

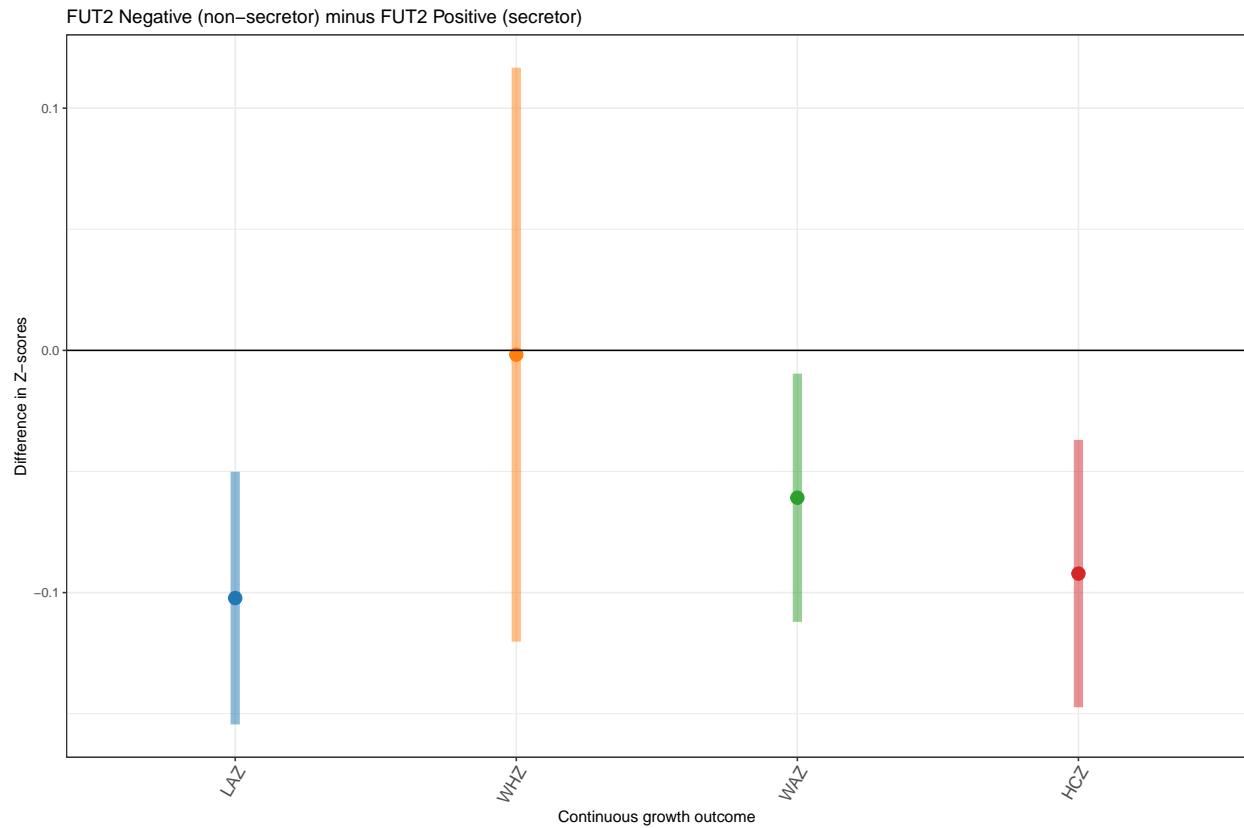
Tables and Figures

N's by treatment arm

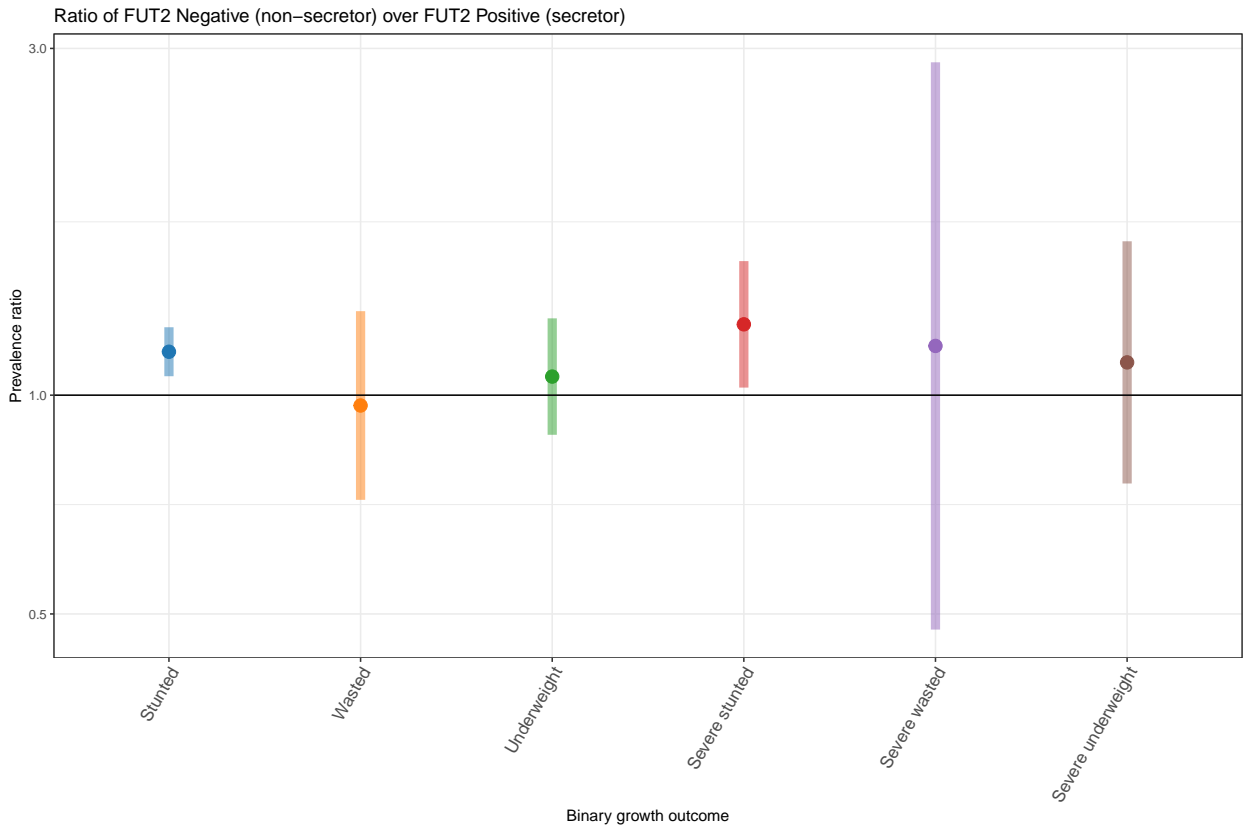
| Treatment Arm | FUT2 Status | Number of Children | Number of Mothers |
|-----------------|--------------|--------------------|-------------------|
| Overall | Positive | 1022 | 893 |
| Overall | Negative | 323 | 308 |
| Overall | Inconclusive | 154 | 178 |
| Control | Positive | 245 | 213 |
| Control | 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 |

