Supplement

Volumetric follow-up clusters as predictors of index ECT course response

Our primary analyses focused on volumetric changes six months after the index ECT course. We also checked whether the clusters of volumetric we identified after follow-up were related to response to index ECT. Thus, we performed VBM analyses examining change in the four clusters before and after the index ECT course. We found that Clusters 1, 2, and 3 demonstrated significant increases in volume after treatment (p < .001, p < .001, p < .05, respectively; FWE-corrected), though Cluster 4 did not (p > .05). Changes in cluster volumes were not significantly related to change in HAM-D score (all p’s > .05) nor did initial cluster volumes predict treatment response (all p’s > .05).