

Table 3: Logistic regression analysis testing the association between NAS \geq 5 as the outcome and fructose consumption and uric acid concentration, plus other factors as exposures.

| | Odds ratios(95% CIs) | P |
|---------------------------------------|------------------------------|----------|
| BMI,Kg/m² | 0.938 (0.80,0.99) | 0.167 |
| WC, cm | 1.842 (1.11,1.95) | 0.03 |
| Sex, (F/M %) | 1.506 (0.77,3.23) | 0.212 |
| Fructose, grammes/day | 1.612 (1.25,1.86) | 0.001 |
| Uric Acid, mg/dl | 2.488 (1.87,2.83) | 0.004 |
| ALT, IU/L | 0.989 (0.77,1.10) | 0.781 |
| AST, IU/L | 1.048 (0.99,1.12) | 0.076 |
| Fasting insulin, mU/L | 0.754 (0.69,1.11) | 0.264 |
| Fasting Glucose, mg/dl | 0.787 (0.66,1.21) | 0.247 |
| HOMA-IR | 3.21 (1.9, 5.72) | 0.024 |
| Cholesterol, mg/dl | 1.01 (0.89,1.07) | 0.950 |
| Triglyceride, mg/dl | 1.208 (1.1,1.58) | 0.048 |
| SBP, mmHg | 0.999 (0.92,1.12) | 0.654 |
| DBP, mmHg | 0.971 (0.93,1.08) | 0.587 |
| TNF-α, ng/ml | 1.213 (0.98,1.36) | 0.468 |
| IL-6, pg/ml | 1.041 (0.97,1.21) | 0.742 |
| IL-1β,pg/ml | 1.242 (0.93,1.92) | 0.482 |