

SUPPLEMENTARY DATA

Supplementary Figure 1. Correlations between insulin sensitivity (insulin-stimulated R_d $\mu\text{mol}\cdot\text{kg}^{-1}\cdot\text{min}^{-1}$) and respiratory values (pmol $\cdot\text{mg}^{-1}\cdot\text{s}^{-1}$) on glutamate and succinate (A) and glutamate, succinate and octanoyl-carnitine (B). In figure 1C a correlation is shown between IMTG content upon lipid infusion (clamp minus baseline, %) with insulin sensitivity (insulin-stimulated R_d $\mu\text{mol}\cdot\text{kg}^{-1}\cdot\text{min}^{-1}$). In the latter correlation, we were able to determine IMTG accumulation in 7 untrained and 9 trained subjects.

