**Supplementary Table 3** *OR* and 95% *CI* for depressive symptoms (moderately severe and severe depressive symptoms) according to CRP (CRP<10 mg/L) in entire group and different dietary fiber intake groups.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Model 1 | Model 2 | Model 3 | Model 4 |
| CRP (mg/L), Entire group |  |  |  |
| Q1 (≤0.80) | 1.000 | 1.000 | 1.000 | 1.000 |
| Q2 (<0.80 - 1.70) | 0.960(0.617 - 1.493) | 0.925(0.593 - 1.443) | 0.875(0.559 - 1.371) | 1.219(0.671 - 2.212) |
| Q3 (<1.70 - 3.60) | 1.753(1.198 - 2.569) | 1.660(1.129 - 2.439) | 1.508(1.009 - 2.255) | 1.534(0.874 - 2.692) |
| Q4 (<3.60) | 2.088(1.442 - 3.024) | 1.932(1.328 - 2.810) | 1.674(1.111 - 2.522) | 1.912(1,111 - 3.293) |
| CRP (mg/L), Lower dietary fiber intake |  |  |
| Q1 (≤0.81) | 1.000 | 1.000 | 1.000 | 1.000 |
| Q2 (<0.81 - 1.90) | 1.274(0.724 - 2.243) | 1.221(0.690 - 2.159) | 1.217(0.683 - 2.168) | 1.217(0.663 - 2,234) |
| Q3 (<1.90 - 3.93) | 1.761(1.034 - 3.000) | 1.674(0.977 - 2.868) | 1.594(0.907 - 2.799) | 1.495(0.828 - 2.700) |
| Q4 (<3.93) | 2.256(1.351 - 3.767) | 2,126(1.265 - 3.573) | 2.003(1.142 - 3.513) | 1.836(1.015 - 3.332) |
| CRP (mg/L), More dietary fiber intake |  |  |
| Q1 (≤0.71) | 1.000 | 1.000 | 1.000 | 1.000 |
| Q2 (<0.71 - 1.59) | 0.998 (0.506 - 1.966) | 0.971 (0.491 - 1.920) | 0.910(0.457 - 1.811) | 0.842(0.407 - 1.743) |
| Q3 (<1.59 - 3.30) | 1.536 (0.828 - 2.850) | 1.438(0.770 - 2.685) | 1.317(0.690 - 2.512) | 1.261(0.831 - 2.521) |
| Q4 (<3.30) | 2.447 (1.337 - 4.347) | 2.200(1.228 - 3.942) | 2.003(1.057 - 3.797) | 1.605(0.814 - 3.165) |

Note: Model 1: not adjust. Model 2 Adjusted for age, sex, race. Model 3 Adjusted for variables in model 2 + vigorous exercise, minutes of sedentary time, SBP, DBP, and BMI. Model 4 Adjusted for variables in model 3 + serious difficulty concentrating, serious difficulty hearing, serious difficulty seeing, and depression medication.