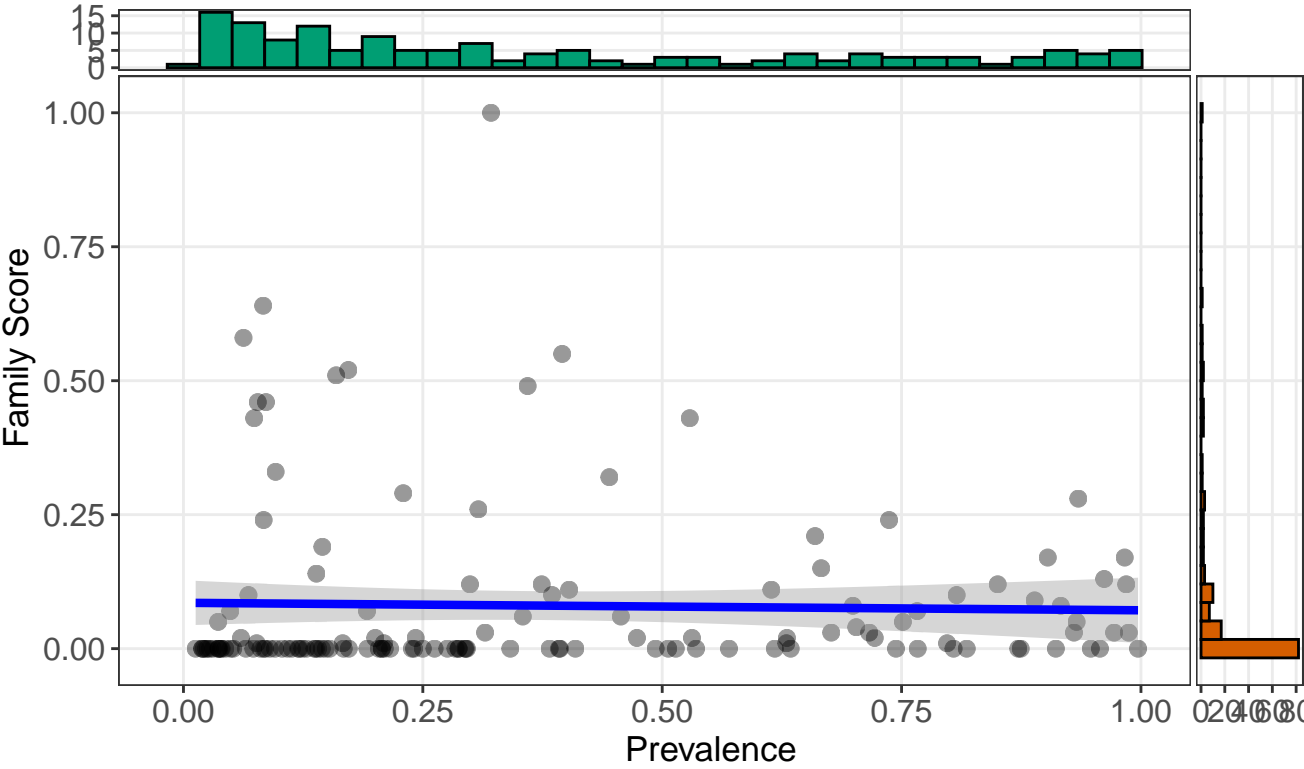


Stool Microbiome

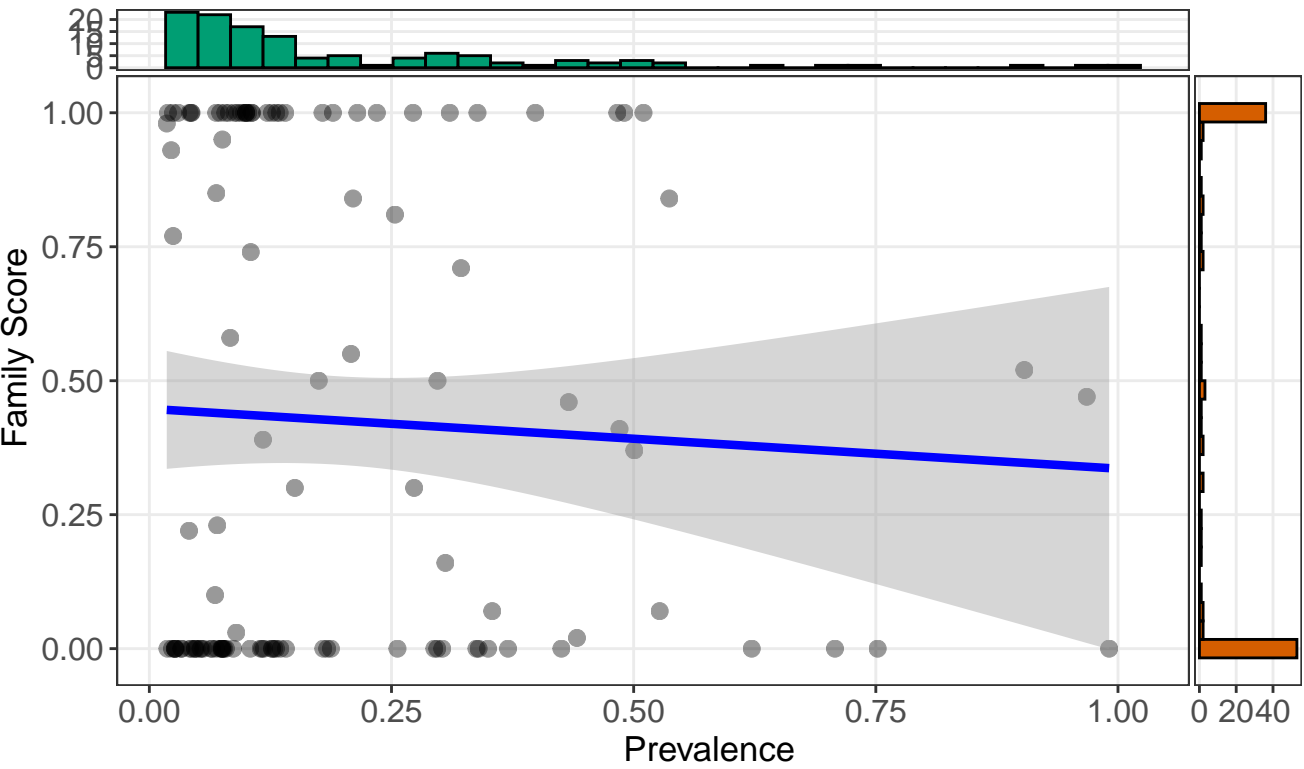
$t_{\text{Student}}(139) = -0.32, p = 0.75, \hat{r}_{\text{Pearson}} = -0.03, \text{CI}_{95\%} [-0.19, 0.14], n_{\text{pairs}} = 141$



$\log_e(\text{BF}_{01}) = 2.00, \hat{\rho}_{\text{Pearson}}^{\text{posterior}} = -0.02, \text{CI}_{95\%}^{\text{HDI}} [-0.19, 0.14], r_{\text{beta}}^{\text{JZS}} = 1.41$

