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Table 4: Sensitivity analysis for the prospective association between soy consumption and likelihood of reporting vasomotor symptoms at follow-up

Soy consumption	n	VMS^a (%)	Crude OR (95% CI)	Model 1^b OR (95% CI)	Model 2^c OR (95% CI)	Model 3^d OR (95% CI)
<i>Soy products</i>						
ALSWH (n=6,603)						
Less frequent ^e	6235	54.8	Reference	Reference	Reference	Reference
Frequent	368	48.6	0.78 (0.63 to 0.96)	0.76 (0.62 to 0.94)	0.79 (0.64 to 0.98)	0.79 (0.63 to 1.00)
HOW, WHITEHALL (n=2,251)						
Less frequent	2194	21.4	Reference	Reference	Reference	Reference
Frequent	57	19.3	1.05 (0.54 to 2.07)	0.99 (0.50 to 1.97)	1.05 (0.53 to 2.08)	1.04 (0.54 to 1.99)
OVERALL (n=8,854)						
Less frequent	8429	46.1	Reference	Reference	Reference	Reference
Frequent	425	44.7	0.80 (0.65 to 0.98)	0.78 (0.63 to 0.96)	0.81 (0.66 to 1.00)	0.81 (0.65 to 1.01)
<i>Soy milk</i>						
ALSWH (n=6,599)						
Less frequent	5970	54.1	Reference	Reference	Reference	Reference
Frequent	629	57.6	1.15 (0.97 to 1.36)	1.15 (0.97 to 1.36)	1.17 (0.99 to 1.38)	1.06 (0.89 to 1.27)
HOW, WHITEHALL (n=2,233)						
Less frequent	2175	21.2	Reference	Reference	Reference	Reference
Frequent	58	31.0	2.63 (1.43 to 4.84)	2.44 (1.29 to 4.60)	2.65 (1.40 to 5.00)	2.10 (1.07 to 4.13)
OVERALL (n=8,832)						
Less frequent	8145	45.3	Reference	Reference	Reference	Reference
Frequent	687	55.3	1.21 (1.03 to 1.43)	1.20 (1.01 to 1.41)	1.22 (1.04 to 1.44)	1.10 (0.92 to 1.32)

Logistic regression models were used to estimate odds ratios (OR) and 95% confidence intervals (95% CI).

^a VMS was defined as “presence of VMS” for ‘never’ and ‘rarely/mild’ VMS and “absence of VMS” for ‘sometimes/moderate’ and ‘often/severe’ VMS

^b Model 1 was adjusted for menopausal status and current use of menopausal hormone therapy at follow-up

^c Model 2 was adjusted for model 1 along with other covariates including smoking status and education level

^d Model 3 was adjusted for model 2 along with baseline VMS

^e Soy consumption frequency was defined as “frequent” for ‘daily’ and ‘weekly’ consumption and “less frequent” for ‘monthly’ and ‘never/rarely’ consumption