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

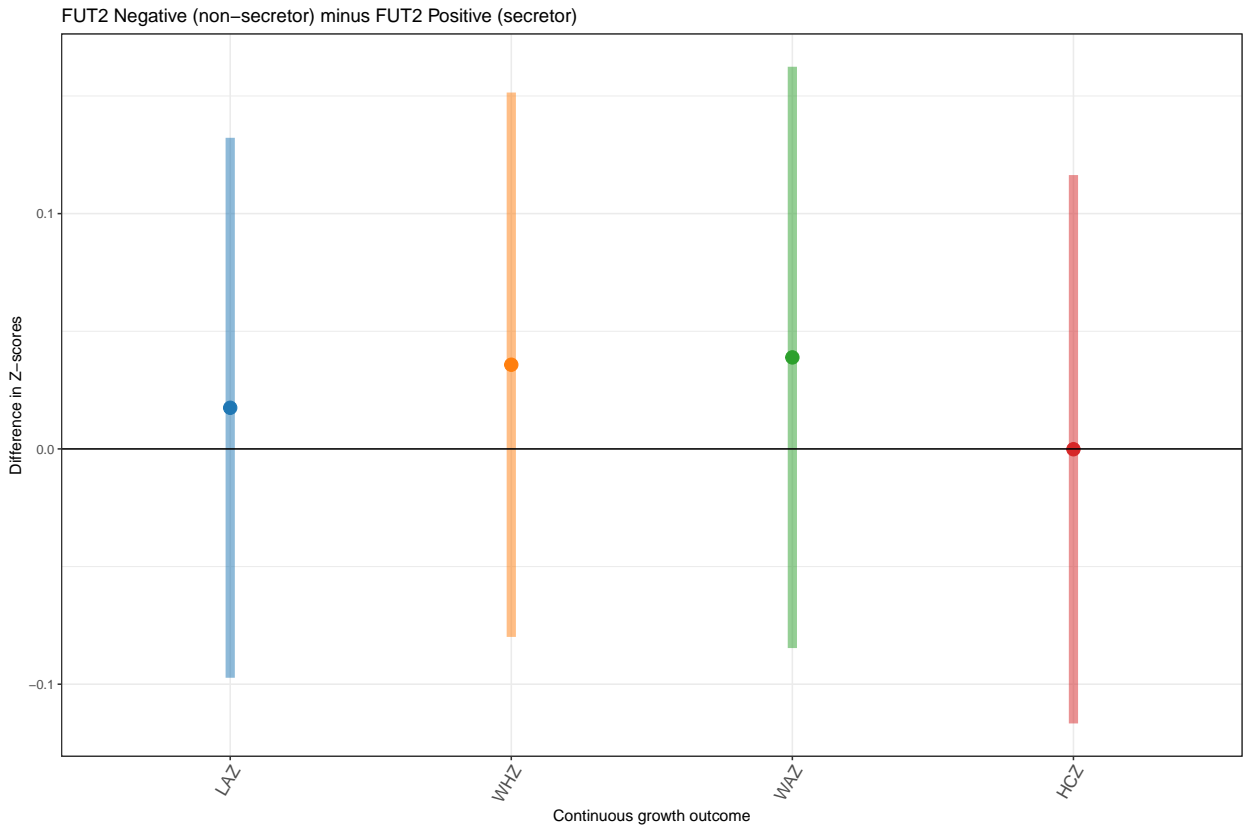
Child FUT2 status effect on continuous growth outcomes



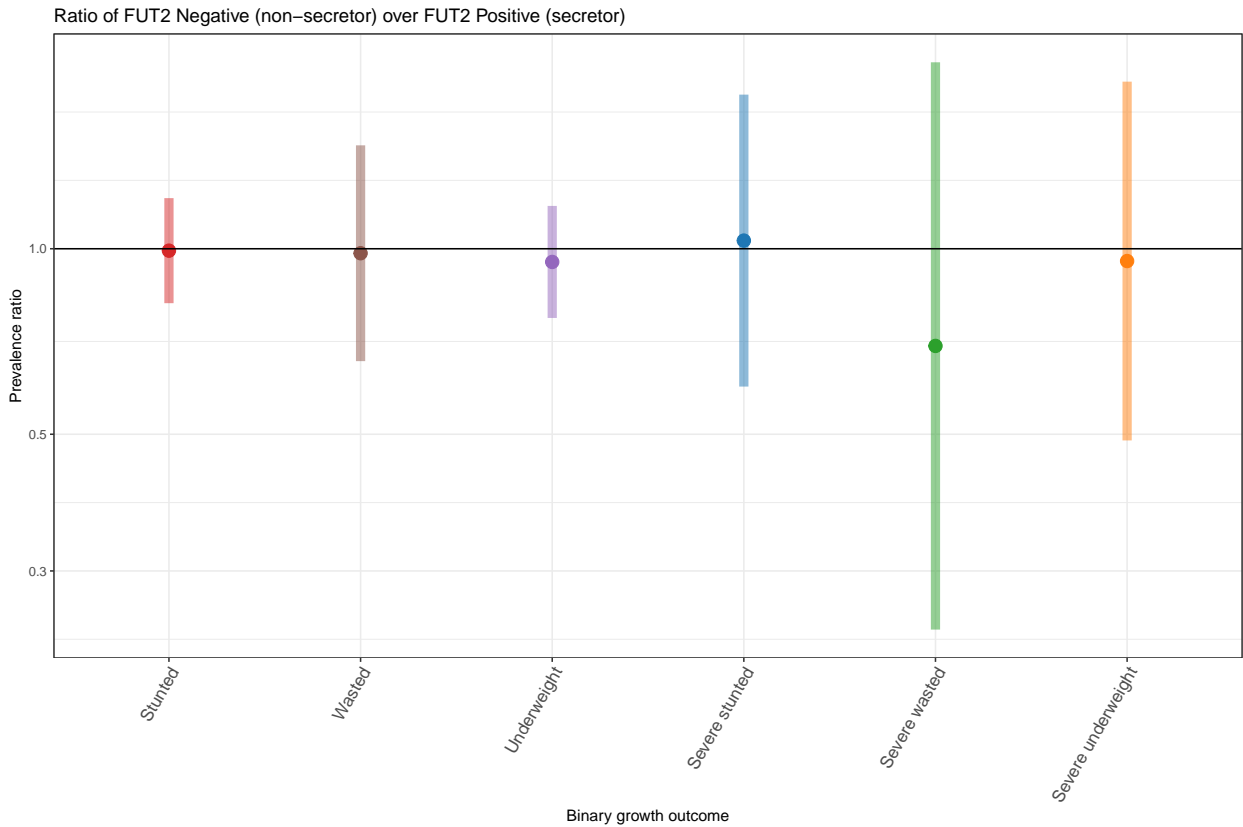
Child FUT2 status effect on binary growth outcomes