Skin Microbiome

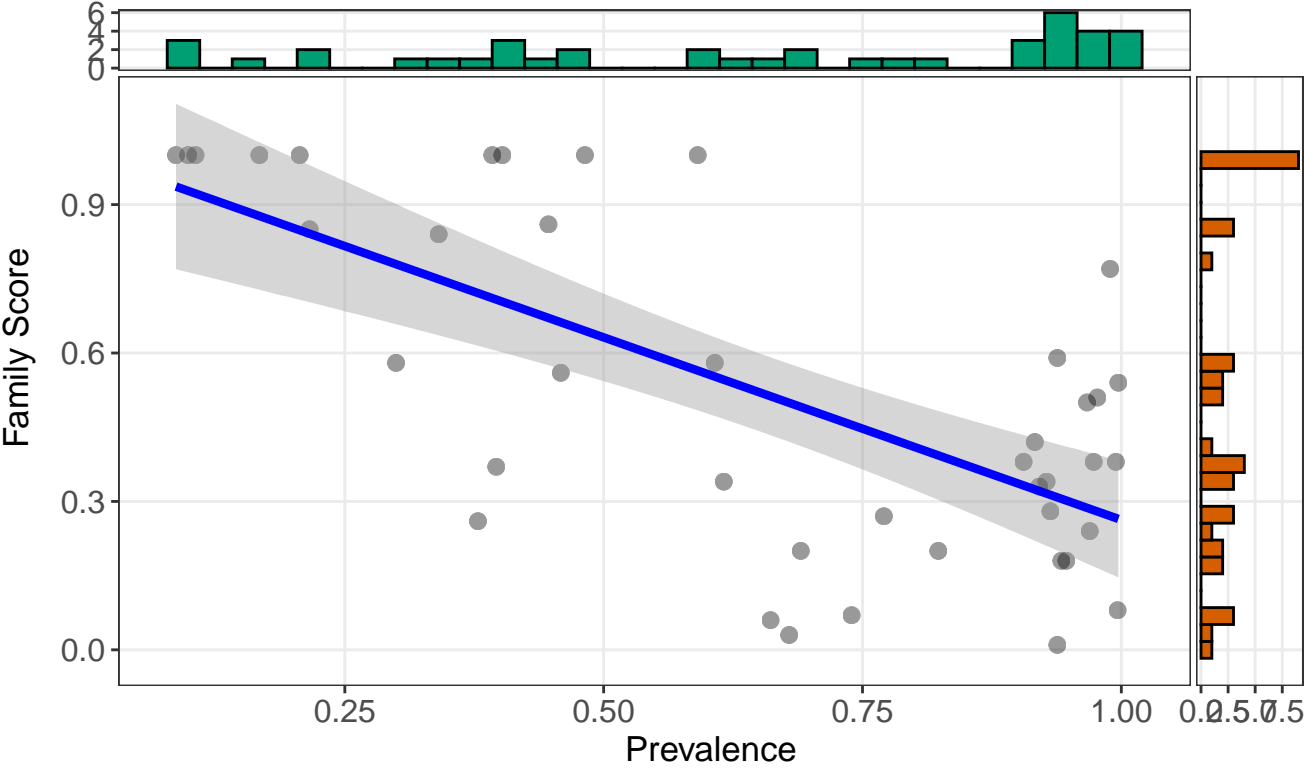
$t_{\text{Student}}(117) = -0.54, p = 0.59, \hat{r}_{\text{Pearson}} = -0.05, \text{CI}_{95\%} [-0.23, 0.13], n_{\text{pairs}} = 119$



$\log_e(\text{BF}_{01}) = 1.82, \hat{\rho}_{\text{Pearson}}^{\text{posterior}} = -0.05, \text{CI}_{95\%}^{\text{HDI}} [-0.22, 0.14], r_{\text{beta}}^{\text{JZS}} = 1.41$

