

| Train on <i>INTER</i> , test on <i>INTRA</i> <sub>1</sub> |                |                |                 |                             | Train on <i>INTER</i> , test on <i>INTRA</i> <sub>0</sub> |                |                |                 |                             | Train on <i>INTRA</i> <sub>0</sub> , test on <i>INTRA</i> <sub>1</sub> |                |                |                 |                             |              |
|---|----------------|----------------|-----------------|-----------------------------|---|----------------|----------------|-----------------|-----------------------------|--|----------------|----------------|-----------------|-----------------------------|--------------|
| 0.60  | 0.62           | 0.69           | 0.71            | 0.75                        | 0.66  | 0.68           | 0.69           | 0.73            | 0.78                        | 0.49   | 0.48           | 0.52           | 0.45            | 0.58                        | SPRINT       |
| 0.78  | 0.83           | 0.88           | 0.98            | 0.82                        | 0.83  | 0.75           | 0.88           | 0.82            | 0.79                        | 0.48   | 0.52           | 0.51           | 0.52            | 0.52                        | Richoux-FC   |
| 0.50  | 0.50           | 0.84           | 0.93            | 0.80                        | 0.55  | 0.54           | 0.86           | 0.80            | 0.77                        | 0.50   | 0.54           | 0.53           | 0.52            | 0.53                        | Richoux-LSTM |
| 0.93  | 0.89           | 0.86           | 0.97            | 0.80                        | 0.83  | 0.79           | 0.88           | 0.82            | 0.78                        | 0.51   | 0.53           | 0.53           | 0.50            | 0.52                        | DeepFE       |
| 0.90  | 0.83           | 0.86           | 0.95            | 0.82                        | 0.68  | 0.68           | 0.84           | 0.81            | 0.78                        | 0.51   | 0.56           | 0.49           | 0.50            | 0.54                        | PIPR         |
| 0.88  | 0.91           | 0.85           | 0.96            | 0.77                        | 0.83  | 0.77           | 0.87           | 0.82            | 0.79                        | 0.53   | 0.51           | 0.50           | 0.56            | 0.51                        | RF-PCA       |
| 0.58  | 0.68           | 0.64           | 0.70            | 0.61                        | 0.68  | 0.64           | 0.70           | 0.71            | 0.67                        | 0.53   | 0.52           | 0.52           | 0.53            | 0.50                        | SVM-PCA      |
| 0.97  | 0.92           | 0.85           | 0.98            | 0.81                        | 0.84  | 0.78           | 0.87           | 0.82            | 0.79                        | 0.50   | 0.51           | 0.50           | 0.51            | 0.50                        | RF-MDS       |
| 0.87  | 0.80           | 0.86           | 0.96            | 0.78                        | 0.80  | 0.70           | 0.84           | 0.81            | 0.75                        | 0.53   | 0.49           | 0.51           | 0.49            | 0.50                        | SVM-MDS      |
| 0.91  | 0.91           | 0.85           | 0.95            | 0.77                        | 0.82  | 0.78           | 0.87           | 0.80            | 0.79                        | 0.56   | 0.51           | 0.50           | 0.56            | 0.51                        | RF-node2vec  |
| 0.64  | 0.76           | 0.78           | 0.71            | 0.65                        | 0.67  | 0.68           | 0.81           | 0.71            | 0.69                        | 0.55   | 0.58           | 0.51           | 0.59            | 0.52                        | SVM-node2vec |
| HUANG<br>(2,970)  | GUO<br>(3,744) | DU<br>(13,872) | PAN<br>(24,558) | RICHOUX-UNIPROT<br>(35,000) | HUANG<br>(2,970)  | GUO<br>(3,744) | DU<br>(13,872) | PAN<br>(24,558) | RICHOUX-UNIPROT<br>(35,000) | HUANG<br>(2,220)   | GUO<br>(5,858) | DU<br>(15,918) | PAN<br>(29,318) | RICHOUX-UNIPROT<br>(30,106) |              |