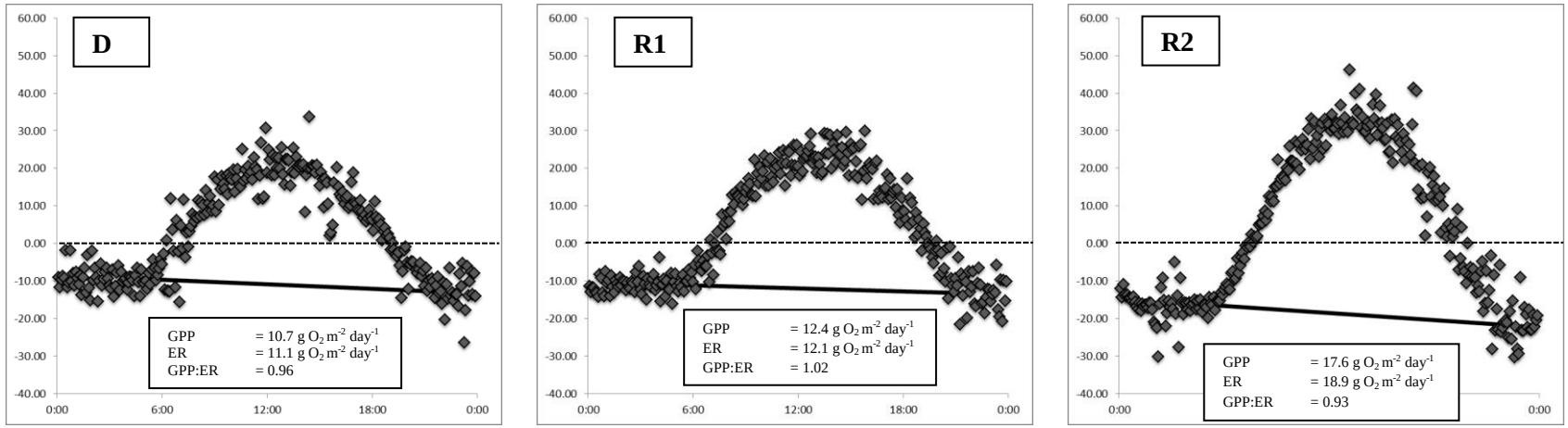
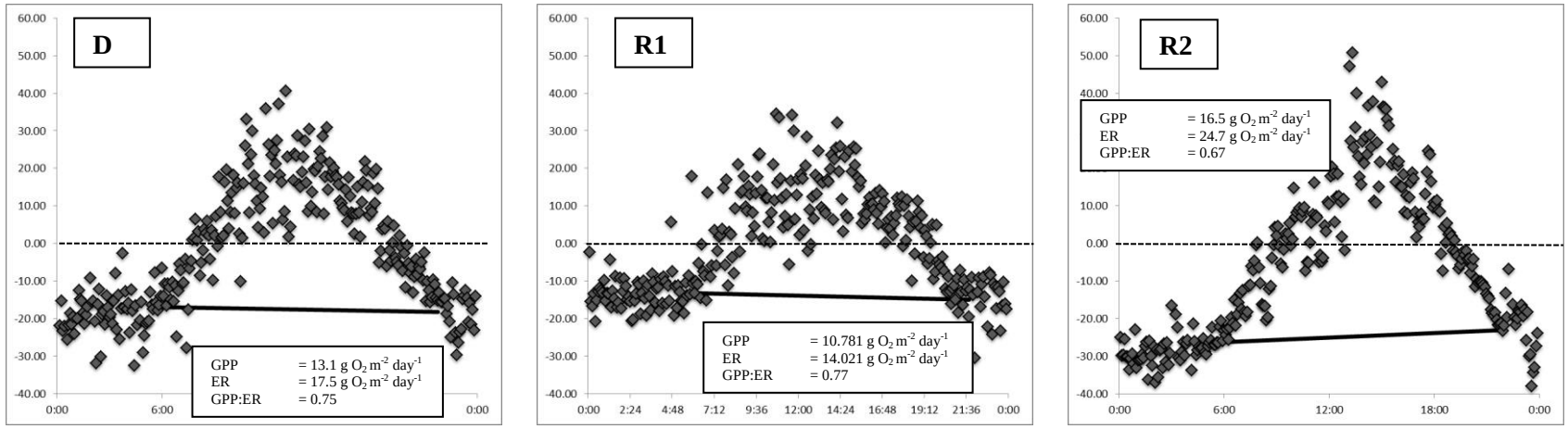
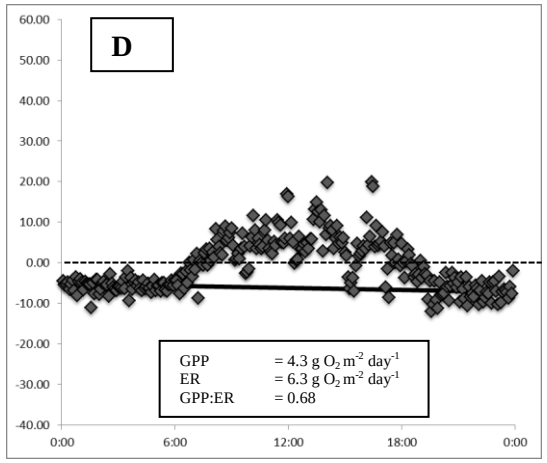
Appendix S3: Diurnal patterns of ecosystem metabolism in the sampling stations at D, R1 and R2 for days on which GPP and ER were among the highest respectively lowest rates measured

