



Figure S1. Correlation between α CGRP and VO_2 , VCO_2 , carbohydrate oxidation (CHO) and relative power normalized to muscle mass. Overall, α CGRP tended to correlate with these parameters only at maximal effort (MAX). **A.** Correlation of α CGRP and $\text{VO}_{2\text{MM}}$ (at MAX: $r=0.332$, $p=0.291$); **B.** Correlation of α CGRP with $\text{VCO}_{2\text{MM}}$ (at MAX: $r=0.234$, $p=0.464$); **C.** Correlation of α CGRP with carbohydrate oxidation (at MAX: $r=0.308$, $p=0.329$); **D.** Correlation of α CGRP with relative power (at MAX: $r=0.304$, $p=0.336$). Data corresponding to baseline are indicated by black circles and continuous lines; data corresponding to maximal effort, by open triangles and dotted lines, and data corresponding to the recovery by black squares and dashed lines. $n = 12$ for each condition in each panel; Pearson's correlation.