

## Tables and Figures

**Supplementary Table 1: N's by treatment arm**

Treatment Arm	FUT2 Status	Number of Children	Number of Mothers
Overall	Positive	1022	893
Overall	Negative	323	308
Overall	Inconclusive	154	178
Control	Positive	245	213
Control	Negative	67	71
Control	Inconclusive	37	35
WSH	Positive	258	234
WSH	Negative	92	77
WSH	Inconclusive	39	51
Nutrition	Positive	253	203
Nutrition	Negative	76	84
Nutrition	Inconclusive	42	44
Nutrition + WSH	Positive	266	243
Nutrition + WSH	Negative	88	76
Nutrition + WSH	Inconclusive	36	48

**Supplementary Table 2: Table of associations between child FUT2 status and continous growth outcomes**

	ATE	Lower 95% CI	Upper 95% CI	P-value
LAZ	-0.102	-0.154	-0.050	0.000
WHZ	-0.002	-0.120	0.117	0.977
WAZ	-0.061	-0.112	-0.010	0.020
HCZ	-0.092	-0.147	-0.037	0.001

**Supplementary Table 3: Table of associations between child FUT2 status and categorical growth outcomes**

	RR	Lower 95% CI	Upper 95% CI	P-value
Stunted	1.148	1.062	1.240	0.001
Wasted	0.968	0.718	1.305	0.830
Severe stunted	1.252	1.024	1.529	0.028
Severe wasted	1.169	0.476	2.871	0.734
Underweight	1.061	0.882	1.276	0.531
Severe underweight	1.109	0.756	1.628	0.596

**Supplementary Table 4: Table of associations between maternal FUT2 status and continous growth outcomes**

	ATE	Lower 95% CI	Upper 95% CI	P-value
LAZ	0.017	-0.097	0.132	0.765
WHZ	0.036	-0.080	0.151	0.544
WAZ	0.039	-0.085	0.162	0.537
HCZ	0.000	-0.117	0.116	0.998

**Supplementary Table 5: Table of associations between maternal FUT2 status and categorical growth outcomes**

	RR	Lower 95% CI	Upper 95% CI	P-value
Stunted	0.993	0.816	1.208	0.943
Wasted	0.983	0.657	1.472	0.935
Severe stunted	1.031	0.598	1.779	0.913
Severe wasted	0.695	0.241	2.007	0.502
Underweight	0.952	0.772	1.174	0.644
Severe underweight	0.955	0.489	1.867	0.893

**Supplementary Table 6: Table of associations between child FUT2 status and EED outcomes**

	ATE	Lower 95% CI	Upper 95% CI	P-value
Lactulose	-0.063	-0.174	0.047	0.261
Mannitol	-0.035	-0.133	0.063	0.483
L/M ratio	-0.037	-0.113	0.040	0.349
Neopterin	-0.010	-0.108	0.087	0.837
Myeloperoxidase	-0.095	-0.140	-0.049	0.000
Alpha-1 antitrypsin	-0.016	-0.121	0.088	0.760
Regenerating gene 1B	-0.029	-0.168	0.109	0.680

**Supplementary Table 7: Table of associations between maternal FUT2 status and EED outcomes**

	ATE	Lower 95% CI	Upper 95% CI	P-value
Lactulose	-0.033	-0.144	0.077	0.555
Mannitol	0.018	-0.067	0.103	0.680
L/M ratio	-0.059	-0.095	-0.023	0.001
Neopterin	-0.042	-0.170	0.085	0.513
Myeloperoxidase	-0.104	-0.148	-0.060	0.000
Alpha-1 antitrypsin	0.017	-0.067	0.101	0.689
Regenerating gene 1B	0.046	-0.119	0.211	0.583

**Supplementary Table 8: Table of associations between child FUT2 status and continous growth outcomes stratified by measurement round**

	ATE	Lower 95% CI	Upper 95% CI	P-value
LAZ - T1	-0.170	-0.250	-0.090	0.000
LAZ - T2	-0.083	-0.147	-0.018	0.012
LAZ - T3	-0.081	-0.127	-0.035	0.001
WHZ - T1	0.088	-0.094	0.269	0.345
WHZ - T2	-0.018	-0.157	0.120	0.795
WHZ - T3	-0.039	-0.165	0.087	0.546
WAZ - T1	-0.059	-0.236	0.117	0.512
WAZ - T2	-0.068	-0.216	0.081	0.371
WAZ - T3	-0.070	-0.123	-0.017	0.009
HCZ - T1	-0.071	-0.258	0.116	0.458
HCZ - T2	-0.106	-0.168	-0.043	0.001
HCZ - T3	-0.121	-0.178	-0.065	0.000

**Supplementary Table 9: Table of associations between child FUT2 status and categorical growth outcomes stratified by measurement round**

	RR	Lower 95% CI	Upper 95% CI	P-value
Stunted - T1	1.196	1.028	1.392	0.021
Stunted - T2	1.105	1.006	1.215	0.038
Stunted - T3	1.143	1.064	1.228	0.000
Wasted - T1	0.899	0.422	1.914	0.782
Wasted - T2	0.873	0.590	1.292	0.497
Wasted - T3	1.143	0.802	1.628	0.460
Severe stunted - T1	1.431	0.784	2.610	0.243
Severe stunted - T2	0.888	0.463	1.703	0.721
Severe stunted - T3	1.502	1.240	1.818	0.000
Severe wasted - T1	0.000	0.000	0.000	0.000
Severe wasted - T2	0.731	0.281	1.898	0.519
Severe wasted - T3	1.816	0.454	7.270	0.399
Underweight - T1	0.910	0.622	1.332	0.628
Underweight - T2	1.060	0.834	1.348	0.633
Underweight - T3	1.094	1.002	1.195	0.045
Severe underweight - T1	1.253	0.698	2.249	0.450
Severe underweight - T2	1.253	0.728	2.155	0.415
Severe underweight - T3	1.037	0.656	1.639	0.877

**Supplementary Table 10: Table of associations between maternal FUT2 status and continous growth outcomes stratified by measurement round**

	ATE	Lower 95% CI	Upper 95% CI	P-value
LAZ - T1	0.011	-0.184	0.205	0.914
LAZ - T2	0.025	-0.110	0.160	0.716
LAZ - T3	0.026	-0.085	0.137	0.649
WHZ - T1	0.101	-0.167	0.368	0.461
WHZ - T2	0.051	-0.091	0.193	0.478
WHZ - T3	-0.011	-0.117	0.096	0.845
WAZ - T1	0.125	0.046	0.204	0.002

	ATE	Lower 95% CI	Upper 95% CI	P-value
WAZ - T2	0.032	-0.120	0.183	0.682
WAZ - T3	-0.005	-0.121	0.111	0.931
HCZ - T1	0.108	-0.074	0.290	0.243
HCZ - T2	0.017	-0.145	0.178	0.840
HCZ - T3	-0.024	-0.144	0.097	0.697

