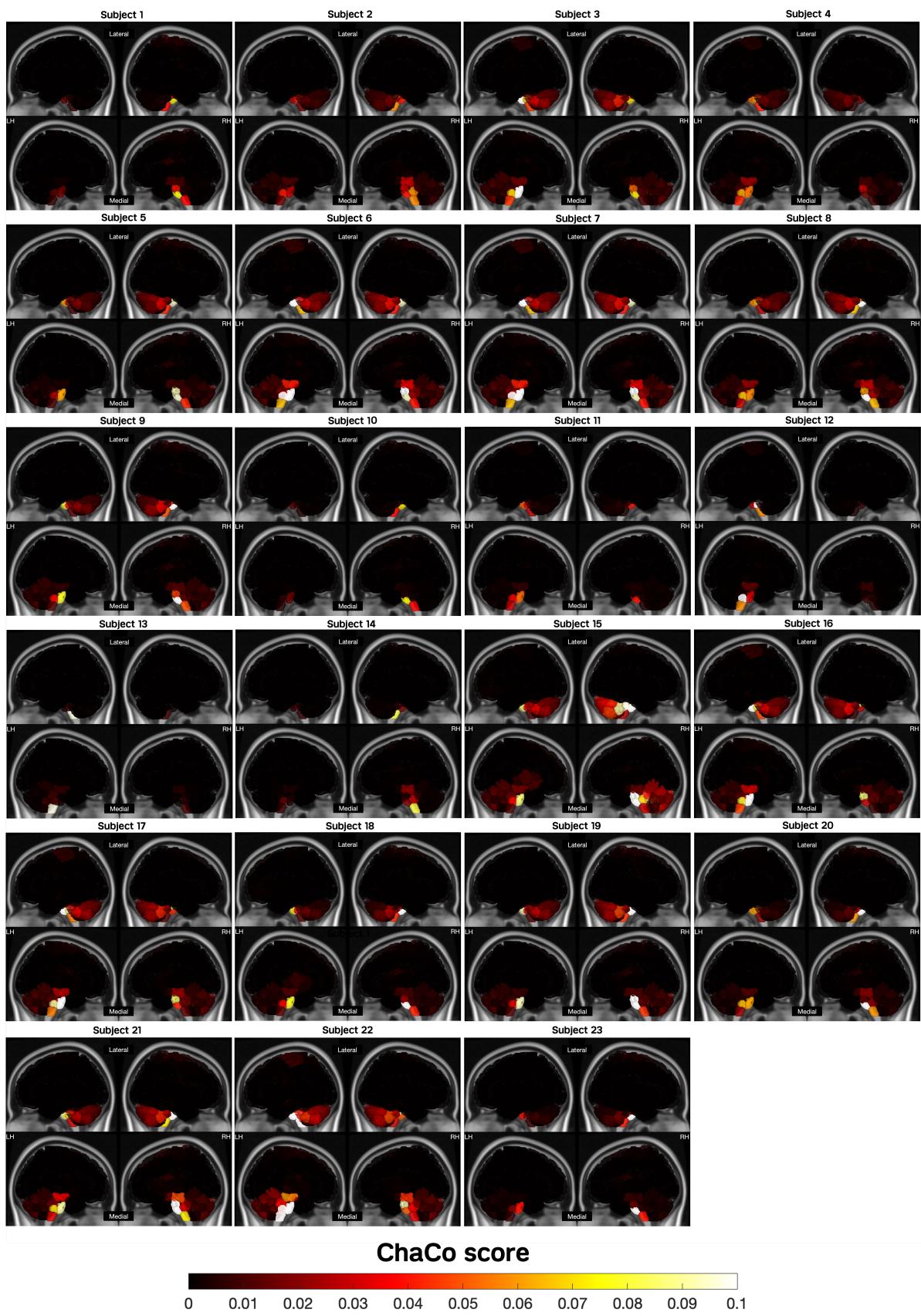


Figure 2: ChaCo scores of all subjects

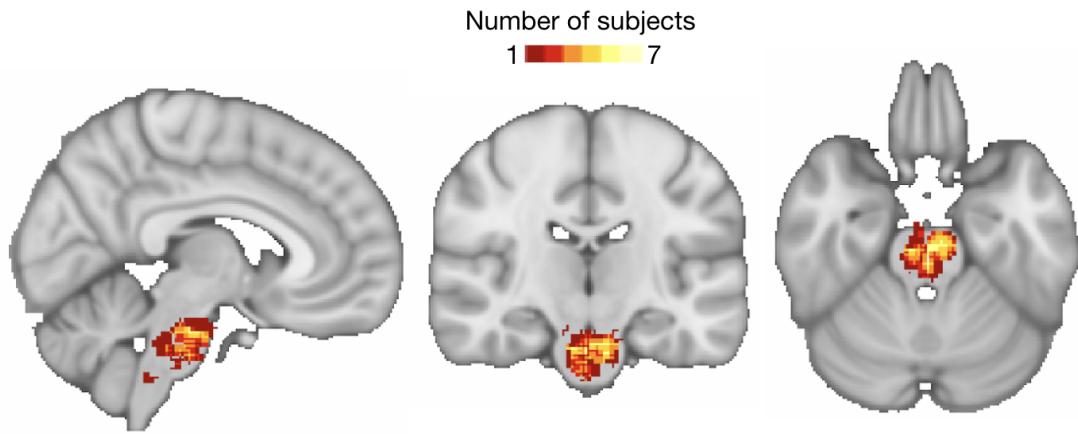


Figure 3: Distribution of lesions across all subjects.

