

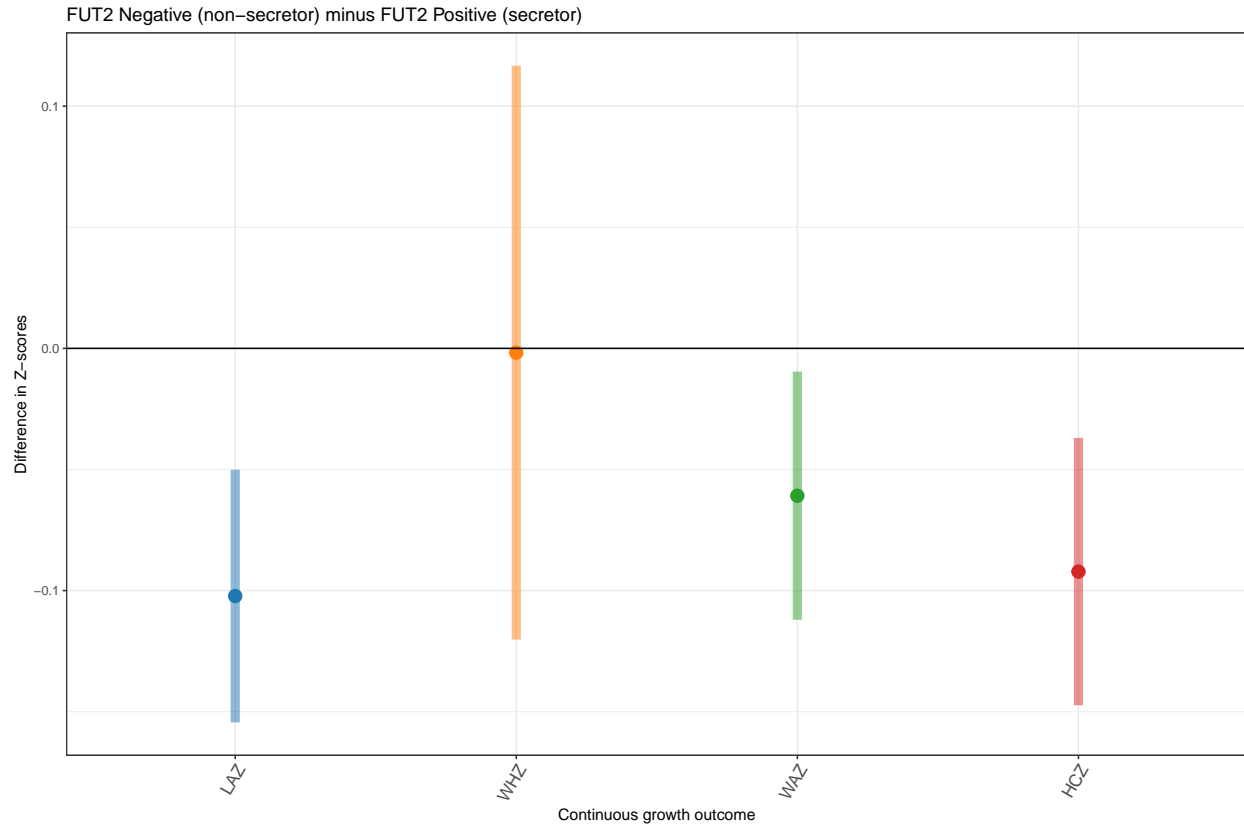
## Tables and Figures

### N's by treatment arm

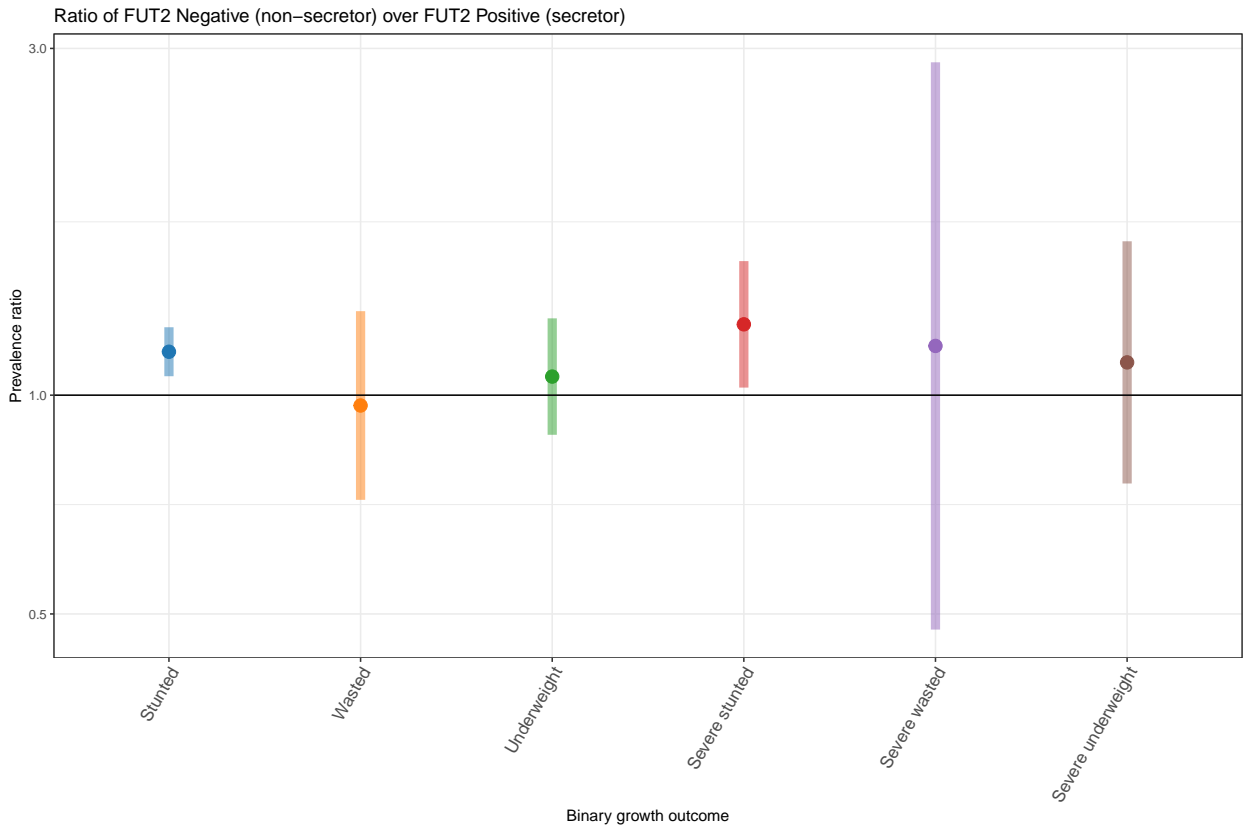
Treatment Arm	FUT2 Status	Number of Children	Number of Mothers
Overall	Positive	1022	893
Overall	Negative	323	308
Overall	Inconclusive	154	178
Control	Positive	245	213
Control	Negative	67	71
Control	Inconclusive	37	35
WSH	Positive	258	234
WSH	Negative	92	77
WSH	Inconclusive	39	51
Nutrition	Positive	253	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)