**Supplementary Table 11: Table of associations between maternal FUT2 status and categorical growth outcomes stratified by measurement round**

	RR	Lower 95% CI	Upper 95% CI	P-value
Stunted - T1	0.937	0.694	1.265	0.672
Stunted - T2	1.040	0.802	1.347	0.768
Stunted - T3	0.979	0.820	1.170	0.818
Wasted - T1	0.787	0.376	1.648	0.525
Wasted - T2	0.907	0.563	1.459	0.686
Wasted - T3	1.108	0.756	1.622	0.600
Severe stunted - T1	0.883	0.420	1.860	0.744
Severe stunted - T2	0.714	0.243	2.096	0.540
Severe stunted - T3	1.154	0.756	1.763	0.507
Severe wasted - T1	0.099	0.008	1.248	0.074
Severe wasted - T2	0.726	0.188	2.803	0.642
Severe wasted - T3	1.068	0.250	4.566	0.929
Underweight - T1	0.894	0.594	1.347	0.593
Underweight - T2	0.953	0.740	1.229	0.712
Underweight - T3	1.009	0.845	1.205	0.923
Severe underweight - T1	1.069	0.437	2.613	0.883
Severe underweight - T2	0.875	0.343	2.235	0.781
Severe underweight - T3	1.031	0.594	1.791	0.913

**Supplementary Table 12: Table of associations between child FUT2 status and EED outcomes stratified by measurement round**

	ATE	Lower 95% CI	Upper 95% CI	P-value
Lactulose - T1	-0.086	-0.284	0.113	0.399
Mannitol - T1	-0.089	-0.252	0.073	0.282
L/M ratio - T1	-0.010	-0.109	0.088	0.838
Lactulose - T2	-0.030	-0.209	0.148	0.739
Mannitol - T2	0.004	-0.157	0.166	0.957
L/M ratio - T2	-0.024	-0.158	0.110	0.725
Lactulose - T3	-0.109	-0.259	0.041	0.154
Mannitol - T3	-0.030	-0.154	0.093	0.632
L/M ratio - T3	-0.045	-0.136	0.045	0.327
Neopterin - T1	0.044	-0.108	0.196	0.572
Myeloperoxidase - T1	0.018	-0.229	0.265	0.887
Alpha-1 antitrypsin - T1	0.185	0.107	0.262	0.000
Neopterin - T2	-0.023	-0.180	0.134	0.774
Myeloperoxidase - T2	-0.155	-0.221	-0.089	0.000

	ATE	Lower 95% CI	Upper 95% CI	P-value
Alpha-1 antitrypsin - T2	-0.069	-0.220	0.082	0.369
Regenerating gene 1B - T2	-0.025	-0.165	0.115	0.728
Neopterin - T3	-0.011	-0.168	0.146	0.890
Myeloperoxidase - T3	-0.089	-0.242	0.065	0.257
Alpha-1 antitrypsin - T3	-0.075	-0.208	0.057	0.266

**Supplementary Table 13: Table of associations between maternal FUT2 status and continous growth outcomes stratified by measurement round**

	ATE	Lower 95% CI	Upper 95% CI	P-value
Lactulose - T1	-0.043	-0.256	0.170	0.694
Mannitol - T1	-0.030	-0.223	0.163	0.761
L/M ratio - T1	-0.002	-0.119	0.115	0.973
Lactulose - T2	0.040	-0.165	0.245	0.703
Mannitol - T2	0.069	-0.146	0.283	0.531
L/M ratio - T2	-0.032	-0.185	0.121	0.683
Lactulose - T3	-0.101	-0.260	0.058	0.213
Mannitol - T3	0.027	-0.085	0.140	0.636
L/M ratio - T3	-0.116	-0.166	-0.066	0.000
Neopterin - T1	-0.013	-0.213	0.188	0.901
Myeloperoxidase - T1	-0.014	-0.273	0.245	0.915
Alpha-1 antitrypsin - T1	0.161	0.069	0.252	0.001
Neopterin - T2	-0.017	-0.167	0.134	0.828
Myeloperoxidase - T2	-0.207	-0.274	-0.139	0.000
Alpha-1 antitrypsin - T2	-0.094	-0.153	-0.035	0.002
Regenerating gene 1B - T2	0.050	-0.113	0.212	0.549
Neopterin - T3	-0.083	-0.266	0.101	0.378
Myeloperoxidase - T3	-0.055	-0.187	0.077	0.412
Alpha-1 antitrypsin - T3	0.069	-0.054	0.192	0.270

**Supplementary Table 14: Table of WASH Benefits intervention effects, stratified by child FUT2 status**

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Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P-value	Interaction P-value
Lactulose - T1	Control v WSH	Negative	-0.545	-1.030	-0.059	0.028	0.722
Lactulose - T1	Control v WSH	Positive	-0.638	-1.013	-0.264	0.001	0.722
Lactulose - T1	Control v N	Negative	-0.476	-1.018	0.066	0.085	0.384
Lactulose - T1	Control v N	Positive	-0.725	-1.069	-0.381	0.000	0.384
Lactulose - T1	Control v N + WSH	Negative	-0.525	-1.025	-0.025	0.040	0.098
Lactulose - T1	Control v N + WSH	Positive	-0.909	-1.234	-0.584	0.000	0.098