Mother FUT2 status effect on continuous growth outcomes

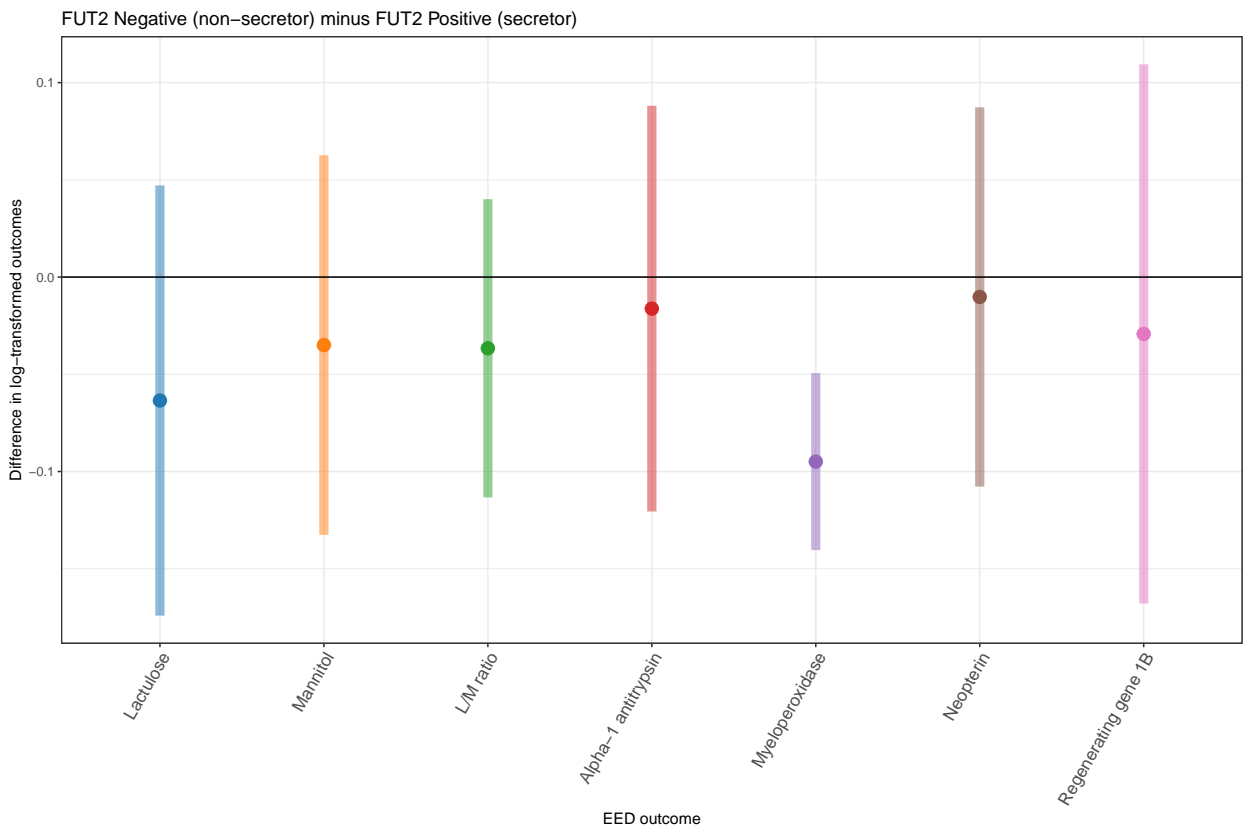


Mother FUT2 status effect on binary growth outcomes

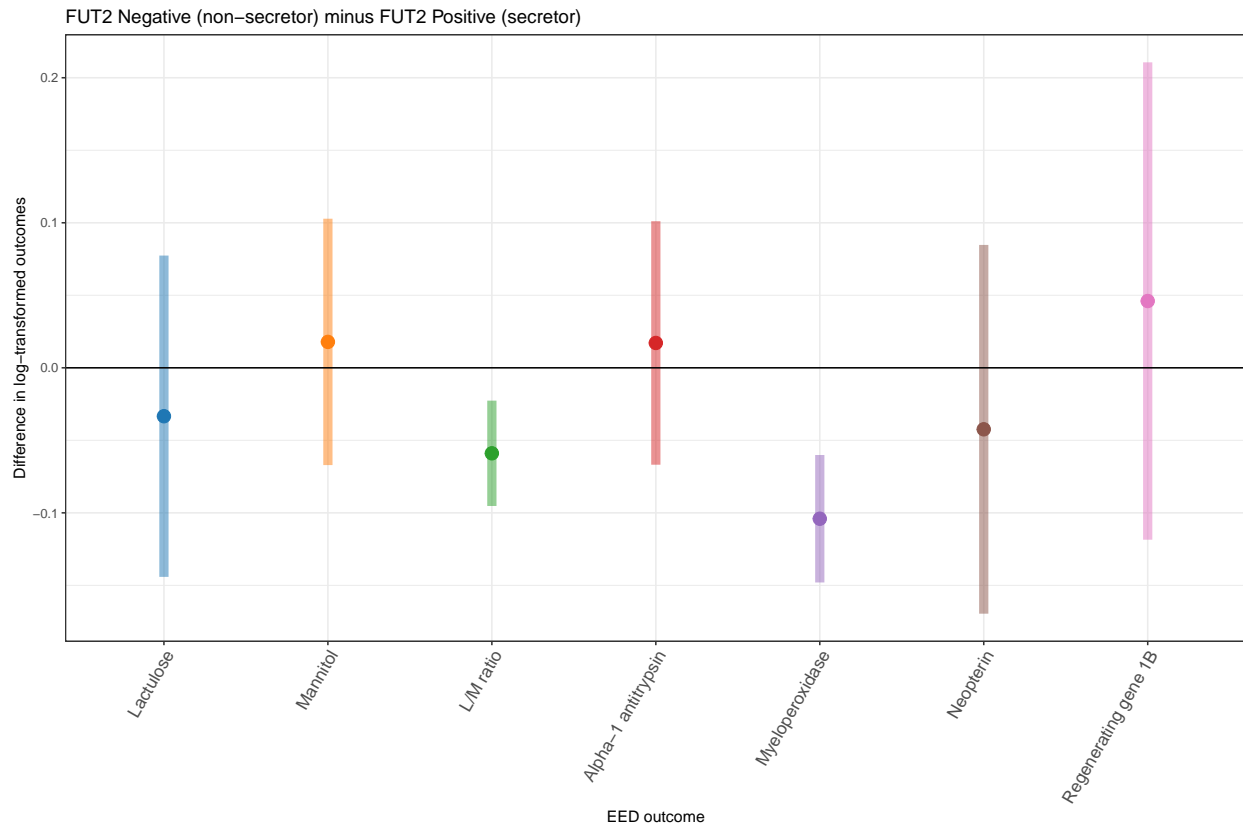


Plots of associations between FUT2 status and EED outcomes (FUT2 as a risk factor)

Child FUT2 status effect on EED outcomes



Mother's FUT2 status effect on EED outcomes

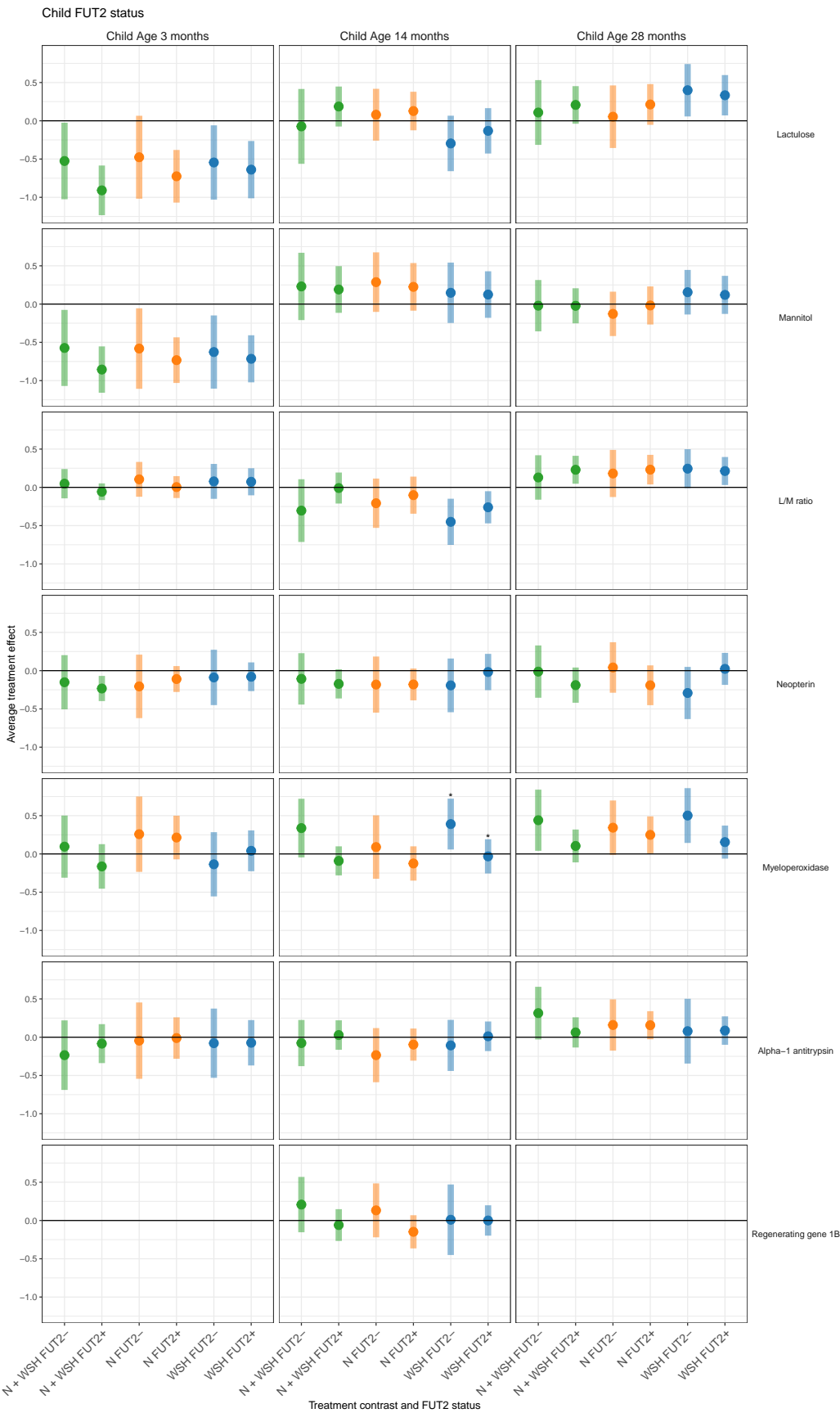


Plots of WASH Benefits intervention effects, stratified by FUT2 status (FUT2 as an effect modifier)

