

Additional file 4

Table: Peaks of regions in which the contrast of DMN deactivation (fixation>BIO) was negatively correlated with Oppositional Defiant Disorder (ODD) scores in ASD, while controlling for Social Responsiveness Scale (SRS) total raw scores

Anatomical regions		<i>x</i>	<i>y</i>	<i>z</i>	<i>Z</i>
Angular gyrus	L	-42	-58	40	3.14
Inferior parietal gyrus	L	-52	-58	48	3.45
Supramarginal gyrus	L	-56	-52	32	3.20

Note. Coordinates are in MNI152 mm space. Results were thresholded at $Z > 1.96$ ($p < .05$) and corrected for multiple comparisons at the cluster level ($p < .05$). L, Left; BIO, Biological motion; DMN, Default Mode Network.

Figure: Neural correlates of disruptive behavior on the contrast of DMN deactivation (fixation>BIO) in ASD. Disruptive behavior was based on Oppositional Defiant Disorder (ODD) scores, while controlling for Social Responsiveness Scale (SRS) total raw scores. Left panel illustrates the brain regions showing significant correlates. Right panel is the scatterplot of disruptive behavior (x -axis) and the average DMN deactivations to fixation>BIO in these brain regions (y -axis; unit: percent signal change), with a regression line and the 95% confidence intervals. DMN, Default Mode Network; BIO, Biological motion; LPC, Lateral Parietal Cortex. *** $p < .001$

Contrast of DMN Deactivation: Fixation>BIO

