Single Units Original Areas
# of cells
Including only regions with cell # >90

novel& surprise, rho = 0.6367, p = 0.0012
novel& recency, rho = 0.3372, p = 0.1249
surprise ranksum, p = 0.0098
recency ranksum, p = 0.1948

recency, lowest 4 area, p = 0.5638
recency, highest 4 area, p = 0.0000
recency, highest vs lowest, p = 0.0000
surprise, lowest 4 area, p = 0.0000
surprise, highest 4 area, p = 0.0000
surprise, highest vs lowest, p = 0.0000

Legend (top): Novelty, Sensory surprise, Recency, Violation

Legend (top right): Novelty & Surprise, Novelty & Recency, Novelty & violation

Histograms: p = 0.00026, p = 0.00193, p = 0.00551

Y-axis regions: AVMTC, 9/46V, Amygdala, Basal forebrain, Posterior Medial Temporal Cortex, 45B, Anterior Entorhinal cortex, OFC, Insula, Striatum, Hippocampus, Globus Pallidus, 8A, 8AD, Thalamus, Posterior Entorhinal cortex, DIP, 8B, 6DR, 6DC, Cingulate, 4

X-axis labels: % of cells, Correlation (rho), Correlation (rho), Correlation (rho)

Cell numbers:
615 1443
162 52
280 1088
33   131
75   345
68   442
65   544
29   251
11   98
148 1504
140 1599
70   894
6   90
32   644
44   939
12   262
5   114
24   607
16   415
24   743
32   1137
3   308