Tables and Figures

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

Tables of associations between FUT2 status and growth outcomes (FUT2 as a risk factor)

Child FUT2 status - continous outcomes

	ATE	variance	ci.l	ci.u	Pvalue
LAZ	-0.1022625	0.0007080	-0.1544137	-0.0501114	0.0001214
WHZ	-0.0017655	0.0036528	-0.1202251	0.1166941	0.9766959
WAZ	-0.0608287	0.0006835	-0.1120693	-0.0095880	0.0199786
HCZ	-0.0921536	0.0007928	-0.1473421	-0.0369650	0.0010649

Child FUT2 status - binary outcomes

	RR	ci.l	ci.u	Pvalue	logRR	logRR_var
Stunted	1.147525	1.0618317	1.240134	0.0005106	0.1376073	0.0015680
Wasted	0.967806	0.7177791	1.304926	0.8300770	-0.0327236	0.0232515
Severe stunted	1.251603	1.0243555	1.529263	0.0281350	0.2244248	0.0104500
Severe wasted	1.168831	0.4758388	2.871068	0.7336751	0.1560040	0.2102316
Underweight	1.060706	0.8820385	1.275564	0.5311609	0.0589345	0.0088565

	RR	ci.l	ci.u	Pvalue	logRR	logRR_var
Severe underweight	1.109469	0.7559163	1.628383	0.5956724	0.1038813	0.0383252

Maternal FUT2 status - continous outcomes

	ATE	variance	ci.l	ci.u	Pvalue
LAZ	0.0174834	0.0034271	-0.0972570	0.1322239	0.7652053
WHZ	0.0357816	0.0034834	-0.0798987	0.1514618	0.5443447
WAZ	0.0388871	0.0039720	-0.0846389	0.1624132	0.5372177
HCZ	-0.0001442	0.0035349	-0.1166767	0.1163883	0.9980646

Maternal FUT2 status - binary outcomes

	RR	ci.l	ci.u	Pvalue	logRR	logRR_var
Stunted	0.9929069	0.8159396	1.208256	0.9433370	-0.0071184	0.0100303
Wasted	0.9833847	0.6570670	1.471761	0.9350886	-0.0167549	0.0423214
Severe stunted	1.0309555	0.5975116	1.778826	0.9127712	0.0304860	0.0774508
Severe wasted	0.6954778	0.2409768	2.007203	0.5018633	-0.3631563	0.2924262
Underweight	0.9518997	0.7721052	1.173562	0.6444073	-0.0492956	0.0114074
Severe underweight	0.9551062	0.4885621	1.867169	0.8931662	-0.0459327	0.1169765

Tables of associations between FUT2 status and EED outcomes (FUT2 as a risk factor)

Child FUT2 status

	ATE	variance	ci.l	ci.u	Pvalue
Lactulose	-0.0634896	0.0031853	-0.1741083	0.0471290	0.2606132
Mannitol	-0.0349774	0.0024808	-0.1326000	0.0626452	0.4825213
L/M ratio	-0.0366246	0.0015308	-0.1133102	0.0400610	0.3492292
Neopterin	-0.0102204	0.0024759	-0.1077471	0.0873064	0.8372602
Myeloperoxidase	-0.0948974	0.0005396	-0.1404256	-0.0493691	0.0000440
Alpha-1 antitrypsin	-0.0162251	0.0028330	-0.1205488	0.0880985	0.7604936
Regenerating gene 1B	-0.0292279	0.0050052	-0.1678930	0.1094372	0.6795113

Maternal FUT2 status

	ATE	variance	ci.l	ci.u	Pvalue
Lactulose	-0.0333745	0.0031940	-0.1441454	0.0773963	0.5548318
Mannitol	0.0178678	0.0018779	-0.0670688	0.1028045	0.6801065
L/M ratio	-0.0589509	0.0003434	-0.0952718	-0.0226300	0.0014667
Neopterin	-0.0423981	0.0042067	-0.1695215	0.0847254	0.5133073
Myeloperoxidase	-0.1040627	0.0005028	-0.1480123	-0.0601130	0.0000035
Alpha-1 antitrypsin	0.0171365	0.0018343	-0.0668089	0.1010819	0.6890745

	ATE	variance	ci.l	ci.u	Pvalue
Regenerating gene 1B	0.0460505	0.0070505	-0.1185254	0.2106265	0.5833937

Tables of associations between FUT2 status and growth outcomes (FUT2 as a risk factor) - Stratified by measurement round

Child FUT2 status - continous outcomes

	ATE	variance	ci.l	ci.u	Pvalue
LAZ - T1	-0.1700329	0.0016795	-0.2503570	-0.0897087	0.0000334
LAZ - T2	-0.0825971	0.0010784	-0.1469606	-0.0182336	0.0118948
LAZ - T3	-0.0811478	0.0005450	-0.1269044	-0.0353912	0.0005090
WHZ - T1	0.0875441	0.0086071	-0.0942936	0.2693818	0.3453617
WHZ - T2	-0.0183900	0.0050050	-0.1570516	0.1202715	0.7949056
WHZ - T3	-0.0388724	0.0041543	-0.1652017	0.0874568	0.5464381
WAZ - T1	-0.0591207	0.0081142	-0.2356754	0.1174339	0.5116172
WAZ - T2	-0.0676949	0.0057268	-0.2160188	0.0806290	0.3710318
WAZ - T3	-0.0700906	0.0007250	-0.1228638	-0.0173175	0.0092365
HCZ - T1	-0.0710390	0.0091471	-0.2584946	0.1164167	0.4576210
HCZ - T2	-0.1055704	0.0010256	-0.1683401	-0.0428007	0.0009791
HCZ - T3	-0.1212515	0.0008330	-0.1778202	-0.0646829	0.0000266

Child FUT2 status - binary outcomes

	RR	ci.l	ci.u	Pvalue	logRR	logRR__var
Stunted - T1	1.1960305	1.0278952	1.391668	0.0205605	0.1790082	0.0059743
Stunted - T2	1.1052832	1.0055223	1.214942	0.0380692	0.1001016	0.0023293
Stunted - T3	1.1426500	1.0635763	1.227602	0.0002678	0.1333501	0.0013387
Wasted - T1	0.8986896	0.4219591	1.914032	0.7818387	-0.1068176	0.1487871
Wasted - T2	0.8730463	0.5898019	1.292315	0.4974648	-0.1357667	0.0400412
Wasted - T3	1.1427281	0.8023481	1.627508	0.4596206	0.1334185	0.0325529
Severe stunted - T1	1.4305864	0.7842308	2.609662	0.2429958	0.3580844	0.0940662
Severe stunted - T2	0.8881325	0.4631681	1.703009	0.7209708	-0.1186343	0.1103293
Severe stunted - T3	1.5018117	1.2404798	1.818198	0.0000305	0.4066722	0.0095136
Severe wasted - T1	0.0000000	0.0000000	0.000000	0.0000000	-17.5779084	0.0556062
Severe wasted - T2	0.7305009	0.2811083	1.898313	0.5192532	-0.3140248	0.2374029
Severe wasted - T3	1.8162715	0.4537844	7.269625	0.3990158	0.5967858	0.5007143
Underweight - T1	0.9101949	0.6218160	1.332315	0.6283523	-0.0940965	0.0377895
Underweight - T2	1.0602006	0.8339613	1.347815	0.6331089	0.0584581	0.0149970
Underweight - T3	1.0940829	1.0019592	1.194677	0.0451113	0.0899165	0.0020140
Severe underweight - T1	1.2527789	0.6979367	2.248706	0.4502022	0.2253642	0.0890812
Severe underweight - T2	1.2527957	0.7284083	2.154694	0.4152949	0.2253776	0.0765457
Severe underweight - T3	1.0367090	0.6556755	1.639173	0.8774259	0.0360513	0.0546368