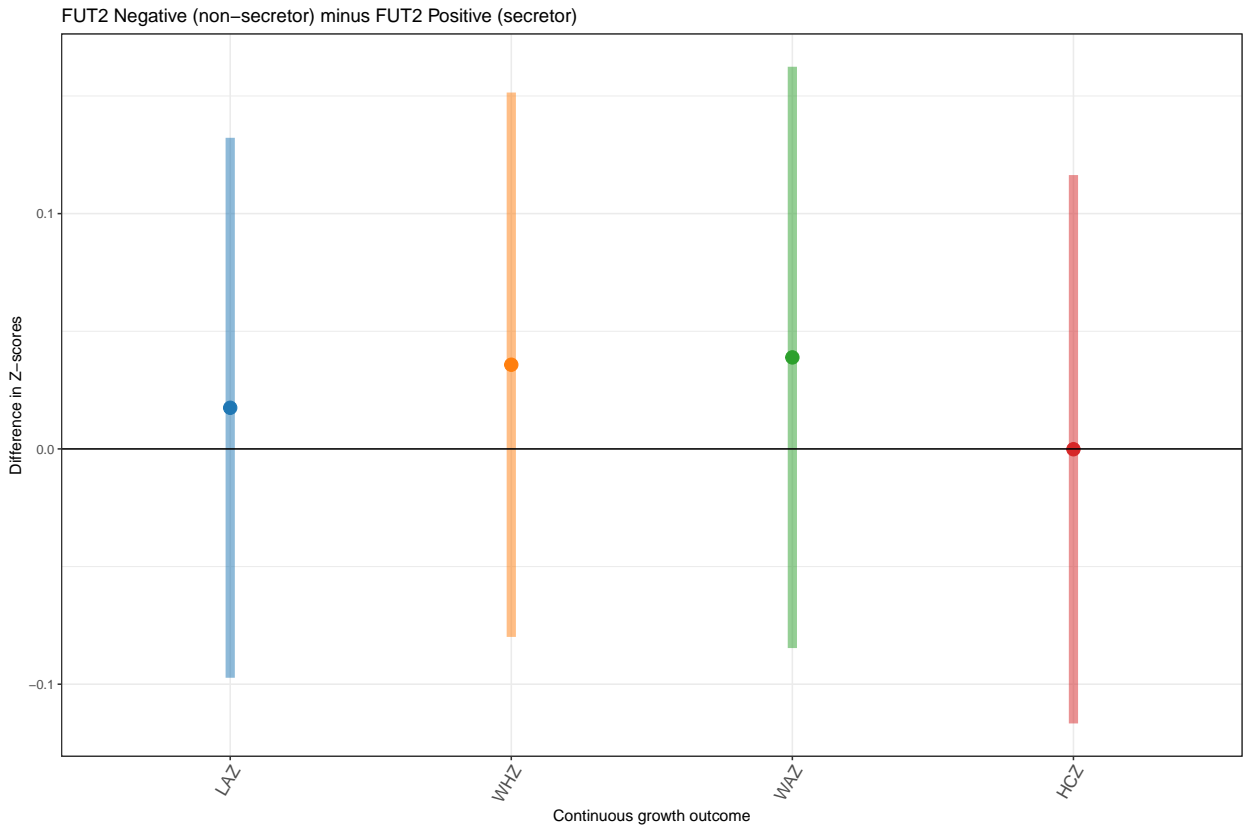
Child FUT2 status effect on continuous growth outcomes



