## EMM Table: Effect modification of maternal inflammation and child environmental enteric dysfunction by treatment arm

| Effect Modifier | Maternal Inflammation | Outcome | N | Modifier value | Outcome, 75th Percentile v. 25th Percentile of Exposure | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | Adjusted | | | | |
|  |  |  |  |  | Coefficient (95% CI) | P-value | FDR Corrected P-value | Interaction P-value | FDR Corrected Interaction P-value |
| Arm | Ln C-reactive protein (mg/L) | Ln Lactulose Age 3 months (mmol/L) | 239 | Control | -0.06 (-0.29, 0.17) | 0.61 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.03 (-0.23, 0.17) | 0.8 | 0.97 | 0.69 | 0.91 |
|  |  | Ln Mannitol Age 3 months (mmol/L) | 446 | Control | 0.05 (-0.27, 0.36) | 0.79 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.14 (-0.43, 0.15) | 0.34 | 0.94 | 0.15 | 0.65 |
|  |  | Ln MPO Age 3 months (ng/mL) | 529 | Control | 0.14 (-0.05, 0.32) | 0.16 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | -0.03 (-0.2, 0.14) | 0.76 | 0.97 | 0.14 | 0.65 |
|  |  | Ln AAT Age 3 months(mg/g) | 240 | Control | 0.1 (-0.11, 0.32) | 0.36 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | -0.11 (-0.3, 0.08) | 0.24 | 0.94 | 0.32 | 0.69 |
|  |  | Ln NEO Age 3 months (nmol/L) | 493 | Control | 0.1 (-0.07, 0.28) | 0.26 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | -0.15 (-0.31, 0) | 0.06 | 0.94 | 0.03 | 0.65 |
|  |  | Ln Lactulose Age 14 months (mmol/L) | 532 | Control | 0.02 (-0.15, 0.19) | 0.83 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.04 (-0.19, 0.12) | 0.65 | 0.97 | 0.61 | 0.85 |
|  |  | Ln Mannitol Age 14 months (mmol/L) | 240 | Control | 0.02 (-0.14, 0.19) | 0.8 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.08 (-0.06, 0.23) | 0.25 | 0.94 | 0.75 | 0.91 |
|  |  | Ln MPO Age 14 months (ng/mL) | 448 | Control | 0.03 (-0.13, 0.18) | 0.73 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.11 (-0.25, 0.04) | 0.15 | 0.94 | 0.3 | 0.69 |
|  |  | Ln AAT Age 14 months(mg/g) | 533 | Control | -0.01 (-0.2, 0.18) | 0.9 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.08 (-0.25, 0.09) | 0.34 | 0.94 | 0.6 | 0.85 |
|  |  | Ln NEO Age 14 months (nmol/L) | 447 | Control | -0.02 (-0.34, 0.3) | 0.91 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.16 (-0.46, 0.14) | 0.29 | 0.94 | 0.24 | 0.67 |
|  |  | Ln REG1β Age 14 months (µg/mL) | 295 | Control | -0.05 (-0.27, 0.17) | 0.67 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.01 (-0.18, 0.21) | 0.9 | 0.97 | 0.66 | 0.91 |
|  |  | Ln Lactulose Age 28 months (mmol/L) | 479 | Control | -0.05 (-0.29, 0.18) | 0.67 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.12 (-0.09, 0.34) | 0.25 | 0.94 | 0.23 | 0.67 |
|  |  | Ln Mannitol Age 28 months (mmol/L) | 527 | Control | -0.02 (-0.24, 0.19) | 0.84 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.1 (-0.09, 0.3) | 0.29 | 0.94 | 0.44 | 0.82 |
|  |  | Ln MPO Age 28 months (ng/mL) | 295 | Control | -0.02 (-0.26, 0.21) | 0.85 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.09 (-0.1, 0.29) | 0.36 | 0.94 | 0.48 | 0.82 |
