

Table S1. Missing rate of variables used in the development of the algorithm

Variable	Odds ratio	95% CI	P-value
Female sex	2.143	0.920–5.432	0.090
Age	0.978	0.948–1.007	0.134
Body mass index	0.993	0.924–1.063	0.843
Personal medical history			
Hypertension	1.028	0.429–2.422	0.951
Diabetes mellitus	2.389	1.115–5.174	0.025
Fatty liver	0.917	0.251–2.950	0.888
Gastrointestinal disease	10.822	1.003–254.964	0.065
Psychiatric disease	0.887	0.227–2.865	0.850
Skin allergy	5.149	0.194–136.438	0.258
Past medication history (total)	1.588	0.576–4.148	0.354
Lorcaserin	1.952	0.520–7.370	0.318
Combination of bupropion and naltrexone	2.862	0.781–10.782	0.113
Orlistat	0.668	0.030–5.967	0.743
Another GLP-1 RA	5.228	0.702–47.974	0.109

GLP-1 RA, glucose-like peptide-1 receptor agonist.