

Ensemble 1 (shuffled) -> Mean:  $-6.95 \times 10^{-17}$ , SEM: 0.00499, N: 575  
Ensemble 1 (unshuffled) -> Mean: 0.133, SEM: 0.0043, N: 575  
Ensemble 2 (shuffled) -> Mean:  $8.63 \times 10^{-17}$ , SEM: 0.00579, N: 391  
Ensemble 2 (unshuffled) -> Mean: 0.0862, SEM: 0.00585, N: 391  
Ensemble 3 (shuffled) -> Mean:  $1.19 \times 10^{-16}$ , SEM: 0.00385, N: 763  
Ensemble 3 (unshuffled) -> Mean: 0.0962, SEM: 0.00348, N: 763  
Ensemble 4 (shuffled) -> Mean:  $-5.25 \times 10^{-18}$ , SEM: 0.00508, N: 508  
Ensemble 4 (unshuffled) -> Mean: 0.158, SEM: 0.00452, N: 508

All shuffled stats -> Mean:  $3.97 \times 10^{-17}$ , SEM: 0.00239, N: 2237

