Supplementary Material

Supplementary Table 1: Detailed results of decision tree (DT), balanced random forest (BRF) and random under sampling boost classifier (RUS) for the classification problem contact vs index persons for the training (10-Fold-Cross Validation) and validation (6-day Benchmark) dataset.

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| Result and Benchmark Table | 10-Fold-Cross Validation | 6-day Benchmark |
| Sensitivity | Specificity | Sensitivity | Specificity |
| Contact vs Index | DT | 0.92 | 0.45 | 0.91 | 0.45 |
| BRF | 0.94 | 0.41 | 0.94 | 0.37 |
| RUS | 0.94 | 0.45 | 0.91 | 0.44 |