

Interactive comment on “Contrasting patterns of litterfall seasonality and seasonal changes in litter decomposability in a tropical rainforest region” by S. A. Parsons et al.

S. A. Parsons et al.

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Response to open discussion comments on Biogeosciences Discuss., 11, 7901, 2014. Anonymous Referee #1 Received and published: 4 June 2014 This paper compared the seasonal patterns of litterfall and leaf decomposability and quantified the drivers of seasonality in litterfall and leaf decomposability in a tropical rainforest region. Overall, this is an interesting and well-written paper. I think it is appropriate for Biogeosciences. The authors have improved the manuscript a lot from the previous version. I am glad to find that, however, I still have one concern: the authors revised “repeated measures ANOVA” to “2-way repeated measures ANOVA” to determine the seasonal difference

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for leaf decomposability. However, to my knowledge, I would like to just use “2-way ANOVA” because both season and plots are your factors.

SP: This was our error. The statistical test run was indeed a 2-way ANOVA, not repeated measures. I am not sure why “repeated measures” was written in the first place. This has been changed throughout.

Other issues the authors should pay attention: Page 2, line 12; Page 7, lines 14 and 17. I would suggest deleting "Plots"; SP: Done for the next revision

Page 3, line 6. I did not find the abbreviation "C" before; SP: Does the abbreviation of C (ie. Carbon) really need to be defined? It is such a common term/element and should be self-explanatory. We can change this if required, but seems unnecessary.

Page 6, line 3. Please check "Wieder, and Lang, 1982" SP: Comma removed

Page 11, line14. Please keep "P = 0.010" consistent through entire paper; SP: Changed to “P” throughout in the revision Interactive comment on Biogeosciences Discuss., 11, 7901, 2014.

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