Supplementary Table S2:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Country** | **Site** | **n** | **Slopes of CR\*TR** | **SE** | **t** | **p** | **Slopes of CR\*Substr** | **SE** | **t** | **p** |
| Brazil | A | 48 | 1.34 | 0.85 | 1.59 | 0.12 | -0.74 | 2.56 | -0.29 | 0.77 |
| Brazil | B | 48 | 0.17 | 0.18 | 0.97 | 0.34 | -0.33 | 0.26 | -1.3 | 0.2 |
| Chile  | CMP | 32 | 0.05 | 0.32 | 0.15 | 0.88 | -0.1 | 0.04 | -2.71 | 0.01 |
| Chile  | UCN | 32 | 0.25 | 0.4 | 0.63 | 0.53 | 0.02 | 0.04 | 0.63 | 0.53 |
| England | Hartlepool | 48 | -0.94 | 0.23 | -4.07 | 0 | 0.04 | 0.02 | 2.72 | 0.01 |
| England | Sunderland | 48 | 0.26 | 0.35 | 0.74 | 0.46 | -0.02 | 0.03 | -0.67 | 0.51 |
| Finland | A | 30 | -1.16 | 0.4 | -2.9 | 0.01 |   |   |   |   |
| Finland | B | 30 | 0.34 | 0.61 | 0.57 | 0.58 |   |   |   |   |
| Japan | GR | 48 | -0.46 | 0.1 | -4.67 | 0 | -0.1 | 0.03 | -3.12 | 0 |
| Japan | IP | 48 | -0.69 | 0.11 | -6.11 | 0 | 0.04 | 0.01 | 4.82 | 0 |
| Malaysia | Bidong | 14 | -1,73 | 1.21 | -1.43 | 0.18 | -0.03 | 0.05 | -0.63 | 0.54 |
| Malaysia | Merang | 13 | -0.36 | 0.88 | -0.41 | 0.69 | 0.07 | 0.05 | 1.32 | 0.21 |
| NZ | Mesocosms | 33 | -2.36 | 0.42 | -5.57 | 0 | 0.24 | 0.15 | 1.67 | 0.1 |
| NZ | Port | 33 | 3.06 | 1.05 | 2.91 | 0.01 | 0.74 | 0.05 | 13.6 | 0 |
| Tasmania | A | 20 | -0.21 | 0.16 | -1.28 | 0.22 | 0.02 | 0.04 | 0.44 | 0.67 |
| Tasmania | B | 20 | -1.07 | 0.27 | -3.95 | 0 | 0.33 | 0.08 | 4.26 | 0 |