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| --- | --- | --- | --- | --- | --- |
| **Table1 supplementary. Age-, sex-, race-, energy- and BMI-adjusted mean nutrient intakes across quartiles of hs-CRP levels** | | | | | |
| **Variables** | **Quarters of hs-CRP** | | | | **p for trenda** |
| **1** | **2** | **3** | **4** |  |
| **N** | **4164** | **4156** | **4222** | **4066** |  |
| hs-CRP [mean(95% CI)], mg/dl | 0.040 (0.039-0.041) | 0.128 (0.126-0.129) | 0.309 (0.306-0.312) | 1.27 (1.23-1.31) |  |
| Total daily fat intake (g) | 80.3±1.2 | 81.9±1.3 | 80.1±0.9 | 80.2±2.3 | 0.236 |
| Total saturated fatty acid intake (g) | 25.3±0.52 | 26±0.62 | 26±0.49 | 26±0.69 | 0.526 |
| Total monounsaturated fatty acid intake (g) | 29.2±0.42 | 30.1±0.92 | 29.9±0.96 | 29.1±0.34 | 0.514 |
| Total polyunsaturated fatty acid intake (g) | 19.2±0.23 | 18.9±0.62 | 17.1±0.71 | 15.9±0.39 | **<0.001** |
| Cholesterol intake (mg) | 302.3±3.69 | 307.3±3.95 | 313.9±4.12 | 312.9±5.26 | **<0.001** |
| SFA 4:0 (Butanoic) (g) | 0.48±0.01 | 0.53±0.02 | 0.52±0.01 | 0.52±0.03 | 0.291 |
| SFA 6:0 (Hexanoic) (g) | 0.26±0.002 | 0.26±0.003 | 0.28±0.009 | 0.29±0.004 | **<0.001** |
| SFA 8:0 (Octanoic) (g) | 0.21±0.001 | 0.22±0.001 | 0.23±0.002 | 0.24±0.003 | **<0.001** |
| SFA 10:0 (Decanoic) (g) | 0.32±0.003 | 0.40±0.001 | 0.42±0.005 | 0.44±0.003 | **<0.001** |
| SFA 12:0 (Dodecanoic) (g) | 0.68±0.02 | 0.72±0.05 | 0.72±0.01 | 0.72±0.06 | 0.638 |
| SFA 14:0 (Tetradecanoic) (g) | 1.9±0.04 | 2.2±0.09 | 2.3±0.07 | 2.7±0.05 | **<0.001** |
| SFA 16:0 (Hexadecanoic) (g) | 14.1±0.2 | 14.4±0.6 | 14.4±0.3 | 14.4±0.1 | 0.183 |
| SFA 18:0 (Octadecanoic) (g) | 5.9±0.16 | 6.1±0.22 | 6.5±0.12 | 6.9±0.13 | **<0.001** |
| MUFA 16:1 (Hexadecenoic) (g) | 1.2±0.02 | 1.2±0.03 | 1.2±0.02 | 1.3±0.01 | 0.826 |
| MUFA 18:1 (Octadecenoic) (g) | 27.9±0.3 | 28.0±0.6 | 27.7±0.3 | 27.7±0.2 | 0.374 |
| MUFA 20:1 (Eicosenoic) (g) | 0.27±0.005 | 0.26±0.006 | 0.26±0.001 | 0.25±0.003 | 0.183 |
| MUFA 22:1 (Docosenoic) (g) | 0.03±0.003 | 0.03±0.001 | 0.03±0.001 | 0.03±0.001 | 0.539 |
| PUFA 18:2 (Octadecadienoic) (g) | 16.8±0.2 | 16.2±0.3 | 15.9±0.9 | 14.6±0.4 | **<0.001** |
| PUFA 18:3 (Octadecatrienoic) (g) | 1.74±0.02 | 1.63±0.01 | 1.60±0.01 | 1.23±0.02 | **<0.001** |
| PUFA 18:4 (Octadecatetraenoic) (g) | 0.016±0.03 | 0.015±0.01 | 0.016±0.09 | 0.014±0.01 | 0.145 |
| PUFA 20:4 (Eicosatetraenoic) (g) | 0.16±0.003 | 0.15±0.006 | 0.16±0.004 | 0.16±0.002 | 0.392 |
| PUFA 20:5 (Eicosapentaenoic) (g) | 0.056±0.002 | 0.045±0.006 | 0.47±0.001 | 0.049±0.009 | 0.183 |
| PUFA 22:5 (Docosapentaenoic) (g) | 0.025±0.003 | 0.024±0.002 | 0.023±0.002 | 0.024±0.003 | 0.328 |
| PUFA 22:6 (Docosahexaenoic) (g) | 0.10±0.002 | 0.090±0.001 | 0.087±0.001 | 0.090±0.001 | 0.120 |
| *Abbreviations: PUFA: Poly Unsaturated fatty Acid, MUFA: Mono unsaturated fatty acid, SFA: Saturated fatty acid,hs-CRP, High-sensitivity C-reactive protein.*  *Values expressed as estimated mean and standard error.*  *. a P-values for linear trend across quarters of hs-CRP.* *Age-, sex-, race-, energy- and BMI-adjusted mean intakes of nutrients were compared across quartiles of hs-CRP using analysis of co-variance.* | | | | | |