

Table S3: Primary environmental and topographical variables used for ensemble modelling.

| Sl. No. | Code | Variables description |
|----------------------|-----------------------|---|
| Bioclimatic | | |
| 1. | bio_1 | Annual Mean Temperature |
| 2. | bio_2 | Mean Diurnal Range (Mean of monthly (max temp - min temp)) |
| 3. | bio_3 | Isothermality (BIO2/BIO7) (* 100) |
| 4. | bio_4 | Temperature Seasonality (standard deviation *100) |
| 5. | bio_5 | Max Temperature of Warmest Month |
| 6. | bio_6 | Min Temperature of Coldest Month |
| 7. | bio_7 | Temperature Annual Range (BIO5-BIO6) |
| 8. | bio_8 | Mean Temperature of Wettest Quarter |
| 9. | bio_9 | Mean Temperature of Driest Quarter |
| 10. | bio_10 | Mean Temperature of Warmest Quarter |
| 11. | bio_11 | Mean Temperature of Coldest Quarter |
| 12. | bio_12 | Annual Precipitation |
| 13. | bio_13 | Precipitation of Wettest Month |
| 14. | bio_14 | Precipitation of Driest Month |
| 15. | bio_15 | Precipitation Seasonality (Coefficient of Variation) |
| 16. | bio_16 | Precipitation of Wettest Quarter |
| 17. | bio_17 | Precipitation of Driest Quarter |
| 18. | bio_18 | Precipitation of Warmest Quarter |
| 19. | bio_19 | Precipitation of Coldest Quarter |
| Topographic | | |
| 20. | elevation_2 | Elevation |
| 21. | slope | Slope |
| Anthropogenic | | |
| 22. | hii | Human Influence Index |
| Habitat | | |
| 23. | distance_water | Euclidian distance from major water body |
| 24. | water | Occurrence Intensity |
| 25. | LULC (Categorical) | <ul style="list-style-type: none"> • Herbaceous Vegetation • Permanent Water Bodies • Herbaceous Wetland • Cropland • Bare/Sparse vegetation • Shrubland • Moss and Lichens • Forest • Buildup areas |