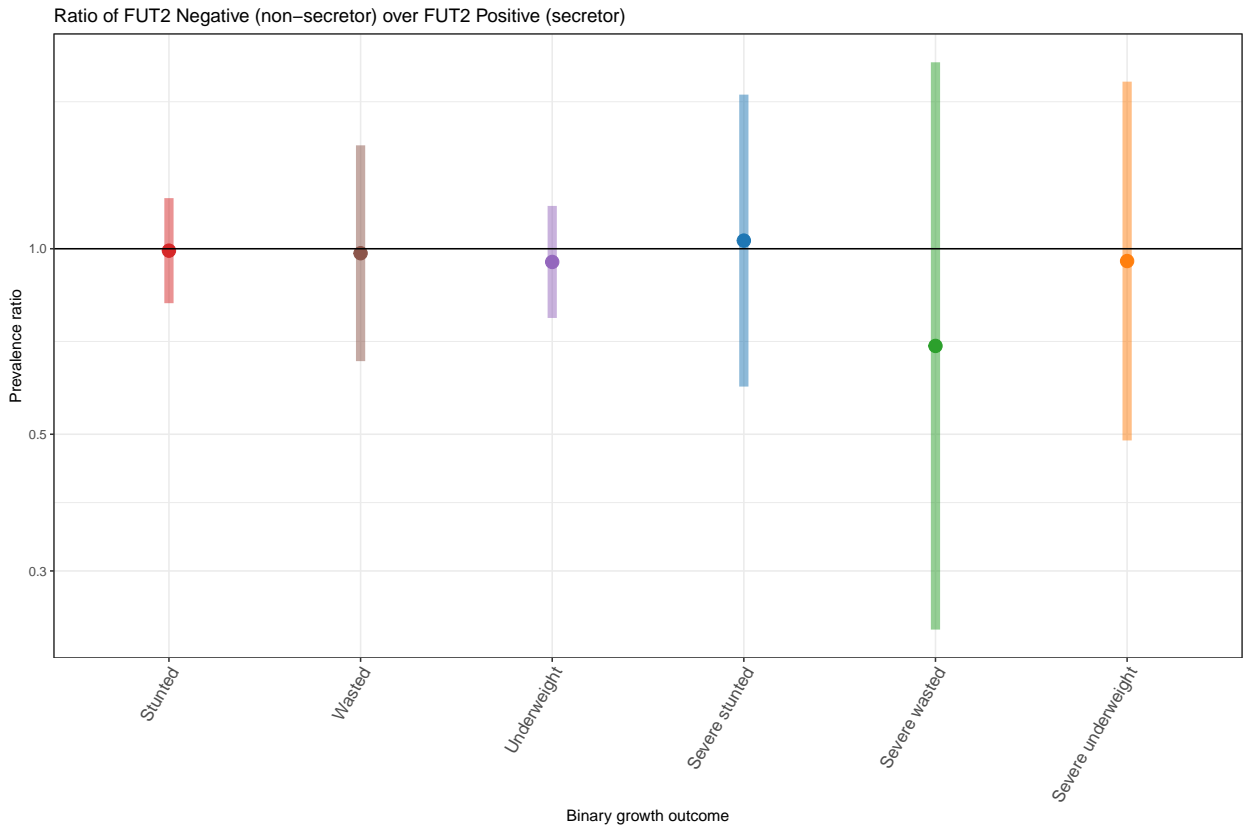
Child FUT2 status effect on binary growth outcomes



