**Supplemental Table 2 Multivariate ordered logistic regression models of the effect of eating pattern score quartiles and ethnicity on weight status (in 3 groups) in West China, by gender (n = 4407)**‡**,**§

|  |  |  |
| --- | --- | --- |
|  | **Men (n = 1430)** | **Women (n = 2977)** |
| OR (95% CI) | OR (95% CI) |
| Meat-lover eating pattern (reference = Q1) |  |  |
| Q2 | **1.531 (1.067,2.195)** \* | 1.109 (0.859,1.433) |
| Q3 | 1.134 (0.781,1.646) | 1.146 (0.880,1.493) |
| Q4 | **1.618 (1.096,2.387)** \* | 1.177 (0.891,1.554) |
| Indulgent eating pattern (reference = Q1) |  |  |
| Q2 | 0.939 (0.624,1.415) | 0.941 (0.748,1.183) |
| Q3 | 0.796 (0.542,1.170) | 1.062 (0.830,1.357) |
| Q4 | 0.707 (0.483,1.036) | 1.016 (0.769,1.343) |
| Diversified-eating pattern (reference = Q1) | |  |
| Q2 | 1.191 (0.855,1.658) | 1.098 (0.849,1.419) |
| Q3 | 1.050 (0.738,1.495) | 0.856 (0.658,1.114) |
| Q4 | 1.381 (0.973,1.959) | 1.022 (0.782,1.336) |
| Nutri-health-concerned eating pattern (reference = Q1) |  |  |
| Q2 | 1.130 (0.819,1.559) | 0.877 (0.674,1.140) |
| Q3 | 1.107 (0.794,1.545) | 0.802 (0.613,1.047) |
| Q4 | 0.947 (0.659,1.360) | 0.852 (0.649,1.119) |
| Ethnicity (reference = Han) |  |  |
| Hui | 0.853 (0.553,1.316) | 0.946 (0.678,1.319) |
| Tibetan | 1.011 (0.640,1.597) | 1.455 (0.922,2.295) |
| Mongolian | **2.827 (1.565,5.108)** \*\* | 1.085 (0.642,1.833) |
| Others | 0.740 (0.350,1.565) | 1.439 (0.800,2.586) |

‡ OR (95% CI) and p-values were calculated from ordered logistic regression analysis, adjusting forage, household income, and province.

§ Weight status was classified as underweight/normal weight (BMI<24 kg/m2), overweight (24 kg/m2≤BMI<28 kg/m2), or obese (BMI≥28 kg/m2).

\* p<0.05, \*\* p<0.01, \*\*\* p<0.001.