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Lactulose - T1	WSH v N + WSH	Negative	0.020	-0.312	0.351	0.908	0.119
Lactulose - T1	WSH v N + WSH	Positive	-0.270	-0.527	-0.014	0.039	0.119
Lactulose - T1	N v N + WSH	Negative	-0.049	-0.433	0.335	0.802	0.524
Lactulose - T1	N v N + WSH	Positive	-0.184	-0.433	0.065	0.148	0.524
Mannitol - T1	Control v WSH	Negative	-0.627	-1.105	-0.148	0.010	0.706
Mannitol - T1	Control v WSH	Positive	-0.715	-1.023	-0.408	0.000	0.706
Mannitol - T1	Control v N	Negative	-0.581	-1.107	-0.055	0.030	0.543
Mannitol - T1	Control v N	Positive	-0.733	-1.031	-0.435	0.000	0.543
Mannitol - T1	Control v N + WSH	Negative	-0.573	-1.070	-0.076	0.024	0.194
Mannitol - T1	Control v N + WSH	Positive	-0.856	-1.158	-0.553	0.000	0.194
Mannitol - T1	WSH v N + WSH	Negative	0.053	-0.274	0.381	0.749	0.272
Mannitol - T1	WSH v N + WSH	Positive	-0.141	-0.370	0.089	0.230	0.272
Mannitol - T1	N v N + WSH	Negative	0.008	-0.352	0.368	0.966	0.497
Mannitol - T1	N v N + WSH	Positive	-0.123	-0.337	0.092	0.262	0.497
L/M ratio - T1	Control v WSH	Negative	0.078	-0.150	0.306	0.502	0.968
L/M ratio - T1	Control v WSH	Positive	0.073	-0.104	0.250	0.419	0.968
L/M ratio - T1	Control v N	Negative	0.105	-0.123	0.332	0.366	0.381
L/M ratio - T1	Control v N	Positive	0.004	-0.139	0.147	0.960	0.381
L/M ratio - T1	Control v N + WSH	Negative	0.048	-0.144	0.240	0.623	0.320
L/M ratio - T1	Control v N + WSH	Positive	-0.057	-0.166	0.052	0.304	0.320
L/M ratio - T1	WSH v N + WSH	Negative	-0.030	-0.257	0.197	0.795	0.400
L/M ratio - T1	WSH v N + WSH	Positive	-0.130	-0.305	0.045	0.144	0.400
L/M ratio - T1	N v N + WSH	Negative	-0.057	-0.263	0.150	0.589	0.971
L/M ratio - T1	N v N + WSH	Positive	-0.061	-0.208	0.086	0.417	0.971
Lactulose - T2	Control v WSH	Negative	-0.296	-0.658	0.066	0.110	0.403
Lactulose - T2	Control v WSH	Positive	-0.131	-0.428	0.165	0.386	0.403
Lactulose - T2	Control v N	Negative	0.080	-0.259	0.418	0.645	0.802
Lactulose - T2	Control v N	Positive	0.128	-0.124	0.380	0.321	0.802
Lactulose - T2	Control v N + WSH	Negative	-0.073	-0.562	0.416	0.769	0.328

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Lactulose - T2	Control v N + WSH	Positive	0.187	-0.075	0.448	0.162	0.328
Lactulose - T2	WSH v N + WSH	Negative	0.223	-0.241	0.686	0.346	0.732
Lactulose - T2	WSH v N + WSH	Positive	0.318	0.048	0.588	0.021	0.732
Lactulose - T2	N v N + WSH	Negative	-0.153	-0.617	0.311	0.519	0.435
Lactulose - T2	N v N + WSH	Positive	0.059	-0.186	0.304	0.637	0.435
Mannitol - T2	Control v WSH	Negative	0.148	-0.247	0.542	0.464	0.907
Mannitol - T2	Control v WSH	Positive	0.124	-0.180	0.429	0.422	0.907
Mannitol - T2	Control v N	Negative	0.287	-0.102	0.676	0.148	0.773
Mannitol - T2	Control v N	Positive	0.225	-0.086	0.536	0.157	0.773
Mannitol - T2	Control v N + WSH	Negative	0.231	-0.209	0.670	0.304	0.866
Mannitol - T2	Control v N + WSH	Positive	0.191	-0.114	0.496	0.221	0.866
Mannitol - T2	WSH v N + WSH	Negative	0.083	-0.273	0.440	0.648	0.939
Mannitol - T2	WSH v N + WSH	Positive	0.066	-0.194	0.326	0.618	0.939
Mannitol - T2	N v N + WSH	Negative	-0.056	-0.501	0.389	0.805	0.933
Mannitol - T2	N v N + WSH	Positive	-0.034	-0.309	0.241	0.807	0.933
L/M ratio - T2	Control v WSH	Negative	-0.450	-0.752	-0.149	0.003	0.212
L/M ratio - T2	Control v WSH	Positive	-0.260	-0.470	-0.050	0.015	0.212
L/M ratio - T2	Control v N	Negative	-0.207	-0.529	0.115	0.208	0.544
L/M ratio - T2	Control v N	Positive	-0.102	-0.344	0.140	0.410	0.544
L/M ratio - T2	Control v N + WSH	Negative	-0.304	-0.714	0.106	0.146	0.174
L/M ratio - T2	Control v N + WSH	Positive	-0.009	-0.212	0.194	0.931	0.174
L/M ratio - T2	WSH v N + WSH	Negative	0.147	-0.190	0.483	0.393	0.602
L/M ratio - T2	WSH v N + WSH	Positive	0.252	0.051	0.452	0.014	0.602
L/M ratio - T2	N v N + WSH	Negative	-0.097	-0.430	0.237	0.570	0.292
L/M ratio - T2	N v N + WSH	Positive	0.093	-0.102	0.289	0.351	0.292
Lactulose - T3	Control v WSH	Negative	0.400	0.057	0.742	0.022	0.691
Lactulose - T3	Control v WSH	Positive	0.334	0.070	0.598	0.013	0.691
Lactulose - T3	Control v N	Negative	0.053	-0.356	0.462	0.798	0.498

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Lactulose - T3	Control v N	Positive	0.213	-0.053	0.479	0.116	0.498
Lactulose - T3	Control v N	Negative	0.108	-0.315	0.532	0.616	0.653
Lactulose - T3	+ WSH Control v N	Positive	0.207	-0.038	0.453	0.098	0.653
Lactulose - T3	+ WSH WSH v N +	Negative	-0.291	-0.666	0.084	0.128	0.407
Lactulose - T3	WSH	Positive	-0.126	-0.369	0.116	0.306	0.407
Lactulose - T3	WSH v N +	Negative	0.055	-0.325	0.436	0.776	0.774
Lactulose - T3	WSH	Positive	-0.006	-0.259	0.247	0.963	0.774
Mannitol - T3	N v N +	Negative	0.155	-0.136	0.446	0.296	0.829
Mannitol - T3	WSH	Positive	0.120	-0.129	0.369	0.344	0.829
Mannitol - T3	Control v	Negative	-0.128	-0.418	0.162	0.387	0.579
Mannitol - T3	WSH	Positive	-0.018	-0.267	0.231	0.886	0.579
Mannitol - T3	Control v N	Negative	-0.021	-0.356	0.314	0.903	0.993
Mannitol - T3	+ WSH Control v N	Positive	-0.022	-0.252	0.207	0.847	0.993
Mannitol - T3	+ WSH WSH v N +	Negative	-0.176	-0.495	0.143	0.280	0.858
Mannitol - T3	WSH	Positive	-0.143	-0.365	0.080	0.208	0.858
Mannitol - T3	WSH v N +	Negative	0.107	-0.168	0.383	0.446	0.514
Mannitol - T3	WSH	Positive	-0.004	-0.200	0.191	0.965	0.514
L/M ratio - T3	N v N +	Negative	0.244	-0.010	0.499	0.060	0.812
L/M ratio - T3	WSH	Positive	0.214	0.030	0.397	0.022	0.812
L/M ratio - T3	Control v N	Negative	0.181	-0.126	0.489	0.248	0.724
L/M ratio - T3	WSH	Positive	0.232	0.038	0.425	0.019	0.724
L/M ratio - T3	Control v N	Negative	0.129	-0.161	0.420	0.383	0.424
L/M ratio - T3	+ WSH Control v N	Positive	0.230	0.047	0.412	0.014	0.424
L/M ratio - T3	+ WSH WSH v N +	Negative	-0.115	-0.344	0.113	0.323	0.357
L/M ratio - T3	WSH	Positive	0.016	-0.134	0.166	0.832	0.357
L/M ratio - T3	WSH v N +	Negative	-0.052	-0.290	0.186	0.669	0.702
L/M ratio - T3	WSH	Positive	-0.002	-0.148	0.145	0.982	0.702
Neopterin - T1	N v N +	Negative	-0.089	-0.450	0.273	0.631	0.963
	WSH						



Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Neopterin - T1	Control v WSH	Positive	-0.080	-0.267	0.108	0.405	0.963
Neopterin - T1	Control v N	Negative	-0.206	-0.621	0.209	0.331	0.648
Neopterin - T1	Control v N	Positive	-0.110	-0.279	0.060	0.204	0.648
Neopterin - T1	Control v N + WSH	Negative	-0.151	-0.505	0.203	0.402	0.649
Neopterin - T1	Control v N + WSH	Positive	-0.233	-0.398	-0.069	0.005	0.649
Neopterin - T1	WSH v N + WSH	Negative	-0.063	-0.360	0.234	0.679	0.606
Neopterin - T1	WSH v N + WSH	Positive	-0.154	-0.331	0.024	0.090	0.606
Neopterin - T1	N v N + WSH	Negative	0.054	-0.318	0.426	0.775	0.349
Neopterin - T1	N v N + WSH	Positive	-0.124	-0.312	0.064	0.197	0.349
Myeloperoxidase - T1	Control v WSH	Negative	-0.135	-0.555	0.284	0.527	0.432
Myeloperoxidase - T1	Control v WSH	Positive	0.041	-0.226	0.308	0.765	0.432
Myeloperoxidase - T1	Control v N	Negative	0.258	-0.234	0.751	0.304	0.884
Myeloperoxidase - T1	Control v N	Positive	0.214	-0.071	0.500	0.141	0.884
Myeloperoxidase - T1	Control v N + WSH	Negative	0.096	-0.311	0.502	0.645	0.281
Myeloperoxidase - T1	Control v N + WSH	Positive	-0.163	-0.454	0.128	0.272	0.281
Myeloperoxidase - T1	WSH v N + WSH	Negative	0.231	-0.198	0.660	0.291	0.097
Myeloperoxidase - T1	WSH v N + WSH	Positive	-0.204	-0.518	0.111	0.204	0.097
Myeloperoxidase - T1	N v N + WSH	Negative	-0.163	-0.715	0.389	0.564	0.479
Myeloperoxidase - T1	N v N + WSH	Positive	-0.378	-0.631	-0.124	0.004	0.479
Alpha-1 antitrypsin - T1	Control v WSH	Negative	-0.078	-0.530	0.374	0.735	0.984
Alpha-1 antitrypsin - T1	Control v WSH	Positive	-0.073	-0.369	0.224	0.631	0.984
Alpha-1 antitrypsin - T1	Control v N	Negative	-0.045	-0.543	0.454	0.861	0.904
Alpha-1 antitrypsin - T1	Control v N	Positive	-0.011	-0.282	0.260	0.937	0.904
Alpha-1 antitrypsin - T1	Control v N + WSH	Negative	-0.234	-0.689	0.220	0.312	0.500
Alpha-1 antitrypsin - T1	Control v N + WSH	Positive	-0.084	-0.338	0.171	0.519	0.500
Alpha-1 antitrypsin - T1	WSH v N + WSH	Negative	-0.156	-0.546	0.234	0.432	0.533
Alpha-1 antitrypsin - T1	WSH v N + WSH	Positive	-0.011	-0.259	0.237	0.930	0.533

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Alpha-1 antitrypsin - T1	N v N + WSH	Negative	-0.190	-0.731	0.352	0.493	0.683
Alpha-1 antitrypsin - T1	N v N + WSH	Positive	-0.073	-0.313	0.167	0.552	0.683
Neopterin - T2	Control v WSH	Negative	-0.192	-0.543	0.159	0.283	0.349
Neopterin - T2	Control v WSH	Positive	-0.018	-0.255	0.220	0.883	0.349
Neopterin - T2	Control v N	Negative	-0.182	-0.549	0.185	0.331	0.993
Neopterin - T2	Control v N	Positive	-0.180	-0.388	0.027	0.089	0.993
Neopterin - T2	Control v N + WSH	Negative	-0.107	-0.443	0.228	0.531	0.722
Neopterin - T2	Control v N + WSH	Positive	-0.173	-0.363	0.018	0.075	0.722
Neopterin - T2	WSH v N + WSH	Negative	0.085	-0.198	0.369	0.556	0.148
Neopterin - T2	WSH v N + WSH	Positive	-0.155	-0.350	0.040	0.119	0.148
Neopterin - T2	N v N + WSH	Negative	0.075	-0.173	0.322	0.555	0.687
Neopterin - T2	N v N + WSH	Positive	0.007	-0.153	0.168	0.928	0.687
Myeloperoxidase - T2	Control v WSH	Negative	0.390	0.058	0.722	0.021	0.024
Myeloperoxidase - T2	Control v WSH	Positive	-0.032	-0.255	0.192	0.780	0.024
Myeloperoxidase - T2	Control v N	Negative	0.090	-0.325	0.504	0.671	0.354
Myeloperoxidase - T2	Control v N	Positive	-0.125	-0.349	0.100	0.276	0.354
Myeloperoxidase - T2	Control v N + WSH	Negative	0.338	-0.046	0.721	0.084	0.062
Myeloperoxidase - T2	Control v N + WSH	Positive	-0.091	-0.281	0.099	0.350	0.062
Myeloperoxidase - T2	WSH v N + WSH	Negative	-0.052	-0.378	0.273	0.752	0.975
Myeloperoxidase - T2	WSH v N + WSH	Positive	-0.059	-0.263	0.146	0.572	0.975
Myeloperoxidase - T2	N v N + WSH	Negative	0.248	-0.121	0.617	0.188	0.295
Myeloperoxidase - T2	N v N + WSH	Positive	0.034	-0.170	0.237	0.745	0.295
Alpha-1 antitrypsin - T2	Control v WSH	Negative	-0.107	-0.441	0.227	0.529	0.484
Alpha-1 antitrypsin - T2	Control v WSH	Positive	0.012	-0.181	0.205	0.902	0.484
Alpha-1 antitrypsin - T2	Control v N	Negative	-0.234	-0.588	0.119	0.194	0.496
Alpha-1 antitrypsin - T2	Control v N	Positive	-0.096	-0.306	0.114	0.369	0.496
Alpha-1 antitrypsin - T2	Control v N + WSH	Negative	-0.076	-0.378	0.225	0.620	0.527

