**S2 Table**

**Performance of the** **two inference models constructed without prior knowledge.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Training data | | |  | Test data | | |
| Model Index |  | F-measure (*Vr*) | Accuracy (*Vi*) (%) | Metric (*V*) |  | F-measure (*Vr*) | Accuracy (*Vi*) (%) | Metric (*V*) |
| 1 |  | 0.286 | 73.4 | 0.510 |  | 0.214 | 62.0 | 0.417 |
| 2 |  | 0.0376 | 72.2 | 0.380 |  | 0.0179 | 49.0 | 0.254 |
|  |  |  |  |  |  |  |  |  |