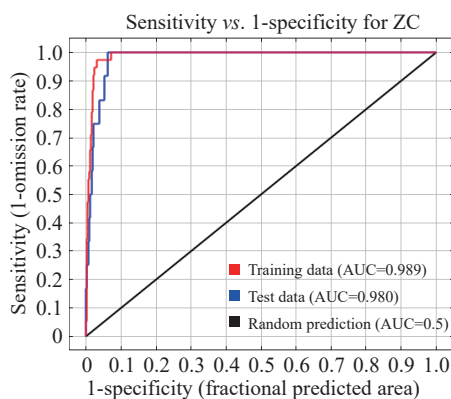


SUPPLEMENTARY TABLE S1. Climatic variables used for predicting the potential distribution of Chagas disease vector *Triatoma rubrofasciata* in China based on MaxEnt.

| Code | Variable | Source |
|-------|---|---|
| Bio1 | Annual mean temperature | http://www.worldclim.org/ |
| Bio2 | Mean diurnal range | http://www.worldclim.org/ |
| Bio3 | Isothermality | http://www.worldclim.org/ |
| Bio4 | Temperature seasonality | http://www.worldclim.org/ |
| Bio5 | Max temperature of the warmest month | http://www.worldclim.org/ |
| Bio6 | Min temperature of the coldest month | http://www.worldclim.org/ |
| Bio7 | Temperature annual range | http://www.worldclim.org/ |
| Bio8 | Mean temperature of the wettest quarter | http://www.worldclim.org/ |
| Bio9 | Mean temperature of the driest quarter | http://www.worldclim.org/ |
| Bio10 | Mean temperature of the warmest quarter | http://www.worldclim.org/ |
| Bio11 | Mean temperature of the coldest quarter | http://www.worldclim.org/ |
| Bio12 | Annual precipitation | http://www.worldclim.org/ |
| Bio13 | Precipitation of the wettest month | http://www.worldclim.org/ |
| Bio14 | Precipitation of the driest month | http://www.worldclim.org/ |
| Bio15 | Precipitation seasonality | http://www.worldclim.org/ |
| Bio16 | Precipitation of the wettest quarter | http://www.worldclim.org/ |
| Bio17 | Precipitation of the driest quarter | http://www.worldclim.org/ |
| Bio18 | Precipitation of the warmest quarter | http://www.worldclim.org/ |
| Bio19 | Precipitation of the coldest quarter | http://www.worldclim.org/ |



SUPPLEMENTARY FIGURE S1. Receiver operating characteristic curve [abbreviated as area under curve (AUC)] was used to evaluate model performance by MaxEnt model.