Mother FUT2 status effect on continuous growth outcomes

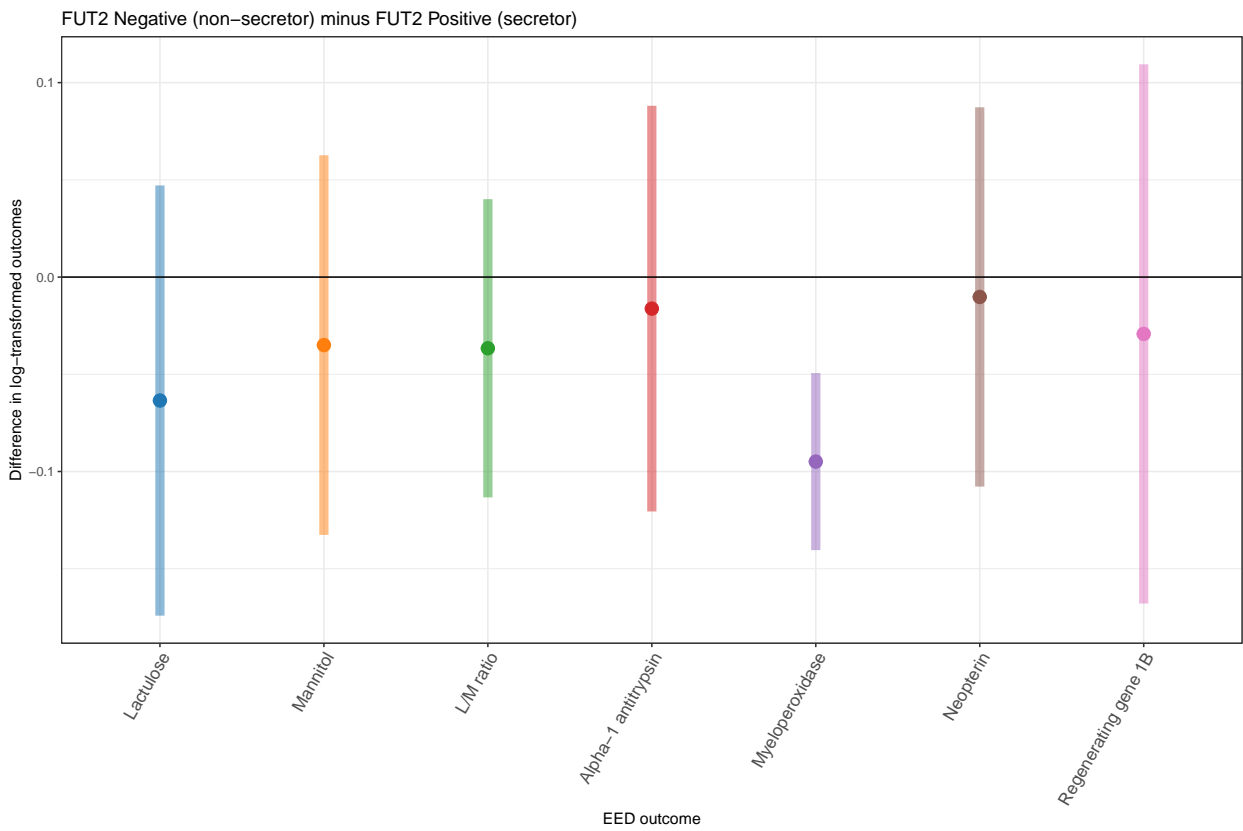


Mother FUT2 status effect on binary growth outcomes

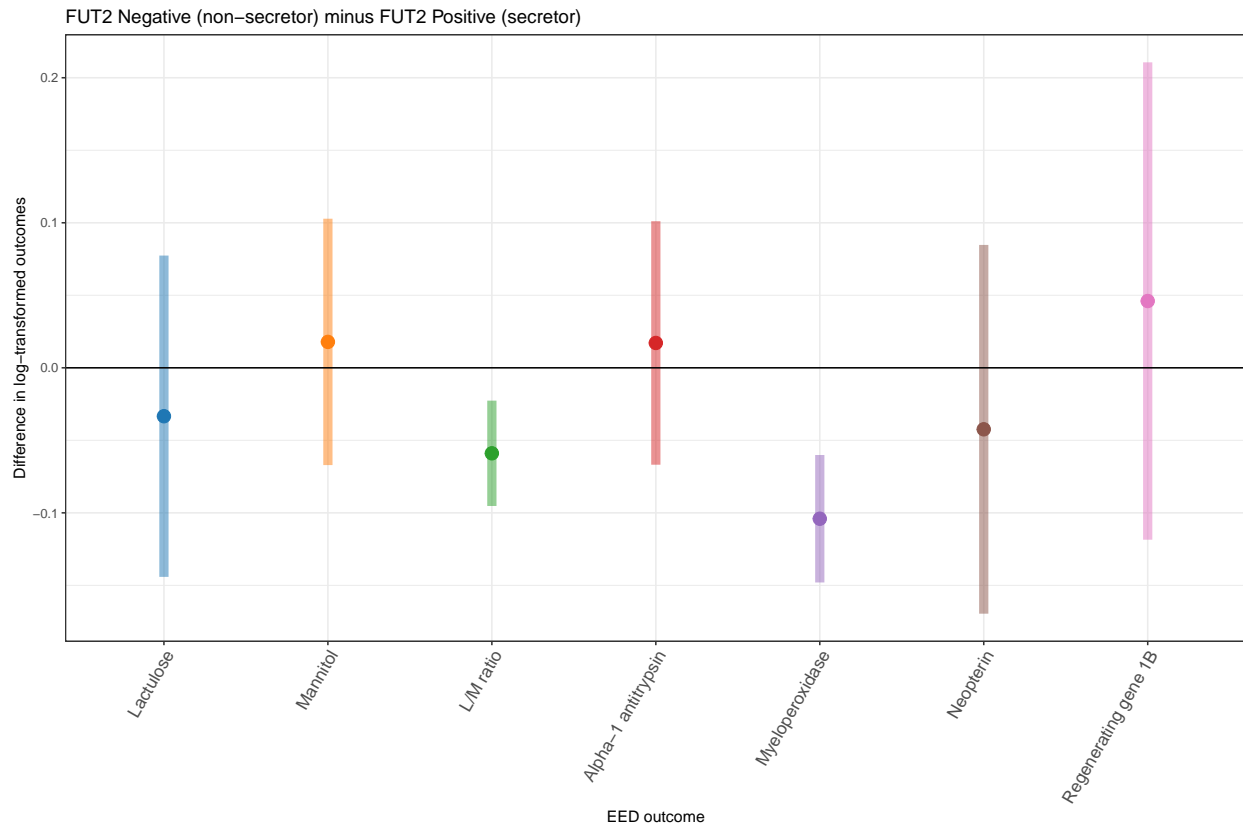


# Plots of associations between FUT2 status and EED outcomes (FUT2 as a risk factor)

Child FUT2 status effect on EED outcomes



