

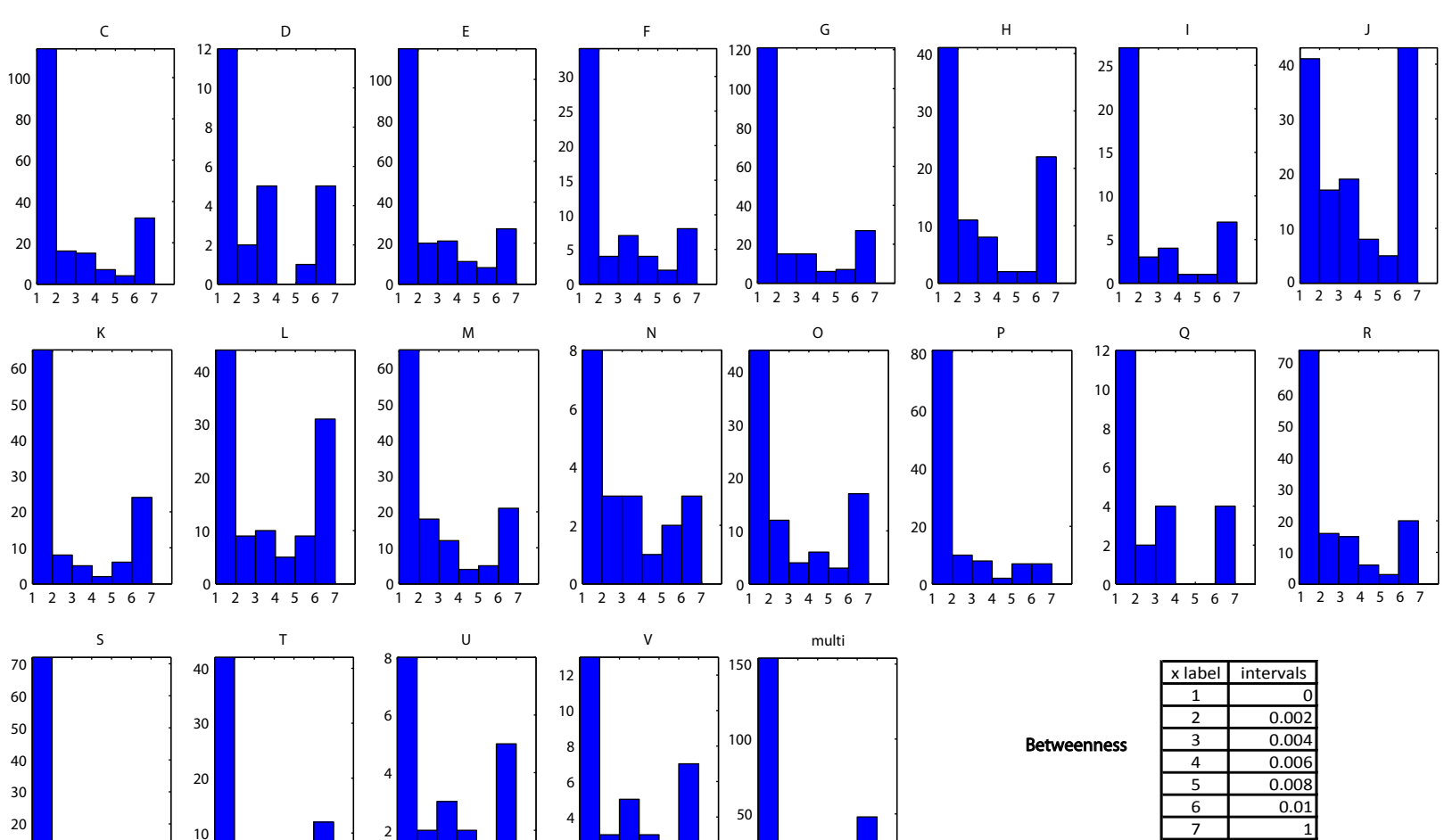


Figure S4A

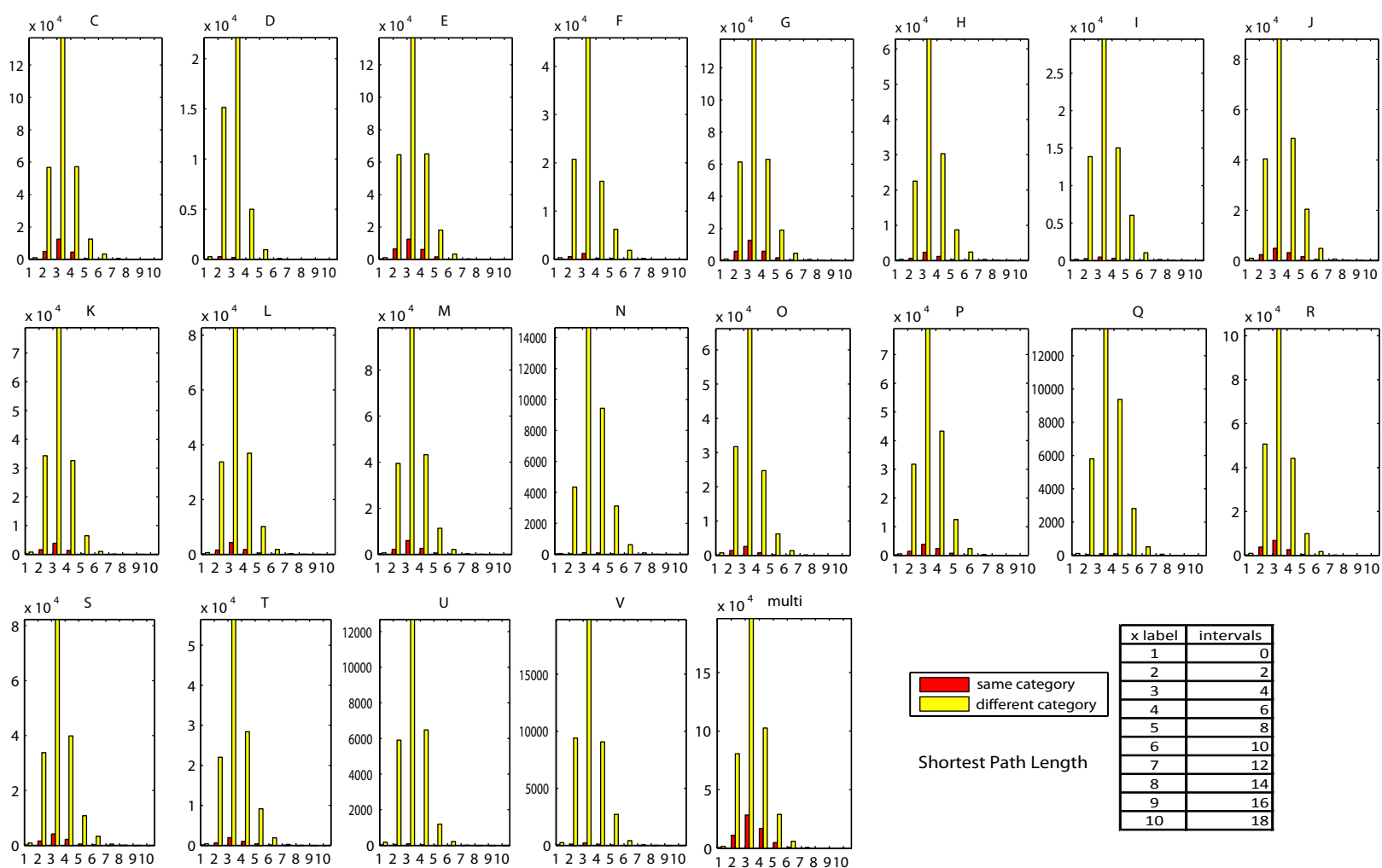


Figure S4B

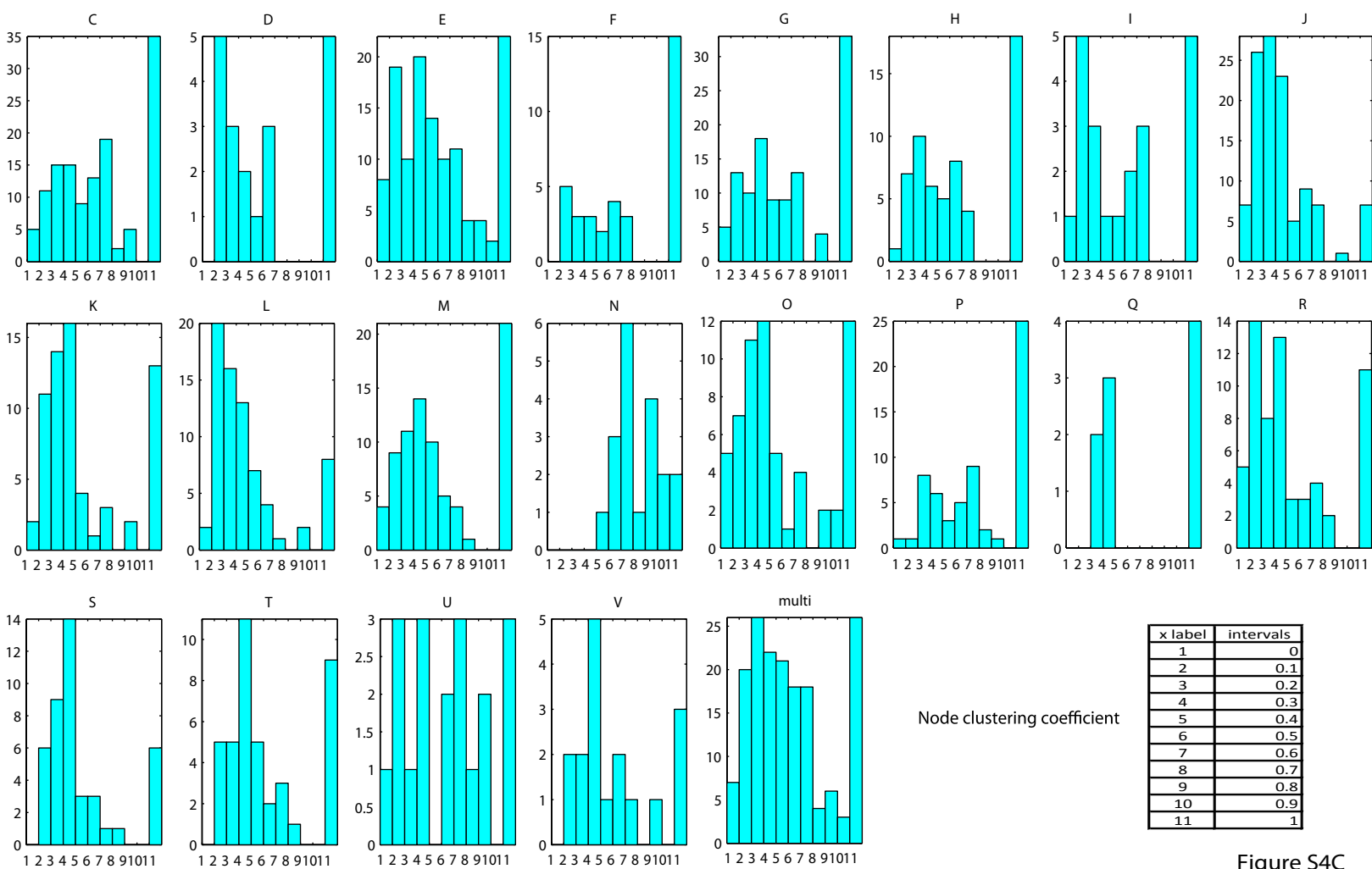


Figure S4C

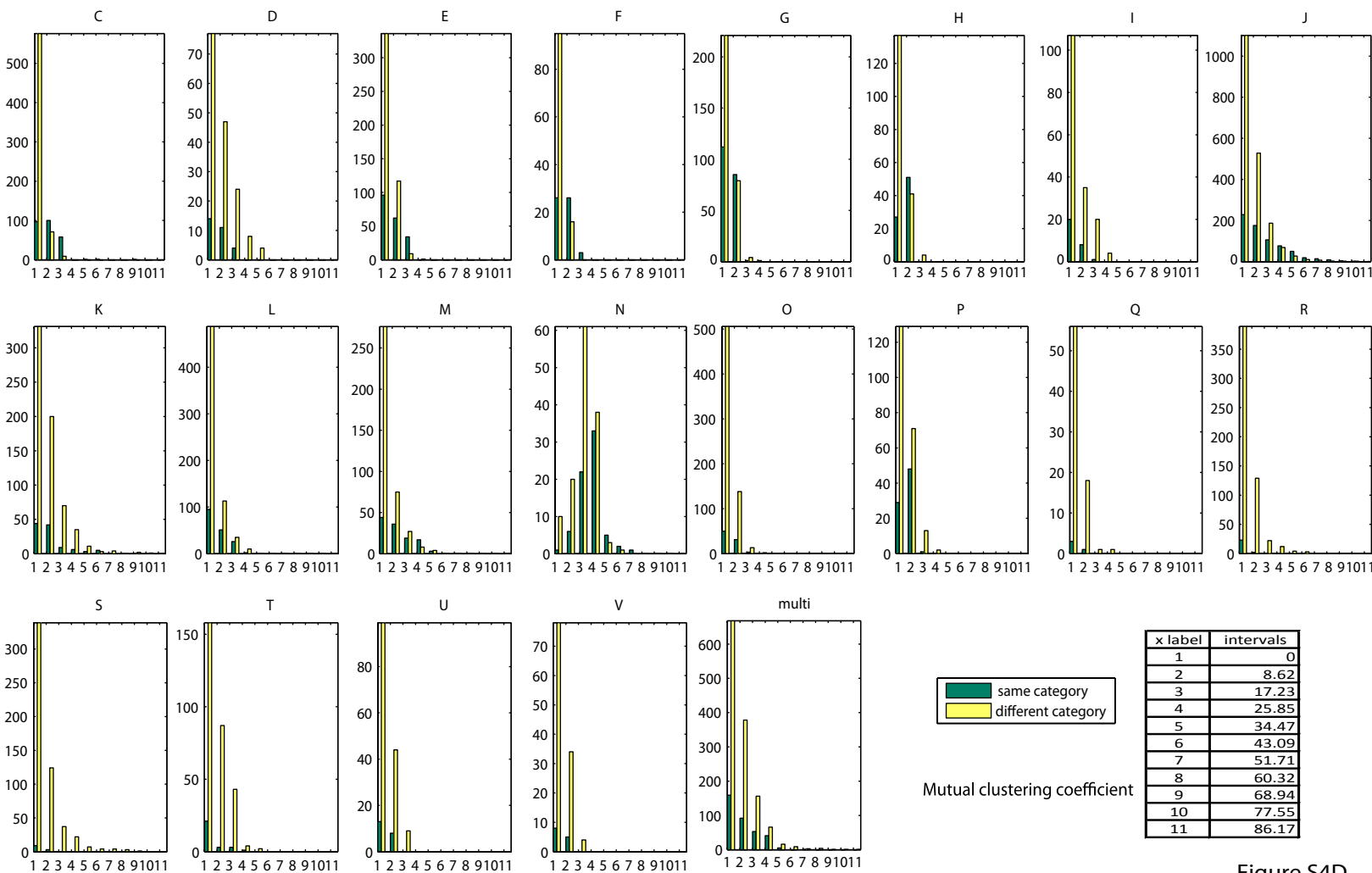


Figure S4D

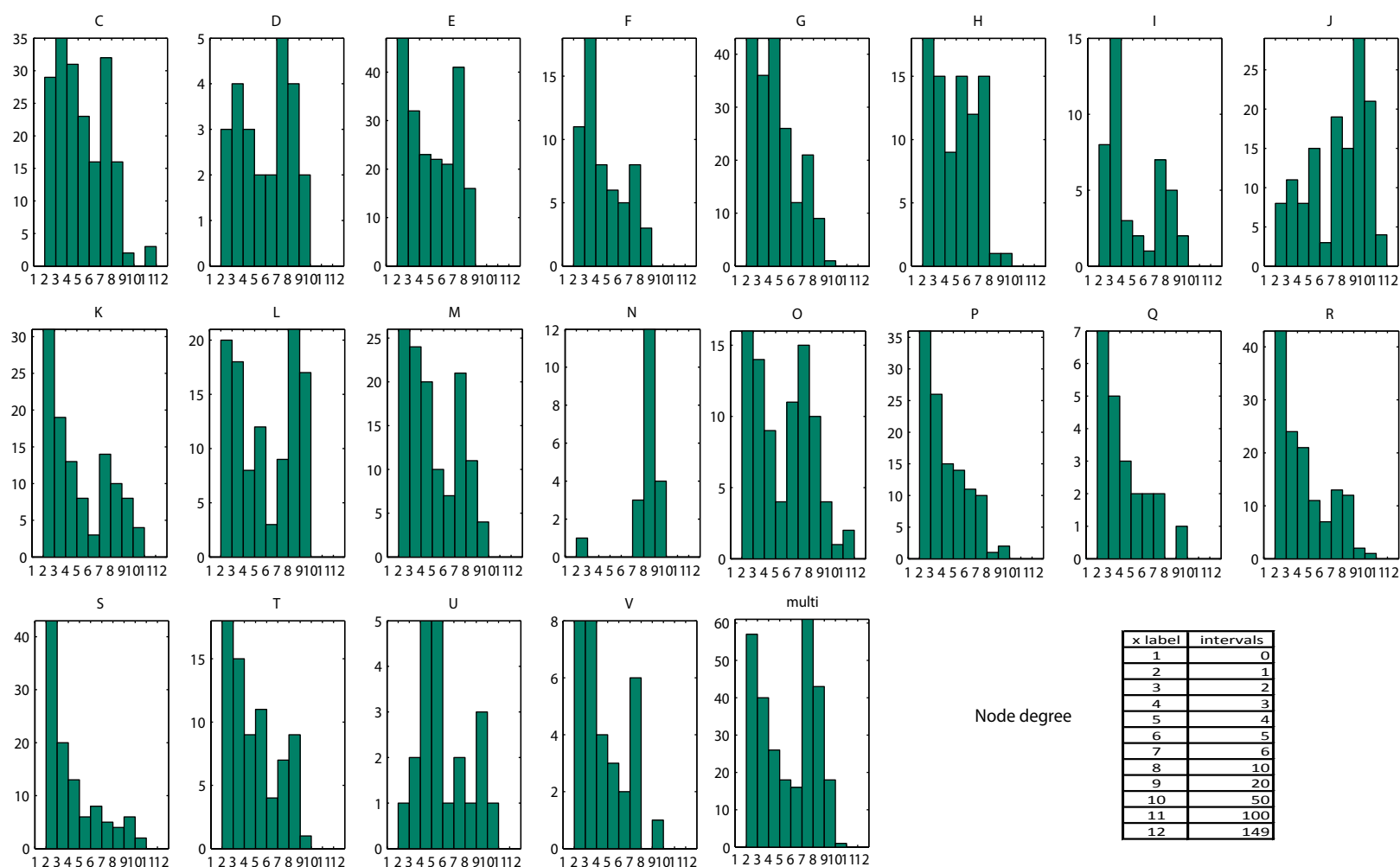


Figure S4E

COG Categories and Number of Proteins in Combined Network

COG	COG Description	Number of proteins
J	Translation, ribosomal structure and biogenesis	133
K	Transcription	110
L	Replication, recombination and repair	108
D	Cell cycle control, cell division, chromosome partitioning	25
V	Defense mechanisms	32
T	Signal transduction mechanisms	74
M	Cell wall/membrane/envelope biogenesis	123
N	Cell motility	20
U	Intracellular trafficking, secretion, and vesicular transport	21
O	Posttranslational modification, protein turnover, chaperones	86
C	Energy production and conversion	187
G	Carbohydrate transport and metabolism	191
E	Amino acid transport and metabolism	202
F	Nucleotide transport and metabolism	59
H	Coenzyme transport and metabolism	86
I	Lipid transport and metabolism	43
P	Inorganic ion transport and metabolism	115
Q	Secondary metabolites biosynthesis, transport and catabolism	22
R	General function prediction only	134
S	Function unknown	110