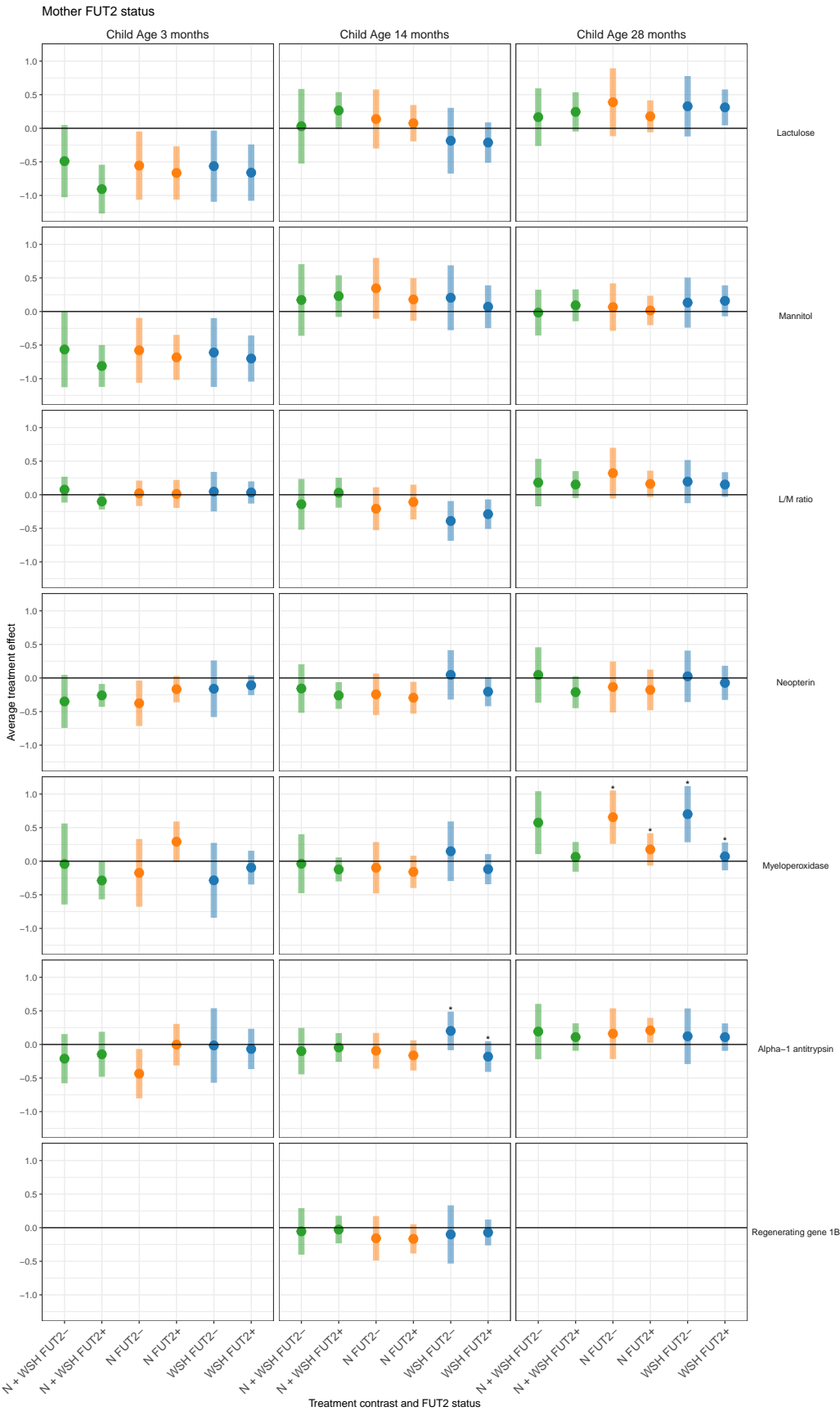
Note: stars above the plotted points indicate that the P-value of the interaction term between treatment and FUT2 status is < 0.05 .

Columns are sampling round, and rows are EED outcomes.

Child FUT2 status

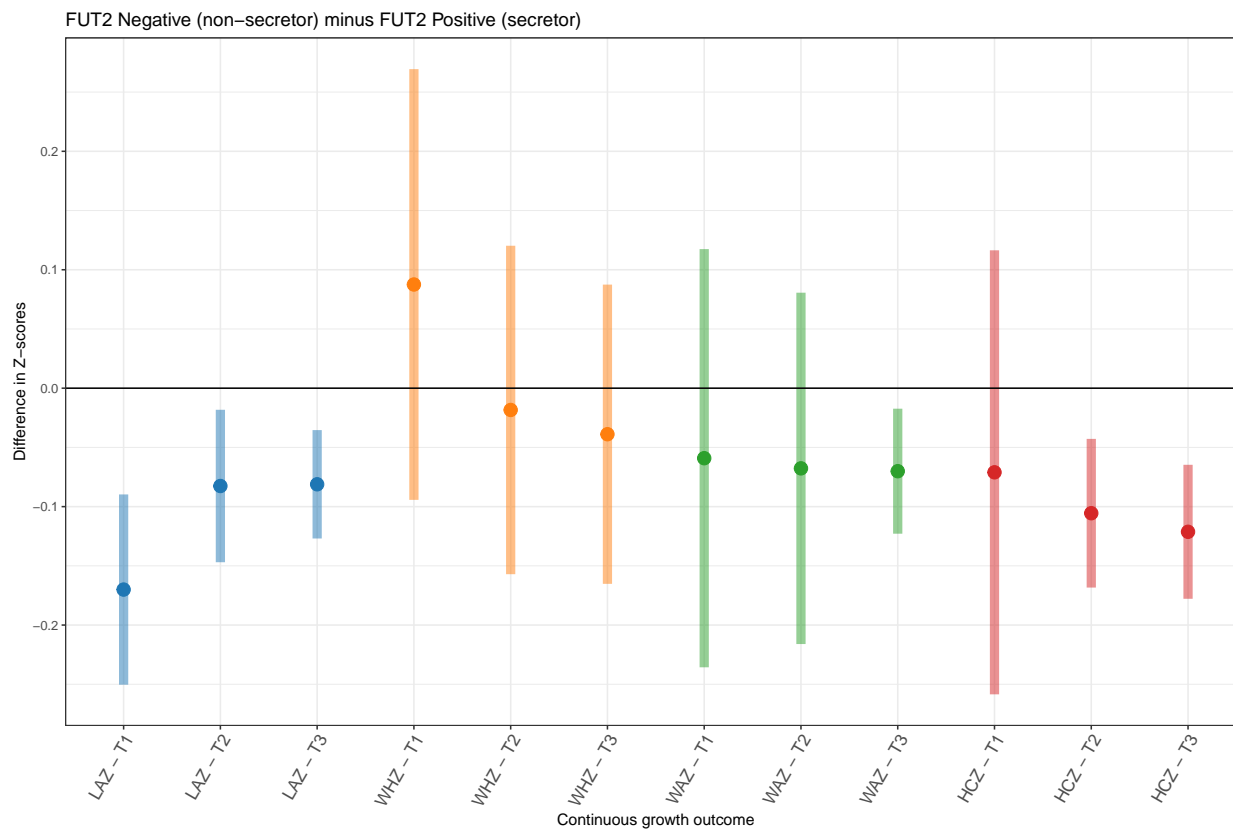


Maternal FUT2 status



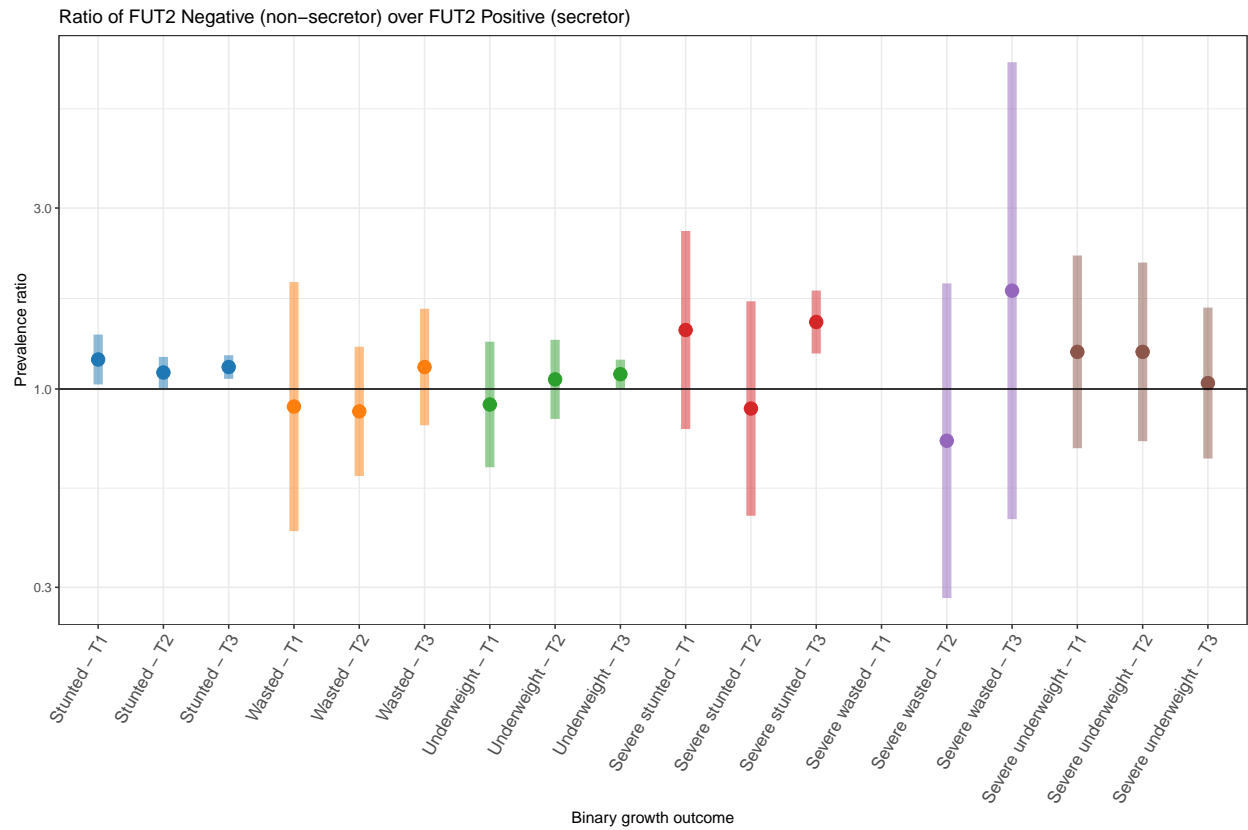
Plots of associations between FUT2 status and growth outcomes (FUT2 as a risk factor) - Stratified by measurement round