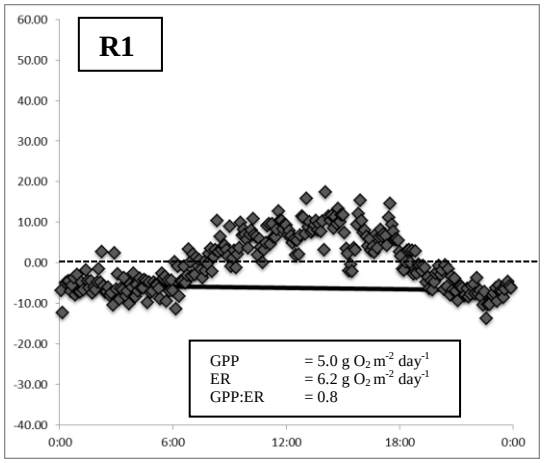


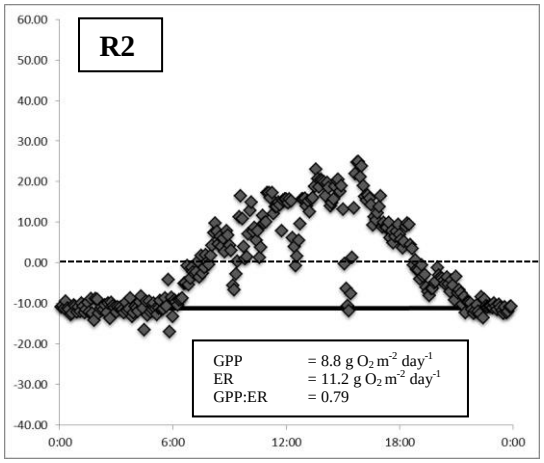
Day 17



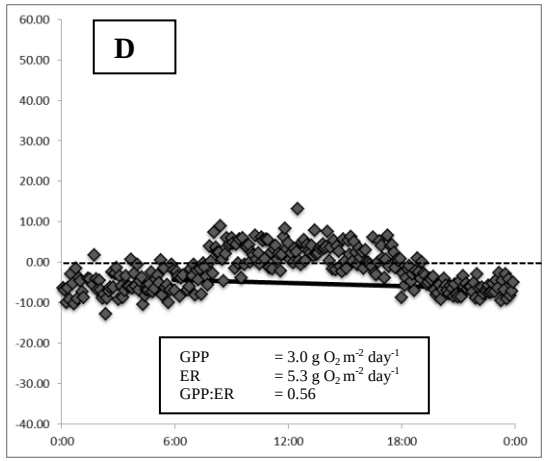
Day 1

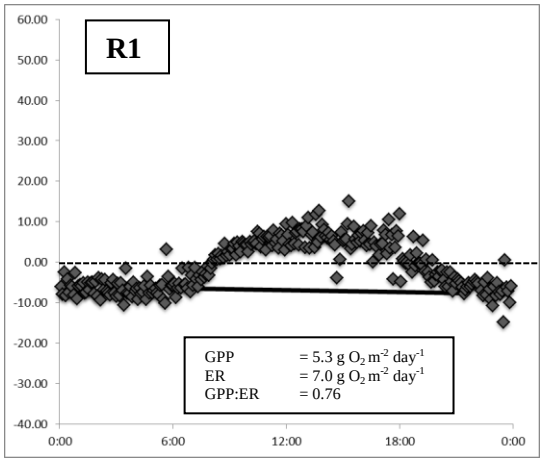

D
GPP = 4.3 g O_2 m^{-2} day^{-1}
ER = 6.3 g O_2 m^{-2} day^{-1}
GPP:ER = 0.68

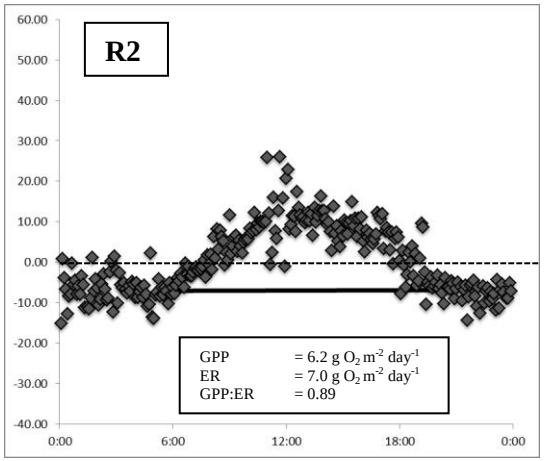

R1
GPP = 5.0 g O_2 m^{-2} day^{-1}
ER = 6.2 g O_2 m^{-2} day^{-1}
GPP:ER = 0.8


R2
GPP = 8.8 g O_2 m^{-2} day^{-1}
ER = 11.2 g O_2 m^{-2} day^{-1}
GPP:ER = 0.79

Day 40


D
GPP = 3.0 g O_2 m^{-2} day^{-1}
ER = 5.3 g O_2 m^{-2} day^{-1}
GPP:ER = 0.56


R1
GPP = 5.3 g O_2 m^{-2} day^{-1}
ER = 7.0 g O_2 m^{-2} day^{-1}
GPP:ER = 0.76


R2
GPP = 6.2 g O_2 m^{-2} day^{-1}
ER = 7.0 g O_2 m^{-2} day^{-1}
GPP:ER = 0.89