Maternal FUT2 status - continous outcomes

	ATE	variance	ci.l	ci.u	Pvalue
LAZ - T1	0.0107361	0.0098359	-0.1836493	0.2051215	0.9137951
LAZ - T2	0.0249523	0.0047127	-0.1095992	0.1595039	0.7162475
LAZ - T3	0.0257930	0.0032099	-0.0852524	0.1368384	0.6489241
WHZ - T1	0.1006723	0.0186281	-0.1668381	0.3681828	0.4607529
WHZ - T2	0.0513736	0.0052538	-0.0906933	0.1934404	0.4784694
WHZ - T3	-0.0106861	0.0029685	-0.1174745	0.0961023	0.8445059
WAZ - T1	0.1251840	0.0016350	0.0459322	0.2044358	0.0019618
WAZ - T2	0.0316655	0.0059737	-0.1198228	0.1831538	0.6820279
WAZ - T3	-0.0051586	0.0035175	-0.1214032	0.1110860	0.9306880
HCZ - T1	0.1083050	0.0086139	-0.0736047	0.2902148	0.2432344
HCZ - T2	0.0166043	0.0068036	-0.1450648	0.1782734	0.8404619
HCZ - T3	-0.0239415	0.0037764	-0.1443878	0.0965048	0.6968360

Maternal FUT2 status - binary outcomes

	RR	ci.l	ci.u	Pvalue	logRR	logRR_var
Stunted - T1	0.9372042	0.6944300	1.264853	0.6715791	-0.0648540	0.0233981
Stunted - T2	1.0396574	0.8024542	1.346977	0.7684947	0.0388913	0.0174579
Stunted - T3	0.9793433	0.8195815	1.170248	0.8183059	-0.0208731	0.0082558
Wasted - T1	0.7870391	0.3757886	1.648348	0.5254715	-0.2394774	0.1422564
Wasted - T2	0.9065636	0.5634380	1.458648	0.6860265	-0.0980941	0.0588815
Wasted - T3	1.1076109	0.7562773	1.622159	0.5995696	0.1022054	0.0378963
Severe stunted - T1	0.8833677	0.4195416	1.859979	0.7440847	-0.1240138	0.1443142
Severe stunted - T2	0.7142517	0.2434199	2.095784	0.5400505	-0.3365198	0.3016293
Severe stunted - T3	1.1541951	0.7557848	1.762627	0.5067937	0.1434033	0.0466652
Severe wasted - T1	0.0991807	0.0078801	1.248319	0.0737196	-2.3108116	1.6696452
Severe wasted - T2	0.7257694	0.1879269	2.802904	0.6419703	-0.3205230	0.4752408
Severe wasted - T3	1.0684043	0.2500010	4.565932	0.9288536	0.0661662	0.5491539
Underweight - T1	0.8941907	0.5936854	1.346803	0.5925160	-0.1118362	0.0436660
Underweight - T2	0.9533313	0.7396653	1.228719	0.7120254	-0.0477928	0.0167629
Underweight - T3	1.0088499	0.8446634	1.204951	0.9225497	0.0088109	0.0082132
Severe underweight - T1	1.0691421	0.4374912	2.612772	0.8834093	0.0668565	0.2078407
Severe underweight - T2	0.8752231	0.3426902	2.235300	0.7805583	-0.1332765	0.2288606
Severe underweight - T3	1.0313539	0.5940407	1.790603	0.9126608	0.0308724	0.0792250

Tables of associations between FUT2 status and EED outcomes (FUT2 as a risk factor) - Stratified by measurement round

Child FUT2 status

	ATE	variance	ci.l	ci.u	Pvalue
Lactulose - T1	-0.0855152	0.0102680	-0.2841241	0.1130938	0.3987151
Mannitol - T1	-0.0891884	0.0068787	-0.2517470	0.0733702	0.2822131
L/M ratio - T1	-0.0102718	0.0025285	-0.1088282	0.0882847	0.8381384
Lactulose - T2	-0.0303421	0.0083112	-0.2090267	0.1483425	0.7392674
Mannitol - T2	0.0044476	0.0068196	-0.1574107	0.1663059	0.9570483
L/M ratio - T2	-0.0240442	0.0046644	-0.1579045	0.1098160	0.7247940

	ATE	variance	ci.l	ci.u	Pvalue
Lactulose - T3	-0.1090904	0.0058661	-0.2592083	0.0410276	0.1543516
Mannitol - T3	-0.0302421	0.0039793	-0.1538819	0.0933977	0.6316451
L/M ratio - T3	-0.0452021	0.0021296	-0.1356515	0.0452474	0.3273284
Neopterin - T1	0.0439914	0.0060456	-0.1084055	0.1963884	0.5715433
Myeloperoxidase - T1	0.0178856	0.0158672	-0.2290062	0.2647774	0.8870892
Alpha-1 antitrypsin - T1	0.1845272	0.0015714	0.1068309	0.2622234	0.0000032
Neopterin - T2	-0.0230246	0.0064273	-0.1801588	0.1341095	0.7739623
Myeloperoxidase - T2	-0.1551122	0.0011372	-0.2212075	-0.0890170	0.0000042
Alpha-1 antitrypsin - T2	-0.0693180	0.0059430	-0.2204158	0.0817799	0.3685601
Regenerating gene 1B - T2	-0.0248120	0.0050803	-0.1645127	0.1148887	0.7277558
Neopterin - T3	-0.0110411	0.0063878	-0.1676919	0.1456097	0.8901259
Myeloperoxidase - T3	-0.0885963	0.0061167	-0.2418866	0.0646941	0.2572947
Alpha-1 antitrypsin - T3	-0.0753674	0.0045891	-0.2081440	0.0574093	0.2659037

Maternal FUT2 status

	ATE	variance	ci.l	ci.u	Pvalue
Lactulose - T1	-0.0427865	0.0117997	-0.2556941	0.1701211	0.6936646
Mannitol - T1	-0.0299187	0.0096721	-0.2226784	0.1628410	0.7609633
L/M ratio - T1	-0.0019889	0.0035551	-0.1188537	0.1148759	0.9733901
Lactulose - T2	0.0399391	0.0109543	-0.1652000	0.2450783	0.7027594
Mannitol - T2	0.0685490	0.0119762	-0.1459455	0.2830435	0.5310627
L/M ratio - T2	-0.0319175	0.0061013	-0.1850149	0.1211799	0.6828206
Lactulose - T3	-0.1010328	0.0065939	-0.2601897	0.0581242	0.2134235
Mannitol - T3	0.0271616	0.0032984	-0.0854040	0.1397271	0.6362562
L/M ratio - T3	-0.1160639	0.0006608	-0.1664464	-0.0656813	0.0000063
Neopterin - T1	-0.0127434	0.0104558	-0.2131603	0.1876735	0.9008199
Myeloperoxidase - T1	-0.0140279	0.0174082	-0.2726307	0.2445750	0.9153286
Alpha-1 antitrypsin - T1	0.1605884	0.0021709	0.0692656	0.2519112	0.0005677
Neopterin - T2	-0.0165972	0.0058671	-0.1667270	0.1335327	0.8284563
Myeloperoxidase - T2	-0.2069647	0.0011853	-0.2744426	-0.1394868	0.0000000
Alpha-1 antitrypsin - T2	-0.0941312	0.0009048	-0.1530871	-0.0351753	0.0017516
Regenerating gene 1B - T2	0.0496830	0.0068587	-0.1126394	0.2120054	0.5485670
Neopterin - T3	-0.0825932	0.0087752	-0.2661988	0.1010123	0.3779456
Myeloperoxidase - T3	-0.0552998	0.0045465	-0.1874577	0.0768580	0.4121375
Alpha-1 antitrypsin - T3	0.0690848	0.0039187	-0.0536097	0.1917792	0.2697649

Tables of WASH Benefits intervention effects, stratified by FUT2 status (FUT2 as an effect modifier)

