

Supplementary Material

Table 1 Post-hoc pairwise comparisons for group by drug interactions (fig 2c,d)

Region	No of voxels	p(FWEc)
Small volume correction using interaction mask (precuneus)		
Placebo(HC>MDD)	24	0.004
HC (placebo>citalopram)	8	0.028
Small volume correction using interaction mask (amygdala)		
Citalopram (HC>MDD)	10	0.04

p(FWE) = family wise error corrected p-value at cluster level

p values were multiplied by 4 within each mask group to correct for the four post hoc tests completed.

Table 2 Mean Frame Displacement (FD) and DVARS

Mean FD			
	HC	cMDD	
Citalopram	0.217614 (SD 0.08)	0.437562 (SD 0.26)	P<0.05 effect of group. No significant effect of treatment
Placebo	0.208711 (SD 0.07)	0.281471 (SD 0.12)	
Mean DVARS			
Citalopram	0.607666 (SD 0.11)	0.899369 (SD 0.30)	P<0.05 effect of group. No significant effect of treatment
Placebo	0.621146 (SD 0.08)	0.703382 (SD 0.20)	