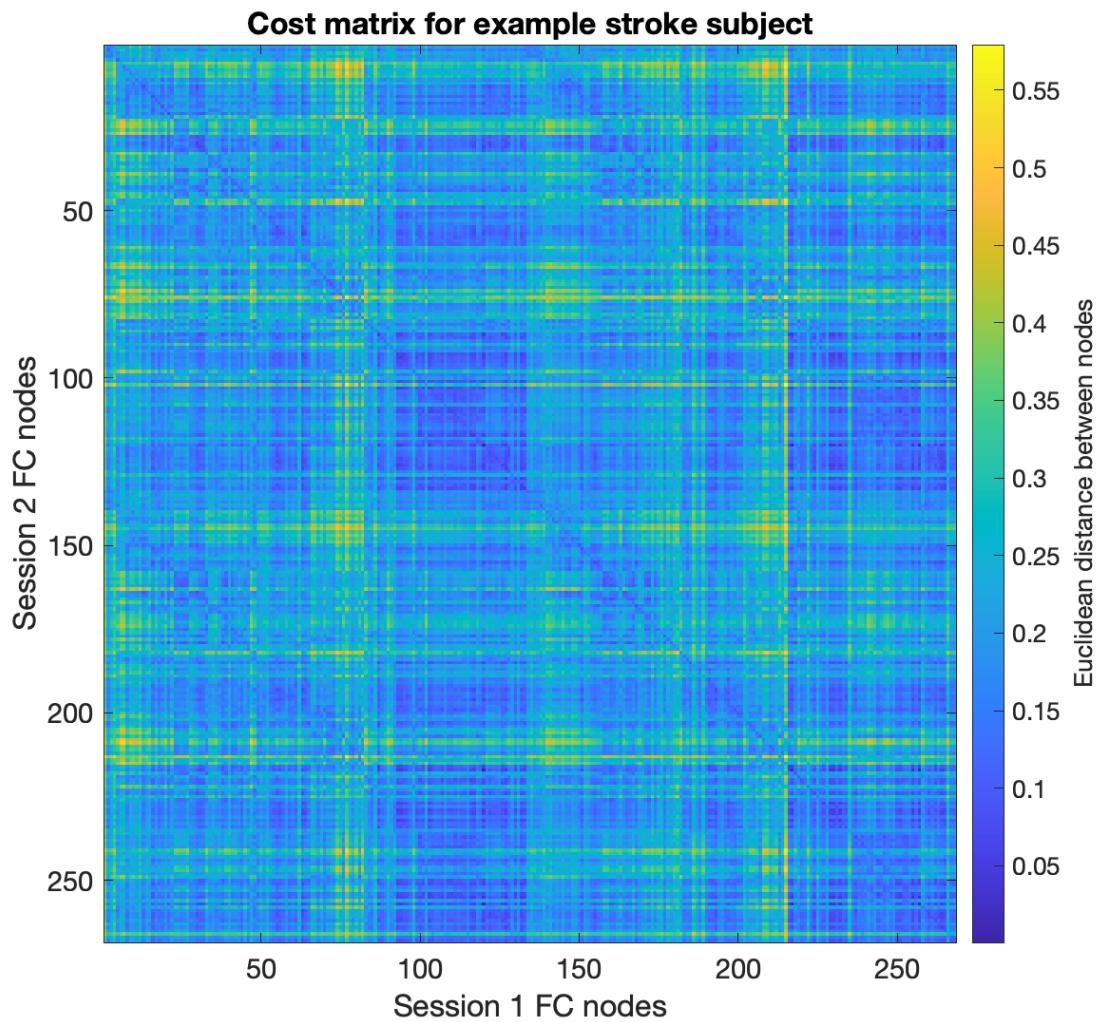


Figure 4: Cost matrix indicating the cost of remapping nodes from session 2 (vertical axis) to every other node in session 1 (horizontal axis).

