Supplemental Table 1: Association between PUFA and Depression by Sex Interaction

|  |  |
| --- | --- |
|  | **BDI \*Sex Interaction** |
| **Fatty Acid**  | **Unadjusted p-value** | **Adjusted p-valueb** |
| Diet EPAa | 0.016 | 0.017 |
| Diet DHAa  | 0.008 | 0.008 |
| RBC EPA  | 0.541 | 0.562 |
| RBC DHA  | 0.008 | 0.007 |
| RBC EPA + DHA  | 0.010 | 0.009 |
| RBC Totaln3PUFA  | 0.124 | 0.088 |

a Energy adjusted

b Controlling for age, age first homeless, and months without shelter

Supplemental Table 2: Association between PUFA and Anxiety by Sex Interaction

|  |  |
| --- | --- |
|  | **BAI \*Sex Interaction** |
| **Fatty Acid**  | **Unadjusted p-value** | **Adjusted p-valueb** |
| Diet EPAa  | 0.401 | 0.651 |
| Diet DHAa  | 0.324 | 0.582 |
| RBC EPA  | 0.558 | 0.714 |
| RBC DHA  | 0.203 | 0.403 |
| RBC EPA + DHA  | 0.196 | 0.447 |
| RBC Totaln3PUFA  | 0.778 | 0.906 |

a Energy adjusted

b Controlling for age, age first homeless, and months without shelter



Supplemental Figure 1: Moderation of relationship of anxiety with n-3 PUFA intake and status by sex.

Diet PUFAs: % energy; RBC PUFA:% concentration.