

Table S4. Effect of precursors and dietary items on TMA-producing bacteria. Age and sex were determined as important explanatory variables and p-values adjusted for either of these parameters (p.adj.age; p.adj.sex) are given as well.

	Predictor	Estimate	p.val	p.adj.age	p.adj.sex
<i>cutC</i>	Choline	-0.106	0.218	0.127	0.482
<i>cutC</i>	Betaine	-0.028	0.718	0.368	0.665
<i>cutC</i>	Carnitine	-0.065	0.520	0.276	0.911
<i>cutC</i>	Fruits	0.138	0.003	0.013	0.011
<i>cutC</i>	Salad	0.036	0.248	0.152	0.523
<i>cutC</i>	Vegetables	0.080	0.038	0.047	0.077
<i>cutC</i>	Rice	-0.040	0.257	0.659	0.103
<i>cutC</i>	Eggs	-0.006	0.895	0.953	0.723
<i>cutC</i>	Full grain	-0.007	0.805	0.710	0.387
<i>cntA</i>	Choline	-0.271	0.143	0.070	0.300
<i>cntA</i>	Betaine	0.003	0.987	0.569	0.439
<i>cntA</i>	Carnitine	-0.265	0.224	0.097	0.522
<i>cntA</i>	Fruits	0.164	0.084	0.261	0.176
<i>cntA</i>	Salad	0.156	0.014	0.005	0.039
<i>cntA</i>	Vegetables	0.069	0.383	0.449	0.541
<i>cntA</i>	Rice	0.013	0.861	0.321	0.842
<i>cntA</i>	Eggs	-0.078	0.370	0.484	0.603
<i>cntA</i>	Full grain	0.098	0.083	0.103	0.198
<i>grdH</i>	Choline	-0.076	0.474	0.499	0.408
<i>grdH</i>	Betaine	-0.117	0.226	0.265	0.159
<i>grdH</i>	Carnitine	-0.017	0.893	0.934	0.758
<i>grdH</i>	Fruits	0.052	0.359	0.310	0.318
<i>grdH</i>	Salad	0.027	0.478	0.500	0.427
<i>grdH</i>	Vegetables	-0.015	0.744	0.757	0.777
<i>grdH</i>	Rice	0.007	0.873	0.953	0.822
<i>grdH</i>	Eggs	0.003	0.958	0.980	0.990
<i>grdH</i>	Full grain	0.059	0.083	0.080	0.065
TMAO	Choline	0.293	0.000	0.000	0.000
TMAO	Betaine	0.052	0.386	0.813	0.392
TMAO	Carnitine	0.130	0.099	0.202	0.128
TMAO	Fruits	0.026	0.452	0.937	0.396
TMAO	Salad	0.014	0.565	0.391	0.493
TMAO	Vegetables	0.028	0.344	0.409	0.311
TMAO	Rice	-0.037	0.175	0.533	0.196
TMAO	Eggs	0.107	0.001	0.000	0.001
TMAO	Full grain	0.023	0.274	0.320	0.225