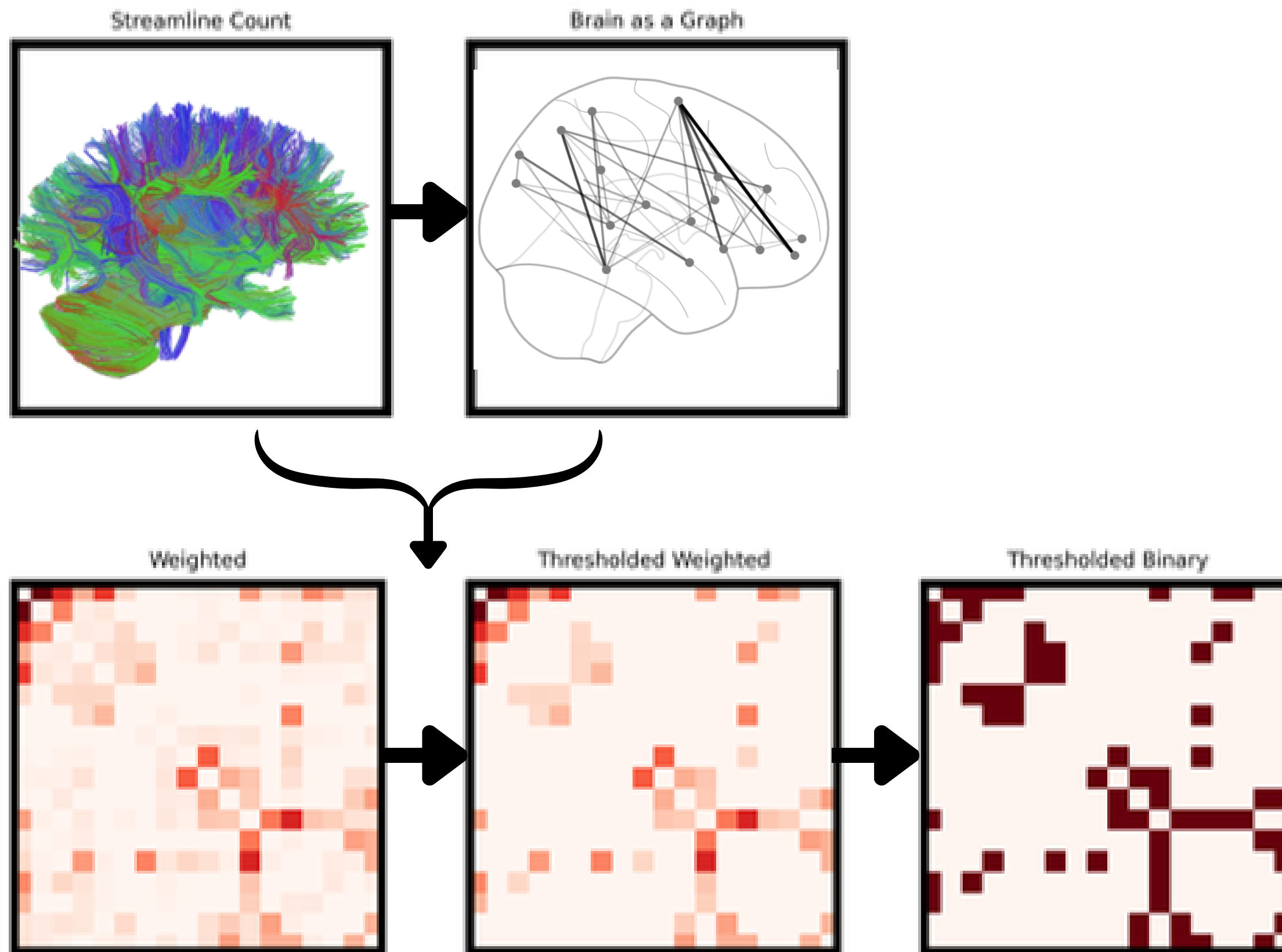


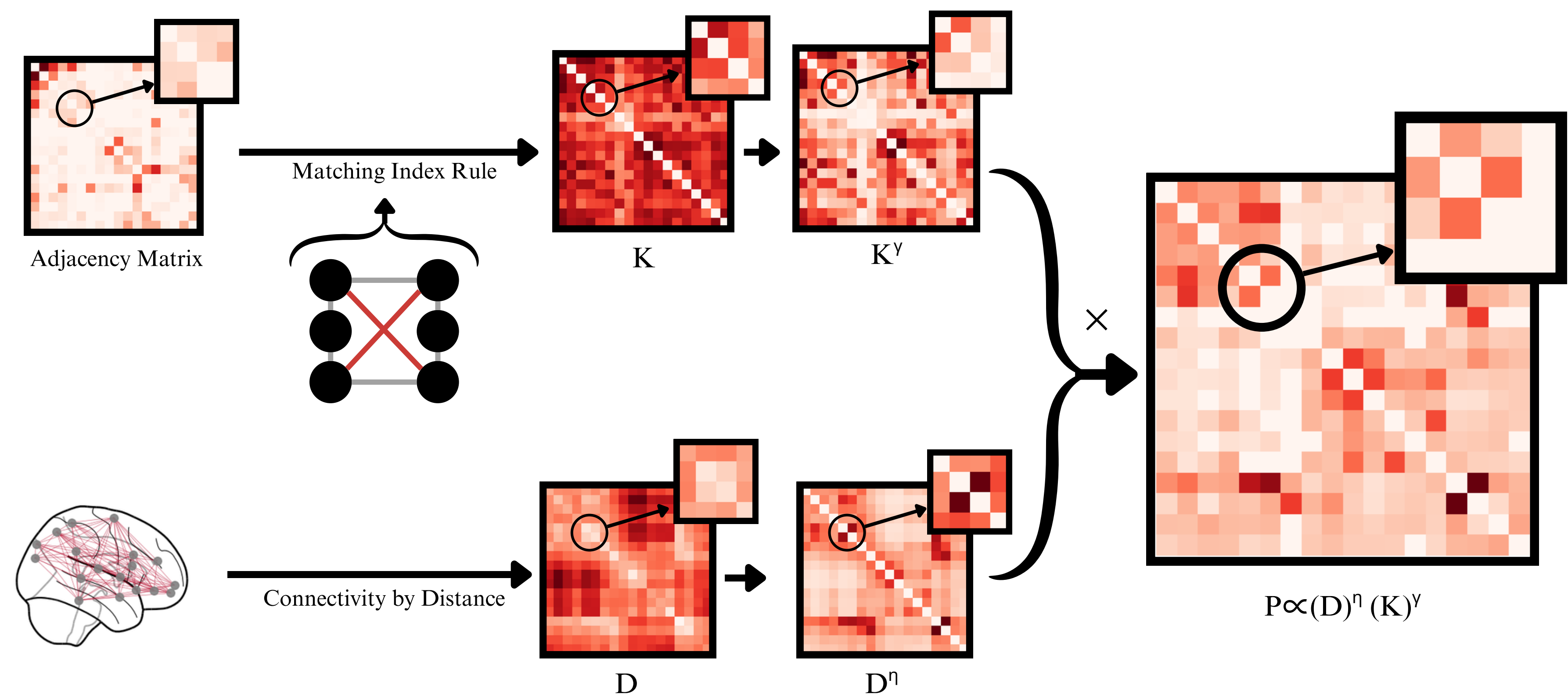