Child FUT2 status

Outcome: Lactulose - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.5447	0.2476	-1.0301	-0.0593	-2.1995	0.0278	0.7216398
Control v WSH	Positive	-0.6384	0.1910	-1.0127	-0.2641	-3.3427	0.0008	0.7216398
Control v N	Negative	-0.4762	0.2765	-1.0182	0.0657	-1.7223	0.0850	0.3843049
Control v N	Positive	-0.7252	0.1754	-1.0690	-0.3813	-4.1333	0.0000	0.3843049
Control v N + WSH	Negative	-0.5252	0.2551	-1.0252	-0.0253	-2.0593	0.0395	0.0975739
Control v N + WSH	Positive	-0.9089	0.1656	-1.2335	-0.5843	-5.4878	0.0000	0.0975739
WSH v N + WSH	Negative	0.0195	0.1692	-0.3121	0.3511	0.1150	0.9084	0.1194199
WSH v N + WSH	Positive	-0.2705	0.1311	-0.5275	-0.0135	-2.0633	0.0391	0.1194199
N v N + WSH	Negative	-0.0490	0.1959	-0.4330	0.3350	-0.2502	0.8025	0.5241081
N v N + WSH	Positive	-0.1837	0.1270	-0.4327	0.0653	-1.4462	0.1481	0.5241081

Outcome: Mannitol - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.6267	0.2440	-1.1049	-0.1485	-2.5688	0.0102	0.7062471
Control v WSH	Positive	-0.7152	0.1570	-1.0229	-0.4075	-4.5559	0.0000	0.7062471
Control v N	Negative	-0.5811	0.2683	-1.1070	-0.0552	-2.1658	0.0303	0.5432822
Control v N	Positive	-0.7328	0.1521	-1.0310	-0.4346	-4.8167	0.0000	0.5432822
Control v N + WSH	Negative	-0.5733	0.2535	-1.0702	-0.0764	-2.2613	0.0237	0.1938414
Control v N + WSH	Positive	-0.8556	0.1544	-1.1583	-0.5530	-5.5410	0.0000	0.1938414
WSH v N + WSH	Negative	0.0534	0.1673	-0.2744	0.3813	0.3196	0.7493	0.2718551
WSH v N + WSH	Positive	-0.1405	0.1170	-0.3698	0.0889	-1.2005	0.2300	0.2718551
N v N + WSH	Negative	0.0078	0.1836	-0.3520	0.3677	0.0426	0.9660	0.4971212
N v N + WSH	Positive	-0.1228	0.1095	-0.3374	0.0917	-1.1222	0.2618	0.4971212

Outcome: L/M ratio - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.0781	0.1164	-0.1501	0.3063	0.6706	0.5025	0.9676085
Control v WSH	Positive	0.0729	0.0902	-0.1039	0.2496	0.8081	0.4190	0.9676085
Control v N	Negative	0.1049	0.1161	-0.1226	0.3324	0.9034	0.3663	0.3813543
Control v N	Positive	0.0037	0.0730	-0.1394	0.1468	0.0506	0.9596	0.3813543
Control v N + WSH	Negative	0.0480	0.0978	-0.1436	0.2397	0.4914	0.6232	0.3195031
Control v N + WSH	Positive	-0.0572	0.0556	-0.1662	0.0519	-1.0278	0.3040	0.3195031
WSH v N + WSH	Negative	-0.0300	0.1156	-0.2566	0.1966	-0.2598	0.7950	0.3999024
WSH v N + WSH	Positive	-0.1301	0.0891	-0.3047	0.0446	-1.4595	0.1444	0.3999024
N v N + WSH	Negative	-0.0568	0.1053	-0.2632	0.1495	-0.5398	0.5893	0.9711974
N v N + WSH	Positive	-0.0609	0.0750	-0.2080	0.0862	-0.8114	0.4171	0.9711974

Outcome: Lactulose - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.2959	0.1849	-0.6584	0.0665	-1.6002	0.1096	0.4033491
Control v WSH	Positive	-0.1312	0.1513	-0.4278	0.1653	-0.8672	0.3858	0.4033491
Control v N	Negative	0.0796	0.1726	-0.2587	0.4180	0.4613	0.6446	0.8019934
Control v N	Positive	0.1276	0.1285	-0.1243	0.3795	0.9930	0.3207	0.8019934
Control v N + WSH	Negative	-0.0731	0.2495	-0.5622	0.4159	-0.2930	0.7695	0.3282961
Control v N + WSH	Positive	0.1866	0.1333	-0.0746	0.4478	1.3999	0.1615	0.3282961
WSH v N + WSH	Negative	0.2228	0.2365	-0.2407	0.6863	0.9421	0.3461	0.7321173
WSH v N + WSH	Positive	0.3178	0.1379	0.0475	0.5881	2.3041	0.0212	0.7321173
N v N + WSH	Negative	-0.1528	0.2368	-0.6168	0.3113	-0.6452	0.5188	0.4351069
N v N + WSH	Positive	0.0590	0.1252	-0.1863	0.3043	0.4712	0.6375	0.4351069

Outcome: Mannitol - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.1476	0.2013	-0.2470	0.5421	0.7329	0.4636	0.9066496
Control v WSH	Positive	0.1245	0.1552	-0.1797	0.4286	0.8022	0.4224	0.9066496
Control v N	Negative	0.2868	0.1985	-0.1023	0.6758	1.4449	0.1485	0.7728353
Control v N	Positive	0.2249	0.1588	-0.0864	0.5361	1.4162	0.1567	0.7728353
Control v N + WSH	Negative	0.2306	0.2244	-0.2093	0.6705	1.0277	0.3041	0.8658495
Control v N + WSH	Positive	0.1907	0.1557	-0.1145	0.4959	1.2246	0.2207	0.8658495
WSH v N + WSH	Negative	0.0831	0.1818	-0.2733	0.4395	0.4570	0.6477	0.9390953
WSH v N + WSH	Positive	0.0662	0.1328	-0.1940	0.3264	0.4986	0.6181	0.9390953
N v N + WSH	Negative	-0.0562	0.2270	-0.5012	0.3888	-0.2473	0.8046	0.9326424
N v N + WSH	Positive	-0.0342	0.1404	-0.3093	0.2409	-0.2438	0.8074	0.9326424

Outcome: L/M ratio - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.4503	0.1539	-0.7519	-0.1487	-2.9265	0.0034	0.2120239
Control v WSH	Positive	-0.2604	0.1072	-0.4705	-0.0503	-2.4288	0.0151	0.2120239
Control v N	Negative	-0.2072	0.1644	-0.5294	0.1151	-1.2600	0.2077	0.5440359
Control v N	Positive	-0.1020	0.1237	-0.3444	0.1404	-0.8246	0.4096	0.5440359
Control v N + WSH	Negative	-0.3038	0.2091	-0.7136	0.1061	-1.4528	0.1463	0.1739986
Control v N + WSH	Positive	-0.0089	0.1034	-0.2116	0.1938	-0.0859	0.9315	0.1739986
WSH v N + WSH	Negative	0.1466	0.1716	-0.1899	0.4830	0.8539	0.3932	0.6020136
WSH v N + WSH	Positive	0.2515	0.1022	0.0512	0.4518	2.4616	0.0138	0.6020136
N v N + WSH	Negative	-0.0966	0.1702	-0.4302	0.2370	-0.5676	0.5703	0.2916177
N v N + WSH	Positive	0.0931	0.0998	-0.1024	0.2886	0.9332	0.3507	0.2916177

