|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S3**. Model parameters used to perform automatic kriging and generation of variograms for spatial interpolation in the koa plantation (KP) and remnant forest (RK). | | | | | | | | | |
| *isoscape* | *metric* | | *site* | *model* | *nugget* | *sill* | *range (m)* | *sserr* | *kappa* |
| soil + foliar | | δ15N | KP | spherical | 0.00 | 5.83 | 2.19 | 58.20 | – |
| soil + foliar | | δ15N | RK | spherical | 0.00 | 4.57 | 2.00 | 190.97 | – |
| soil + foliar | | δ13C | KP | spherical | 0.00 | 5.80 | 2.20 | 129.00 | – |
| soil + foliar | | δ13C | RK | spherical | 0.00 | 9.26 | 3.00 | 1042.44 | – |
| soil | | δ15N | KP | Matern | 0.00 | 1.44 | 3.43 | 0.01 | 10.00 |
| soil | | δ15N | RK | exponential | 0.00 | 1.00 | 3.00 | 0.14 | – |
| soil | | δ13C | KP | Matern | 0.24 | 1.17 | 5.09 | 0.35 | 10.00 |
| soil | | δ13C | RK | exponential | 0.00 | 0.8 | 3.00 | 0.12 | – |
| foliar | | δ15N | KP | exponential | 0.20 | 0.60 | 3.00 | 0.12 | – |
| foliar | | δ15N | RK | exponential | 0.01 | 0.83 | 5.00 | 0.17 | – |
| *isoscape* = input sample type used in the spatial interpolation; *metric* = input data type used in isoscapes; *model* = best fit model iteratively selected using R package automap ([Hiemstra](http://paperpile.com/b/bkvWwH/6aPFm) et al. 2009); *nugget* = minimum semivariance; *sill* = maximum semivariance; *range* = maximum distance, in meters for the current study; *sserr* = sum of squares between sample and fitted variogram; *kappa* = smoothing parameter in Matern (Ste) model. | | | | | | | | | |