Table S3. The correlation matrix of 14 final variables for predicting the current distribution ranges of the two subspecies of Black-tailed Godwit.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| shrubs | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ndvi | 0.03 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
| hfp | -0.27 | 0.39 | 1 |  |  |  |  |  |  |  |  |  |  |  |
| Herbaceous | -0.11 | -0.11 | 0.11 | 1 |  |  |  |  |  |  |  |  |  |  |
| ele | 0.43 | -0.35 | -0.58 | -0.15 | 1 |  |  |  |  |  |  |  |  |  |
| bio17 | 0.17 | -0.17 | -0.25 | -0.02 | 0.31 | 1 |  |  |  |  |  |  |  |  |
| bio15 | 0.37 | -0.36 | -0.55 | -0.06 | 0.73 | -0.23 | 1 |  |  |  |  |  |  |  |
| bio12 | 0.34 | -0.45 | -0.58 | -0.1 | 0.75 | 0.63 | 0.53 | 1 |  |  |  |  |  |  |
| bio11 | -0.2 | -0.12 | 0.15 | -0.06 | 0.18 | 0.49 | -0.29 | 0.34 | 1 |  |  |  |  |  |
| bio9 | 0.11 | 0.52 | 0.54 | -0.01 | -0.42 | -0.01 | -0.5 | -0.41 | 0.26 | 1 |  |  |  |  |
| bio8 | -0.67 | -0.21 | 0.36 | 0.16 | -0.59 | -0.19 | -0.45 | -0.39 | 0.24 | -0.15 | 1 |  |  |  |
| bio4 | -0.15 | 0.24 | 0.28 | 0.15 | -0.76 | -0.52 | -0.29 | -0.76 | -0.75 | 0.07 | 0.28 | 1 |  |  |
| bio2 | 0.19 | 0.01 | -0.01 | -0.07 | 0.46 | -0.26 | 0.52 | 0.19 | -0.27 | -0.2 | -0.37 | -0.16 | 1 |  |
| bio1 | -0.55 | -0.02 | 0.5 | 0.07 | -0.46 | 0.14 | -0.65 | -0.22 | 0.74 | 0.31 | 0.77 | -0.14 | -0.45 | 1 |
|  | shrubs | ndvi | hfp | Herbaceous | ele | bio17 | bio15 | bio12 | bio11 | bio9 | bio8 | bio4 | bio2 | bio1 |