Oral Microbiome

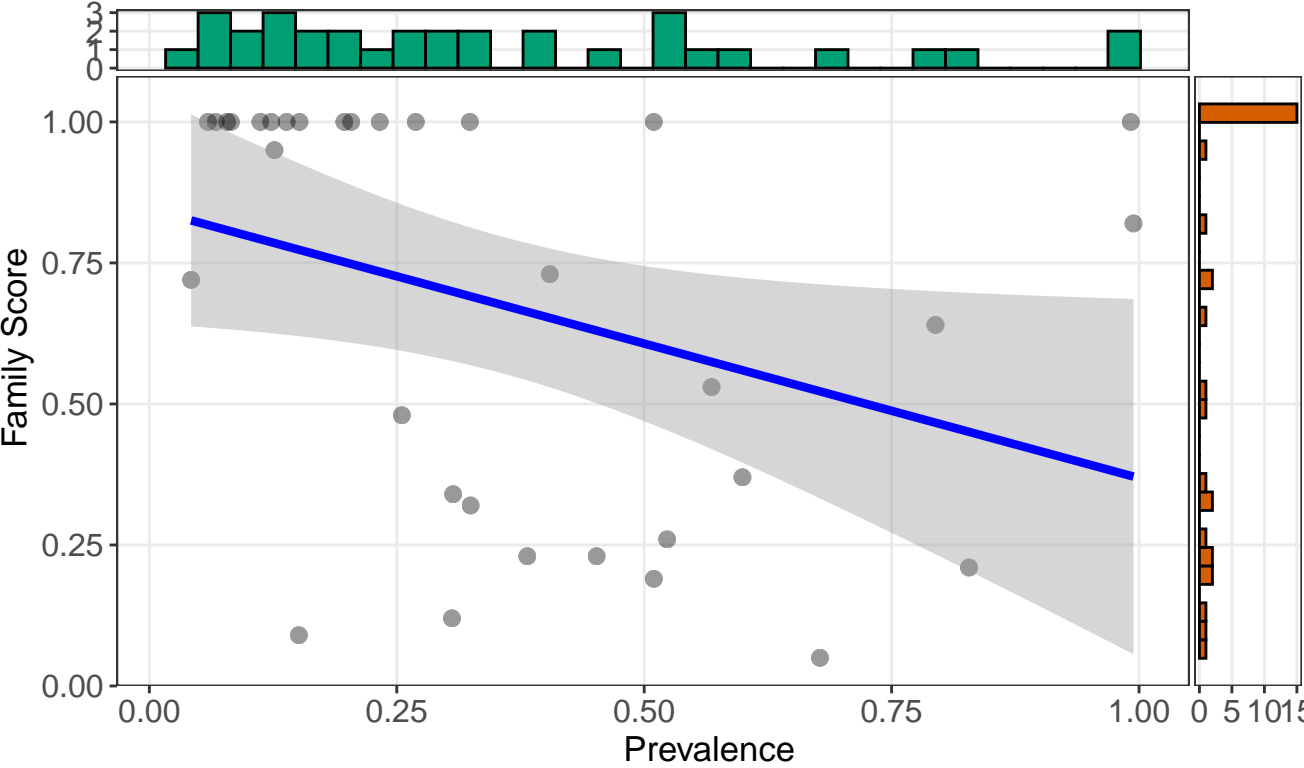
$t_{\text{Student}}(39) = -5.76, p = 1.12\text{e-}06, \hat{r}_{\text{Pearson}} = -0.68, \text{CI}_{95\%} [-0.82, -0.47], n_{\text{pairs}} = 41$



$\log_e(\text{BF}_{01}) = -9.77, \hat{\rho}_{\text{Pearson}}^{\text{posterior}} = -0.65, \text{CI}_{95\%}^{\text{HDI}} [-0.80, -0.44], r_{\text{beta}}^{\text{JZS}} = 1.41$

Nasal Microbiome

$t_{\text{Student}}(31) = -2.13, p = 0.04, \hat{r}_{\text{Pearson}} = -0.36, \text{CI}_{95\%} [-0.62, -0.02], n_{\text{pairs}} = 33$



$\log_e(\text{BF}_{01}) = -0.62, \hat{\rho}_{\text{Pearson}}^{\text{posterior}} = -0.33, \text{CI}_{95\%}^{\text{HDI}} [-0.63, -0.05], r_{\text{beta}}^{\text{JZS}} = 1.41$