Table S2. Effect of TiO2 nanoparticles on earthworm characteristics (*Eisenia fetida* (Savigny[, 1](https://en.wikipedia.org/wiki/Marie_Jules_César_Savigny)826)).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | | |
|  | | Earthworms amended soil | | | |
| Nanoparticles |  | | | | |
| (mg kg-1 dry soil) | | Adult | Juvenile | Cocoons | Shells |
|  | | | | | |
| 0 | | 8.0 a (1.0) b | 1.3 (1.5) | 0.3 (0.6) | 1.3 (0.6) |
| 150 | | 5.3 (4.7) | 0.3 (0.6) | 0.0 (0.0) | 1.0 (1.0) |
| 300 | | 5.7 (2.1) | 0.7 (0.6) | 0.7 (0.6) | 0.3 (0.6) |
| *p* value | | 0.340 c | 0.611 | ND | 0.261 |
|  | | | | | |
|  | | Earthworms plus oats amended soil | | | |
|  | | | | | |
| 0 | | 9.7 (0.6) | 35.7 (18.5) | 8.0 (7.0) | 7.0 (5.3) |
| 150 | | 9.7 (0.6) | 62.0 (16.7) | 13.0 (1.0) | 7.3 (1.5) |
| 300 | | 10.3 (0.6) | 54.0 (17.5) | 12.3 (5.1) | 4.0 (2.6) |
| *p* value | | 0.405 | 0.331 | 0.598 | 0.340 |
|  | | | | | |
| a Mean from three substrate samples (*n* = 3), b value between brackets is standard deviation of the mean (*n* = 3), c Non parametric analysis (t1way analysis, WRS2 Package in R, Mair and Wilcox, 2017). | | | | | |
|  | | | | | |