



**ESM Fig. 3** Plasma levels of  $\alpha$ -dicarbonyls and glucose in obese individuals with type 2 diabetes three weeks after Roux-en-Y gastric bypass. Plasma levels during the MMT of a) MGO, c) GO, e) 3-DG and g) glucose. iAUC as calculated from the MMT of b) MGO, d) GO, f) 3-DG and h) glucose. Data are shown as means (SEM). Black circles, obese type 2 diabetes individuals before RYGB; open circles, obese type 2 diabetes individuals three weeks after RYGB,  $n=15$ . Differences in the iAUCs of MGO, GO, 3-DG and glucose were tested with paired two-sided samples  $t$  tests