## Mother's FUT2 status effect on EED outcomes

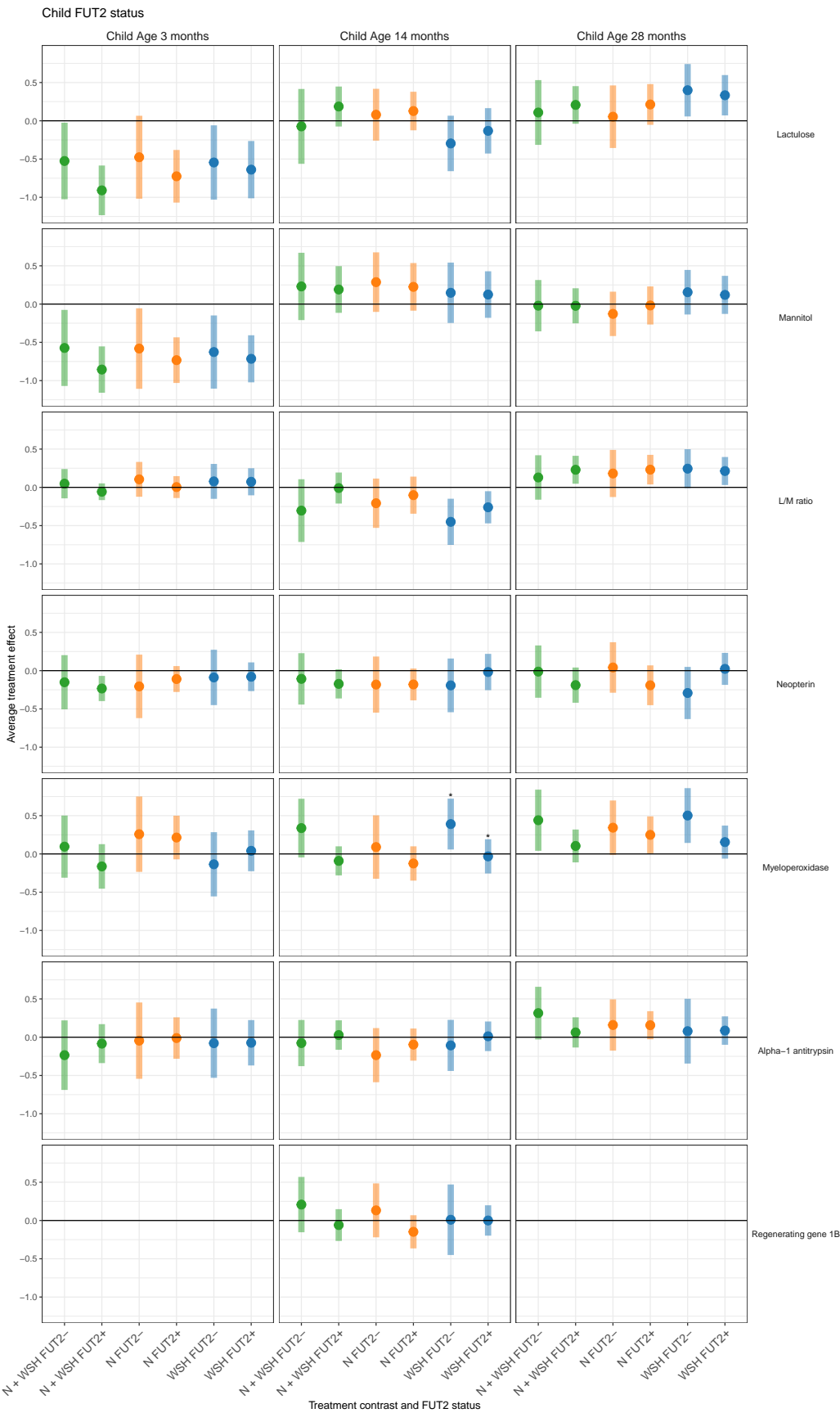


## Plots of WASH Benefits intervention effects, stratified by FUT2 status (FUT2 as an effect modifier)

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

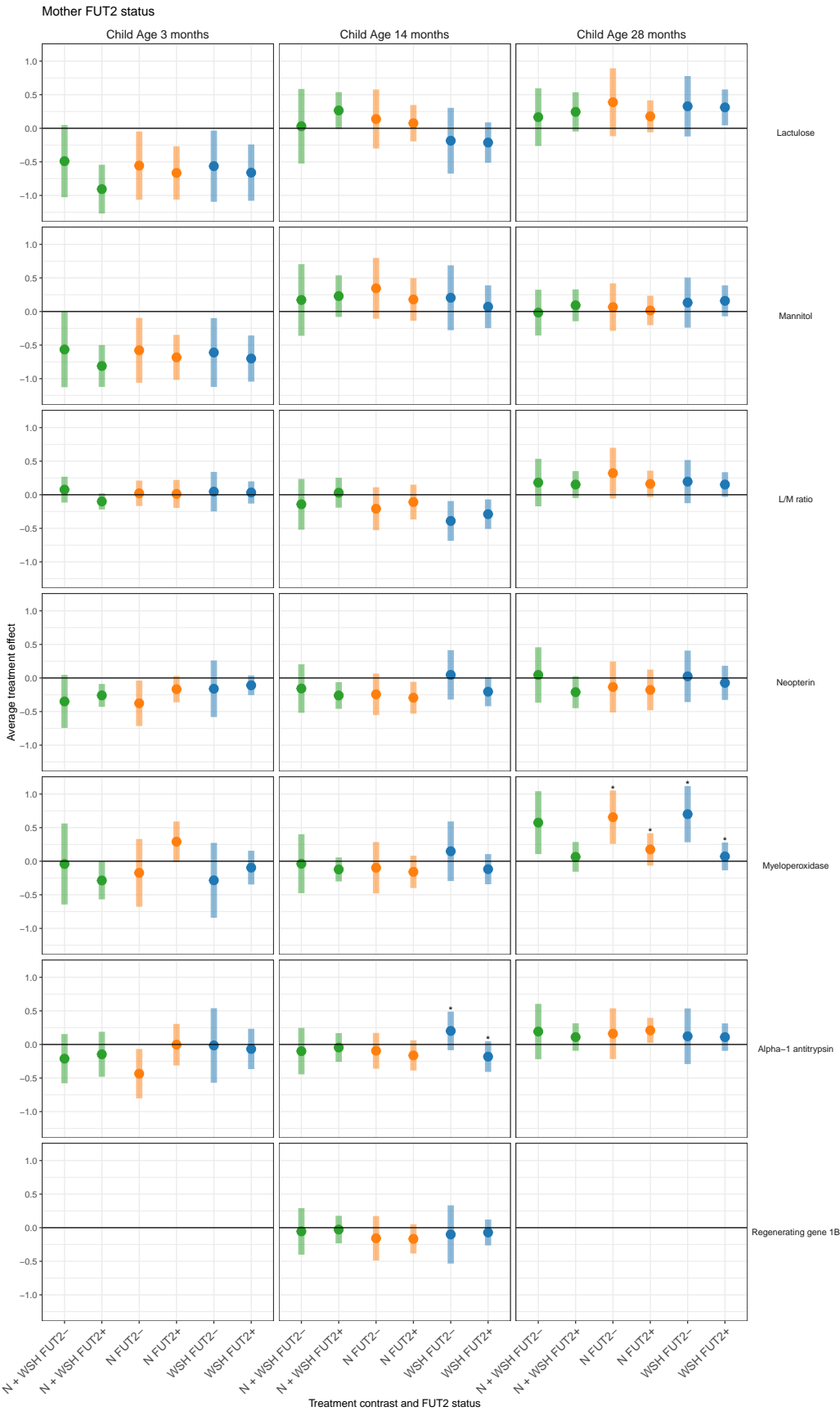
Columns are sampling round, and rows are EED outcomes.