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Alpha-1 antitrypsin - T2	Control v N + WSH	Positive	0.028	-0.164	0.221	0.773	0.527
Alpha-1 antitrypsin - T2	WSH v N + WSH	Negative	0.031	-0.232	0.293	0.819	0.931
Alpha-1 antitrypsin - T2	WSH v N + WSH	Positive	0.016	-0.172	0.204	0.866	0.931
Alpha-1 antitrypsin - T2	N v N + WSH	Negative	0.158	-0.104	0.420	0.238	0.856
Alpha-1 antitrypsin - T2	N v N + WSH	Positive	0.125	-0.077	0.326	0.226	0.856
Regenerating gene 1B - T2	Control v WSH	Negative	0.010	-0.451	0.471	0.967	0.970
Regenerating gene 1B - T2	Control v WSH	Positive	0.000	-0.198	0.199	0.997	0.970
Regenerating gene 1B - T2	Control v N WSH	Negative	0.132	-0.220	0.485	0.461	0.168
Regenerating gene 1B - T2	Control v N WSH	Positive	-0.148	-0.365	0.069	0.181	0.168
Regenerating gene 1B - T2	Control v N + WSH	Negative	0.208	-0.154	0.570	0.260	0.216
Regenerating gene 1B - T2	Control v N + WSH	Positive	-0.060	-0.267	0.148	0.574	0.216
Regenerating gene 1B - T2	WSH v N + WSH	Negative	0.198	-0.158	0.555	0.276	0.196
Regenerating gene 1B - T2	WSH v N + WSH	Positive	-0.060	-0.272	0.153	0.581	0.196
Regenerating gene 1B - T2	N v N + WSH	Negative	0.076	-0.137	0.288	0.486	0.941
Regenerating gene 1B - T2	N v N + WSH	Positive	0.088	-0.138	0.315	0.444	0.941
Neopterin - T3	Control v WSH	Negative	-0.292	-0.633	0.049	0.093	0.095
Neopterin - T3	Control v WSH	Positive	0.023	-0.186	0.232	0.828	0.095
Neopterin - T3	Control v N	Negative	0.042	-0.288	0.372	0.805	0.193
Neopterin - T3	Control v N	Positive	-0.191	-0.451	0.069	0.150	0.193
Neopterin - T3	Control v N + WSH	Negative	-0.013	-0.354	0.329	0.943	0.368
Neopterin - T3	Control v N + WSH	Positive	-0.189	-0.419	0.041	0.107	0.368
Neopterin - T3	WSH v N + WSH	Negative	0.280	-0.015	0.574	0.063	0.006
Neopterin - T3	WSH v N + WSH	Positive	-0.212	-0.405	-0.020	0.030	0.006
Neopterin - T3	N v N + WSH	Negative	-0.054	-0.328	0.220	0.699	0.744
Neopterin - T3	N v N + WSH	Positive	0.002	-0.211	0.215	0.986	0.744
Myeloperoxidase - T3	Control v WSH	Negative	0.502	0.144	0.860	0.006	0.104
Myeloperoxidase - T3	Control v WSH	Positive	0.154	-0.062	0.370	0.161	0.104

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Myeloperoxidase - T3	Control v N	Negative	0.343	-0.012	0.699	0.058	0.653
Myeloperoxidase - T3	Control v N	Positive	0.249	0.007	0.491	0.043	0.653
Myeloperoxidase - T3	Control v N + WSH	Negative	0.440	0.041	0.840	0.031	0.146
Myeloperoxidase - T3	Control v N + WSH	Positive	0.104	-0.110	0.319	0.341	0.146
Myeloperoxidase - T3	WSH v N + WSH	Negative	-0.061	-0.398	0.275	0.721	0.953
Myeloperoxidase - T3	WSH v N + WSH	Positive	-0.050	-0.243	0.143	0.610	0.953
Myeloperoxidase - T3	N v N + WSH	Negative	0.097	-0.259	0.454	0.593	0.241
Myeloperoxidase - T3	N v N + WSH	Positive	-0.145	-0.337	0.047	0.140	0.241
Alpha-1 antitrypsin - T3	Control v WSH	Negative	0.079	-0.344	0.502	0.715	0.974
Alpha-1 antitrypsin - T3	Control v WSH	Positive	0.087	-0.099	0.272	0.359	0.974
Alpha-1 antitrypsin - T3	Control v N	Negative	0.160	-0.175	0.494	0.350	0.988
Alpha-1 antitrypsin - T3	Control v N	Positive	0.157	-0.027	0.340	0.094	0.988
Alpha-1 antitrypsin - T3	Control v N + WSH	Negative	0.315	-0.029	0.659	0.073	0.231
Alpha-1 antitrypsin - T3	Control v N + WSH	Positive	0.063	-0.134	0.260	0.532	0.231
Alpha-1 antitrypsin - T3	WSH v N + WSH	Negative	0.236	-0.096	0.568	0.164	0.164
Alpha-1 antitrypsin - T3	WSH v N + WSH	Positive	-0.024	-0.167	0.119	0.742	0.164
Alpha-1 antitrypsin - T3	N v N + WSH	Negative	0.155	-0.103	0.414	0.239	0.111
Alpha-1 antitrypsin - T3	N v N + WSH	Positive	-0.094	-0.249	0.061	0.235	0.111

**Supplementary Table 15: Table of WASH Benefits intervention effects, stratified by maternal FUT2 status**

Error in rename(., P-value = Pvalue) : Can't rename columns that don't exist. x Column Pvalue doesn't exist.

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Lactulose - T1	Control v WSH	Negative	-0.564	-1.095	-0.034	0.037	0.734
Lactulose - T1	Control v WSH	Positive	-0.661	-1.080	-0.242	0.002	0.734
Lactulose - T1	Control v N	Negative	-0.556	-1.064	-0.048	0.032	0.689