Outcome: Lactulose - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.3995	0.1748	0.0569	0.7421	2.2857	0.0223	0.6914790
Control v WSH	Positive	0.3337	0.1346	0.0700	0.5975	2.4799	0.0131	0.6914790
Control v N	Negative	0.0533	0.2087	-0.3558	0.4623	0.2553	0.7985	0.4981971
Control v N	Positive	0.2134	0.1358	-0.0527	0.4794	1.5717	0.1160	0.4981971
Control v N + WSH	Negative	0.1084	0.2159	-0.3147	0.5316	0.5023	0.6155	0.6528578
Control v N + WSH	Positive	0.2073	0.1253	-0.0383	0.4529	1.6546	0.0980	0.6528578
WSH v N + WSH	Negative	-0.2911	0.1915	-0.6664	0.0842	-1.5203	0.1284	0.4072813
WSH v N + WSH	Positive	-0.1264	0.1236	-0.3686	0.1158	-1.0229	0.3064	0.4072813
N v N + WSH	Negative	0.0552	0.1941	-0.3253	0.4356	0.2842	0.7763	0.7742195
N v N + WSH	Positive	-0.0061	0.1291	-0.2591	0.2470	-0.0469	0.9626	0.7742195

Outcome: Mannitol - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.1551	0.1485	-0.1361	0.4462	1.0439	0.2965	0.8285233
Control v WSH	Positive	0.1201	0.1269	-0.1286	0.3688	0.9465	0.3439	0.8285233
Control v N	Negative	-0.1280	0.1479	-0.4180	0.1620	-0.8653	0.3869	0.5789589
Control v N	Positive	-0.0182	0.1270	-0.2670	0.2307	-0.1432	0.8861	0.5789589
Control v N + WSH	Negative	-0.0209	0.1710	-0.3560	0.3143	-0.1220	0.9029	0.9928264
Control v N + WSH	Positive	-0.0225	0.1169	-0.2517	0.2066	-0.1927	0.8472	0.9928264
WSH v N + WSH	Negative	-0.1759	0.1627	-0.4949	0.1430	-1.0811	0.2797	0.8575994
WSH v N + WSH	Positive	-0.1426	0.1134	-0.3649	0.0796	-1.2579	0.2084	0.8575994
N v N + WSH	Negative	0.1072	0.1406	-0.1684	0.3827	0.7623	0.4459	0.5144787
N v N + WSH	Positive	-0.0043	0.0996	-0.1996	0.1909	-0.0436	0.9652	0.5144787

Outcome: L/M ratio - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.2445	0.1297	-0.0098	0.4987	1.8846	0.0595	0.8123231
Control v WSH	Positive	0.2136	0.0935	0.0304	0.3968	2.2857	0.0223	0.8123231
Control v N	Negative	0.1813	0.1570	-0.1264	0.4890	1.1547	0.2482	0.7244877
Control v N	Positive	0.2316	0.0986	0.0383	0.4249	2.3479	0.0189	0.7244877
Control v N + WSH	Negative	0.1293	0.1481	-0.1610	0.4196	0.8730	0.3827	0.4244271
Control v N + WSH	Positive	0.2298	0.0931	0.0474	0.4123	2.4686	0.0136	0.4244271
WSH v N + WSH	Negative	-0.1152	0.1166	-0.3438	0.1134	-0.9876	0.3233	0.3574782
WSH v N + WSH	Positive	0.0162	0.0766	-0.1339	0.1663	0.2118	0.8323	0.3574782
N v N + WSH	Negative	-0.0520	0.1216	-0.2904	0.1864	-0.4275	0.6690	0.7022625
N v N + WSH	Positive	-0.0017	0.0747	-0.1481	0.1446	-0.0229	0.9817	0.7022625

Outcome: Neopterin - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.0887	0.1846	-0.4505	0.2732	-0.4804	0.6309	0.9632370
Control v WSH	Positive	-0.0797	0.0958	-0.2674	0.1080	-0.8321	0.4054	0.9632370
Control v N	Negative	-0.2056	0.2116	-0.6205	0.2092	-0.9716	0.3313	0.6482070
Control v N	Positive	-0.1096	0.0864	-0.2790	0.0597	-1.2693	0.2043	0.6482070
Control v N + WSH	Negative	-0.1514	0.1806	-0.5054	0.2026	-0.8384	0.4018	0.6493702
Control v N + WSH	Positive	-0.2333	0.0840	-0.3978	-0.0687	-2.7788	0.0055	0.6493702
WSH v N + WSH	Negative	-0.0627	0.1514	-0.3595	0.2341	-0.4141	0.6788	0.6058886
WSH v N + WSH	Positive	-0.1536	0.0907	-0.3313	0.0241	-1.6939	0.0903	0.6058886
N v N + WSH	Negative	0.0542	0.1898	-0.3178	0.4262	0.2857	0.7751	0.3490301
N v N + WSH	Positive	-0.1236	0.0959	-0.3117	0.0644	-1.2889	0.1974	0.3490301

Outcome: Myeloperoxidase - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.1354	0.2142	-0.5552	0.2843	-0.6324	0.5271	0.4320572
Control v WSH	Positive	0.0407	0.1361	-0.2260	0.3075	0.2993	0.7647	0.4320572
Control v N	Negative	0.2581	0.2513	-0.2344	0.7506	1.0273	0.3043	0.8840843
Control v N	Positive	0.2143	0.1456	-0.0710	0.4997	1.4723	0.1409	0.8840843
Control v N + WSH	Negative	0.0955	0.2073	-0.3107	0.5018	0.4608	0.6449	0.2812088
Control v N + WSH	Positive	-0.1631	0.1484	-0.4540	0.1277	-1.0994	0.2716	0.2812088
WSH v N + WSH	Negative	0.2309	0.2188	-0.1979	0.6598	1.0555	0.2912	0.0972486
WSH v N + WSH	Positive	-0.2039	0.1605	-0.5185	0.1108	-1.2699	0.2041	0.0972486
N v N + WSH	Negative	-0.1626	0.2816	-0.7145	0.3893	-0.5774	0.5637	0.4786672
N v N + WSH	Positive	-0.3775	0.1296	-0.6314	-0.1236	-2.9137	0.0036	0.4786672

Outcome: Alpha-1 antitrypsin - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.0782	0.2308	-0.5305	0.3742	-0.3388	0.7348	0.9837831
Control v WSH	Positive	-0.0727	0.1513	-0.3692	0.2239	-0.4803	0.6310	0.9837831
Control v N	Negative	-0.0447	0.2544	-0.5433	0.4540	-0.1757	0.8606	0.9035134
Control v N	Positive	-0.0109	0.1381	-0.2816	0.2599	-0.0786	0.9373	0.9035134
Control v N + WSH	Negative	-0.2344	0.2318	-0.6887	0.2200	-1.0109	0.3121	0.4996951
Control v N + WSH	Positive	-0.0837	0.1298	-0.3382	0.1707	-0.6448	0.5191	0.4996951
WSH v N + WSH	Negative	-0.1562	0.1990	-0.5462	0.2338	-0.7849	0.4325	0.5325140
WSH v N + WSH	Positive	-0.0110	0.1266	-0.2592	0.2371	-0.0872	0.9305	0.5325140
N v N + WSH	Negative	-0.1897	0.2764	-0.7314	0.3521	-0.6862	0.4926	0.6831948
N v N + WSH	Positive	-0.0728	0.1226	-0.3131	0.1674	-0.5944	0.5523	0.6831948

Outcome: Neopterin - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.1924	0.1791	-0.5434	0.1586	-1.0744	0.2826	0.3489090
Control v WSH	Positive	-0.0178	0.1210	-0.2550	0.2195	-0.1468	0.8833	0.3489090
Control v N	Negative	-0.1819	0.1871	-0.5486	0.1847	-0.9724	0.3308	0.9929696
Control v N	Positive	-0.1803	0.1060	-0.3880	0.0274	-1.7011	0.0889	0.9929696
Control v N + WSH	Negative	-0.1072	0.1713	-0.4430	0.2285	-0.6261	0.5313	0.7217598
Control v N + WSH	Positive	-0.1729	0.0972	-0.3634	0.0177	-1.7783	0.0753	0.7217598
WSH v N + WSH	Negative	0.0852	0.1446	-0.1983	0.3687	0.5888	0.5560	0.1482339
WSH v N + WSH	Positive	-0.1551	0.0995	-0.3501	0.0398	-1.5598	0.1188	0.1482339
N v N + WSH	Negative	0.0747	0.1264	-0.1731	0.3224	0.5907	0.5547	0.6873535
N v N + WSH	Positive	0.0074	0.0819	-0.1532	0.1680	0.0900	0.9283	0.6873535