Child FUT2 status



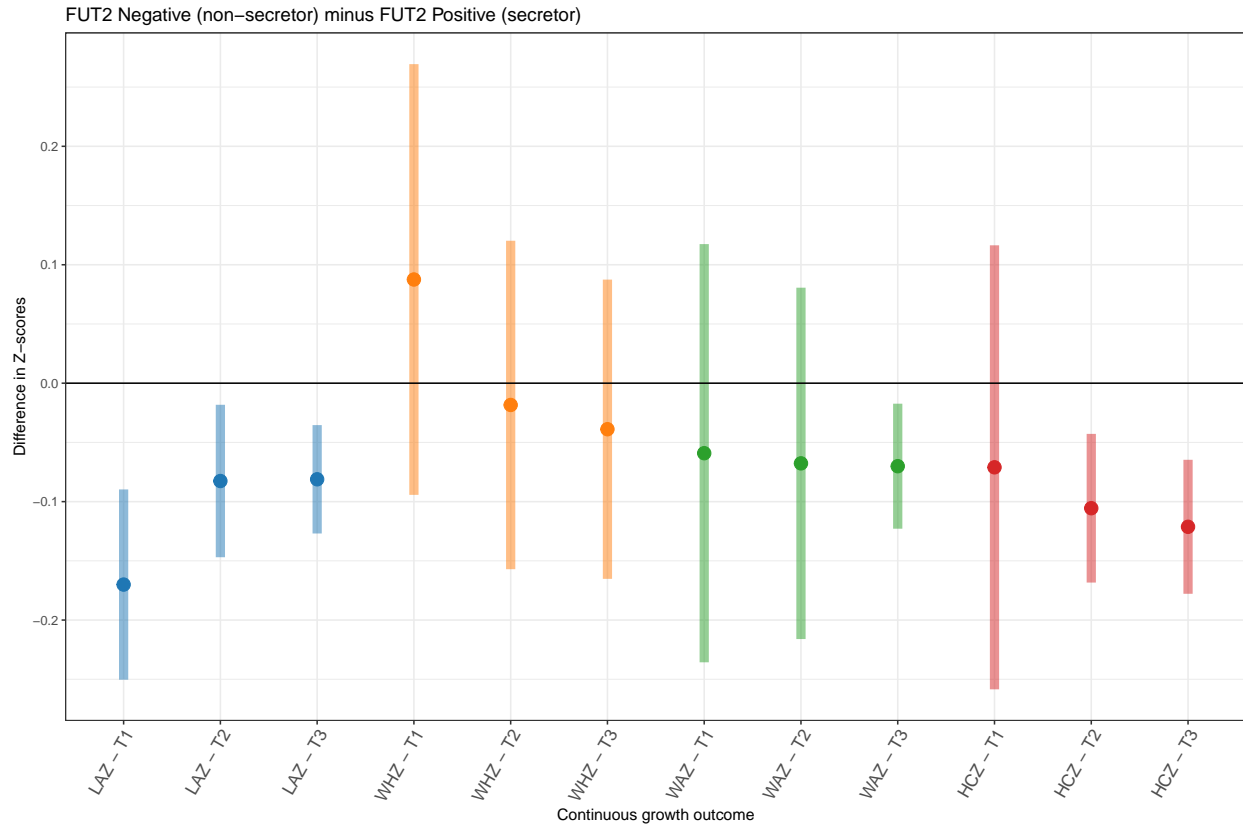


Maternal FUT2 status



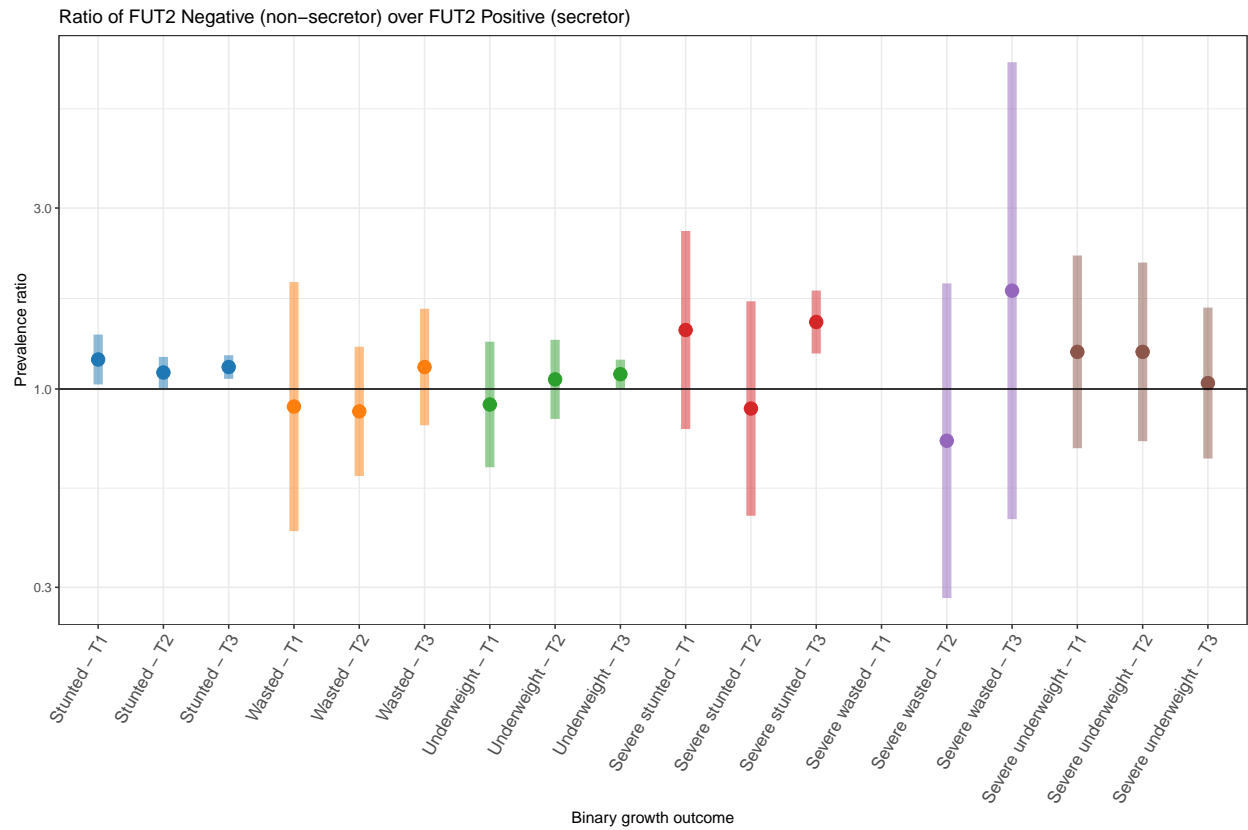
## Plots of associations between FUT2 status and growth outcomes (FUT2 as a risk factor) - Stratified by measurement round

