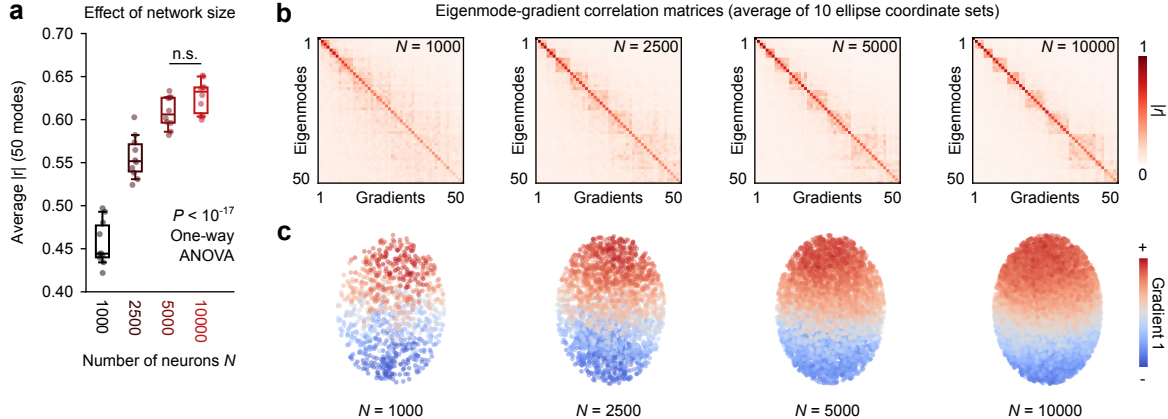
a
Effect of network size
Average |r| (50 modes)
0.70
0.65
0.60
0.55
0.50
0.45
0.40
n.s.
P < 10^-17
One-way
ANOVA
1000
2500
5000
10000
Number of neurons N
b
Eigenmode-gradient correlation matrices (average of 10 ellipse coordinate sets)
N = 1000
N = 2500
N = 5000
N = 10000
Eigenmodes
Gradients
1
50
|r|
c
Gradient 1
+
-
N = 1000
N = 2500
N = 5000
N = 10000