Child FUT2 status effect on continuous growth outcomes

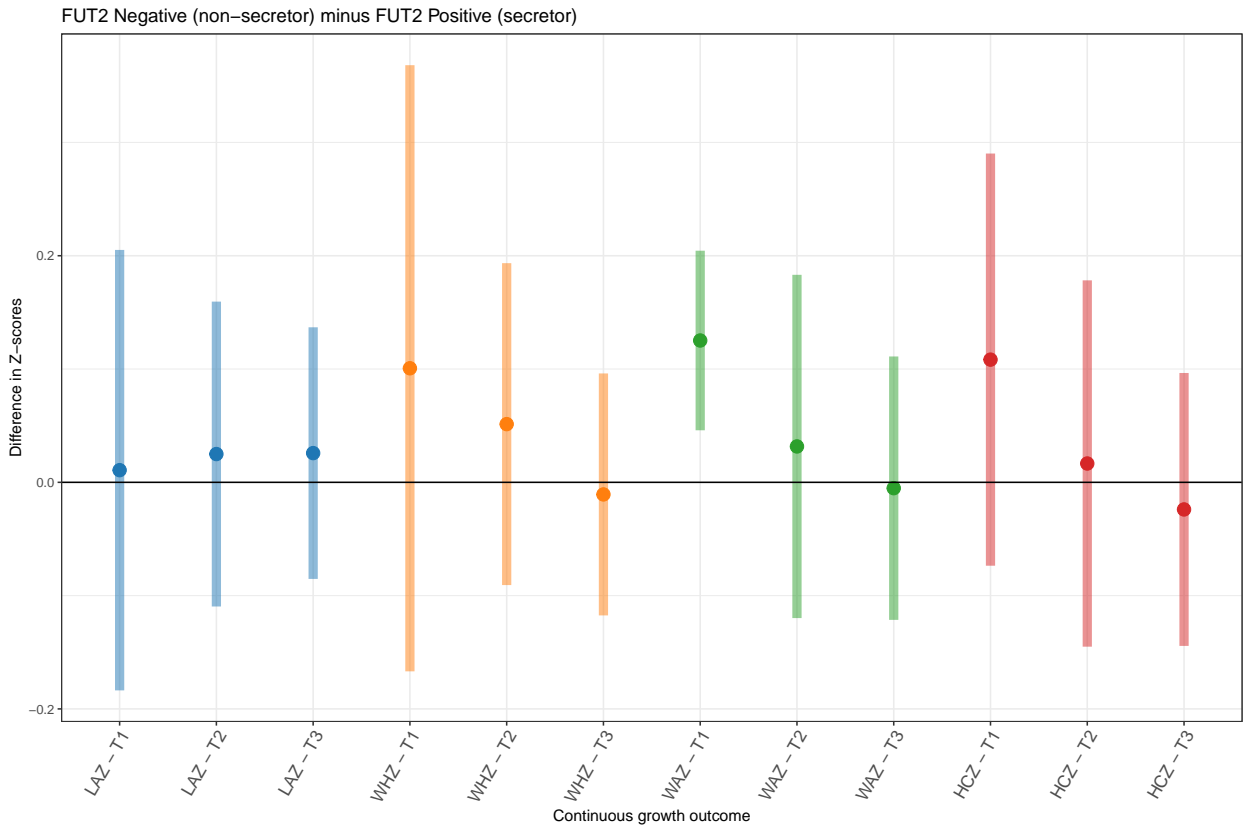


Child FUT2 status effect on binary growth outcomes

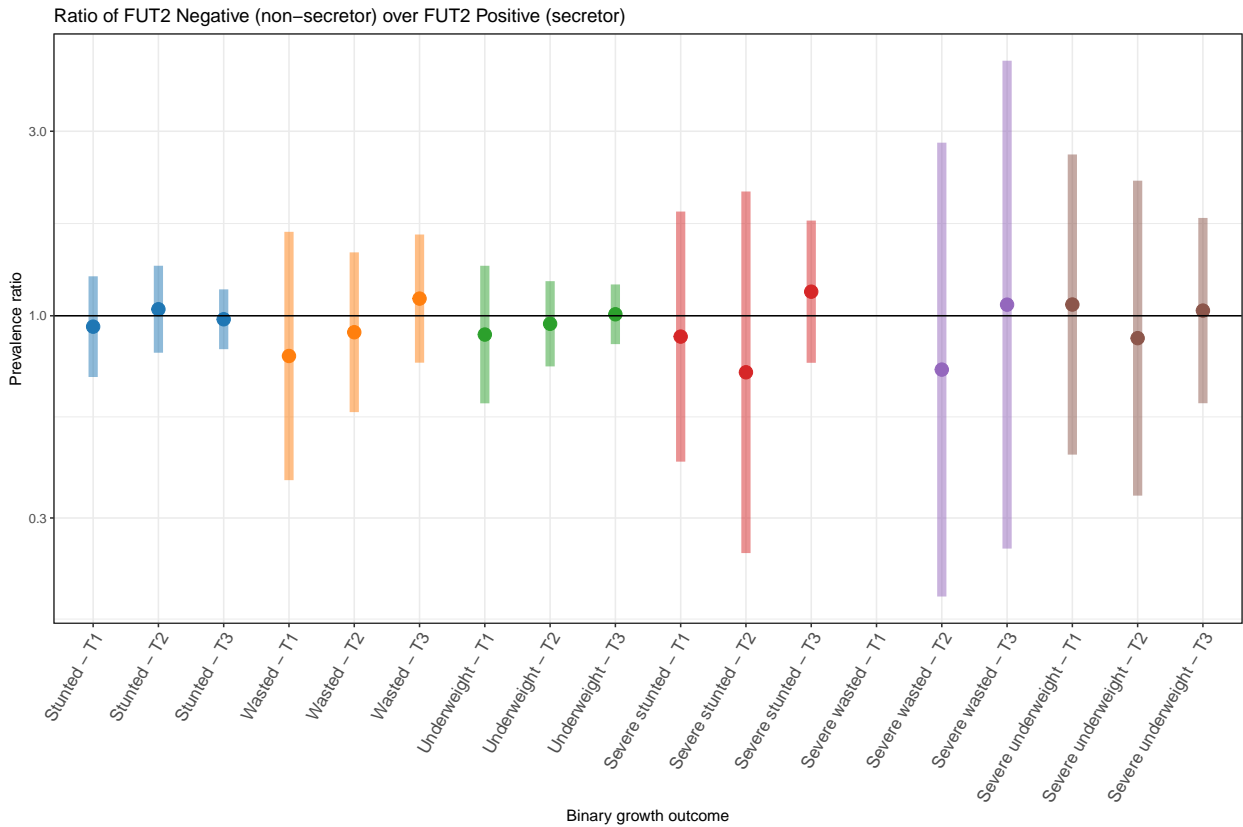
Note that severe wasting is very rare, with only 16 cases at time one and three, and 19 at time two. There are 0 cases of severe wasting among non-secretor at time 1, leading to an unstable, very small prevalence ratio estimate (2.32×10^{-08}). This estimate has been excluded from the below figure.



