Table S1. Accuracy and estimated surface covered of the Random Forest (RF) model prediction for each one of the five vegetation types considered in this study for the three different temporal frames, Last Glacial Maximum (LGM), Mid Holocene and Current

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Class** | **LGM** | | **mid Holocene** | | **Current** | | **INE INEGI (1997)** |
| **Area (km)** | **Accuracy (%)** | **Area (km)** | **Accuracy (%)** | **Area (km)** | **Accuracy (%)** | **Area (km)** |
| **Temperate forests** | 34172.003 | 59 | 39403.733 | 58 | 38279.168 | 57 | 61085.809 |
| **Cold temperate forests** | 24560.965 | 74 | 23152.255 | 73 | 24383.310 | 73 | 44189.951 |
| **Grasslands** | 38765.428 | 73 | 29008.833 | 75 | 31279.665 | 73 | 12712.325 |
| **Tropical forests** | 14787.873 | 94 | 20126.483 | 94 | 16158.300 | 95 | 6689.697 |
| **Dry zones** | 21691.513 | 86 | 22286.478 | 88 | 23877.338 | 84 | 9299.998 |