Cognitive Composite Score (Prospective) Location **Scale** RQ2a: Loneliness RQ2a: Loneliness 15 2 Density 10 5 0 0.1 -0.1-0.50-0.25 0.00 0.25 0.50 0.0 WP Assoc. WP Assoc. RQ2c: Loneliness x Social RQ2c: Loneliness x Social Interaction Recency Interaction Recency 100 60 **75** Density 40 50 20 25 0 0 -0.30-0.15 0.00 0.15 0.30 -0.020.010.000.01 0.02 WP Assoc. WP Assoc. RQ2d: Loneliness x Social RQ2d: Loneliness x Social Interaction Quality Interaction Quality 50 9 40 **Density** 30 6 20 3 10

Density

Density

-0.30-0.15 0.00 0.15

WP Assoc.

0.30

Disclaimer: None of these plots are insightful

-0.020.010.000.01 0.02

WP Assoc.