|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Supplementary Table 3.** Correlation analyses between changes in the most significative metabolic changes. | | | | |
|  |  | **R value** | ***p*** | ***p* adj\*** |
| **AUC0-180 min Clearance FFA vs** | |  |  |  |
|  | **HOMA-IR** | **0.48** | **0.008** | **0.05** |
|  | AT-IR | 0.09 | 0.65 | 0.37 |
|  | Hepatic-IR | 0.03 | 0.90 | 0.17 |
|  | **OGIS** | **-0.58** | **0.0009** | **0.002** |
|  | **AUC0-180 min Glucose** | **0.57** | **0.001** | **0.008** |
|  | **AUC0-180 min Insulin** | **0.61** | **0.0005** | **0.003** |
|  | AUC0-180 minTG | 0.18 | 0.35 | 0.773 |
| **Palmitate180 min vs** | |  |  |  |
|  | HOMA-IR | -0.38 | 0.04 | 0.119 |
|  | AT-IR | -0.09 | 0.65 | 0.093 |
|  | Hepatic-IR | 0.02 | 0.91 | 0.51 |
|  | **OGIS** | **0.71** | **0.00001** | **0.002** |
|  | **AUC0-180 min Glucose** | **-0.66** | **0.00001** | **0.00002** |
|  | **AUC0-180 min Insulin** | **-0.46** | **0.01** | **0.02** |
|  | AUC0-180 min TG | -0.18 | 0.35 | 0.76 |

R value is the Spearman correlation coefficient in the entire dataset. \*p value adjusted for weight changes and the effect of treatment. AUC: area under the curve; FFA: free fatty acid; HOMA-IR: homeostatic model assessment for insulin resistance; AT: adipose tissue; OGIS: oral glucose insulin sensitivity; TG: triglycerides.