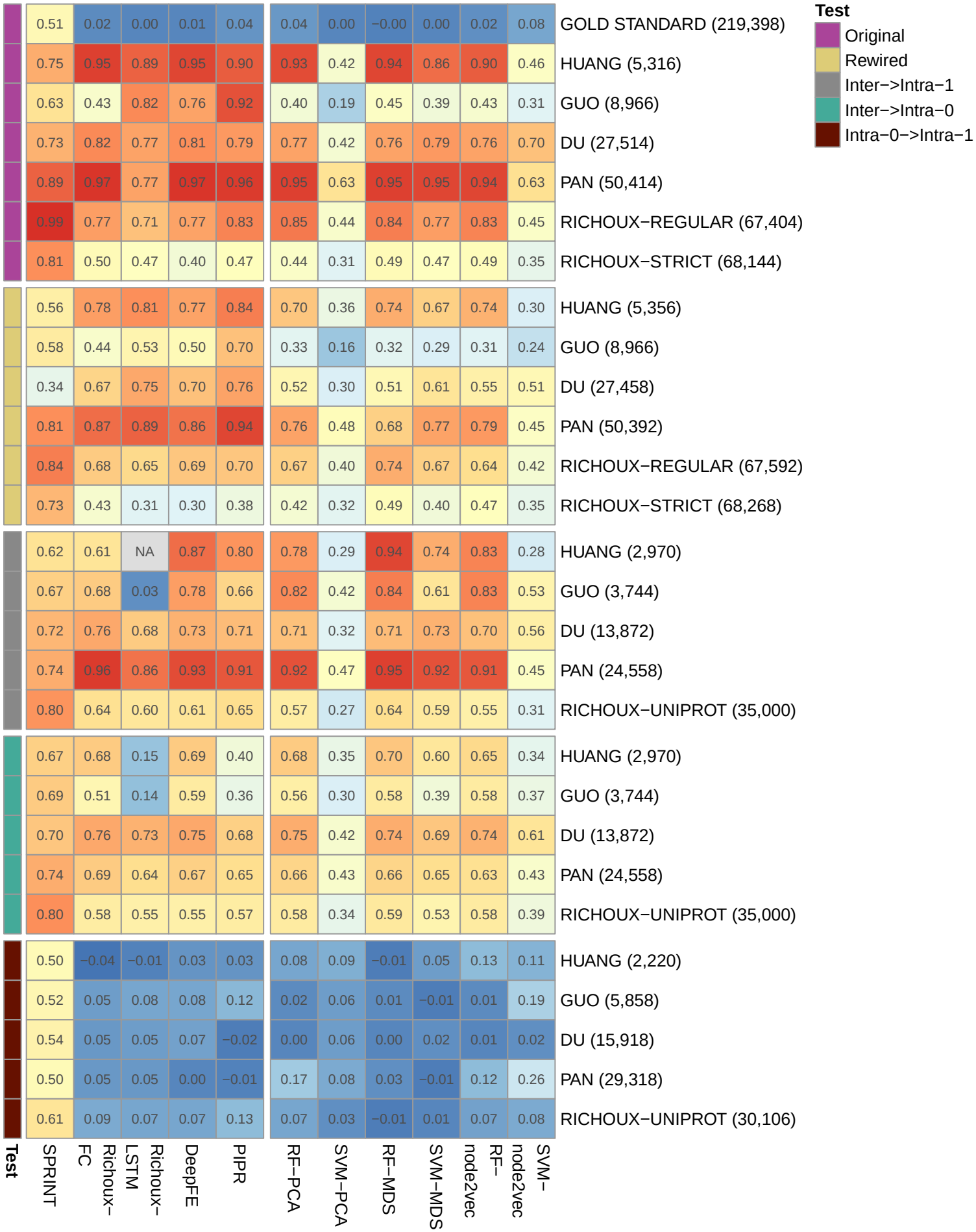
Test
Original
Rewired
Inter−>Intra−1
Inter−>Intra−0
Intra−0−>Intra−1
GOLD STANDARD (219,398) 0.51 0.02 0.00 0.01 0.04 0.04 0.00 −0.00 0.00 0.02 0.08
HUANG (5,316) 0.75 0.95 0.89 0.95 0.90 0.93 0.42 0.94 0.86 0.90 0.46
GUO (8,966) 0.63 0.43 0.82 0.76 0.92 0.40 0.19 0.45 0.39 0.43 0.31
DU (27,514) 0.73 0.82 0.77 0.81 0.79 0.77 0.42 0.76 0.79 0.76 0.70
PAN (50,414) 0.89 0.97 0.77 0.97 0.96 0.95 0.63 0.95 0.95 0.94 0.63
RICHOUX−REGULAR (67,404) 0.99 0.77 0.71 0.77 0.83 0.85 0.44 0.84 0.77 0.83 0.45
RICHOUX−STRICT (68,144) 0.81 0.50 0.47 0.40 0.47 0.44 0.31 0.49 0.47 0.49 0.35
HUANG (5,356) 0.56 0.78 0.81 0.77 0.84 0.70 0.36 0.74 0.67 0.74 0.30
GUO (8,966) 0.58 0.44 0.53 0.50 0.70 0.33 0.16 0.32 0.29 0.31 0.24
DU (27,458) 0.34 0.67 0.75 0.70 0.76 0.52 0.30 0.51 0.61 0.55 0.51
PAN (50,392) 0.81 0.87 0.89 0.86 0.94 0.76 0.48 0.68 0.77 0.79 0.45
RICHOUX−REGULAR (67,592) 0.84 0.68 0.65 0.69 0.70 0.67 0.40 0.74 0.67 0.64 0.42
RICHOUX−STRICT (68,268) 0.73 0.43 0.31 0.30 0.38 0.42 0.32 0.49 0.40 0.47 0.35
HUANG (2,970) 0.62 0.61 NA 0.87 0.80 0.78 0.29 0.94 0.74 0.83 0.28
