

List of Symbols

Symbol	Description
$A_{t\mu}$	Amplitude of component μ at time t
B_i	Balance Index
\bar{C}	Average clustering coefficient
C_b	Balanced cycles
C_{reg}	Average Clustering coefficient of a regular graph
C_{ub}	Unbalanced cycles
$C_{\mu s}$	Magnitude of component μ at space point s
D_n	Driver Neurons
E	Edges
G	<i>C. elegans</i> genes
G_e	Excitatory genes
G_i	Inhibitory genes
G_n	Genes expressed only in neurons
L	Characteristic path-length
L_{reg}	Characteristic path-length of regular graph
M	Matching
n_D	Number of driver neurons
n_{FFM}	Number of feed forward motifs
Δn_{FFM}	Change in number of feed forward motifs
S_p	Potential of synapse
U_g	Unique genes
V	Vertex
X_{ts}	Raw scan intensity at time t and space point s

