Cognitive Composite Score (Concurrent) Location **Scale** RQ2a: Loneliness RQ2a: Loneliness 15 **Density** 10 5 0 -0.50-0.25 0.00 0.25 0.50 0.1 -0.10.0 WP Assoc. WP Assoc. RQ2c: Loneliness x Social RQ2c: Loneliness x Social Interaction Recency Interaction Recency 150 100 Density 50 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 **75** Density **50** 25

3

2

1

12

9

6

3

0

4

3

2

1

-0.30-0.15 0.00 0.15

WP Assoc.

Density

Density

Density

-0.020.010.000.010.02

WP Assoc.