

**Supplementary Table S2** The threshold of ecosystem services in eco-geographic regions of SRB

| Year        | Region | Ecosystem services threshold | Region | Ecosystem services threshold |
|-------------|--------|------------------------------|--------|------------------------------|
| 2020        | IA1    | 1.642086                     | IIB2   | 1.681674                     |
|             | IIA1   | 1.876824                     | IIB3   | 1.54709                      |
|             | IIA2   | 2.012063                     | IIC1   | 1.313071                     |
|             | IIA3   | 1.629514                     | IIC2   | 1.311641                     |
|             | IIB1   | 1.387772                     | IIC3   | 1.379371                     |
|             | IA1    | 1.881280                     | IIB2   | 1.979918                     |
| SSP119-2030 | IIA1   | 2.031823                     | IIB3   | 1.838939                     |
|             | IIA2   | 2.302613                     | IIC1   | 1.575745                     |
|             | IIA3   | 1.648704                     | IIC2   | 1.601240                     |
|             | IIB1   | 1.679753                     | IIC3   | 1.710642                     |
|             | IA1    | 1.879013                     | IIB2   | 1.934717                     |
|             | IIA1   | 1.998823                     | IIB3   | 1.808273                     |
| SSP245-2030 | IIA2   | 2.222346                     | IIC1   | 1.474785                     |
|             | IIA3   | 1.639127                     | IIC2   | 1.548729                     |
|             | IIB1   | 1.609633                     | IIC3   | 1.618501                     |
|             | IA1    | 1.879257                     | IIB2   | 1.933649                     |
|             | IIA1   | 1.981190                     | IIB3   | 1.811397                     |
|             | IIA2   | 2.219297                     | IIC1   | 1.483482                     |
| SSP545-2030 | IIA3   | 1.639127                     | IIC2   | 1.572240                     |
|             | IIB1   | 1.603146                     | IIC3   | 1.618501                     |