Mother FUT2 status effect on continuous growth outcomes

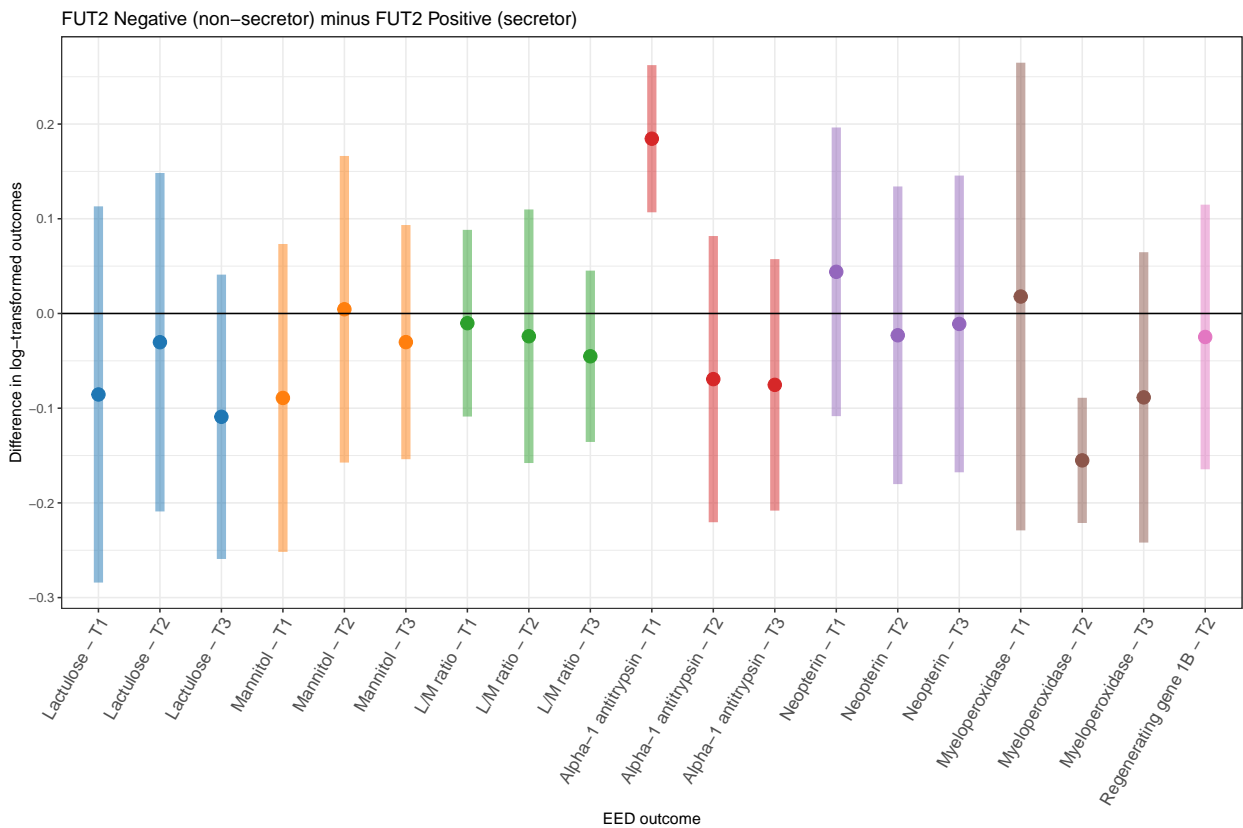


Mother FUT2 status effect on binary growth outcomes

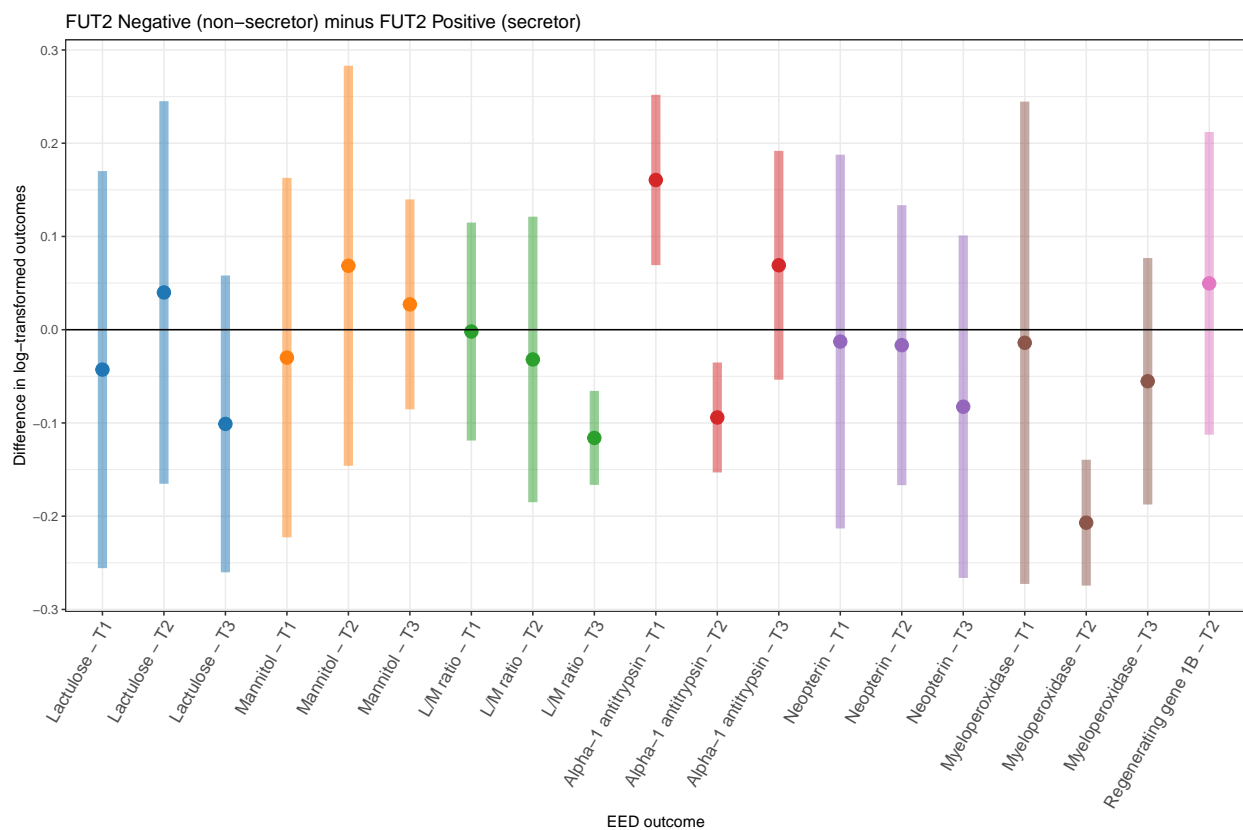


Plots of associations between FUT2 status and EED outcomes (FUT2 as a risk factor) - Stratified by measurement round

Child FUT2 status effect on EED outcomes



Mother's FUT2 status effect on EED outcomes



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

Child FUT2 status - continuous 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 | - | - | - | 0.0278 | 0.7216398 |
| | | | | 1.0301 | 0.0593 | 2.1995 | | |
| Control v WSH | Positive | -0.6384 | 0.1910 | - | - | - | 0.0008 | 0.7216398 |
| | | | | 1.0127 | 0.2641 | 3.3427 | | |
| Control v N | Negative | -0.4762 | 0.2765 | - | 0.0657 | - | 0.0850 | 0.3843049 |
| | | | | 1.0182 | | 1.7223 | | |
| Control v N | Positive | -0.7252 | 0.1754 | - | - | - | 0.0000 | 0.3843049 |
| | | | | 1.0690 | 0.3813 | 4.1333 | | |
| Control v N + WSH | Negative | -0.5252 | 0.2551 | - | - | - | 0.0395 | 0.0975739 |
| | | | | 1.0252 | 0.0253 | 2.0593 | | |
| Control v N + WSH | Positive | -0.9089 | 0.1656 | - | - | - | 0.0000 | 0.0975739 |
| | | | | 1.2335 | 0.5843 | 5.4878 | | |
| WSH v N + WSH | Negative | 0.0195 | 0.1692 | - | 0.3511 | 0.1150 | 0.9084 | 0.1194199 |
| | | | | 0.3121 | | | | |
| WSH v N + WSH | Positive | -0.2705 | 0.1311 | - | - | - | 0.0391 | 0.1194199 |
| | | | | 0.5275 | 0.0135 | 2.0633 | | |
| N v N + WSH | Negative | -0.0490 | 0.1959 | - | 0.3350 | - | 0.8025 | 0.5241081 |
| | | | | 0.4330 | | 0.2502 | | |
| N v N + WSH | Positive | -0.1837 | 0.1270 | - | 0.0653 | - | 0.1481 | 0.5241081 |
| | | | | 0.4327 | | 1.4462 | | |

