

Ensemble 1 (shuffled) -> Mean:  $2.69 \times 10^{-17}$ , SEM: 0.0051, N: 198  
Ensemble 1 (unshuffled) -> Mean: 0.0607, SEM: 0.00535, N: 198  
Ensemble 2 (shuffled) -> Mean:  $-4.15 \times 10^{-17}$ , SEM: 0.00754, N: 257  
Ensemble 2 (unshuffled) -> Mean: 0.136, SEM: 0.00486, N: 257  
Ensemble 3 (shuffled) -> Mean: 0, SEM: 0.0105, N: 154  
Ensemble 3 (unshuffled) -> Mean: 0.202, SEM: 0.00673, N: 154  
Ensemble 4 (shuffled) -> Mean:  $-3.07 \times 10^{-16}$ , SEM: 0.0068, N: 237  
Ensemble 4 (unshuffled) -> Mean: 0.109, SEM: 0.00589, N: 237

All shuffled stats -> Mean:  $-9.55 \times 10^{-17}$ , SEM: 0.00373, N: 846

Neuron-level Cluster analysis | Population: Gi-DREADDs | Group: CueRein