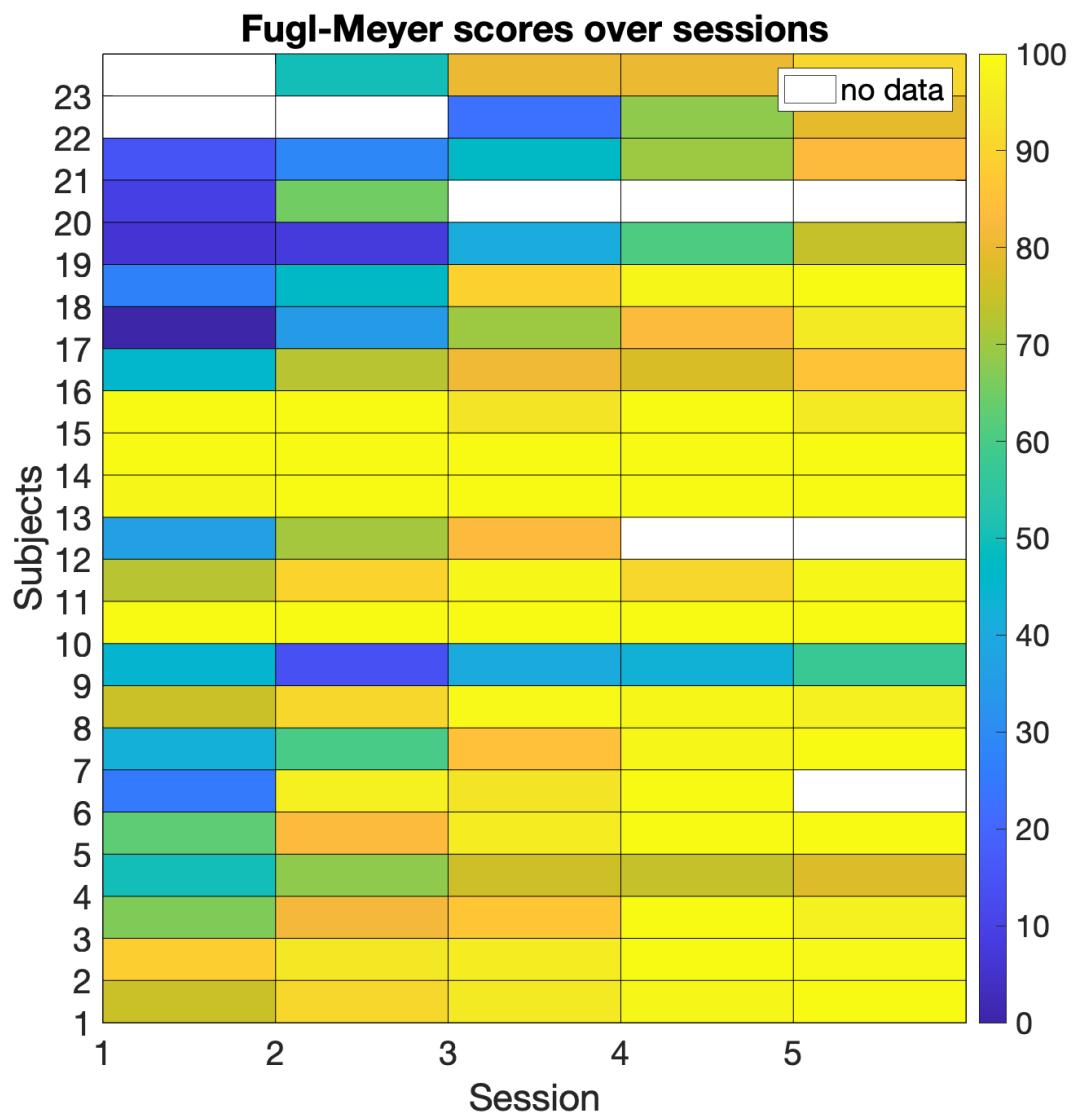


Figure 5: Fugl-Meyer scores for all subjects over sessions. Note that for subjects 6, 12, 20, 22, and 23 several scores are missing.