### Child FUT2 status effect on continuous growth outcomes

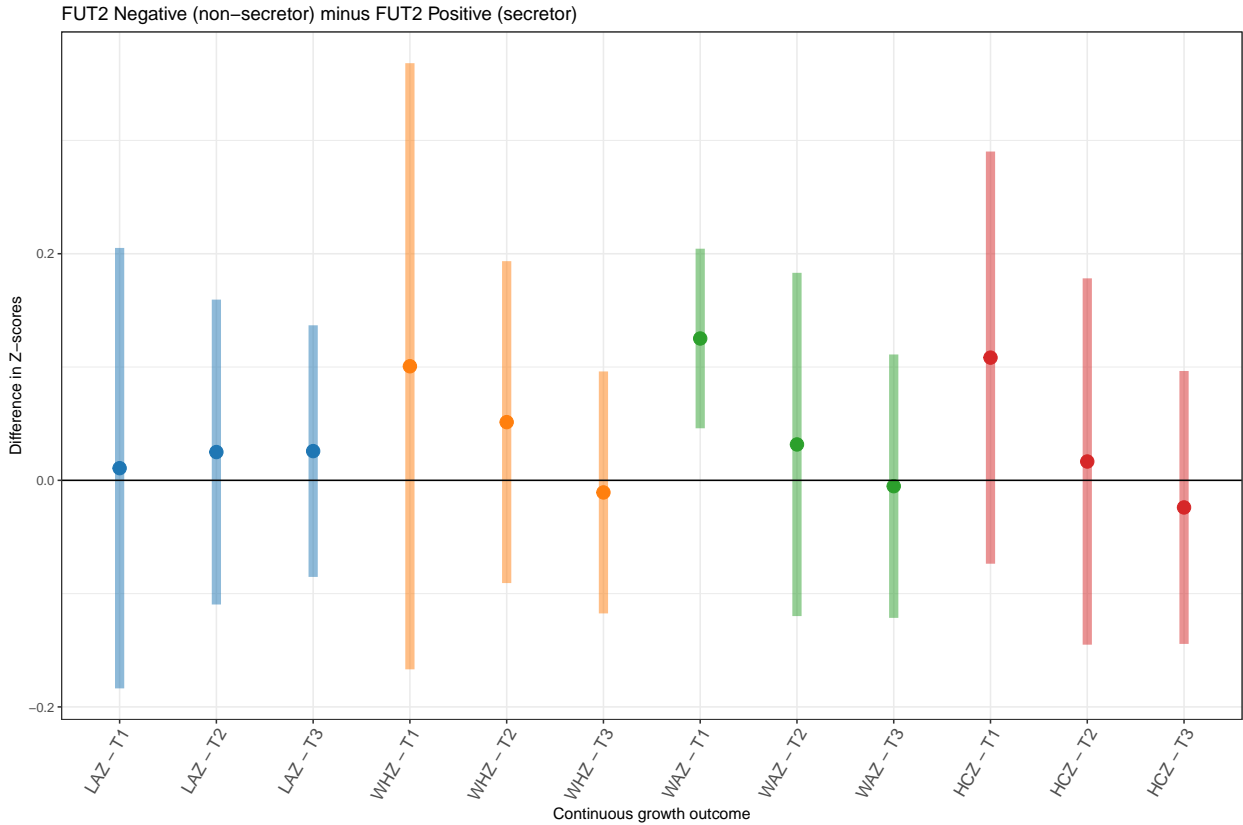


### Child FUT2 status effect on binary growth outcomes

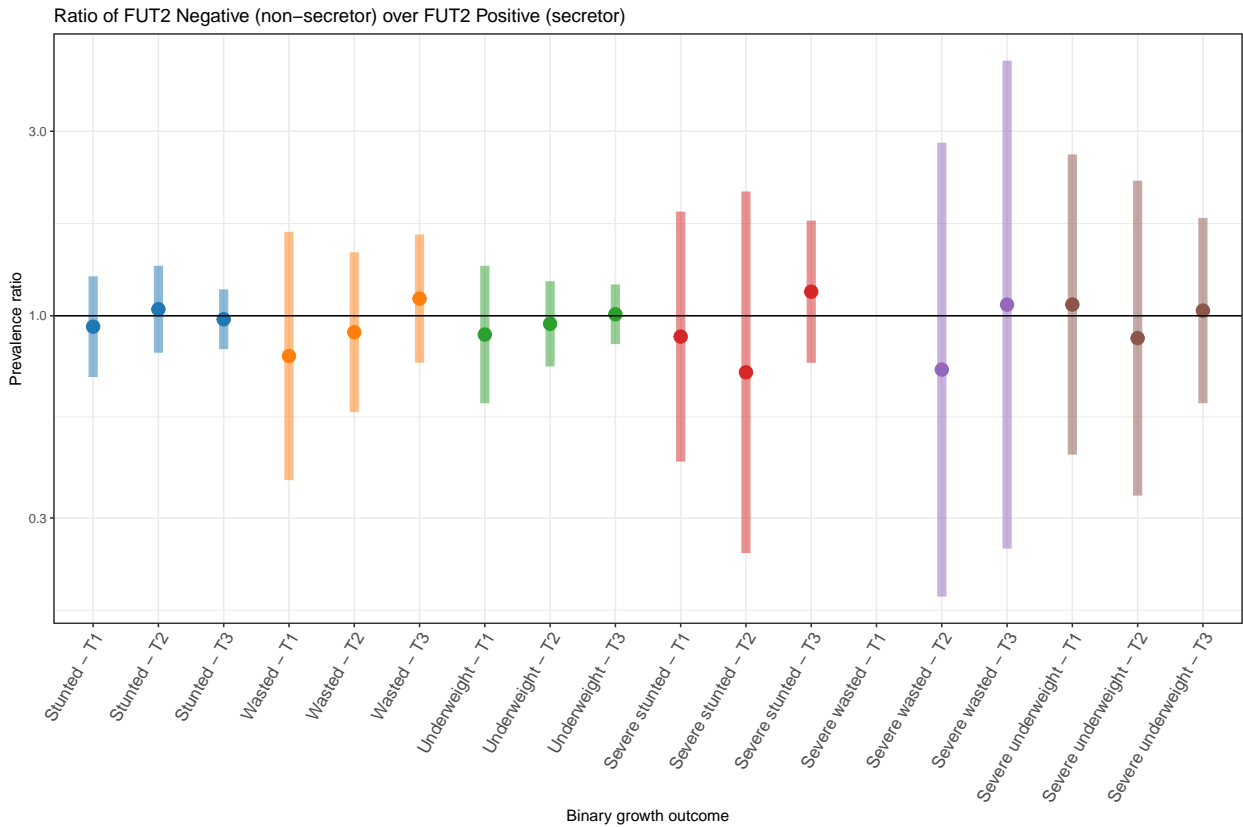
Note that severe wasting is very rare, with only 16 cases at time one and three, and 19 at time two. There are 0 cases of severe wasting among non-secretor at time 1, leading to an