

| Test | SPRINT | FC | Richoux-LSTM | Richoux-DeepFE | PIPR | RF-PCA | SVM-PCA | RF-MDS | SVM-MDS | node2vec | RF-node2vec | SVM-node2vec | Test | |
|------|--------|------|--------------|----------------|------|--------|---------|--------|---------|----------|-------------|--------------------------|------------------|----------------|
| | | | | | | | | | | | | | Original | Rewired |
| | | | | | | | | | | | | | Inter->Intra-1 | Inter->Intra-0 |
| | | | | | | | | | | | | | Intra-0->Intra-1 | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | 0.51 | 0.46 | 0.51 | 0.48 | 0.61 | 0.22 | 0.74 | 0.12 | 0.31 | 0.22 | 0.63 | GOLD STANDARD (219,398) | | |
| | 0.75 | 0.98 | 0.90 | 0.95 | 0.93 | 0.95 | 0.44 | 0.97 | 0.90 | 0.94 | 0.59 | HUANG (5,316) | | |
| | 0.63 | 0.90 | 0.88 | 0.85 | 0.95 | 0.72 | 0.48 | 0.72 | 0.71 | 0.72 | 0.63 | GUO (8,966) | | |
| | 0.73 | 0.92 | 0.87 | 0.91 | 0.88 | 0.87 | 0.52 | 0.87 | 0.89 | 0.87 | 0.83 | DU (27,514) | | |
| | 0.89 | 0.98 | 0.89 | 0.98 | 0.97 | 0.97 | 0.68 | 0.97 | 0.96 | 0.96 | 0.73 | PAN (50,414) | | |
| | 0.99 | 0.98 | 0.88 | 0.93 | 0.97 | 0.97 | 0.62 | 0.97 | 0.88 | 0.97 | 0.66 | RICHOUX-REGULAR (67,404) | | |
| | 0.81 | 0.59 | 0.59 | 0.52 | 0.53 | 0.51 | 0.50 | 0.55 | 0.55 | 0.58 | 0.53 | RICHOUX-STRICT (68,144) | | |
| | | | | | | | | | | | | | | |
| | 0.56 | 0.86 | 0.95 | 0.93 | 0.84 | 0.79 | 0.40 | 0.86 | 0.78 | 0.80 | 0.52 | HUANG (5,356) | | |
| | 0.58 | 0.66 | 0.65 | 0.72 | 0.87 | 0.63 | 0.47 | 0.60 | 0.61 | 0.59 | 0.58 | GUO (8,966) | | |
| | 0.34 | 0.82 | 0.82 | 0.84 | 0.84 | 0.81 | 0.48 | 0.82 | 0.82 | 0.83 | 0.75 | DU (27,458) | | |
| | 0.81 | 0.92 | 0.91 | 0.94 | 0.95 | 0.88 | 0.59 | 0.90 | 0.89 | 0.88 | 0.59 | PAN (50,392) | | |
| | 0.84 | 0.89 | 0.81 | 0.86 | 0.86 | 0.82 | 0.60 | 0.88 | 0.77 | 0.80 | 0.65 | RICHOUX-REGULAR (67,592) | | |
| | 0.73 | 0.50 | 0.45 | 0.45 | 0.34 | 0.52 | 0.51 | 0.53 | 0.50 | 0.54 | 0.50 | RICHOUX-STRICT (68,268) | | |
| | | | | | | | | | | | | | | |
| | 0.62 | 1.00 | 1.00 | 0.97 | 0.90 | 0.78 | 0.16 | 0.96 | 0.86 | 0.85 | 0.54 | HUANG (2,970) | | |
| | 0.67 | 0.72 | 1.00 | 0.90 | 0.79 | 0.84 | 0.43 | 0.87 | 0.73 | 0.86 | 0.68 | GUO (3,744) | | |
| | 0.72 | 0.85 | 0.76 | 0.78 | 0.82 | 0.82 | 0.38 | 0.83 | 0.83 | 0.82 | 0.70 | DU (13,872) | | |
| | 0.74 | 0.96 | 0.87 | 0.94 | 0.92 | 0.93 | 0.43 | 0.96 | 0.92 | 0.92 | 0.55 | PAN (24,558) | | |
| | 0.80 | 0.78 | 0.74 | 0.74 | 0.76 | 0.60 | 0.31 | 0.73 | 0.65 | 0.63 | 0.51 | RICHOUX-UNIPROT (35,000) | | |
| | | | | | | | | | | | | | | |
| | 0.67 | 0.96 | 0.10 | 0.96 | 0.90 | 0.96 | 0.68 | 0.95 | 0.85 | 0.92 | 0.67 | HUANG (2,970) | | |
| | 0.69 | 0.88 | 0.14 | 0.90 | 0.69 | 0.87 | 0.50 | 0.91 | 0.73 | 0.91 | 0.72 | GUO (3,744) | | |
| | 0.70 | 0.92 | 0.82 | 0.85 | 0.87 | 0.91 | 0.57 | 0.91 | 0.84 | 0.91 | 0.81 | DU (13,872) | | |
| | 0.74 | 0.98 | 0.95 | 0.97 | 0.95 | 0.97 | 0.80 | 0.96 | 0.94 | 0.95 | 0.84 | PAN (24,558) | | |
| | 0.80 | 0.80 | 0.72 | 0.80 | 0.71 | 0.73 | 0.66 | 0.68 | 0.60 | 0.76 | 0.74 | RICHOUX-UNIPROT (35,000) | | |
| | | | | | | | | | | | | | | |
| | 0.50 | 0.71 | 0.06 | 0.81 | 0.25 | 0.20 | 0.13 | 0.74 | 0.62 | 0.58 | 0.39 | HUANG (2,220) | | |
| | 0.52 | 0.75 | 0.72 | 0.88 | 0.58 | 0.34 | 0.22 | 0.67 | 0.49 | 0.30 | 0.30 | GUO (5,858) | | |
| | 0.54 | 0.91 | 0.67 | 0.57 | 0.59 | 0.93 | 0.28 | 1.00 | 0.81 | 0.93 | 0.45 | DU (15,918) | | |
| | 0.50 | 0.42 | 0.49 | 0.18 | 0.30 | 0.21 | 0.22 | 0.67 | 0.54 | 0.34 | 0.23 | PAN (29,318) | | |
| | 0.61 | 0.10 | 0.20 | 0.14 | 0.16 | 0.02 | 0.02 | 0.00 | 0.03 | 0.03 | 0.08 | RICHOUX-UNIPROT (30,106) | | |