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Lactulose - T1	Control v N	Positive	-0.665	-1.062	-0.268	0.001	0.689
Lactulose - T1	Control v N	Negative	-0.490	-1.027	0.048	0.074	0.087
Lactulose - T1	+ WSH Control v N	Positive	-0.906	-1.269	-0.543	0.000	0.087
Lactulose - T1	+ WSH WSH v N +	Negative	0.075	-0.295	0.444	0.693	0.190
Lactulose - T1	WSH	Positive	-0.246	-0.572	0.081	0.140	0.190
Lactulose - T1	WSH v N +	Negative	0.067	-0.280	0.413	0.707	0.202
Lactulose - T1	WSH	Positive	-0.241	-0.570	0.087	0.150	0.202
Lactulose - T1	N v N +	Negative	0.067	-0.280	0.413	0.707	0.202
Lactulose - T1	WSH	Positive	-0.241	-0.570	0.087	0.150	0.202
Mannitol - T1	Control v	Negative	-0.611	-1.123	-0.098	0.020	0.719
Mannitol - T1	WSH	Positive	-0.701	-1.044	-0.357	0.000	0.719
Mannitol - T1	Control v	Negative	-0.578	-1.061	-0.095	0.019	0.655
Mannitol - T1	WSH	Positive	-0.682	-1.017	-0.348	0.000	0.655
Mannitol - T1	Control v	Negative	-0.566	-1.127	-0.005	0.048	0.307
Mannitol - T1	+ WSH Control v N	Positive	-0.811	-1.123	-0.500	0.000	0.307
Mannitol - T1	+ WSH WSH v N +	Negative	0.045	-0.296	0.386	0.797	0.460
Mannitol - T1	WSH	Positive	-0.111	-0.394	0.173	0.443	0.460
Mannitol - T1	WSH v N +	Negative	0.012	-0.340	0.365	0.945	0.546
Mannitol - T1	WSH	Positive	-0.129	-0.404	0.146	0.359	0.546
Mannitol - T1	N v N +	Negative	0.012	-0.340	0.365	0.945	0.546
Mannitol - T1	WSH	Positive	-0.129	-0.404	0.146	0.359	0.546
L/M ratio - T1	Control v	Negative	0.046	-0.248	0.341	0.758	0.941
L/M ratio - T1	WSH	Positive	0.034	-0.131	0.199	0.689	0.941
L/M ratio - T1	Control v	Negative	0.022	-0.167	0.211	0.820	0.937
L/M ratio - T1	WSH	Positive	0.013	-0.196	0.221	0.906	0.937
L/M ratio - T1	Control v	Negative	0.076	-0.116	0.268	0.439	0.119
L/M ratio - T1	+ WSH Control v N	Positive	-0.100	-0.219	0.020	0.101	0.119
L/M ratio - T1	+ WSH WSH v N +	Negative	0.030	-0.262	0.321	0.842	0.324
L/M ratio - T1	WSH	Positive	-0.134	-0.299	0.032	0.114	0.324
L/M ratio - T1	WSH v N +	Negative	0.054	-0.151	0.259	0.605	0.159
L/M ratio - T1	WSH	Positive	-0.112	-0.320	0.095	0.289	0.159
Lactulose - T2	N v N +	Negative	-0.112	-0.320	0.095	0.289	0.159
Lactulose - T2	WSH	Positive	-0.112	-0.320	0.095	0.289	0.159
Lactulose - T2	Control v	Negative	-0.185	-0.675	0.304	0.458	0.925
Lactulose - T2	WSH	Positive	-0.185	-0.675	0.304	0.458	0.925

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Lactulose - T2	Control v WSH	Positive	-0.212	-0.513	0.088	0.166	0.925
Lactulose - T2	Control v N	Negative	0.138	-0.301	0.577	0.538	0.829
Lactulose - T2	Control v N	Positive	0.076	-0.195	0.346	0.583	0.829
Lactulose - T2	Control v N	Negative	0.030	-0.525	0.585	0.915	0.489
Lactulose - T2	+ WSH						
Lactulose - T2	Control v N	Positive	0.265	-0.008	0.538	0.057	0.489
Lactulose - T2	+ WSH						
Lactulose - T2	WSH v N + WSH	Negative	0.216	-0.205	0.636	0.315	0.246
Lactulose - T2	WSH v N + WSH	Positive	0.478	0.220	0.735	0.000	0.246
Lactulose - T2	N v N + WSH	Negative	-0.108	-0.544	0.329	0.628	0.280
Lactulose - T2	N v N + WSH	Positive	0.189	-0.085	0.463	0.176	0.280
Mannitol - T2	Control v WSH	Negative	0.205	-0.278	0.688	0.406	0.647
Mannitol - T2	Control v WSH	Positive	0.071	-0.247	0.390	0.661	0.647
Mannitol - T2	Control v N	Negative	0.346	-0.107	0.799	0.135	0.572
Mannitol - T2	Control v N	Positive	0.179	-0.138	0.496	0.268	0.572
Mannitol - T2	Control v N	Negative	0.172	-0.362	0.706	0.527	0.865
Mannitol - T2	+ WSH						
Mannitol - T2	Control v N	Positive	0.230	-0.080	0.539	0.147	0.865
Mannitol - T2	+ WSH						
Mannitol - T2	WSH v N + WSH	Negative	-0.033	-0.465	0.399	0.882	0.441
Mannitol - T2	WSH v N + WSH	Positive	0.158	-0.104	0.420	0.237	0.441
Mannitol - T2	N v N + WSH	Negative	-0.174	-0.636	0.289	0.462	0.446
Mannitol - T2	N v N + WSH	Positive	0.050	-0.260	0.361	0.751	0.446
L/M ratio - T2	Control v WSH	Negative	-0.390	-0.687	-0.094	0.010	0.578
L/M ratio - T2	Control v WSH	Positive	-0.289	-0.508	-0.070	0.010	0.578
L/M ratio - T2	Control v N	Negative	-0.208	-0.527	0.111	0.202	0.603
L/M ratio - T2	Control v N	Positive	-0.109	-0.368	0.150	0.410	0.603
L/M ratio - T2	Control v N	Negative	-0.142	-0.520	0.236	0.462	0.438
L/M ratio - T2	+ WSH						
L/M ratio - T2	Control v N	Positive	0.030	-0.192	0.253	0.790	0.438
L/M ratio - T2	+ WSH						
L/M ratio - T2	WSH v N + WSH	Negative	0.248	-0.112	0.608	0.176	0.729
L/M ratio - T2	WSH v N + WSH	Positive	0.319	0.118	0.520	0.002	0.729
L/M ratio - T2	N v N + WSH	Negative	0.066	-0.282	0.414	0.710	0.712
L/M ratio - T2	N v N + WSH	Positive	0.139	-0.093	0.372	0.240	0.712