|  |  | Ln AAT Age 28 months(mg/g) | 476 | Control | 0.11 (-0.1, 0.31) | 0.31 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | 0.23 (0.05, 0.41) | 0.01 | 0.94 | 0.41 | 0.82 |
|  |  | Ln NEO Age 28 months (nmol/L) | 527 | Control | 0.06 (-0.11, 0.24) | 0.49 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.03 (-0.12, 0.19) | 0.71 | 0.97 | 0.9 | 0.93 |
|  |  |  |  |  |  |  |  |  |  |
|  | Ln Alpha(1)-acid glycoprotein (g/L) | Ln Lactulose Age 3 months (mmol/L) | 239 | Control | 0.06 (-0.13, 0.25) | 0.55 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.01 (-0.18, 0.2) | 0.91 | 0.97 | 0.84 | 0.93 |
|  |  | Ln Mannitol Age 3 months (mmol/L) | 446 | Control | 0.03 (-0.19, 0.24) | 0.82 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.18 (-0.38, 0.01) | 0.07 | 0.94 | 0.17 | 0.67 |
|  |  | Ln MPO Age 3 months (ng/mL) | 529 | Control | 0.05 (-0.29, 0.39) | 0.79 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.01 (-0.33, 0.3) | 0.94 | 0.97 | 0.57 | 0.85 |
|  |  | Ln AAT Age 3 months(mg/g) | 240 | Control | 0.19 (-0.01, 0.39) | 0.07 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | -0.14 (-0.34, 0.05) | 0.14 | 0.94 | 0.01 | 0.65 |
|  |  | Ln NEO Age 3 months (nmol/L) | 493 | Control | 0.09 (-0.06, 0.25) | 0.25 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | -0.03 (-0.16, 0.11) | 0.71 | 0.97 | 0.21 | 0.67 |
|  |  | Ln Lactulose Age 14 months (mmol/L) | 532 | Control | 0.03 (-0.15, 0.21) | 0.77 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.03 (-0.13, 0.18) | 0.76 | 0.97 | 0.88 | 0.93 |
|  |  | Ln Mannitol Age 14 months (mmol/L) | 240 | Control | -0.05 (-0.18, 0.09) | 0.51 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0 (-0.13, 0.12) | 0.95 | 0.97 | 0.59 | 0.85 |
|  |  | Ln MPO Age 14 months (ng/mL) | 448 | Control | 0.02 (-0.14, 0.17) | 0.85 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.01 (-0.15, 0.13) | 0.91 | 0.97 | 0.77 | 0.91 |
|  |  | Ln AAT Age 14 months(mg/g) | 533 | Control | 0.03 (-0.14, 0.2) | 0.72 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.16 (-0.32, -0.01) | 0.04 | 0.94 | 0.1 | 0.65 |
|  |  | Ln NEO Age 14 months (nmol/L) | 447 | Control | -0.14 (-0.31, 0.03) | 0.1 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | -0.01 (-0.17, 0.14) | 0.86 | 0.97 | 0.25 | 0.67 |
|  |  | Ln REG1β Age 14 months (µg/mL) | 295 | Control | 0.01 (-0.2, 0.22) | 0.96 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.07 (-0.11, 0.26) | 0.44 | 0.97 | 0.91 | 0.93 |
|  |  | Ln Lactulose Age 28 months (mmol/L) | 479 | Control | 0.07 (-0.13, 0.28) | 0.49 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.01 (-0.18, 0.17) | 0.95 | 0.97 | 0.78 | 0.91 |
|  |  | Ln Mannitol Age 28 months (mmol/L) | 527 | Control | -0.03 (-0.21, 0.16) | 0.8 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.08 (-0.09, 0.25) | 0.35 | 0.94 | 0.46 | 0.82 |
|  |  | Ln MPO Age 28 months (ng/mL) | 295 | Control | 0.03 (-0.17, 0.23) | 0.77 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.11 (-0.06, 0.29) | 0.21 | 0.94 | 0.78 | 0.91 |
|  |  | Ln AAT Age 28 months(mg/g) | 476 | Control | 0.15 (-0.06, 0.37) | 0.15 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | 0.01 (-0.17, 0.19) | 0.91 | 0.97 | 0.23 | 0.67 |
