

Supplementary

Table S1 List of bioclimatic characteristics.

| Bioclimatic characteristics | Abbreviation |
|--|--------------|
| Annual Mean Temperature | bio1 |
| Mean Diurnal Range (Mean of monthly (max temp - min temp)) | bio2 |
| Isothermality (bio2/bio7) (* 100) | bio3 |
| Temperature Seasonality (standard deviation *100) | bio4 |
| Max Temperature of Warmest Month | bio5 |
| Min Temperature of Coldest Month | bio6 |
| Temperature Annual Range (bio5-bio6) | bio7 |
| Mean Temperature of Wettest Quarter | bio8 |
| Mean Temperature of Driest Quarter | bio9 |
| Mean Temperature of Warmest Quarter | bio10 |
| Mean Temperature of Coldest Quarter | bio11 |
| Annual Precipitation | bio12 |
| Precipitation of Wettest Month | bio13 |
| Precipitation of Driest Month | bio14 |
| Precipitation Seasonality (Coefficient of Variation) | bio15 |
| Precipitation of Wettest Quarter | bio16 |
| Precipitation of Driest Quarter | bio17 |
| Precipitation of Warmest Quarter | bio18 |
| Precipitation of Coldest Quarter | bio19 |

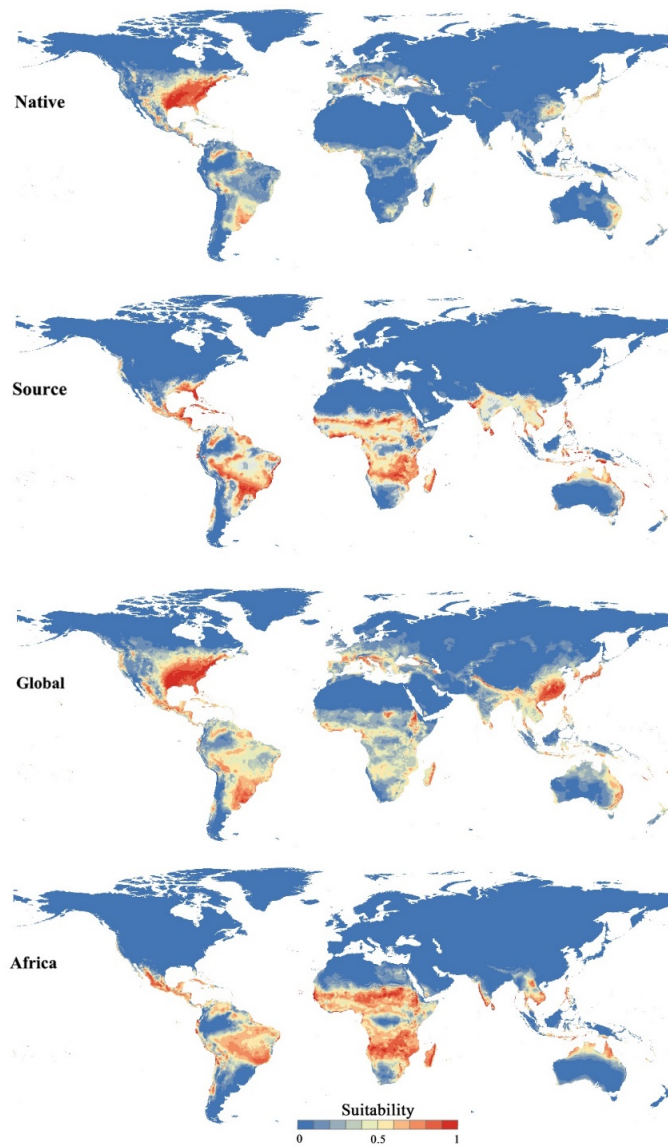


Figure S1. World projections of ecological niche models based on data from the [native](#), [source](#), [global](#) and Africa ranges of *Spodoptera frugiperda*.

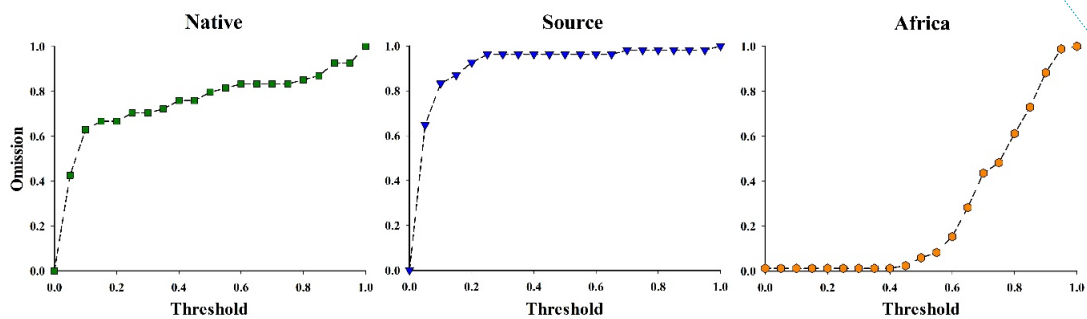


Figure S2. Omission rates of [native](#), [source](#) and Africa ranges niche models.

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