# Figure 1

## *Pre-Processing a Connectome*



*Note. 90x90 Parcillation*

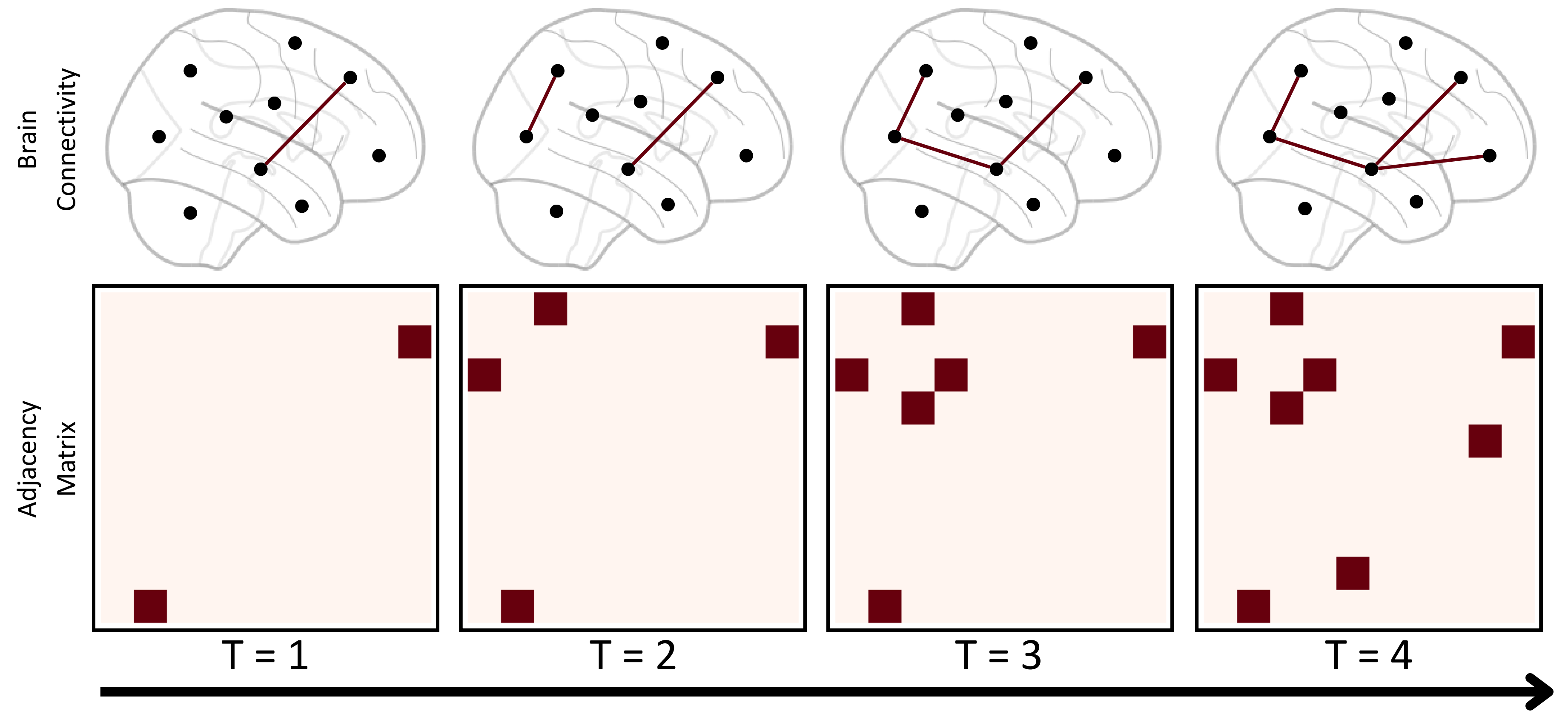
**Figure 2**  
*Iteration of Generative Algorithm*