Outcome: Myeloperoxidase - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.3901	0.1695	0.0579	0.7222	2.3014	0.0214	0.0242606
Control v WSH	Positive	-0.0319	0.1141	-0.2554	0.1917	-0.2795	0.7799	0.0242606
Control v N	Negative	0.0897	0.2115	-0.3248	0.5042	0.4242	0.6714	0.3542485
Control v N	Positive	-0.1246	0.1143	-0.3486	0.0995	-1.0893	0.2760	0.3542485
Control v N + WSH	Negative	0.3376	0.1955	-0.0456	0.7208	1.7266	0.0842	0.0616818
Control v N + WSH	Positive	-0.0908	0.0970	-0.2809	0.0994	-0.9356	0.3495	0.0616818
WSH v N + WSH	Negative	-0.0525	0.1661	-0.3781	0.2732	-0.3158	0.7521	0.9752965
WSH v N + WSH	Positive	-0.0589	0.1043	-0.2634	0.1456	-0.5645	0.5724	0.9752965
N v N + WSH	Negative	0.2479	0.1882	-0.1209	0.6167	1.3173	0.1877	0.2953870
N v N + WSH	Positive	0.0338	0.1038	-0.1697	0.2372	0.3254	0.7449	0.2953870

Outcome: Alpha-1 antitrypsin - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.1071	0.1703	-0.4410	0.2267	-0.6289	0.5294	0.4844496
Control v WSH	Positive	0.0121	0.0986	-0.1812	0.2054	0.1230	0.9021	0.4844496
Control v N	Negative	-0.2344	0.1805	-0.5882	0.1194	-1.2987	0.1940	0.4962520
Control v N	Positive	-0.0963	0.1071	-0.3061	0.1136	-0.8991	0.3686	0.4962520
Control v N + WSH	Negative	-0.0764	0.1540	-0.3782	0.2254	-0.4960	0.6199	0.5265504
Control v N + WSH	Positive	0.0283	0.0982	-0.1642	0.2208	0.2879	0.7734	0.5265504
WSH v N + WSH	Negative	0.0307	0.1340	-0.2319	0.2934	0.2294	0.8185	0.9307230
WSH v N + WSH	Positive	0.0162	0.0959	-0.1718	0.2041	0.1685	0.8662	0.9307230
N v N + WSH	Negative	0.1580	0.1338	-0.1043	0.4204	1.1808	0.2377	0.8562887
N v N + WSH	Positive	0.1246	0.1028	-0.0770	0.3261	1.2115	0.2257	0.8562887

Outcome: Regenerating gene 1B - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.0099	0.2351	-0.4509	0.4707	0.0420	0.9665	0.9698092
Control v WSH	Positive	0.0003	0.1011	-0.1979	0.1986	0.0034	0.9973	0.9698092
Control v N	Negative	0.1325	0.1797	-0.2197	0.4847	0.7374	0.4609	0.1684054
Control v N	Positive	-0.1479	0.1106	-0.3646	0.0688	-1.3379	0.1809	0.1684054
Control v N + WSH	Negative	0.2080	0.1845	-0.1536	0.5695	1.1276	0.2595	0.2160437
Control v N + WSH	Positive	-0.0595	0.1059	-0.2670	0.1480	-0.5622	0.5740	0.2160437
WSH v N + WSH	Negative	0.1981	0.1819	-0.1585	0.5547	1.0889	0.2762	0.1961036
WSH v N + WSH	Positive	-0.0599	0.1084	-0.2724	0.1527	-0.5521	0.5809	0.1961036
N v N + WSH	Negative	0.0755	0.1083	-0.1368	0.2878	0.6970	0.4858	0.9405044
N v N + WSH	Positive	0.0884	0.1156	-0.1381	0.3149	0.7647	0.4444	0.9405044

Outcome: Neopterin - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.2920	0.1739	-0.6327	0.0488	-1.6795	0.0931	0.0946497
Control v WSH	Positive	0.0231	0.1067	-0.1859	0.2322	0.2170	0.8282	0.0946497
Control v N	Negative	0.0415	0.1684	-0.2885	0.3715	0.2464	0.8053	0.1933511
Control v N	Positive	-0.1912	0.1327	-0.4513	0.0689	-1.4410	0.1496	0.1933511
Control v N + WSH	Negative	-0.0125	0.1743	-0.3541	0.3292	-0.0715	0.9430	0.3675236
Control v N + WSH	Positive	-0.1893	0.1174	-0.4194	0.0408	-1.6123	0.1069	0.3675236
WSH v N + WSH	Negative	0.2795	0.1504	-0.0153	0.5743	1.8586	0.0631	0.0060481
WSH v N + WSH	Positive	-0.2125	0.0982	-0.4049	-0.0200	-2.1640	0.0305	0.0060481
N v N + WSH	Negative	-0.0540	0.1396	-0.3276	0.2196	-0.3866	0.6991	0.7442133
N v N + WSH	Positive	0.0019	0.1088	-0.2113	0.2151	0.0175	0.9860	0.7442133

Outcome: Myeloperoxidase - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.5018	0.1827	0.1438	0.8598	2.7472	0.0060	0.1035197
Control v WSH	Positive	0.1544	0.1102	-0.0616	0.3705	1.4008	0.1613	0.1035197
Control v N	Negative	0.3431	0.1813	-0.0122	0.6985	1.8926	0.0584	0.6533400
Control v N	Positive	0.2491	0.1233	0.0075	0.4906	2.0207	0.0433	0.6533400
Control v N + WSH	Negative	0.4404	0.2039	0.0409	0.8400	2.1604	0.0307	0.1463187
Control v N + WSH	Positive	0.1043	0.1095	-0.1104	0.3189	0.9522	0.3410	0.1463187
WSH v N + WSH	Negative	-0.0613	0.1718	-0.3981	0.2754	-0.3571	0.7210	0.9529439
WSH v N + WSH	Positive	-0.0501	0.0984	-0.2429	0.1427	-0.5096	0.6104	0.9529439
N v N + WSH	Negative	0.0973	0.1820	-0.2593	0.4539	0.5347	0.5928	0.2406751
N v N + WSH	Positive	-0.1448	0.0980	-0.3369	0.0474	-1.4769	0.1397	0.2406751

Outcome: Alpha-1 antitrypsin - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.0790	0.2159	-0.3441	0.5021	0.3657	0.7146	0.9744857
Control v WSH	Positive	0.0868	0.0947	-0.0988	0.2725	0.9168	0.3592	0.9744857
Control v N	Negative	0.1596	0.1709	-0.1753	0.4945	0.9343	0.3501	0.9882343
Control v N	Positive	0.1567	0.0935	-0.0267	0.3400	1.6748	0.0940	0.9882343
Control v N + WSH	Negative	0.3148	0.1755	-0.0292	0.6589	1.7938	0.0728	0.2306823
Control v N + WSH	Positive	0.0628	0.1006	-0.1344	0.2600	0.6244	0.5324	0.2306823
WSH v N + WSH	Negative	0.2359	0.1695	-0.0964	0.5681	1.3916	0.1641	0.1640371
WSH v N + WSH	Positive	-0.0240	0.0730	-0.1671	0.1191	-0.3288	0.7423	0.1640371
N v N + WSH	Negative	0.1552	0.1319	-0.1034	0.4138	1.1765	0.2394	0.1110664
N v N + WSH	Positive	-0.0939	0.0790	-0.2486	0.0609	-1.1885	0.2346	0.1110664

