

Table 5. Logistic regression analysis testing associations between hyperuricaemia* as the outcome and fructose consumption and other factors as exposures

	Odds ratios (95% CIs)	P
BMI, Kg/m²	1.299 (1.09,1.71)	<i>0.04</i>
WC, cm	1.011 (0.85,1.13)	0.77
Sex, (F/M %)	1.031 (0.66, 1.45)	0.82
Fructose, grammes/day	2.021 (1.66, 2.78)	<i>0.01</i>
ALT, IU/L	1.002 (0.95, 1.10)	0.69
AST, IU/L	1.003 (0.99,1.05)	0.30
Fasting insulin, mU/L	2.104 (1.28, 2.89)	<i>0.04</i>
Fasting Glucose, mg/dl	0.960 (0.88, 1.01)	0.39
HOMA-IR	2.126 (1.55, 5.70)	<i>0.04</i>
Cholesterol, mg/dl	1.002 (0.98, 1.01)	0.88
Triglyceride, mg/dl	1.021 (0.96, 1.10)	0.76
SBP, mmHg	1.011 (0.96, 1.11)	0.55
DBP, mmHg	0.99 (0.96, 1.02)	0.09
TNF-α, ng/ml	1.232 (1.13,1.98)	<i>0.03</i>
IL-6, pg/ml	1.081 (0.88,1.21)	0.08
IL-1β,pg/ml	1.132 (0.99, 1.46)	0.53
Carbohydrates, grammes/day	1.03 (0.87,1.22)	0.16

*UA concentration ≥ 5.9 mg/dL.