

Ensemble 1 (shuffled) -> Mean:  $-2.48 \times 10^{-18}$ , SEM: 0.00469, N: 715  
Ensemble 1 (unshuffled) -> Mean: 0.0469, SEM: 0.00419, N: 715  
Ensemble 2 (shuffled) -> Mean:  $3.15 \times 10^{-18}$ , SEM: 0.00426, N: 564  
Ensemble 2 (unshuffled) -> Mean: 0.0193, SEM: 0.00387, N: 564  
Ensemble 3 (shuffled) -> Mean:  $9.86 \times 10^{-18}$ , SEM: 0.00327, N: 811  
Ensemble 3 (unshuffled) -> Mean: 0.0388, SEM: 0.00282, N: 811  
Ensemble 4 (shuffled) -> Mean:  $4.07 \times 10^{-17}$ , SEM: 0.00457, N: 502  
Ensemble 4 (unshuffled) -> Mean: 0.0708, SEM: 0.00464, N: 502

All shuffled stats -> Mean:  $1.27 \times 10^{-17}$ , SEM: 0.00209, N: 2592

