Supplementary Material 1: GEE formula equations

GEE analysis with antidiabetics:

$$Logit(\Pr(Z_j)) = 2.3 + 0.001 \cdot T1_j - 0.569 \cdot Jump_j - 0.0003 \cdot T0_j$$

GEE analysis with antihypertensive drugs:

$$Logit(\Pr(Z_j)) = 2.5 + 0.004 \cdot T1_j - 0.367 \cdot Jump_j - 0.002 \cdot T0_j$$

GEE analysis with statins:

$$Logit(\Pr(Z_j)) = 3.1 + 0.0004 \cdot T1_j - 0.271 \cdot Jump_j - 0.001 \cdot T0_j$$

Z_j = medication intake at day j (1=correct / 0=incorrect)

$T1_j$ = Time already spent in intervention at day j (in days)

$T0_j$ = Time already spent in follow-up at day j (in days)

$Jump_j$ = change of phase (from intervention to follow-up) at day j (1=change / 0=no change)