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.
jorgepq@uchile.cl

Received and published: 21 September 2016

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-

cussed in page 9 (line 26).