**Effects of different sampling scales and selection criteria on modelling net primary productivity of Indonesian tropical forests**

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**APPENDIX 1**



**Figure S1** Normalized variable importance as ranked by *randomForest* for the five different spatial sampling resolutions. Those variables that ranked higher received a greater number of votes when creating the forest of binary trees. The shortened variable names on the x axis are explained in Table 2.



**Figure S2** Normalized increase in the mean squared error of a variable when used in the creation of a binary tree for the five different spatial sampling resolutions. Those variables that ranked higher explained a greater amount of the variance when used in the *randomForest* binary trees. The shortened variable names on the x axis are explained in Table 2.