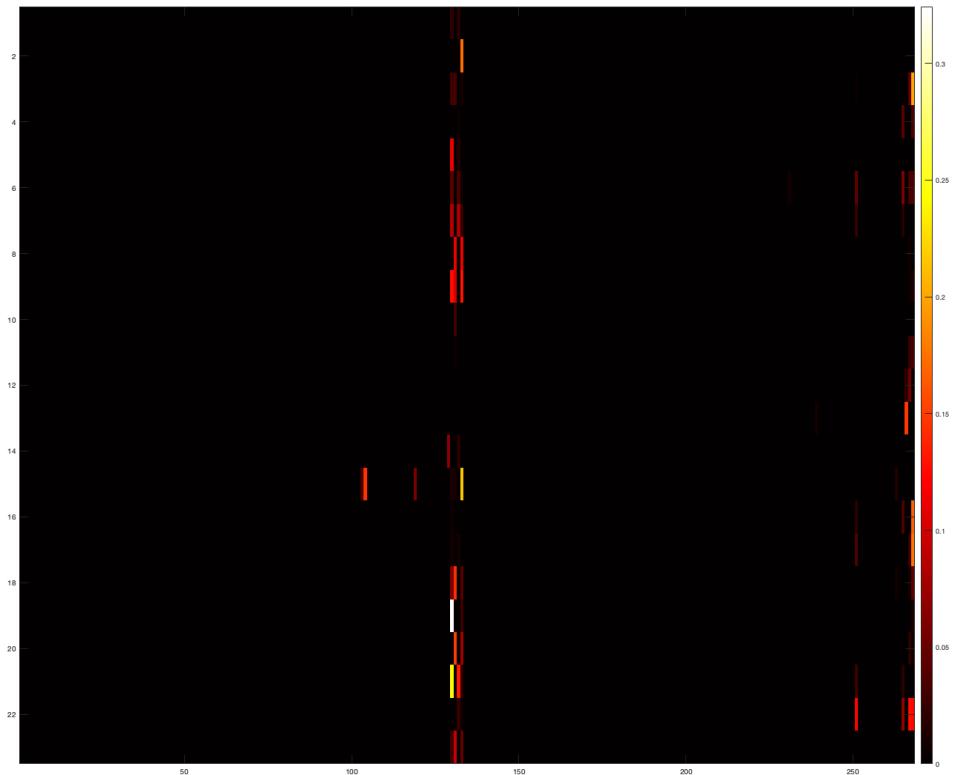
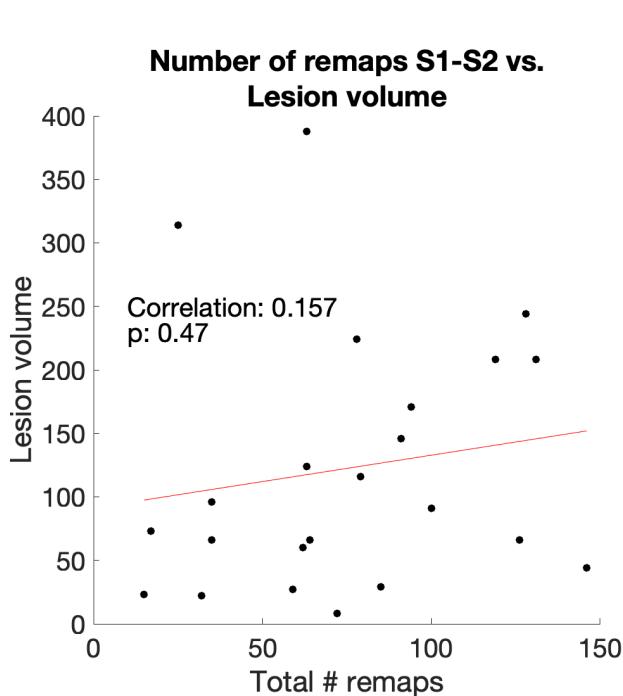
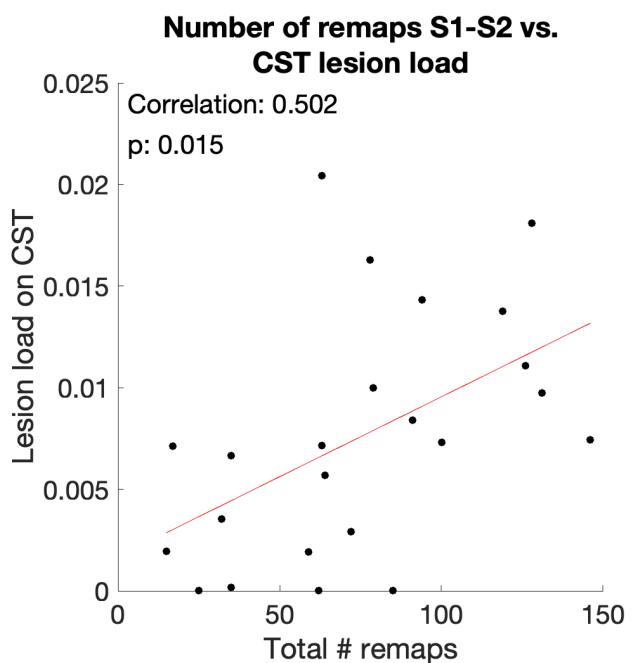


