# Supplementary material

Online table 1. RRR’s of organic food consumption in relation to the adherence to national dietary guidelines, by sex (w, women, m, men)

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| --- | --- | --- | --- |
| *Organic food score consumption*  | Low organic versus never organic | Medium organic versus never organic  | High organic versus never organic  |
| Number of persons  | 16,712 (39%) | 15,892 (37%) | 4,272 (10%) |  |
|  | **RRR, 95% CI** | **RRR, 95% CI** | **RRR, 95% CI** |
| BMI (kg/m2) w<2525-29.9≥30 | Ref 0.9 0.7  | (0.8-1.0)(0.6-0.8) | Ref0.9 0.6  | (0.8-0.9)(0.6-0.7) | Ref0.8 0.6  | (0.7-0.9)(0.5-0.7) |
| BMI (kg/m2) m<2525-29.9≥30 | Ref 1.0 0.8  | (0.9-1.0)(0.7-0.9) | Ref0.8 0.6  | (0.7-0.9)(0.5-0.7) | Ref 0.8 0.6  | (0.7-0.9)(0.5-0.7) |
| Educational level (years) wShort (<8)Medium (8-10)Long (>10) | Ref1.6 1.9  | (1.4-1.7)(1.7-2.2) | Ref2.0 3.8  | (1.8-2.2) (3.3-4.4) | Ref2.2 5.2  | (2.0-2.6)(4.4-6.1) |
| Educational level (years) mShort (<8)Medium (8-10)Long (>10) | Ref1.3 1.6  | (1.2-1.5)(1.4-1.7) | Ref 1.6 2.4  | (1.5-1.8)(2.1-2.7) | Ref 1.6 2.9  | (1.3-1.8)(2.5-3.4) |
| Sport wNoYes | Ref 1.3  | (1.2-1.4) | Ref1.6  | (1.4-1.7) | Ref 1.7  | (1.5-1.9) |
| Sport mNoYes | Ref 1.4  | (1.3-1.5) | Ref1.6  | (1.5-1.8) | Ref 1.7  | (1.5-1.9) |
| Meet weekly alcohol limits\* wNoYes  | Ref 1.2  | (1.1-1.3) | Ref 1.3  | (1.2-1.4) | Ref 1.2  | (1.1-1.4) |
| Meet weekly alcohol limits\* mNoYes  | Ref 1.0  | (1.0-1.1) | Ref 1.0  | (1.0-1.1) | Ref 1.1  | (0.9-1.2) |
| Smoking wNeverFormer Current  | Ref 1.0 0.8  | (0.9-1.1)(0.7-0.9) | Ref 1.2 0.7 | (1.1-1.3)(0.6-0.8) | Ref1.4 0.7  | (1.2-1.5)(0.6-0.8) |
| Smoking m NeverFormer Current  | Ref 1.0 0.8  | (0.9-1.1)(0.7-0.9) | Ref 1.0 0.8  | (0.9-1.2)(0.7-0.8) | Ref 1.0 0.7  | (0.9-1.2)(0.6-0.8) |

Never consumers of organic foods is the reference outcome category (n=6,333). Abbreviations: BMI, body mass index RRR, relative risk ratio, 95% CI, 95% confidence interval \*Weekly alcohol limits: ≤7 units/week for women and ≤14 units/week for men