

**Supplemental Figure 1. A)** Significant cluster from functional connectivity driven from left inferior parietal lobule from the contrast of ovulatory phase > menstrual phase. **B)** Significant cluster from functional connectivity driven from right inferior parietal lobule from the contrast of ovulatory phase > menstrual phase. **C)** Significant cluster from functional connectivity driven from right inferior parietal lobule from the contrast of ovulatory phase > luteal phase. While these maps were thresholded at p<0.001, no clusters passed cluster-extent correction for multiple comparisons.