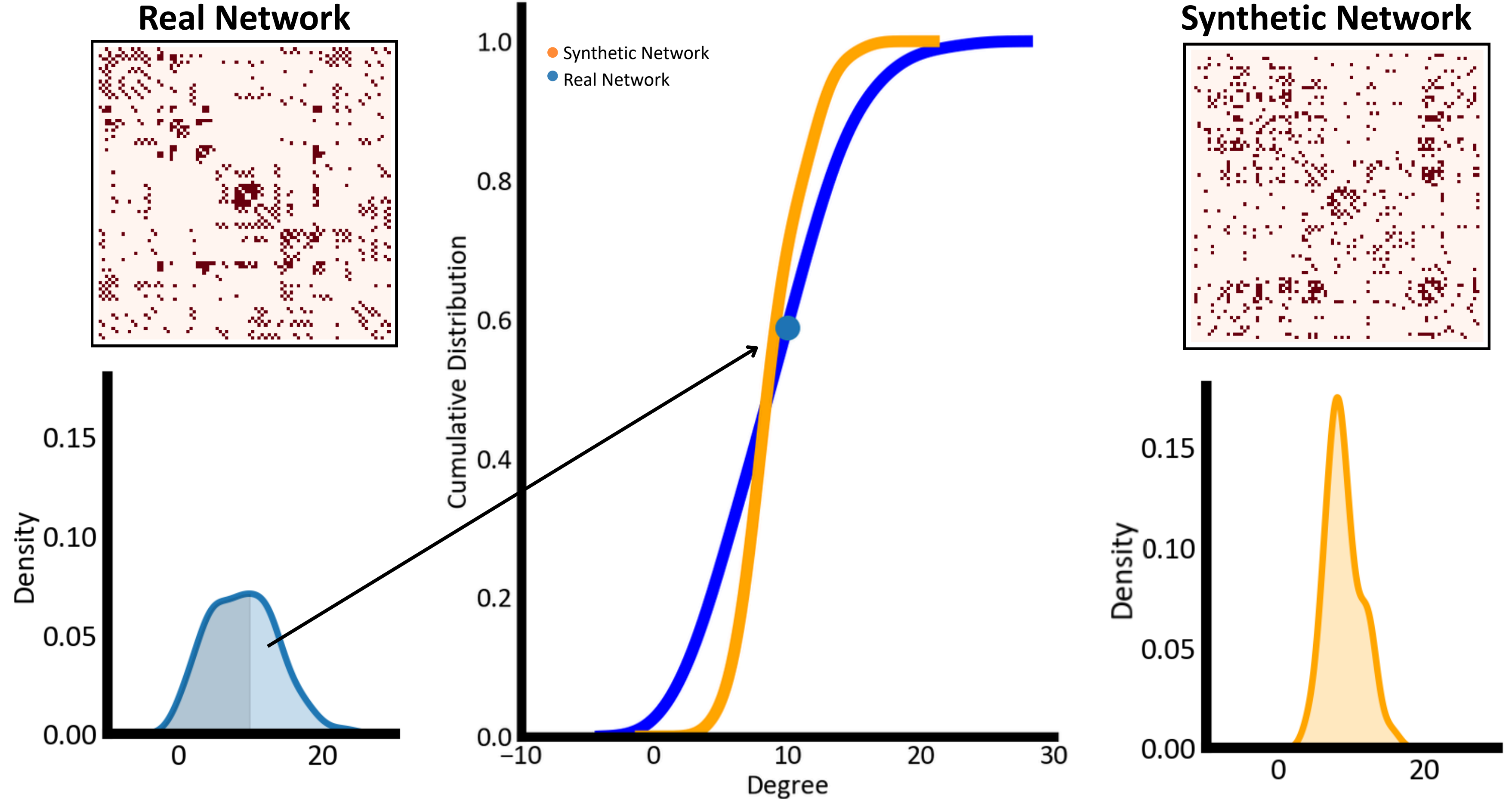
*Note.  $K$  = Matching Index,  $D$  = Distance Matrix*

**Figure 3**

*Evolution of Synthetic Networks*



**Figure 4**  
*KS Distance by Degree*



**Figure 5**  
Minimal KS Distance

