

***Interactive comment on “How many measurements are needed to estimate accurate daily and annual soil respiration fluxes? Analysis using data from a temperate rainforest” by Jorge F. Perez-Quezada et al.***

**Jorge F. Perez-Quezada et al.**

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Response to short comment by Simon Lindemann: The diurnal cycle pattern in our study site shows higher soil respiration values during daytime (18.2% higher compared to nighttime values). We do not explicitly mention this very typical pattern, but the Bias of the flux estimations being always positive for the only-daytime sampling suggests this idea. The annual cycle behavior of soil respiration is presented in Figure 4-A. The effect of diurnal and annual variability of environmental variables on the frequency of sampling required for obtaining good performing estimates of soil respiration is dis-

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cussed in page 9 (line 26).

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