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Lactulose - T3	Control v WSH	Negative	0.328	-0.122	0.778	0.153	0.946
Lactulose - T3	Control v WSH	Positive	0.311	0.044	0.578	0.022	0.946
Lactulose - T3	Control v N	Negative	0.388	-0.118	0.893	0.133	0.431
Lactulose - T3	Control v N	Positive	0.178	-0.060	0.415	0.143	0.431
Lactulose - T3	Control v N + WSH	Negative	0.166	-0.264	0.594	0.450	0.760
Lactulose - T3	Control v N + WSH	Positive	0.244	-0.048	0.537	0.101	0.760
Lactulose - T3	WSH v N + WSH	Negative	-0.162	-0.543	0.219	0.403	0.649
Lactulose - T3	WSH v N + WSH	Positive	-0.067	-0.317	0.184	0.602	0.649
Lactulose - T3	N v N + WSH	Negative	-0.222	-0.610	0.166	0.262	0.171
Lactulose - T3	N v N + WSH	Positive	0.067	-0.206	0.339	0.631	0.171
Mannitol - T3	Control v WSH	Negative	0.132	-0.240	0.505	0.487	0.892
Mannitol - T3	Control v WSH	Positive	0.159	-0.071	0.390	0.176	0.892
Mannitol - T3	Control v N	Negative	0.066	-0.287	0.420	0.714	0.793
Mannitol - T3	Control v N	Positive	0.016	-0.203	0.235	0.888	0.793
Mannitol - T3	Control v N + WSH	Negative	-0.016	-0.357	0.325	0.926	0.546
Mannitol - T3	Control v N + WSH	Positive	0.092	-0.145	0.329	0.445	0.546
Mannitol - T3	WSH v N + WSH	Negative	-0.148	-0.478	0.181	0.378	0.665
Mannitol - T3	WSH v N + WSH	Positive	-0.067	-0.301	0.168	0.576	0.665
Mannitol - T3	N v N + WSH	Negative	-0.082	-0.327	0.163	0.511	0.336
Mannitol - T3	N v N + WSH	Positive	0.077	-0.159	0.312	0.524	0.336
L/M ratio - T3	Control v WSH	Negative	0.196	-0.126	0.517	0.233	0.797
L/M ratio - T3	Control v WSH	Positive	0.152	-0.032	0.336	0.106	0.797
L/M ratio - T3	Control v N	Negative	0.322	-0.056	0.700	0.095	0.403
L/M ratio - T3	Control v N	Positive	0.162	-0.034	0.358	0.106	0.403
L/M ratio - T3	Control v N + WSH	Negative	0.182	-0.172	0.535	0.315	0.868
L/M ratio - T3	Control v N + WSH	Positive	0.152	-0.048	0.353	0.137	0.868
L/M ratio - T3	WSH v N + WSH	Negative	-0.014	-0.249	0.221	0.907	0.903
L/M ratio - T3	WSH v N + WSH	Positive	0.000	-0.154	0.154	0.998	0.903
L/M ratio - T3	N v N + WSH	Negative	-0.140	-0.418	0.138	0.324	0.315

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
L/M ratio - T3	N v N + WSH	Positive	-0.010	-0.153	0.133	0.892	0.315
Neopterin - T1	Control v WSH	Negative	-0.160	-0.582	0.261	0.455	0.817
Neopterin - T1	Control v WSH	Positive	-0.109	-0.255	0.037	0.144	0.817
Neopterin - T1	Control v N	Negative	-0.377	-0.715	-0.038	0.029	0.256
Neopterin - T1	Control v N	Positive	-0.167	-0.362	0.029	0.094	0.256
Neopterin - T1	Control v N + WSH	Negative	-0.349	-0.744	0.045	0.083	0.646
Neopterin - T1	Control v N + WSH	Positive	-0.259	-0.430	-0.089	0.003	0.646
Neopterin - T1	WSH v N + WSH	Negative	-0.189	-0.532	0.155	0.281	0.854
Neopterin - T1	WSH v N + WSH	Positive	-0.150	-0.338	0.037	0.116	0.854
Neopterin - T1	N v N + WSH	Negative	0.027	-0.320	0.375	0.877	0.534
Neopterin - T1	N v N + WSH	Positive	-0.092	-0.284	0.099	0.345	0.534
Myeloperoxidase - T1	Control v WSH	Negative	-0.284	-0.842	0.273	0.317	0.507
Myeloperoxidase - T1	Control v WSH	Positive	-0.095	-0.347	0.156	0.457	0.507
Myeloperoxidase - T1	Control v N	Negative	-0.173	-0.678	0.331	0.501	0.113
Myeloperoxidase - T1	Control v N	Positive	0.291	-0.010	0.592	0.058	0.113
Myeloperoxidase - T1	Control v N + WSH	Negative	-0.041	-0.645	0.562	0.894	0.427
Myeloperoxidase - T1	Control v N + WSH	Positive	-0.287	-0.568	-0.005	0.046	0.427
Myeloperoxidase - T1	WSH v N + WSH	Negative	0.243	-0.393	0.880	0.454	0.184
Myeloperoxidase - T1	WSH v N + WSH	Positive	-0.191	-0.459	0.076	0.161	0.184
Myeloperoxidase - T1	N v N + WSH	Negative	0.132	-0.456	0.721	0.660	0.047
Myeloperoxidase - T1	N v N + WSH	Positive	-0.578	-0.904	-0.251	0.000	0.047
Alpha-1 antitrypsin - T1	Control v WSH	Negative	-0.015	-0.570	0.540	0.957	0.868
Alpha-1 antitrypsin - T1	Control v WSH	Positive	-0.067	-0.367	0.233	0.663	0.868
Alpha-1 antitrypsin - T1	Control v N	Negative	-0.435	-0.802	-0.068	0.020	0.064
Alpha-1 antitrypsin - T1	Control v N	Positive	-0.003	-0.312	0.306	0.983	0.064
Alpha-1 antitrypsin - T1	Control v N + WSH	Negative	-0.212	-0.578	0.155	0.257	0.746
Alpha-1 antitrypsin - T1	Control v N + WSH	Positive	-0.146	-0.482	0.189	0.392	0.746



Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Alpha-1 antitrypsin - T1	WSH v N + WSH	Negative	-0.197	-0.670	0.276	0.415	0.677
Alpha-1 antitrypsin - T1	WSH v N + WSH	Positive	-0.080	-0.346	0.187	0.558	0.677
Alpha-1 antitrypsin - T1	N v N + WSH	Negative	0.223	-0.165	0.612	0.260	0.099
Alpha-1 antitrypsin - T1	N v N + WSH	Positive	-0.143	-0.406	0.120	0.286	0.099
Neopterin - T2	Control v WSH	Negative	0.046	-0.321	0.414	0.804	0.237
Neopterin - T2	Control v WSH	Positive	-0.204	-0.421	0.013	0.065	0.237
Neopterin - T2	Control v N	Negative	-0.244	-0.552	0.065	0.122	0.789
Neopterin - T2	Control v N	Positive	-0.294	-0.530	-0.058	0.015	0.789
Neopterin - T2	Control v N + WSH	Negative	-0.157	-0.518	0.204	0.394	0.596
Neopterin - T2	Control v N + WSH	Positive	-0.261	-0.459	-0.062	0.010	0.596
Neopterin - T2	WSH v N + WSH	Negative	-0.204	-0.498	0.091	0.176	0.358
Neopterin - T2	WSH v N + WSH	Positive	-0.057	-0.260	0.146	0.585	0.358
Neopterin - T2	N v N + WSH	Negative	0.086	-0.222	0.395	0.583	0.782
Neopterin - T2	N v N + WSH	Positive	0.033	-0.158	0.225	0.733	0.782
Myeloperoxidase - T2	Control v WSH	Negative	0.148	-0.295	0.592	0.512	0.274
Myeloperoxidase - T2	Control v WSH	Positive	-0.118	-0.343	0.106	0.302	0.274
Myeloperoxidase - T2	Control v N	Negative	-0.097	-0.479	0.285	0.619	0.773
Myeloperoxidase - T2	Control v N	Positive	-0.158	-0.399	0.082	0.197	0.773
Myeloperoxidase - T2	Control v N + WSH	Negative	-0.038	-0.476	0.401	0.867	0.725
Myeloperoxidase - T2	Control v N + WSH	Positive	-0.122	-0.301	0.056	0.178	0.725
Myeloperoxidase - T2	WSH v N + WSH	Negative	-0.186	-0.541	0.169	0.304	0.368
Myeloperoxidase - T2	WSH v N + WSH	Positive	-0.004	-0.194	0.186	0.967	0.368
Myeloperoxidase - T2	N v N + WSH	Negative	0.059	-0.262	0.381	0.717	0.890
Myeloperoxidase - T2	N v N + WSH	Positive	0.036	-0.165	0.237	0.727	0.890
Alpha-1 antitrypsin - T2	Control v WSH	Negative	0.201	-0.086	0.488	0.169	0.029
Alpha-1 antitrypsin - T2	Control v WSH	Positive	-0.181	-0.408	0.046	0.117	0.029
Alpha-1 antitrypsin - T2	Control v N	Negative	-0.094	-0.361	0.172	0.488	0.696