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

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

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 | - | 0.0665 | - | 0.1096 | 0.4033491 |
| | | | | 0.6584 | | 1.6002 | | |
| Control v WSH | Positive | -0.1312 | 0.1513 | - | 0.1653 | - | 0.3858 | 0.4033491 |
| | | | | 0.4278 | | 0.8672 | | |
| Control v N | Negative | 0.0796 | 0.1726 | - | 0.4180 | 0.4613 | 0.6446 | 0.8019934 |
| | | | | 0.2587 | | | | |
| Control v N | Positive | 0.1276 | 0.1285 | - | 0.3795 | 0.9930 | 0.3207 | 0.8019934 |
| | | | | 0.1243 | | | | |
| Control v N + WSH | Negative | -0.0731 | 0.2495 | - | 0.4159 | - | 0.7695 | 0.3282961 |
| | | | | 0.5622 | | 0.2930 | | |
| Control v N + WSH | Positive | 0.1866 | 0.1333 | - | 0.4478 | 1.3999 | 0.1615 | 0.3282961 |
| | | | | 0.0746 | | | | |
| WSH v N + WSH | Negative | 0.2228 | 0.2365 | - | 0.6863 | 0.9421 | 0.3461 | 0.7321173 |
| | | | | 0.2407 | | | | |
| 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 | - | 0.3113 | - | 0.5188 | 0.4351069 |
| | | | | 0.6168 | | 0.6452 | | |
| N v N + WSH | Positive | 0.0590 | 0.1252 | - | 0.3043 | 0.4712 | 0.6375 | 0.4351069 |
| | | | | 0.1863 | | | | |

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

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 | - | - | - | 0.0034 | 0.2120239 |
| | | | | 0.7519 | 0.1487 | 2.9265 | | |
| Control v WSH | Positive | -0.2604 | 0.1072 | - | - | - | 0.0151 | 0.2120239 |
| | | | | 0.4705 | 0.0503 | 2.4288 | | |
| Control v N | Negative | -0.2072 | 0.1644 | - | 0.1151 | - | 0.2077 | 0.5440359 |
| | | | | 0.5294 | | 1.2600 | | |
| Control v N | Positive | -0.1020 | 0.1237 | - | 0.1404 | - | 0.4096 | 0.5440359 |
| | | | | 0.3444 | | 0.8246 | | |
| Control v N + WSH | Negative | -0.3038 | 0.2091 | - | 0.1061 | - | 0.1463 | 0.1739986 |
| | | | | 0.7136 | | 1.4528 | | |
| Control v N + WSH | Positive | -0.0089 | 0.1034 | - | 0.1938 | - | 0.9315 | 0.1739986 |
| | | | | 0.2116 | | 0.0859 | | |
| WSH v N + WSH | Negative | 0.1466 | 0.1716 | - | 0.4830 | 0.8539 | 0.3932 | 0.6020136 |
| | | | | 0.1899 | | | | |
| 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 | - | 0.2370 | - | 0.5703 | 0.2916177 |
| | | | | 0.4302 | | 0.5676 | | |
| N v N + WSH | Positive | 0.0931 | 0.0998 | - | 0.2886 | 0.9332 | 0.3507 | 0.2916177 |
| | | | | 0.1024 | | | | |

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 | - | 0.4623 | 0.2553 | 0.7985 | 0.4981971 |
| | | | | 0.3558 | | | | |
| Control v N | Positive | 0.2134 | 0.1358 | - | 0.4794 | 1.5717 | 0.1160 | 0.4981971 |
| | | | | 0.0527 | | | | |
| Control v N + WSH | Negative | 0.1084 | 0.2159 | - | 0.5316 | 0.5023 | 0.6155 | 0.6528578 |
| | | | | 0.3147 | | | | |
| Control v N + WSH | Positive | 0.2073 | 0.1253 | - | 0.4529 | 1.6546 | 0.0980 | 0.6528578 |
| | | | | 0.0383 | | | | |
| WSH v N + WSH | Negative | -0.2911 | 0.1915 | - | 0.0842 | - | 0.1284 | 0.4072813 |
| | | | | 0.6664 | | 1.5203 | | |
| WSH v N + WSH | Positive | -0.1264 | 0.1236 | - | 0.1158 | - | 0.3064 | 0.4072813 |
| | | | | 0.3686 | | 1.0229 | | |
| N v N + WSH | Negative | 0.0552 | 0.1941 | - | 0.4356 | 0.2842 | 0.7763 | 0.7742195 |
| | | | | 0.3253 | | | | |
| N v N + WSH | Positive | -0.0061 | 0.1291 | - | 0.2470 | - | 0.9626 | 0.7742195 |
| | | | | 0.2591 | | 0.0469 | | |

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

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 | - | 0.4987 | 1.8846 | 0.0595 | 0.8123231 |
| | | | | 0.0098 | | | | |
| 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 | - | 0.4890 | 1.1547 | 0.2482 | 0.7244877 |
| | | | | 0.1264 | | | | |
| 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 | - | 0.4196 | 0.8730 | 0.3827 | 0.4244271 |
| | | | | 0.1610 | | | | |
| 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 | - | 0.1134 | - | 0.3233 | 0.3574782 |
| | | | | 0.3438 | | 0.9876 | | |
| WSH v N + WSH | Positive | 0.0162 | 0.0766 | - | 0.1663 | 0.2118 | 0.8323 | 0.3574782 |
| | | | | 0.1339 | | | | |
| N v N + WSH | Negative | -0.0520 | 0.1216 | - | 0.1864 | - | 0.6690 | 0.7022625 |
| | | | | 0.2904 | | 0.4275 | | |
| N v N + WSH | Positive | -0.0017 | 0.0747 | - | 0.1446 | - | 0.9817 | 0.7022625 |
| | | | | 0.1481 | | 0.0229 | | |

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

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

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

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

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 | - | 0.1917 | - | 0.7799 | 0.0242606 |
| | | | | 0.2554 | | 0.2795 | | |
| Control v N | Negative | 0.0897 | 0.2115 | - | 0.5042 | 0.4242 | 0.6714 | 0.3542485 |
| | | | | 0.3248 | | | | |
| Control v N | Positive | -0.1246 | 0.1143 | - | 0.0995 | - | 0.2760 | 0.3542485 |
| | | | | 0.3486 | | 1.0893 | | |
| Control v N + WSH | Negative | 0.3376 | 0.1955 | - | 0.7208 | 1.7266 | 0.0842 | 0.0616818 |
| | | | | 0.0456 | | | | |
| Control v N + WSH | Positive | -0.0908 | 0.0970 | - | 0.0994 | - | 0.3495 | 0.0616818 |
| | | | | 0.2809 | | 0.9356 | | |
| WSH v N + WSH | Negative | -0.0525 | 0.1661 | - | 0.2732 | - | 0.7521 | 0.9752965 |
| | | | | 0.3781 | | 0.3158 | | |
| WSH v N + WSH | Positive | -0.0589 | 0.1043 | - | 0.1456 | - | 0.5724 | 0.9752965 |
| | | | | 0.2634 | | 0.5645 | | |
| N v N + WSH | Negative | 0.2479 | 0.1882 | - | 0.6167 | 1.3173 | 0.1877 | 0.2953870 |
| | | | | 0.1209 | | | | |
| N v N + WSH | Positive | 0.0338 | 0.1038 | - | 0.2372 | 0.3254 | 0.7449 | 0.2953870 |
| | | | | 0.1697 | | | | |