Maternal FUT2 status

Outcome: Lactulose - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.5643	0.2708	-1.0950	-0.0336	-2.0841	0.0372	0.7344382
Control v WSH	Positive	-0.6607	0.2139	-1.0798	-0.2415	-3.0893	0.0020	0.7344382
Control v N	Negative	-0.5563	0.2591	-1.0641	-0.0485	-2.1473	0.0318	0.6892619
Control v N	Positive	-0.6651	0.2023	-1.0616	-0.2685	-3.2870	0.0010	0.6892619
Control v N + WSH	Negative	-0.4897	0.2743	-1.0274	0.0480	-1.7852	0.0742	0.0873073
Control v N + WSH	Positive	-0.9063	0.1851	-1.2692	-0.5435	-4.8960	0.0000	0.0873073
WSH v N + WSH	Negative	0.0746	0.1887	-0.2952	0.4444	0.3952	0.6927	0.1896410
WSH v N + WSH	Positive	-0.2457	0.1665	-0.5719	0.0806	-1.4759	0.1400	0.1896410
N v N + WSH	Negative	0.0666	0.1767	-0.2799	0.4130	0.3765	0.7065	0.2019183
N v N + WSH	Positive	-0.2413	0.1675	-0.5695	0.0869	-1.4409	0.1496	0.2019183

Outcome: Mannitol - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.6106	0.2616	-1.1234	-0.0978	-2.3337	0.0196	0.7186053
Control v WSH	Positive	-0.7005	0.1753	-1.0441	-0.3570	-3.9964	0.0001	0.7186053
Control v N	Negative	-0.5782	0.2464	-1.0612	-0.0952	-2.3462	0.0190	0.6551987
Control v N	Positive	-0.6825	0.1708	-1.0173	-0.3477	-3.9960	0.0001	0.6551987
Control v N + WSH	Negative	-0.5658	0.2862	-1.1268	-0.0048	-1.9768	0.0481	0.3072725
Control v N + WSH	Positive	-0.8114	0.1590	-1.1231	-0.4996	-5.1014	0.0000	0.3072725
WSH v N + WSH	Negative	0.0448	0.1741	-0.2964	0.3860	0.2574	0.7969	0.4596647
WSH v N + WSH	Positive	-0.1108	0.1446	-0.3943	0.1726	-0.7664	0.4434	0.4596647
N v N + WSH	Negative	0.0124	0.1797	-0.3397	0.3646	0.0690	0.9450	0.5458309
N v N + WSH	Positive	-0.1289	0.1404	-0.4040	0.1463	-0.9178	0.3587	0.5458309

Outcome: L/M ratio - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.0463	0.1502	-0.2480	0.3406	0.3082	0.7579	0.9409802
Control v WSH	Positive	0.0337	0.0842	-0.1313	0.1987	0.4003	0.6890	0.9409802
Control v N	Negative	0.0219	0.0964	-0.1671	0.2109	0.2270	0.8204	0.9365952
Control v N	Positive	0.0126	0.1063	-0.1958	0.2209	0.1183	0.9058	0.9365952
Control v N + WSH	Negative	0.0760	0.0982	-0.1164	0.2685	0.7746	0.4386	0.1191678
Control v N + WSH	Positive	-0.0998	0.0609	-0.2192	0.0195	-1.6402	0.1010	0.1191678
WSH v N + WSH	Negative	0.0298	0.1488	-0.2619	0.3214	0.2000	0.8415	0.3238768
WSH v N + WSH	Positive	-0.1335	0.0844	-0.2990	0.0319	-1.5818	0.1137	0.3238768
N v N + WSH	Negative	0.0542	0.1046	-0.1509	0.2592	0.5176	0.6047	0.1592631
N v N + WSH	Positive	-0.1124	0.1060	-0.3202	0.0954	-1.0604	0.2889	0.1592631

Outcome: Lactulose - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.1854	0.2499	-0.6752	0.3043	-0.7421	0.4580	0.9251181
Control v WSH	Positive	-0.2124	0.1535	-0.5133	0.0885	-1.3838	0.1664	0.9251181
Control v N	Negative	0.1379	0.2240	-0.3012	0.5769	0.6155	0.5382	0.8292821
Control v N	Positive	0.0757	0.1380	-0.1949	0.3463	0.5484	0.5834	0.8292821
Control v N + WSH	Negative	0.0302	0.2832	-0.5249	0.5852	0.1065	0.9152	0.4886478
Control v N + WSH	Positive	0.2651	0.1394	-0.0081	0.5383	1.9016	0.0572	0.4886478
WSH v N + WSH	Negative	0.2156	0.2145	-0.2048	0.6360	1.0050	0.3149	0.2464987
WSH v N + WSH	Positive	0.4775	0.1312	0.2204	0.7346	3.6399	0.0003	0.2464987
N v N + WSH	Negative	-0.1077	0.2226	-0.5440	0.3286	-0.4839	0.6284	0.2796457
N v N + WSH	Positive	0.1894	0.1398	-0.0846	0.4633	1.3548	0.1755	0.2796457

Outcome: Mannitol - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.2047	0.2463	-0.2780	0.6875	0.8312	0.4059	0.6473374
Control v WSH	Positive	0.0713	0.1626	-0.2474	0.3900	0.4386	0.6609	0.6473374
Control v N	Negative	0.3458	0.2311	-0.1072	0.7987	1.4963	0.1346	0.5717661
Control v N	Positive	0.1793	0.1617	-0.1376	0.4963	1.1090	0.2675	0.5717661
Control v N + WSH	Negative	0.1721	0.2723	-0.3616	0.7057	0.6320	0.5274	0.8649379
Control v N + WSH	Positive	0.2295	0.1581	-0.0804	0.5395	1.4517	0.1466	0.8649379
WSH v N + WSH	Negative	-0.0327	0.2204	-0.4646	0.3993	-0.1482	0.8822	0.4410048
WSH v N + WSH	Positive	0.1582	0.1337	-0.1038	0.4203	1.1834	0.2367	0.4410048
N v N + WSH	Negative	-0.1737	0.2359	-0.6361	0.2887	-0.7363	0.4616	0.4461635
N v N + WSH	Positive	0.0502	0.1584	-0.2603	0.3607	0.3169	0.7513	0.4461635

Outcome: L/M ratio - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.3901	0.1512	-0.6866	-0.0937	-2.5795	0.0099	0.5783317
Control v WSH	Positive	-0.2891	0.1119	-0.5084	-0.0697	-2.5831	0.0098	0.5783317
Control v N	Negative	-0.2079	0.1629	-0.5272	0.1114	-1.2760	0.2019	0.6029234
Control v N	Positive	-0.1090	0.1322	-0.3680	0.1501	-0.8246	0.4096	0.6029234
Control v N + WSH	Negative	-0.1419	0.1928	-0.5197	0.2359	-0.7362	0.4616	0.4384789
Control v N + WSH	Positive	0.0303	0.1136	-0.1924	0.2530	0.2666	0.7897	0.4384789
WSH v N + WSH	Negative	0.2482	0.1836	-0.1117	0.6082	1.3518	0.1764	0.7288984
WSH v N + WSH	Positive	0.3194	0.1026	0.1184	0.5204	3.1142	0.0018	0.7288984
N v N + WSH	Negative	0.0660	0.1775	-0.2820	0.4140	0.3717	0.7101	0.7121793
N v N + WSH	Positive	0.1393	0.1185	-0.0929	0.3715	1.1756	0.2398	0.7121793

