**Table S2 The raw transfer matrix data from IDRISI 17.0**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| LULC | Cropland | Forestland | Grassland | Water body | Built-up land | Unutilized land |
| Cropland | 0.87 | 0.02 | 0.06 | 0 | 0.02 | 0.01 |
| Forestland | 0.05 | 0.85 | 0.07 | 0.01 | 0 | 0.01 |
| Grassland | 0.15 | 0 | 0.8 | 0 | 0 | 0 |
| Water body | 0 | 0 | 0.01 | 0.73 | 0 | 0.2 |
| Built-up land | 0.02 | 0.02 | 0.02 | 0.02 | 0.9 | 0.02 |
| Unutilized land | 0.01 | 0 | 0.1 | 0 | 0 | 0.85 |