Table 5. **Factors Influencing the Success of Diabetes Remission after Metabolic Surgery using the Logistic Regression Analysis**

Factors	OR (95% CI)	*P* value
Pre-operative AUC for C-peptide (for every 100 ng/dL/min increase)	0.670 (0.477 – 0.940)	0.021
T2DM duration (for every 1 year increase)	0.838 (0.713 – 0.984)	0.031
Post-operative interleukin-1β (for every 1 pg/mL increase)	0.033 (0.002 – 0.520)	0.015
Post-operative AUC for glucose (for every 1000 mg/dL/min increase)	0.681 (0.488 – 0.949)	0.023
Δ Interleukin-1β (for every 1 pg/mL increase)	0.074 (0.007 – 0.742)	0.027
Δ Insulinogenic index (for every 0.1 increase)	2.989 (1.082 – 8.258)	0.035
Δ AUC for glucose (for every 1000 mg/dL/min increase)	0.820 (0.693 – 0.970)	0.020
Δ AUC for C-peptide (for every 100 ng/dL/min increase)	1.507 (1.096 – 2.072)	0.012

AUC, the area under the curve; CI, confidence interval; OR, adds ratio; T2DM, type 2 diabetes mellitus; Δ, alteration after surgery.