Outcome: Lactulose - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.3279	0.2296	-0.1220	0.7778	1.4285	0.1531	0.9455455
Control v WSH	Positive	0.3111	0.1362	0.0441	0.5780	2.2840	0.0224	0.9455455
Control v N	Negative	0.3877	0.2580	-0.1179	0.8932	1.5028	0.1329	0.4313932
Control v N	Positive	0.1777	0.1212	-0.0600	0.4153	1.4655	0.1428	0.4313932
Control v N + WSH	Negative	0.1655	0.2188	-0.2635	0.5944	0.7560	0.4496	0.7596665
Control v N + WSH	Positive	0.2444	0.1491	-0.0479	0.5367	1.6389	0.1012	0.7596665
WSH v N + WSH	Negative	-0.1625	0.1944	-0.5435	0.2186	-0.8357	0.4033	0.6488333
WSH v N + WSH	Positive	-0.0666	0.1277	-0.3169	0.1836	-0.5218	0.6018	0.6488333
N v N + WSH	Negative	-0.2222	0.1979	-0.6100	0.1657	-1.1229	0.2615	0.1708310
N v N + WSH	Positive	0.0667	0.1389	-0.2055	0.3390	0.4804	0.6309	0.1708310

Outcome: Mannitol - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.1323	0.1902	-0.2404	0.5051	0.6958	0.4866	0.8916563
Control v WSH	Positive	0.1592	0.1176	-0.0713	0.3897	1.3535	0.1759	0.8916563
Control v N	Negative	0.0661	0.1803	-0.2873	0.4195	0.3664	0.7141	0.7930583
Control v N	Positive	0.0157	0.1117	-0.2032	0.2347	0.1409	0.8879	0.7930583
Control v N + WSH	Negative	-0.0161	0.1740	-0.3571	0.3249	-0.0924	0.9264	0.5464048
Control v N + WSH	Positive	0.0924	0.1209	-0.1446	0.3293	0.7640	0.4449	0.5464048
WSH v N + WSH	Negative	-0.1484	0.1682	-0.4780	0.1812	-0.8825	0.3775	0.6648069
WSH v N + WSH	Positive	-0.0668	0.1195	-0.3011	0.1675	-0.5591	0.5761	0.6648069
N v N + WSH	Negative	-0.0821	0.1250	-0.3271	0.1628	-0.6572	0.5111	0.3357992
N v N + WSH	Positive	0.0766	0.1201	-0.1588	0.3120	0.6378	0.5236	0.3357992

Outcome: L/M ratio - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.1956	0.1640	-0.1259	0.5171	1.1924	0.2331	0.7974296
Control v WSH	Positive	0.1519	0.0939	-0.0323	0.3360	1.6166	0.1060	0.7974296
Control v N	Negative	0.3216	0.1929	-0.0564	0.6996	1.6674	0.0954	0.4029469
Control v N	Positive	0.1619	0.1002	-0.0344	0.3583	1.6162	0.1060	0.4029469
Control v N + WSH	Negative	0.1815	0.1806	-0.1725	0.5355	1.0051	0.3149	0.8679831
Control v N + WSH	Positive	0.1521	0.1023	-0.0485	0.3526	1.4864	0.1372	0.8679831
WSH v N + WSH	Negative	-0.0141	0.1201	-0.2494	0.2213	-0.1172	0.9067	0.9027709
WSH v N + WSH	Positive	0.0002	0.0785	-0.1536	0.1540	0.0025	0.9980	0.9027709
N v N + WSH	Negative	-0.1401	0.1420	-0.4185	0.1383	-0.9861	0.3241	0.3145680
N v N + WSH	Positive	-0.0099	0.0729	-0.1528	0.1331	-0.1353	0.8924	0.3145680

Outcome: Neopterin - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.1604	0.2148	-0.5815	0.2606	-0.7468	0.4552	0.8172802
Control v WSH	Positive	-0.1089	0.0745	-0.2548	0.0371	-1.4622	0.1437	0.8172802
Control v N	Negative	-0.3766	0.1725	-0.7148	-0.0385	-2.1829	0.0290	0.2561547
Control v N	Positive	-0.1667	0.0996	-0.3620	0.0286	-1.6733	0.0943	0.2561547
Control v N + WSH	Negative	-0.3493	0.2014	-0.7440	0.0454	-1.7344	0.0828	0.6462978
Control v N + WSH	Positive	-0.2591	0.0870	-0.4295	-0.0886	-2.9792	0.0029	0.6462978
WSH v N + WSH	Negative	-0.1888	0.1752	-0.5323	0.1546	-1.0777	0.2812	0.8537949
WSH v N + WSH	Positive	-0.1502	0.0955	-0.3375	0.0371	-1.5719	0.1160	0.8537949
N v N + WSH	Negative	0.0274	0.1774	-0.3203	0.3750	0.1542	0.8774	0.5343940
N v N + WSH	Positive	-0.0924	0.0978	-0.2841	0.0993	-0.9445	0.3449	0.5343940

Outcome: Myeloperoxidase - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.2844	0.2844	-0.8418	0.2729	-1.0003	0.3172	0.5074502
Control v WSH	Positive	-0.0953	0.1282	-0.3467	0.1560	-0.7433	0.4573	0.5074502
Control v N	Negative	-0.1733	0.2574	-0.6778	0.3312	-0.6733	0.5008	0.1129068
Control v N	Positive	0.2909	0.1536	-0.0101	0.5919	1.8941	0.0582	0.1129068
Control v N + WSH	Negative	-0.0412	0.3078	-0.6446	0.5622	-0.1338	0.8936	0.4269698
Control v N + WSH	Positive	-0.2866	0.1436	-0.5680	-0.0052	-1.9965	0.0459	0.4269698
WSH v N + WSH	Negative	0.2433	0.3248	-0.3933	0.8798	0.7490	0.4538	0.1842519
WSH v N + WSH	Positive	-0.1913	0.1365	-0.4588	0.0762	-1.4014	0.1611	0.1842519
N v N + WSH	Negative	0.1321	0.3002	-0.4563	0.7205	0.4401	0.6599	0.0466369
N v N + WSH	Positive	-0.5775	0.1664	-0.9037	-0.2514	-3.4708	0.0005	0.0466369

Outcome: Alpha-1 antitrypsin - T1

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.0151	0.2832	-0.5702	0.5399	-0.0534	0.9574	0.8682109
Control v WSH	Positive	-0.0668	0.1532	-0.3670	0.2333	-0.4364	0.6626	0.8682109
Control v N	Negative	-0.4353	0.1873	-0.8024	-0.0681	-2.3236	0.0201	0.0638022
Control v N	Positive	-0.0034	0.1577	-0.3125	0.3057	-0.0216	0.9828	0.0638022
Control v N + WSH	Negative	-0.2118	0.1870	-0.5784	0.1548	-1.1325	0.2574	0.7461363
Control v N + WSH	Positive	-0.1465	0.1710	-0.4817	0.1887	-0.8566	0.3916	0.7461363
WSH v N + WSH	Negative	-0.1967	0.2414	-0.6699	0.2765	-0.8147	0.4152	0.6771861
WSH v N + WSH	Positive	-0.0797	0.1359	-0.3461	0.1868	-0.5860	0.5579	0.6771861
N v N + WSH	Negative	0.2234	0.1983	-0.1652	0.6121	1.1267	0.2599	0.0986110
N v N + WSH	Positive	-0.1431	0.1340	-0.4057	0.1195	-1.0680	0.2855	0.0986110

Outcome: Neopterin - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.0465	0.1875	-0.3210	0.4141	0.2482	0.8040	0.2372055
Control v WSH	Positive	-0.2041	0.1107	-0.4211	0.0129	-1.8434	0.0653	0.2372055
Control v N	Negative	-0.2435	0.1576	-0.5523	0.0654	-1.5451	0.1223	0.7888128
Control v N	Positive	-0.2940	0.1206	-0.5303	-0.0577	-2.4390	0.0147	0.7888128
Control v N + WSH	Negative	-0.1571	0.1841	-0.5180	0.2039	-0.8529	0.3937	0.5960584
Control v N + WSH	Positive	-0.2607	0.1013	-0.4593	-0.0621	-2.5729	0.0101	0.5960584
WSH v N + WSH	Negative	-0.2036	0.1504	-0.4983	0.0911	-1.3541	0.1757	0.3581414
WSH v N + WSH	Positive	-0.0566	0.1036	-0.2597	0.1464	-0.5465	0.5847	0.3581414
N v N + WSH	Negative	0.0864	0.1576	-0.2224	0.3952	0.5484	0.5834	0.7821151
N v N + WSH	Positive	0.0333	0.0976	-0.1579	0.2246	0.3416	0.7327	0.7821151

