(A) Distribution of in.degree centrality in the pathway under simulation
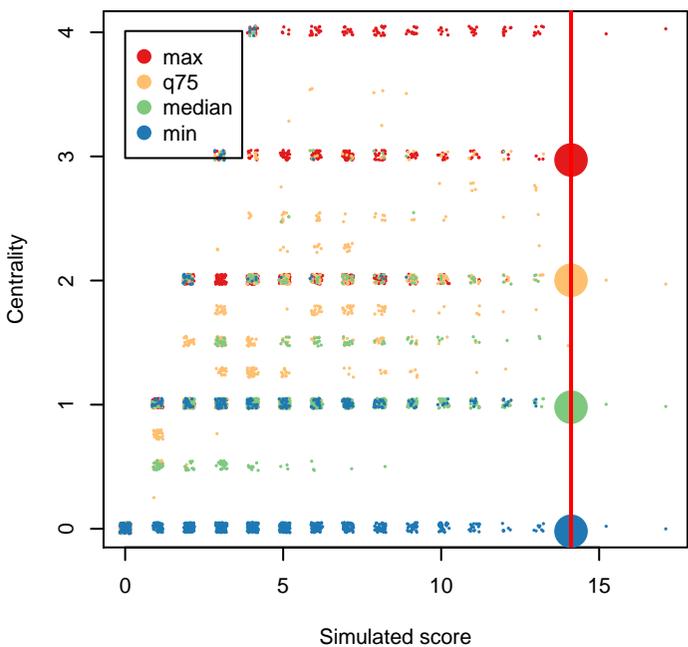
(B)
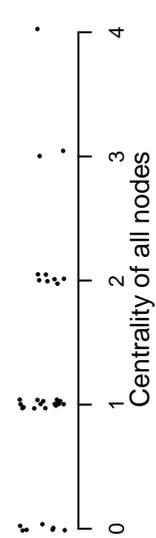
(C) Histogram of simulated scores in the pathway using in.degree centrality as weight
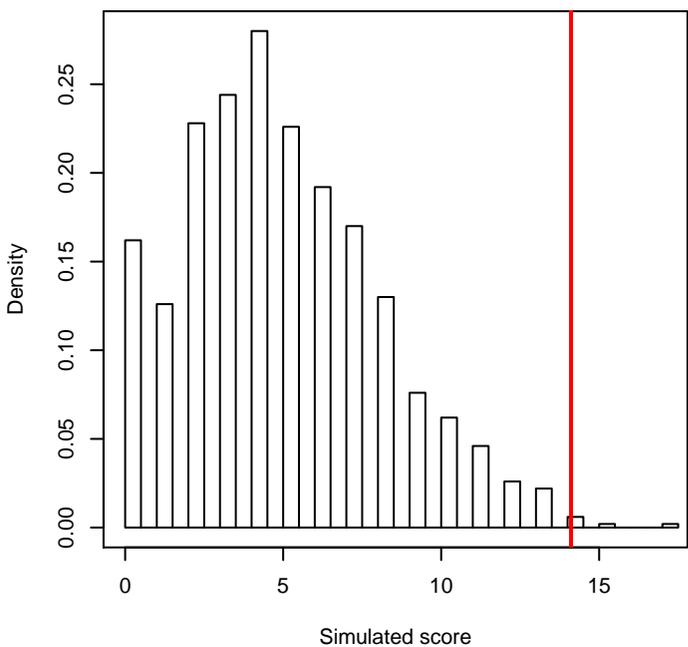
(D) Graph view of the pathway

Legend (A): max, q75, median, min

Axis labels (A): Centrality; Simulated score

Axis labels (B): Centrality of all nodes

Axis labels (C): Density; Simulated score

Legend (D):
- Diff gene/complex/family
- gene/complex/family
- other type of nodes

Node labels (D): [CDK5], [CDK5][CDK5R1], SRF, [NTF3], [CDK5R1], ELK1, [FOS], MEF2C, CREB1, [EGR1], RPS6KA1, 204013, ELK1, MAPK7, RPS6KA5, MAPKAPK2, TRPV1, MAPK1 MAPK3, MAP2K5, MAPK14, RAF1, MAPK1 MAPK3, [RUSC1], PRKCD, MAP3K2, [MAP2K3][MAP2K6], [MAP2K1], RAP1A RAP1B, RIT1, [MAP2K3 MAP2K6], [HRAS] KRAS [NRAS], RIT2, BRAF