

Table S3 Attenuation Factors for the Reference 24-hour Recall Compared to the Food Frequency Questionnaire

Food Group	Attenuation Factors (λx) ^a													
	Crude							Energy-Adjusted						
	Number of 24-h Recalls							Number of 24-h Recalls						
	2	3	4	5	6	7	8	2	3	4	5	6	7	8
Fermented beverages	0.83	0.88	0.91	0.93	0.94	0.95	0.96	0.81	0.87	0.9	0.92	0.93	0.94	0.95
Coffee	0.86	0.91	0.93	0.95	0.96	0.96	0.97	0.85	0.90	0.92	0.94	0.95	0.96	0.96
Beer	0.71	0.82	0.89	0.93	0.96	0.99	1.00	0.60	0.69	0.74	0.77	0.80	0.82	0.83
Wine	0.65	0.75	0.82	0.86	0.89	0.92	0.94	0.64	0.74	0.80	0.84	0.87	0.89	0.90
Fermented cereals/grains	0.58	0.67	0.73	0.76	0.79	0.81	0.83	0.51	0.6	0.66	0.71	0.74	0.77	0.79
Brown bread	0.32	0.43	0.52	0.6	0.67	0.72	0.77	0.28	0.37	0.44	0.50	0.54	0.58	0.62
White bread	0.27	0.35	0.42	0.47	0.52	0.56	0.59	0.26	0.33	0.39	0.44	0.48	0.51	0.53
Wholegrain bread	0.47	0.59	0.67	0.73	0.78	0.82	0.85	0.47	0.58	0.66	0.71	0.76	0.79	0.82
Rye bread	0.59	0.71	0.8	0.86	0.91	0.94	0.97	0.54	0.63	0.69	0.74	0.77	0.79	0.81
Other bread	0.19	0.27	0.35	0.41	0.47	0.53	0.57	0.20	0.28	0.35	0.41	0.46	0.51	0.56
Pastries	0.23	0.33	0.42	0.5	0.58	0.65	0.72	0.25	0.34	0.43	0.51	0.57	0.63	0.69
Chocolate	0.32	0.41	0.48	0.54	0.59	0.62	0.65	0.33	0.41	0.48	0.53	0.56	0.60	0.62
Fermented dairy	0.52	0.59	0.64	0.67	0.70	0.71	0.73	0.60	0.70	0.76	0.8	0.83	0.86	0.88
Cheeses	0.42	0.53	0.61	0.67	0.71	0.75	0.78	0.41	0.52	0.59	0.65	0.7	0.73	0.76
Yoghurts	0.53	0.67	0.76	0.83	0.88	0.93	0.96	0.53	0.66	0.75	0.82	0.87	0.92	0.95
Quark	0.15	0.18	0.21	0.22	0.23	0.24	0.25	0.14	0.17	0.20	0.21	0.22	0.23	0.24
Buttermilk ^b	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-fermented dairy	0.69	0.79	0.86	0.9	0.93	0.96	0.98	0.69	0.79	0.85	0.89	0.92	0.94	0.96
Butter	0.65	0.77	0.84	0.89	0.92	0.95	0.97	0.64	0.74	0.81	0.86	0.89	0.91	0.94
Cream	0.33	0.39	0.43	0.45	0.47	0.49	0.50	0.32	0.38	0.42	0.45	0.47	0.48	0.49
Ice cream	0.20	0.29	0.37	0.44	0.51	0.57	0.63	0.18	0.26	0.33	0.39	0.45	0.50	0.55
Milk	0.57	0.63	0.66	0.69	0.7	0.71	0.72	0.57	0.63	0.66	0.69	0.70	0.71	0.72
Non-fermented soya	0.6	0.66	0.7	0.72	0.74	0.75	0.76	0.61	0.67	0.70	0.72	0.74	0.75	0.76

^a Crude and energy-adjusted attenuation factors reported for each number of 24-h recalls, ranging from 2 to 8.

^b For buttermilk, the error model did not converge due to the low variance of the person-specific biases compared to the within- and between-person variances and are therefore not reported.