Outcome: Myeloperoxidase - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.1485	0.2264	-0.2951	0.5922	0.6561	0.5117	0.2738176
Control v WSH	Positive	-0.1184	0.1147	-0.3432	0.1063	-1.0329	0.3017	0.2738176
Control v N	Negative	-0.0969	0.1950	-0.4790	0.2852	-0.4970	0.6192	0.7732818
Control v N	Positive	-0.1583	0.1228	-0.3990	0.0823	-1.2894	0.1973	0.7732818
Control v N + WSH	Negative	-0.0375	0.2236	-0.4758	0.4007	-0.1679	0.8667	0.7252157
Control v N + WSH	Positive	-0.1225	0.0909	-0.3006	0.0557	-1.3476	0.1778	0.7252157
WSH v N + WSH	Negative	-0.1861	0.1811	-0.5410	0.1689	-1.0274	0.3042	0.3675429
WSH v N + WSH	Positive	-0.0040	0.0968	-0.1938	0.1857	-0.0417	0.9667	0.3675429
N v N + WSH	Negative	0.0593	0.1640	-0.2620	0.3807	0.3619	0.7174	0.8902588
N v N + WSH	Positive	0.0358	0.1025	-0.1651	0.2368	0.3494	0.7268	0.8902588

Outcome: Alpha-1 antitrypsin - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.2012	0.1463	-0.0855	0.4879	1.3757	0.1689	0.0288016
Control v WSH	Positive	-0.1814	0.1158	-0.4084	0.0457	-1.5656	0.1174	0.0288016
Control v N	Negative	-0.0942	0.1359	-0.3606	0.1721	-0.6935	0.4880	0.6964874
Control v N	Positive	-0.1634	0.1145	-0.3879	0.0611	-1.4266	0.1537	0.6964874
Control v N + WSH	Negative	-0.0996	0.1763	-0.4451	0.2459	-0.5649	0.5722	0.7943434
Control v N + WSH	Positive	-0.0451	0.1094	-0.2594	0.1693	-0.4121	0.6803	0.7943434
WSH v N + WSH	Negative	-0.3008	0.1859	-0.6651	0.0635	-1.6185	0.1056	0.0314000
WSH v N + WSH	Positive	0.1363	0.0860	-0.0322	0.3048	1.5852	0.1129	0.0314000
N v N + WSH	Negative	-0.0053	0.1885	-0.3747	0.3641	-0.0283	0.9774	0.5745149
N v N + WSH	Positive	0.1183	0.0955	-0.0689	0.3055	1.2388	0.2154	0.5745149

Outcome: Regenerating gene 1B - T2

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	-0.1004	0.2210	-0.5336	0.3328	-0.4541	0.6497	0.9032290
Control v WSH	Positive	-0.0710	0.0981	-0.2632	0.1213	-0.7236	0.4693	0.9032290
Control v N	Negative	-0.1573	0.1689	-0.4884	0.1738	-0.9312	0.3517	0.9641829
Control v N	Positive	-0.1664	0.1109	-0.3837	0.0509	-1.5008	0.1334	0.9641829
Control v N + WSH	Negative	-0.0549	0.1768	-0.4015	0.2917	-0.3104	0.7563	0.8892629
Control v N + WSH	Positive	-0.0277	0.1047	-0.2329	0.1775	-0.2648	0.7911	0.8892629
WSH v N + WSH	Negative	0.0455	0.2071	-0.3604	0.4514	0.2197	0.8261	0.9917055
WSH v N + WSH	Positive	0.0432	0.0960	-0.1450	0.2315	0.4503	0.6525	0.9917055
N v N + WSH	Negative	0.1024	0.1528	-0.1971	0.4020	0.6702	0.5027	0.8284002
N v N + WSH	Positive	0.1387	0.0991	-0.0556	0.3329	1.3991	0.1618	0.8284002

Outcome: Neopterin - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.0246	0.1957	-0.3590	0.4081	0.1255	0.9002	0.6607780
Control v WSH	Positive	-0.0725	0.1299	-0.3272	0.1821	-0.5582	0.5767	0.6607780
Control v N	Negative	-0.1338	0.1932	-0.5125	0.2449	-0.6924	0.4887	0.8306387
Control v N	Positive	-0.1778	0.1543	-0.4803	0.1247	-1.1523	0.2492	0.8306387
Control v N + WSH	Negative	0.0454	0.2101	-0.3664	0.4572	0.2161	0.8289	0.2394094
Control v N + WSH	Positive	-0.2116	0.1213	-0.4493	0.0262	-1.7444	0.0811	0.2394094
WSH v N + WSH	Negative	0.0208	0.2273	-0.4247	0.4664	0.0917	0.9269	0.4872810
WSH v N + WSH	Positive	-0.1391	0.0832	-0.3020	0.0239	-1.6723	0.0945	0.4872810
N v N + WSH	Negative	0.1792	0.1666	-0.1473	0.5057	1.0757	0.2820	0.2788642
N v N + WSH	Positive	-0.0337	0.1127	-0.2547	0.1872	-0.2993	0.7647	0.2788642

Outcome: Myeloperoxidase - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.7007	0.2132	0.2827	1.1186	3.2857	0.0010	0.0093292
Control v WSH	Positive	0.0716	0.1055	-0.1351	0.2783	0.6786	0.4974	0.0093292
Control v N	Negative	0.6558	0.2026	0.2586	1.0530	3.2362	0.0012	0.0343821
Control v N	Positive	0.1753	0.1231	-0.0661	0.4166	1.4235	0.1546	0.0343821
Control v N + WSH	Negative	0.5744	0.2389	0.1062	1.0426	2.4046	0.0162	0.0514752
Control v N + WSH	Positive	0.0652	0.1129	-0.1562	0.2865	0.5769	0.5640	0.0514752
WSH v N + WSH	Negative	-0.1262	0.1902	-0.4990	0.2465	-0.6637	0.5069	0.5415202
WSH v N + WSH	Positive	-0.0064	0.1047	-0.2116	0.1988	-0.0613	0.9511	0.5415202
N v N + WSH	Negative	-0.0814	0.1538	-0.3828	0.2200	-0.5292	0.5966	0.8593554
N v N + WSH	Positive	-0.1101	0.0998	-0.3057	0.0855	-1.1035	0.2698	0.8593554

Outcome: Alpha-1 antitrypsin - T3

Contrast	Subgroup	Unadj. diff.	Std. Error	ci.l	ci.u	z value	Pval	InteractionPval
Control v WSH	Negative	0.1221	0.2113	-0.2920	0.5363	0.5779	0.5633	0.9602231
Control v WSH	Positive	0.1094	0.1042	-0.0949	0.3136	1.0492	0.2941	0.9602231
Control v N	Negative	0.1605	0.1930	-0.2178	0.5389	0.8316	0.4057	0.8215436
Control v N	Positive	0.2097	0.0952	0.0230	0.3963	2.2017	0.0277	0.8215436
Control v N + WSH	Negative	0.1924	0.2102	-0.2196	0.6044	0.9152	0.3601	0.7423363
Control v N + WSH	Positive	0.1102	0.1043	-0.0943	0.3148	1.0566	0.2907	0.7423363
WSH v N + WSH	Negative	0.0702	0.1526	-0.2288	0.3693	0.4604	0.6453	0.6891130
WSH v N + WSH	Positive	0.0009	0.0970	-0.1893	0.1911	0.0092	0.9927	0.6891130
N v N + WSH	Negative	0.0318	0.1065	-0.1769	0.2406	0.2989	0.7650	0.3345268
N v N + WSH	Positive	-0.0994	0.0933	-0.2823	0.0835	-1.0653	0.2867	0.3345268