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Alpha-1 antitrypsin - T2	Control v N	Positive	-0.163	-0.388	0.061	0.154	0.696
Alpha-1 antitrypsin - T2	Control v N + WSH	Negative	-0.100	-0.445	0.246	0.572	0.794
Alpha-1 antitrypsin - T2	Control v N + WSH	Positive	-0.045	-0.259	0.169	0.680	0.794
Alpha-1 antitrypsin - T2	WSH v N + WSH	Negative	-0.301	-0.665	0.064	0.106	0.031
Alpha-1 antitrypsin - T2	WSH v N + WSH	Positive	0.136	-0.032	0.305	0.113	0.031
Alpha-1 antitrypsin - T2	N v N + WSH	Negative	-0.005	-0.375	0.364	0.977	0.575
Alpha-1 antitrypsin - T2	N v N + WSH	Positive	0.118	-0.069	0.306	0.215	0.575
Regenerating gene 1B - T2	Control v WSH	Negative	-0.100	-0.534	0.333	0.650	0.903
Regenerating gene 1B - T2	Control v WSH	Positive	-0.071	-0.263	0.121	0.469	0.903
Regenerating gene 1B - T2	Control v N	Negative	-0.157	-0.488	0.174	0.352	0.964
Regenerating gene 1B - T2	Control v N	Positive	-0.166	-0.384	0.051	0.133	0.964
Regenerating gene 1B - T2	Control v N + WSH	Negative	-0.055	-0.402	0.292	0.756	0.889
Regenerating gene 1B - T2	Control v N + WSH	Positive	-0.028	-0.233	0.178	0.791	0.889
Regenerating gene 1B - T2	WSH v N + WSH	Negative	0.046	-0.360	0.451	0.826	0.992
Regenerating gene 1B - T2	WSH v N + WSH	Positive	0.043	-0.145	0.232	0.652	0.992
Regenerating gene 1B - T2	N v N + WSH	Negative	0.102	-0.197	0.402	0.503	0.828
Regenerating gene 1B - T2	N v N + WSH	Positive	0.139	-0.056	0.333	0.162	0.828
Neopterin - T3	Control v WSH	Negative	0.025	-0.359	0.408	0.900	0.661
Neopterin - T3	Control v WSH	Positive	-0.072	-0.327	0.182	0.577	0.661
Neopterin - T3	Control v N	Negative	-0.134	-0.512	0.245	0.489	0.831
Neopterin - T3	Control v N	Positive	-0.178	-0.480	0.125	0.249	0.831
Neopterin - T3	Control v N + WSH	Negative	0.045	-0.366	0.457	0.829	0.239
Neopterin - T3	Control v N + WSH	Positive	-0.212	-0.449	0.026	0.081	0.239
Neopterin - T3	WSH v N + WSH	Negative	0.021	-0.425	0.466	0.927	0.487
Neopterin - T3	WSH v N + WSH	Positive	-0.139	-0.302	0.024	0.094	0.487
Neopterin - T3	N v N + WSH	Negative	0.179	-0.147	0.506	0.282	0.279
Neopterin - T3	N v N + WSH	Positive	-0.034	-0.255	0.187	0.765	0.279

Outcome	Contrast	Subgroup	Unadj. diff.	Lower 95% CI	Upper 95% CI	P- value	Interaction P-value
Myeloperoxidase - T3	Control v WSH	Negative	0.701	0.283	1.119	0.001	0.009
Myeloperoxidase - T3	Control v WSH	Positive	0.072	-0.135	0.278	0.497	0.009
Myeloperoxidase - T3	Control v N	Negative	0.656	0.259	1.053	0.001	0.034
Myeloperoxidase - T3	Control v N	Positive	0.175	-0.066	0.417	0.155	0.034
Myeloperoxidase - T3	Control v N + WSH	Negative	0.574	0.106	1.043	0.016	0.051
Myeloperoxidase - T3	Control v N + WSH	Positive	0.065	-0.156	0.286	0.564	0.051
Myeloperoxidase - T3	WSH v N + WSH	Negative	-0.126	-0.499	0.246	0.507	0.542
Myeloperoxidase - T3	WSH v N + WSH	Positive	-0.006	-0.212	0.199	0.951	0.542
Myeloperoxidase - T3	N v N + WSH	Negative	-0.081	-0.383	0.220	0.597	0.859
Myeloperoxidase - T3	N v N + WSH	Positive	-0.110	-0.306	0.086	0.270	0.859
Alpha-1 antitrypsin - T3	Control v WSH	Negative	0.122	-0.292	0.536	0.563	0.960
Alpha-1 antitrypsin - T3	Control v WSH	Positive	0.109	-0.095	0.314	0.294	0.960
Alpha-1 antitrypsin - T3	Control v N	Negative	0.160	-0.218	0.539	0.406	0.822
Alpha-1 antitrypsin - T3	Control v N	Positive	0.210	0.023	0.396	0.028	0.822
Alpha-1 antitrypsin - T3	Control v N + WSH	Negative	0.192	-0.220	0.604	0.360	0.742
Alpha-1 antitrypsin - T3	Control v N + WSH	Positive	0.110	-0.094	0.315	0.291	0.742
Alpha-1 antitrypsin - T3	WSH v N + WSH	Negative	0.070	-0.229	0.369	0.645	0.689
Alpha-1 antitrypsin - T3	WSH v N + WSH	Positive	0.001	-0.189	0.191	0.993	0.689
Alpha-1 antitrypsin - T3	N v N + WSH	Negative	0.032	-0.177	0.241	0.765	0.335
Alpha-1 antitrypsin - T3	N v N + WSH	Positive	-0.099	-0.282	0.084	0.287	0.335