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

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

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

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 | - | 0.3705 | 1.4008 | 0.1613 | 0.1035197 |
| | | | | 0.0616 | | | | |
| Control v N | Negative | 0.3431 | 0.1813 | - | 0.6985 | 1.8926 | 0.0584 | 0.6533400 |
| | | | | 0.0122 | | | | |
| 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 | - | 0.3189 | 0.9522 | 0.3410 | 0.1463187 |
| | | | | 0.1104 | | | | |
| WSH v N + WSH | Negative | -0.0613 | 0.1718 | - | 0.2754 | - | 0.7210 | 0.9529439 |
| | | | | 0.3981 | | 0.3571 | | |
| WSH v N + WSH | Positive | -0.0501 | 0.0984 | - | 0.1427 | - | 0.6104 | 0.9529439 |
| | | | | 0.2429 | | 0.5096 | | |
| N v N + WSH | Negative | 0.0973 | 0.1820 | - | 0.4539 | 0.5347 | 0.5928 | 0.2406751 |
| | | | | 0.2593 | | | | |
| N v N + WSH | Positive | -0.1448 | 0.0980 | - | 0.0474 | - | 0.1397 | 0.2406751 |
| | | | | 0.3369 | | 1.4769 | | |

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

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

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

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

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 | - | 0.3043 | - | 0.4580 | 0.9251181 |
| | | | | 0.6752 | | 0.7421 | | |
| Control v WSH | Positive | -0.2124 | 0.1535 | - | 0.0885 | - | 0.1664 | 0.9251181 |
| | | | | 0.5133 | | 1.3838 | | |
| Control v N | Negative | 0.1379 | 0.2240 | - | 0.5769 | 0.6155 | 0.5382 | 0.8292821 |
| | | | | 0.3012 | | | | |
| Control v N | Positive | 0.0757 | 0.1380 | - | 0.3463 | 0.5484 | 0.5834 | 0.8292821 |
| | | | | 0.1949 | | | | |
| Control v N + WSH | Negative | 0.0302 | 0.2832 | - | 0.5852 | 0.1065 | 0.9152 | 0.4886478 |
| | | | | 0.5249 | | | | |
| Control v N + WSH | Positive | 0.2651 | 0.1394 | - | 0.5383 | 1.9016 | 0.0572 | 0.4886478 |
| | | | | 0.0081 | | | | |
| WSH v N + WSH | Negative | 0.2156 | 0.2145 | - | 0.6360 | 1.0050 | 0.3149 | 0.2464987 |
| | | | | 0.2048 | | | | |
| 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 | - | 0.3286 | - | 0.6284 | 0.2796457 |
| | | | | 0.5440 | | 0.4839 | | |
| N v N + WSH | Positive | 0.1894 | 0.1398 | - | 0.4633 | 1.3548 | 0.1755 | 0.2796457 |
| | | | | 0.0846 | | | | |

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

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 | - | - | - | 0.0099 | 0.5783317 |
| | | | | 0.6866 | 0.0937 | 2.5795 | | |
| Control v WSH | Positive | -0.2891 | 0.1119 | - | - | - | 0.0098 | 0.5783317 |
| | | | | 0.5084 | 0.0697 | 2.5831 | | |
| Control v N | Negative | -0.2079 | 0.1629 | - | 0.1114 | - | 0.2019 | 0.6029234 |
| | | | | 0.5272 | | 1.2760 | | |
| Control v N | Positive | -0.1090 | 0.1322 | - | 0.1501 | - | 0.4096 | 0.6029234 |
| | | | | 0.3680 | | 0.8246 | | |
| Control v N + WSH | Negative | -0.1419 | 0.1928 | - | 0.2359 | - | 0.4616 | 0.4384789 |
| | | | | 0.5197 | | 0.7362 | | |
| Control v N + WSH | Positive | 0.0303 | 0.1136 | - | 0.2530 | 0.2666 | 0.7897 | 0.4384789 |
| | | | | 0.1924 | | | | |
| WSH v N + WSH | Negative | 0.2482 | 0.1836 | - | 0.6082 | 1.3518 | 0.1764 | 0.7288984 |
| | | | | 0.1117 | | | | |
| 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 | - | 0.4140 | 0.3717 | 0.7101 | 0.7121793 |
| | | | | 0.2820 | | | | |
| N v N + WSH | Positive | 0.1393 | 0.1185 | - | 0.3715 | 1.1756 | 0.2398 | 0.7121793 |
| | | | | 0.0929 | | | | |

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 | - | 0.7778 | 1.4285 | 0.1531 | 0.9455455 |
| | | | | 0.1220 | | | | |
| 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 | - | 0.8932 | 1.5028 | 0.1329 | 0.4313932 |
| | | | | 0.1179 | | | | |
| Control v N | Positive | 0.1777 | 0.1212 | - | 0.4153 | 1.4655 | 0.1428 | 0.4313932 |
| | | | | 0.0600 | | | | |
| Control v N + WSH | Negative | 0.1655 | 0.2188 | - | 0.5944 | 0.7560 | 0.4496 | 0.7596665 |
| | | | | 0.2635 | | | | |
| Control v N + WSH | Positive | 0.2444 | 0.1491 | - | 0.5367 | 1.6389 | 0.1012 | 0.7596665 |
| | | | | 0.0479 | | | | |
| WSH v N + WSH | Negative | -0.1625 | 0.1944 | - | 0.2186 | - | 0.4033 | 0.6488333 |
| | | | | 0.5435 | | 0.8357 | | |
| WSH v N + WSH | Positive | -0.0666 | 0.1277 | - | 0.1836 | - | 0.6018 | 0.6488333 |
| | | | | 0.3169 | | 0.5218 | | |
| N v N + WSH | Negative | -0.2222 | 0.1979 | - | 0.1657 | - | 0.2615 | 0.1708310 |
| | | | | 0.6100 | | 1.1229 | | |
| N v N + WSH | Positive | 0.0667 | 0.1389 | - | 0.3390 | 0.4804 | 0.6309 | 0.1708310 |
| | | | | 0.2055 | | | | |

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

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

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

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

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

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

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

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

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 | - | 0.2783 | 0.6786 | 0.4974 | 0.0093292 |
| | | | | 0.1351 | | | | |
| 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 | - | 0.4166 | 1.4235 | 0.1546 | 0.0343821 |
| | | | | 0.0661 | | | | |
| 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 | - | 0.2865 | 0.5769 | 0.5640 | 0.0514752 |
| | | | | 0.1562 | | | | |
| WSH v N + WSH | Negative | -0.1262 | 0.1902 | - | 0.2465 | - | 0.5069 | 0.5415202 |
| | | | | 0.4990 | | 0.6637 | | |
| WSH v N + WSH | Positive | -0.0064 | 0.1047 | - | 0.1988 | - | 0.9511 | 0.5415202 |
| | | | | 0.2116 | | 0.0613 | | |
| N v N + WSH | Negative | -0.0814 | 0.1538 | - | 0.2200 | - | 0.5966 | 0.8593554 |
| | | | | 0.3828 | | 0.5292 | | |
| N v N + WSH | Positive | -0.1101 | 0.0998 | - | 0.0855 | - | 0.2698 | 0.8593554 |
| | | | | 0.3057 | | 1.1035 | | |

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 | - | 0.5363 | 0.5779 | 0.5633 | 0.9602231 |
| | | | | 0.2920 | | | | |
| Control v WSH | Positive | 0.1094 | 0.1042 | - | 0.3136 | 1.0492 | 0.2941 | 0.9602231 |
| | | | | 0.0949 | | | | |
| Control v N | Negative | 0.1605 | 0.1930 | - | 0.5389 | 0.8316 | 0.4057 | 0.8215436 |
| | | | | 0.2178 | | | | |
| 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 | - | 0.6044 | 0.9152 | 0.3601 | 0.7423363 |
| | | | | 0.2196 | | | | |
| Control v N + WSH | Positive | 0.1102 | 0.1043 | - | 0.3148 | 1.0566 | 0.2907 | 0.7423363 |
| | | | | 0.0943 | | | | |
| WSH v N + WSH | Negative | 0.0702 | 0.1526 | - | 0.3693 | 0.4604 | 0.6453 | 0.6891130 |
| | | | | 0.2288 | | | | |
| WSH v N + WSH | Positive | 0.0009 | 0.0970 | - | 0.1911 | 0.0092 | 0.9927 | 0.6891130 |
| | | | | 0.1893 | | | | |
| N v N + WSH | Negative | 0.0318 | 0.1065 | - | 0.2406 | 0.2989 | 0.7650 | 0.3345268 |
| | | | | 0.1769 | | | | |
| N v N + WSH | Positive | -0.0994 | 0.0933 | - | 0.0835 | - | 0.2867 | 0.3345268 |
| | | | | 0.2823 | | 1.0653 | | |