GUO (3,744) 0.67 0.68 0.03 0.78 0.66 0.82 0.42 0.84 0.61 0.83 0.53
DU (13,872) 0.72 0.76 0.68 0.73 0.71 0.71 0.32 0.71 0.73 0.70 0.56
PAN (24,558) 0.74 0.96 0.86 0.93 0.91 0.92 0.47 0.95 0.92 0.91 0.45
RICHOUX−UNIPROT (35,000) 0.80 0.64 0.60 0.61 0.65 0.57 0.27 0.64 0.59 0.55 0.31
HUANG (2,970) 0.67 0.68 0.15 0.69 0.40 0.68 0.35 0.70 0.60 0.65 0.34
GUO (3,744) 0.69 0.51 0.14 0.59 0.36 0.56 0.30 0.58 0.39 0.58 0.37
DU (13,872) 0.70 0.76 0.73 0.75 0.68 0.75 0.42 0.74 0.69 0.74 0.61
PAN (24,558) 0.74 0.69 0.64 0.67 0.65 0.66 0.43 0.66 0.65 0.63 0.43
RICHOUX−UNIPROT (35,000) 0.80 0.58 0.55 0.55 0.57 0.58 0.34 0.59 0.53 0.58 0.39
HUANG (2,220) 0.50 −0.04 −0.01 0.03 0.03 0.08 0.09 −0.01 0.05 0.13 0.11
GUO (5,858) 0.52 0.05 0.08 0.08 0.12 0.02 0.06 0.01 −0.01 0.01 0.19
DU (15,918) 0.54 0.05 0.05 0.07 −0.02 0.00 0.06 0.00 0.02 0.01 0.02
PAN (29,318) 0.50 0.05 0.05 0.00 −0.01 0.17 0.08 0.03 −0.01 0.12 0.26
RICHOUX−UNIPROT (30,106) 0.61 0.09 0.07 0.07 0.13 0.07 0.03 −0.01 0.01 0.07 0.08
Test
SPRINT
Richoux−FC
Richoux−LSTM
DeepFE
PIPR
RF−PCA
SVM−PCA
RF−MDS
SVM−MDS
RF−node2vec
SVM−node2vec