**S7 Table.**The potential ecological risk factor for each topsoil heavy metal in the study area

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Element | Number of samples | Mean | Range | Environmental risk |
|  | Ti | 42 | 1.26 | 0.56-1.57 | low ecological risk |
| Cu | 42 | 7.47 | 3.65-14.4 |
| Pb | 42 | 8.84 | 3.41-22 |
| Zn | 42 | 1.10 | 0.57-2.22 |
| Co | 42 | 5.08 | 2.13-8.98 |
| Ni | 42 | 6.00 | 2.95-8.55 |
| Cr | 42 | 2.73 | 1.66-4.03 |
| As | 42 | 21.14 | 9.09-34.42 |
| RI | | | 53.61 | 31.28-88.26 | low ecological risk |