unstable, very small prevalence ratio estimate ( $2.32 \times 10^{-08}$ ). This estimate has been excluded from the below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



Mother FUT2 status effect on continuous growth outcomes

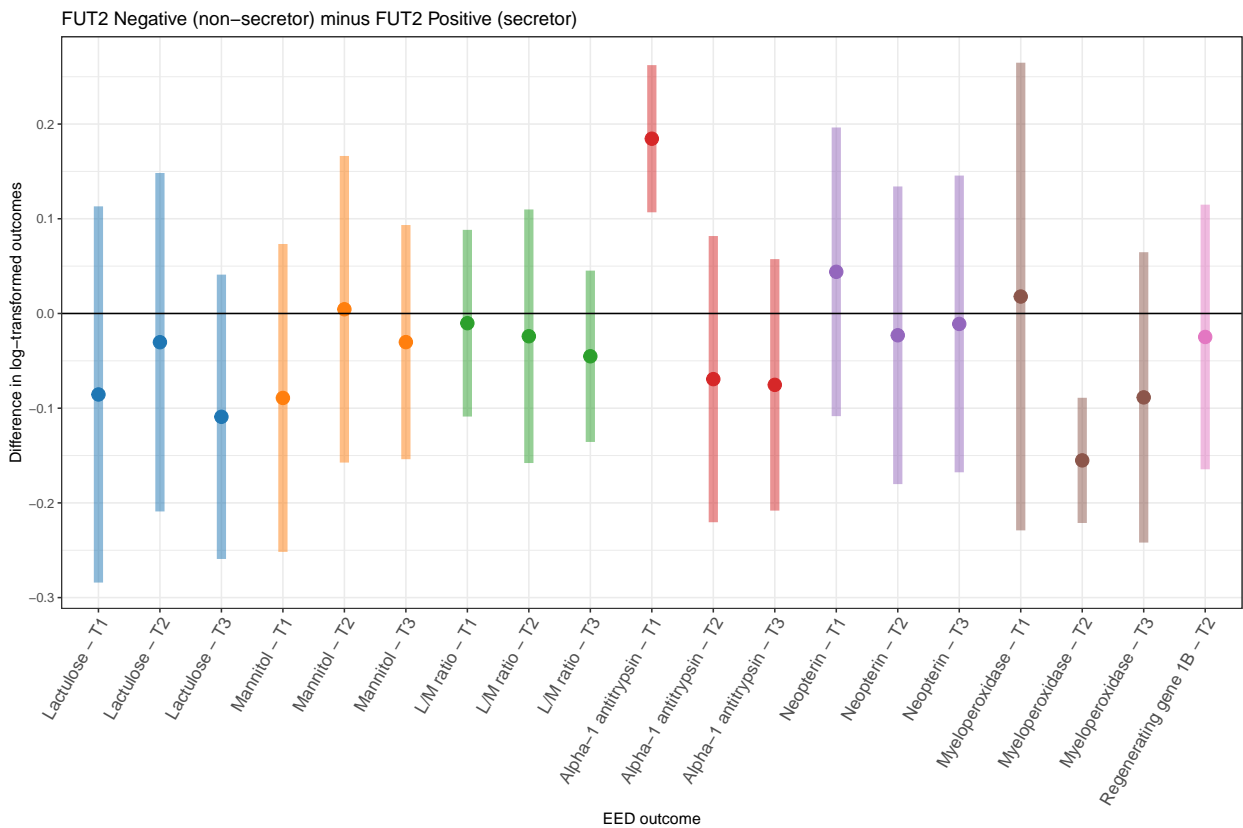


Mother FUT2 status effect on binary growth outcomes



# 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

