

Appendix 1 to Islam AH, Metcalfe AW, MacIntosh BJ, et al. Greater body mass index is associated with reduced frontal cortical volumes among adolescents with bipolar disorder. *J Psychiatry Neurosci* 2017.

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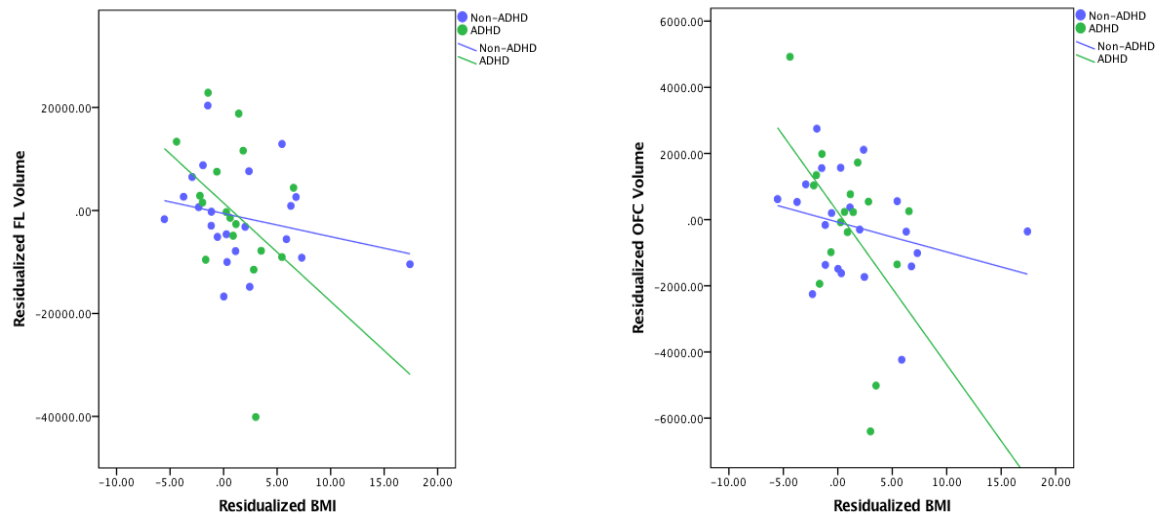


Figure S1. ADHD-by-BMI interaction on frontal lobe (FL) volume and orbitofrontal cortex (OFC) volume, within BD group. S1a. Scatterplot of residualized BMI vs. residualized orbital frontal lobe volume. **S1b.** Scatterplot of residualized BMI vs. residualized orbitofrontal cortex volume

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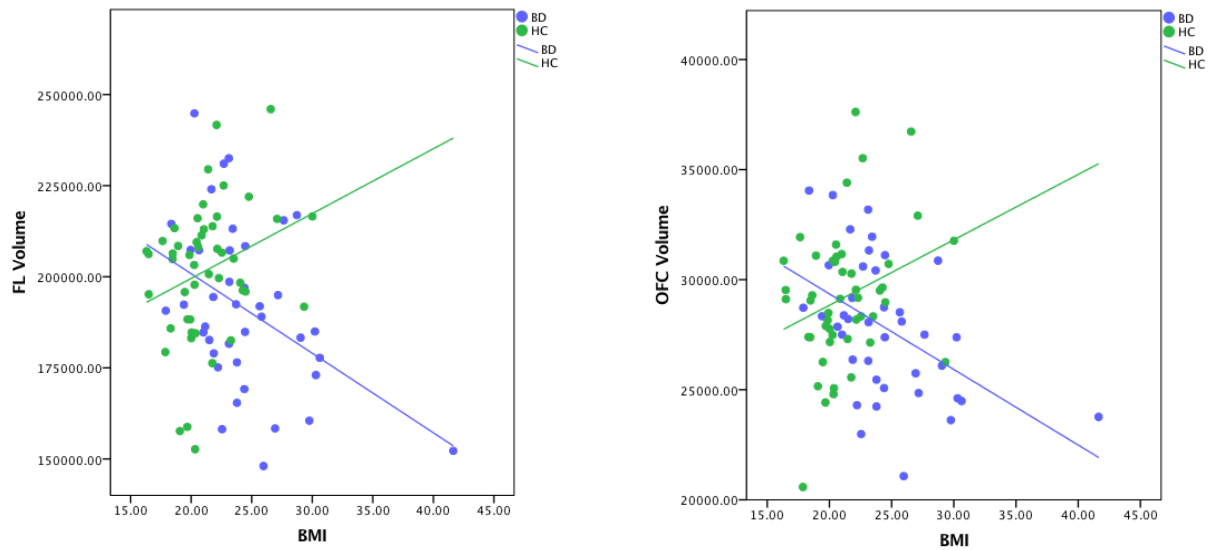


Figure S2. Diagnosis-by-BMI interaction on frontal lobe (FL) volume and orbitofrontal cortex (OFC) volume. S2A. Scatterplot of BMI vs. raw FL volume. **S2B.** Scatterplot of BMI vs. raw OFC volume.

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Figure S3

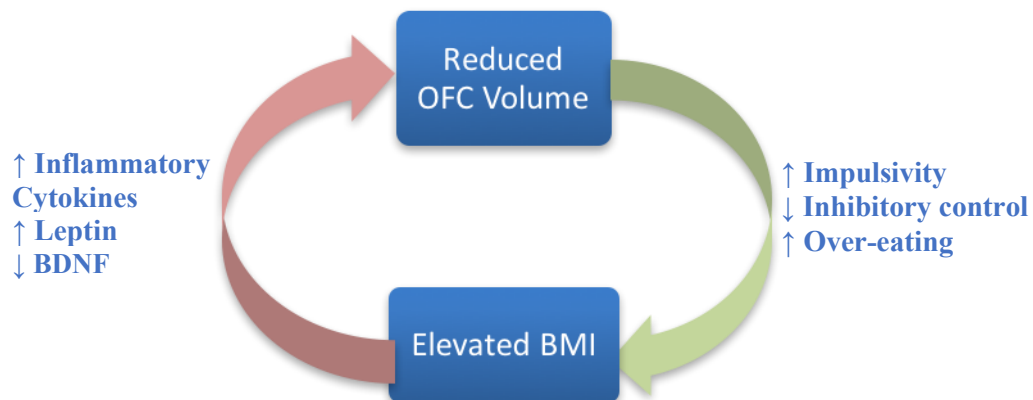


Figure S3. Proposed bidirectional relationship between BMI and ROI volumes