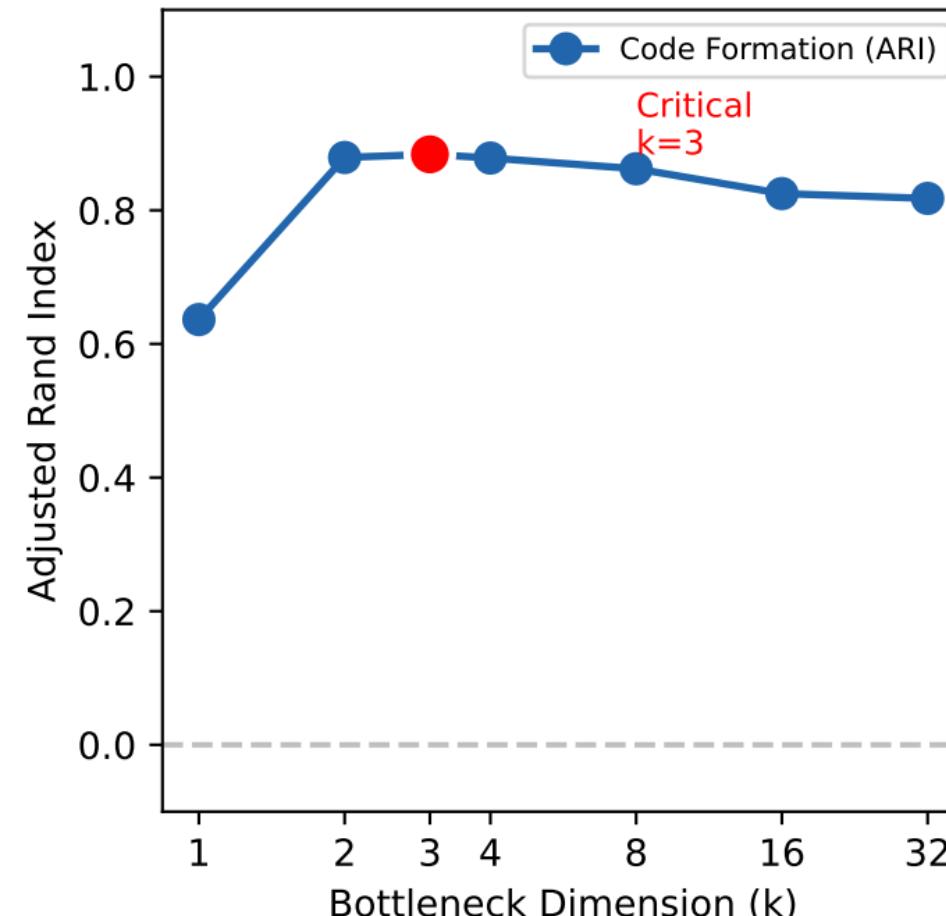
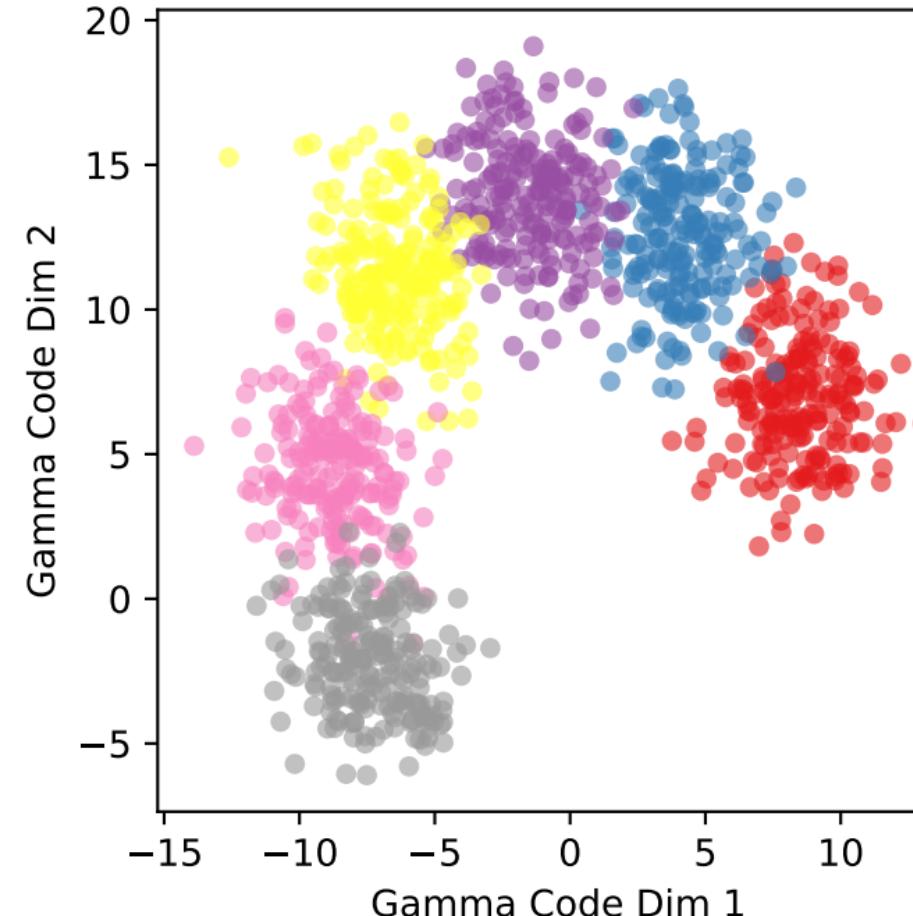


### A. Code Formation at Critical Capacity



### B. Discrete Codes Emerge ( $k=2$ )



### C. The Mechanism

