|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table S2**. Linear models testing the effects of forest (remnant forest vs. koa plantation) and sample types (soil, Rubus spp. leaves, *Acacia koa* leaves) on response variables. | | | | | |
| *Variable* | *Effect* | *SS* | *df* | *F* | *p-value* | |
| *Rubus* spp. δ15N | *A. koa* δ15N | 6.829 | 1 | 12.169 | **0.001** | |
|  | Forest type | 1.228 | 1 | 2.189 | 0.148 | |
|  | *A. koa* δ15N × Forest | 0.652 | 1 | 1.162 | 0.288 | |
|  | Residual | 21.978 | 38 |  |  | |
|  |  |  |  |  |  | |
| δ15N | Sample type | 670.48 | 2 | 336.862 | **<0.001** | |
|  | Forest type | 14.07 | 1 | 14.138 | **<0.001** | |
|  | Sample × Forest | 3.64 | 2 | 1.828 | 0.164 | |
|  | Residuals | 159.23 | 160 |  |  | |
|  |  |  |  |  |  | |
| δ13C | Sample type | 1075.09 | 2 | 635.030 | **<0.001** | |
|  | Forest type | 56.56 | 1 | 66.823 | **<0.001** | |
|  | Sample × Forest | 2.24 | 2 | 1.322 | 0.269 | |
|  | Residuals | 135.44 | 160 |  |  | |
|  |  |  |  |  |  | |
| Total nitrogen (mmol/gdw) | Sample type | 17.544 | 2 | 139.520 | **<0.001** | |
| Forest type | 0.165 | 1 | 2.621 | 0.107 | |
|  | Sample × Forest | 0.188 | 2 | 1.492 | 0.228 | |
|  | Residuals | 10.060 | 160 |  |  | |
|  |  |  |  |  |  | |
| Total carbon (mmol/gdw) | Sample type | 16428.6 | 2 | 763.903 | **<0.001** | |
| Forest type | 98.6 | 1 | 9.166 | **0.003** | |
|  | Sample × Forest | 17.2 | 2 | 0.801 | 0.451 | |
|  | Residuals | 1720.5 | 160 |  |  | |
|  |  |  |  |  |  | |
| C:N | Sample type | 929.10 | 2 | 107.344 | **<0.001** | |
|  | Forest type | 1.06 | 1 | 0.245 | 0.621 | |
|  | Sample × Forest | 8.84 | 2 | 1.022 | 0.362 | |
|  | Residuals | 692.43 | 160 |  |  | |
| *SS* = sum of squares; *df* = degrees of freedom; *MS* = mean sum of squares. Significant effects (p<0.05) are in bold. | | | | | |