

Table S3. Multivariate analysis of food group intake in patients and controls

Food Groups	Disease Phenotype									Disease Activity						
	Ulcerative colitis			Crohn's disease			Active disease			Remission						
	Exp (B)	CI	Sign.	Exp (B)	CI	Sign.	Exp (B)	CI	Sign.	Exp (B)	CI	Sign.				
Alcohol ^{1-DP,DA}	0.898	0.866	0.931	0.000*	0.893	0.864	0.923	0.000*	0.911	0.882	0.941	0.000*	0.883	0.851	0.916	0.000*
Breads	0.995	0.991	0.999	0.022*	0.997	0.994	1.000	0.091	0.998	0.995	1.001	0.254	0.994	0.990	0.998	0.005*
Cereals	1.012	0.999	1.025	0.069	0.989	0.974	1.004	0.151	0.999	0.986	1.013	0.933	0.999	0.985	1.014	0.930
Cheese	1.005	0.998	1.011	0.176	1.000	0.993	1.007	0.998	1.002	0.995	1.008	0.593	1.002	0.995	1.009	0.555
Coffee	0.998	0.997	0.999	0.000*	1.000	0.999	1.001	0.919	0.999	0.998	1.000	0.005*	1.000	0.999	1.000	0.323
Dairy ^{1-DP}	0.943	0.913	0.973	0.000*	0.920	0.894	0.945	0.000*	0.998	0.997	0.999	0.000*	0.998	0.997	0.999	0.000*
Eggs	0.998	0.986	1.011	0.807	1.004	0.994	1.015	0.407	0.999	0.987	1.011	0.915	1.009	0.998	1.021	0.094
Fish	1.002	0.990	1.014	0.750	1.006	0.996	1.016	0.228	0.998	0.987	1.009	0.659	1.008	0.997	1.018	0.166
Fruits	0.999	0.998	1.001	0.355	1.000	0.999	1.001	0.561	1.000	0.999	1.001	0.692	1.000	0.999	1.001	0.958
Legumes	1.005	0.995	1.014	0.345	1.005	0.997	1.014	0.234	1.003	0.994	1.012	0.539	1.005	0.996	1.015	0.258
Meat	1.005	1.001	1.010	0.019*	1.001	0.997	1.005	0.582	1.005	1.001	1.009	0.020*	1.001	0.997	1.006	0.630
Nonalcoholic drinks	1.000	0.999	1.001	0.473	1.001	1.000	1.001	0.037*	1.000	1.000	1.001	0.367	1.000	1.000	1.001	0.323
Nuts	0.995	0.982	1.007	0.408	0.987	0.975	0.999	0.040*	1.001	0.991	1.011	0.836	0.972	0.957	0.988	0.001*
Pasta	0.993	0.984	1.003	0.157	0.986	0.977	0.995	0.002*	0.995	0.986	1.003	0.213	0.981	0.971	0.992	0.000*
Pastry	1.001	0.994	1.008	0.743	0.994	0.987	1.001	0.069	0.994	0.987	1.001	0.103	0.999	0.992	1.006	0.848
Potatoes	1.002	0.999	1.005	0.267	1.004	1.001	1.007	0.021*	1.001	0.998	1.004	0.529	1.005	1.002	1.008	0.004*
Prepared meals ^{1-DA}	0.999	0.995	1.002	0.426	0.993	0.990	0.997	0.001*	0.793	0.731	0.861	0.000*	0.831	0.762	0.906	0.000*
Rice	0.993	0.986	1.000	0.064	0.995	0.989	1.002	0.138	0.992	0.986	0.999	0.028*	0.997	0.990	1.004	0.367
Sauces	1.004	0.991	1.017	0.592	0.992	0.980	1.004	0.201	0.999	0.987	1.011	0.822	0.998	0.985	1.011	0.711
Savory snacks	1.003	0.992	1.014	0.600	1.010	1.000	1.019	0.042*	1.008	0.998	1.017	0.119	1.007	0.997	1.017	0.165
Soup	1.002	0.999	1.005	0.200	1.001	0.999	1.004	0.340	1.003	1.000	1.005	0.033*	1.000	0.997	1.003	0.932
Spreads	1.019	1.004	1.035	0.016*	1.013	1.000	1.026	0.052	1.009	0.996	1.022	0.178	1.024	1.008	1.039	0.003*
Sugar& sweets	1.006	1.000	1.012	0.069	1.008	1.002	1.014	0.005*	1.009	1.003	1.015	0.002*	1.006	1.000	1.012	0.063
Tea	1.000	0.999	1.001	0.782	1.000	0.999	1.001	0.906	1.000	0.999	1.001	0.687	1.000	0.999	1.001	0.946
Vegetables	1.000	0.997	1.003	0.879	0.999	0.997	1.002	0.615	0.999	0.997	1.002	0.654	1.000	0.997	1.003	0.974

Multinomial Logistic Regression Analysis is interpreted.

Model: gender, age, BMI, all 25 food groups.

¹ Observed variable is shown. Statistics were performed on $\sqrt{\cdot}$ -transformed variable.

^{DP} Variable was transformed when analyzing Disease Phenotype

^{DA} Variable was transformed when analyzing Disease Activity

* Significant difference between subgroup vs controls (p<0.05)