Figure 6: Extent of overlap between each of the 268 ROIs



(a) Lesion volume in mm³



(b) Lesion load on the CST calculated as the proportion of the CST that intersects with the binary lesion mask (calculated on the ipsilesional CST)

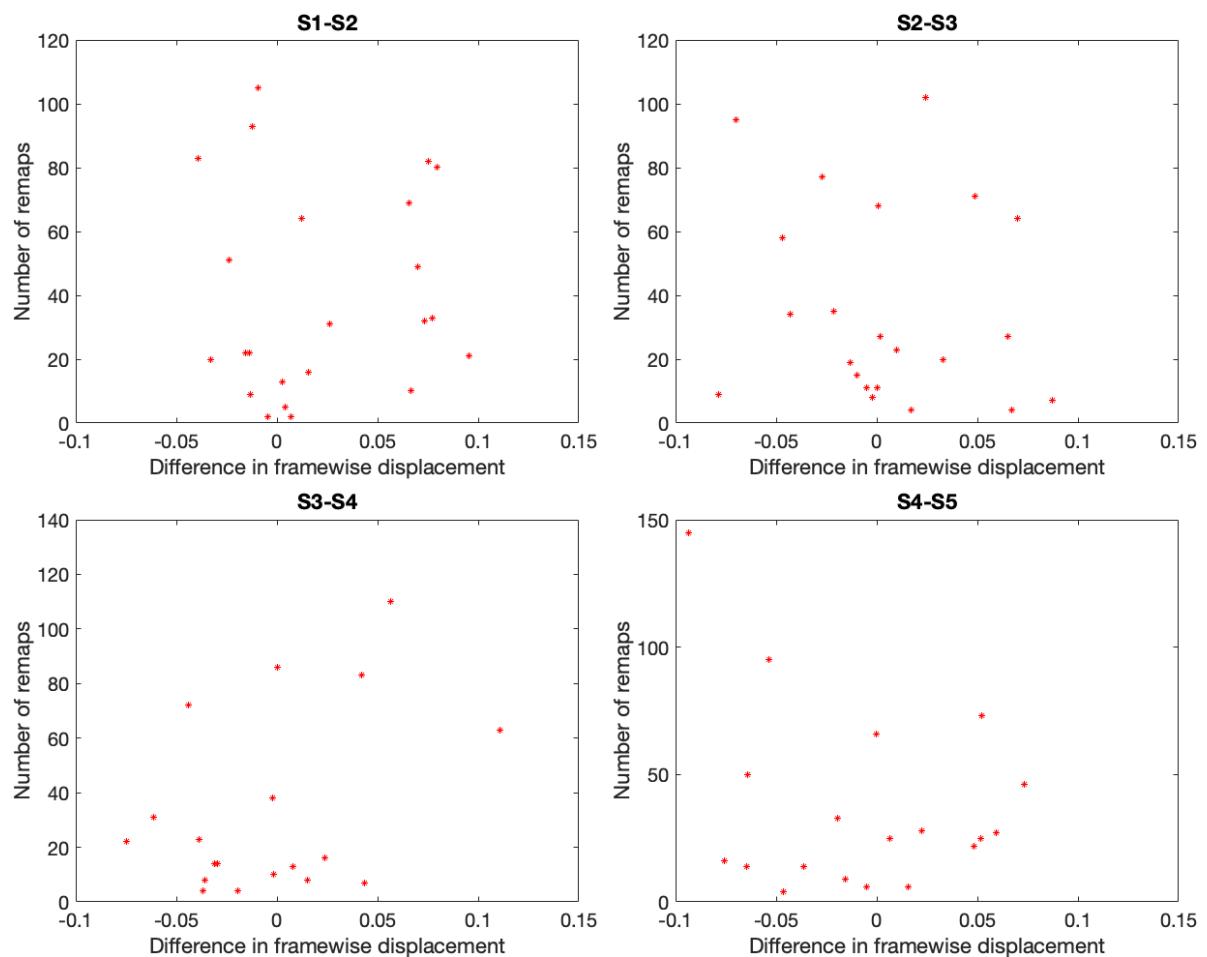


Figure 8: Correlation between difference in motion between 2 scans and amount of remaps