

Figure S1 ROC curve of the current *C.imicola* distribution model.

Table S1 Variable contributions in MaxEnt model of current *C.imicola* distribution

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| Variable | Percent contribution (%) | Permutation importance (%) |
| bio\_4 | Temperature seasonality | 30.3 | 46.4 |
| bio\_19 | Precipitation of coldest quarter | 29.5 | 10 |
| bio\_8 | Mean temperature of wettest quarter | 16.5 | 7.4 |
| bio\_14 | Precipitation of driest month | 9.5 | 6.6 |
| bio\_9 | Mean temperature of driest quarter | 6 | 15.8 |
| bio\_13 | Precipitation of wettest month | 5.7 | 8 |
| bio\_18 | Precipitation of warmest quarter | 1.4 | 1 |
| bio\_15 | Precipitation seasonality | 0.7 | 2.7 |
| bio\_2 | Mean diurnal range | 0.5 | 2.2 |