|  |  | Ln NEO Age 28 months (nmol/L) | 527 | Control | 0.02 (-0.12, 0.17) | 0.77 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.06 (-0.08, 0.2) | 0.39 | 0.95 | 0.8 | 0.91 |
|  |  |  |  |  |  |  |  |  |  |
|  | Maternal Sumscore of 13 plasma cytokines | Ln Lactulose Age 3 months (mmol/L) | 223 | Control | 0.08 (-0.27, 0.42) | 0.68 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.22 (-0.52, 0.08) | 0.15 | 0.94 | 0.05 | 0.65 |
|  |  | Ln Mannitol Age 3 months (mmol/L) | 421 | Control | -0.02 (-0.41, 0.38) | 0.93 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.15 (-0.52, 0.22) | 0.44 | 0.97 | 0.32 | 0.69 |
|  |  | Ln MPO Age 3 months (ng/mL) | 503 | Control | -0.07 (-0.28, 0.15) | 0.55 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.12 (-0.04, 0.28) | 0.15 | 0.94 | 0.12 | 0.65 |
|  |  | Ln AAT Age 3 months(mg/g) | 224 | Control | 0.23 (-0.08, 0.55) | 0.15 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | 0.03 (-0.24, 0.3) | 0.84 | 0.97 | 0.19 | 0.67 |
|  |  | Ln NEO Age 3 months (nmol/L) | 410 | Control | -0.04 (-0.26, 0.17) | 0.71 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | 0.07 (-0.09, 0.23) | 0.41 | 0.95 | 0.33 | 0.69 |
|  |  | Ln Lactulose Age 14 months (mmol/L) | 505 | Control | 0.12 (-0.08, 0.32) | 0.26 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | 0.03 (-0.12, 0.18) | 0.7 | 0.97 | 0.51 | 0.84 |
|  |  | Ln Mannitol Age 14 months (mmol/L) | 224 | Control | 0.13 (-0.08, 0.34) | 0.24 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | 0.07 (-0.07, 0.22) | 0.34 | 0.94 | 0.57 | 0.85 |
|  |  | Ln MPO Age 14 months (ng/mL) | 422 | Control | 0.06 (-0.13, 0.25) | 0.54 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.09 (-0.25, 0.08) | 0.3 | 0.94 | 0.45 | 0.82 |
|  |  | Ln AAT Age 14 months(mg/g) | 505 | Control | 0.14 (-0.09, 0.36) | 0.24 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | -0.09 (-0.26, 0.08) | 0.29 | 0.94 | 0.09 | 0.65 |
|  |  | Ln NEO Age 14 months (nmol/L) | 421 | Control | 0.09 (-0.13, 0.3) | 0.45 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.03 (-0.19, 0.14) | 0.77 | 0.97 | 0.73 | 0.91 |
|  |  | Ln REG1β Age 14 months (µg/mL) | 275 | Control | 0.21 (-0.08, 0.49) | 0.16 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | -0.13 (-0.35, 0.1) | 0.28 | 0.94 | 0.13 | 0.65 |
|  |  | Ln Lactulose Age 28 months (mmol/L) | 394 | Control | 0.01 (-0.25, 0.26) | 0.97 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.01 (-0.2, 0.19) | 0.94 | 0.97 | 0.93 | 0.93 |
|  |  | Ln Mannitol Age 28 months (mmol/L) | 499 | Control | -0.12 (-0.37, 0.13) | 0.37 | 0.94 |  |  |
|  |  |  |  | Nutrition + WSH | 0.11 (-0.08, 0.3) | 0.24 | 0.94 | 0.15 | 0.65 |
|  |  | Ln MPO Age 28 months (ng/mL) | 275 | Control | 0.02 (-0.23, 0.27) | 0.87 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.13 (-0.32, 0.06) | 0.19 | 0.94 | 0.09 | 0.65 |
|  |  | Ln AAT Age 28 months(mg/g) | 394 | Control | -0.09 (-0.34, 0.16) | 0.48 | 0.97 |  |  |
|  |  |  |  | Nutrition + WSH | -0.04 (-0.24, 0.16) | 0.7 | 0.97 | 0.9 | 0.93 |
|  |  | Ln NEO Age 28 months (nmol/L) | 499 | Control | -0.09 (-0.29, 0.11) | 0.4 | 0.95 |  |  |
|  |  |  |  | Nutrition + WSH | 0.01 (-0.14, 0.17) | 0.86 | 0.97 | 0.31 | 0.69 |