Supplementary Material 2. Stratified analyses of the risk of poor SRH using SBI for the association between BMI and SRH.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Men | | | | | | Women | | | | | |
|  | Much too thin | A bit thin | Exactly the right weight | A bit too fat | Much too fat | Pint | Much too thin | A bit thin | Exactly the right weight | A bit too fat | Much too fat | Pint |
| BMI  (kg/m2) |  |  |  |  |  | 0.3103 |  |  |  |  |  | 0.4566 |
| < 18.5 | 1.00  (0.74-1.35) | 0.99  (0.69-1.40) | 0.59  (0.23-1.49) | 3.56  (0.4-31.94) | 0.77  (0.06-9.62) |  | 0.85  (0.65-1.1) | 1.31  (0.91-1.87) | 0.68  (0.32-1.41) | 25.88  (4.72-141.87) | 0.08  (0.01-0.94) |  |
| 18.5-22.9 | Reference | | | | |  | Reference | | | | |  |
| 23.0-24.9 | 1.84  (0.74-4.55) | 1.08  (0.85-1.36) | 1.15  (0.97-1.36) | 1.09  (0.64-1.85) | 0.11  (0.01-0.97)\* |  | 1.23  (0.79-1.91) | 1.12  (0.92-1.38) | 1.10  (0.96-1.25) | 1.40  (1.02-1.93) | 0.99  (0.11-8.61) |  |
| 25.0-29.9 | 0.35  (0.09-1.33) | 0.68  (0.44-1.06) | 0.96  (0.81-1.15) | 0.78  (0.47-1.29) | 0.27  (0.07-1.07) |  | 1.07  (0.54-2.13) | 0.98  (0.74-1.3) | 1.14  (0.99-1.31) | 1.29  (0.96-1.73) | 0.76  (0.1-5.71) |  |
| ≥ 30 | 0.18  (0.03-1.15) | 0.85  (0.11-6.83) | 0.47  (0.20-1.10) | 0.76  (0.40-1.42) | 0.28  (0.07-1.13) |  | 0.84  (0.26-2.76) | 1.82  (0.6-5.55) | 1.12  (0.74-1.7) | 1.46  (1.05-2.03)\* | 0.83  (0.11-6.2) |  |

Data were expressed as OR (95% confidence interval) for poor SRH.

SBI: self-perceived body image; BMI: body mass index; SRH: self-rated health; OR: odds ratio.

ORs were calculated by survey logistic regression analyses adjusting age, education, subjective stress, lifetime smoking, lifetime alcohol drinking, exercise, marital status, depression, hypertension, and diabetes mellitus.

Pint means the P-value of interaction between BMI and SBI.