## **Cognitive Composite Score (Concurrent)** Location **Scale** RQ2a: Loneliness RQ2a: Loneliness 15 2.0 1.5 10 Density Density 1.0 5 0.5 0.0 0 0.1 -0.50-0.25 0.00 0.25 0.50 -0.10.0 WP Assoc. WP Assoc. RQ2c: Loneliness x Social RQ2c: Loneliness x Social Interaction Recency Interaction Recency 125 100 4 **Density** 75 **50** 2 25 0 0 -0.30-0.15 0.00 0.15 0.30 -0.020.010.000.010.02 WP Assoc. WP Assoc. RQ2d: Loneliness x Social RQ2d: Loneliness x Social Interaction Quality Interaction Quality 4 60 3 40 Density 2 20 1 0 0 -0.30-0.15 0.00 0.15 -0.020.010.000.010.02 WP Assoc. WP Assoc.

Disclaimer: None of these plots are insightful