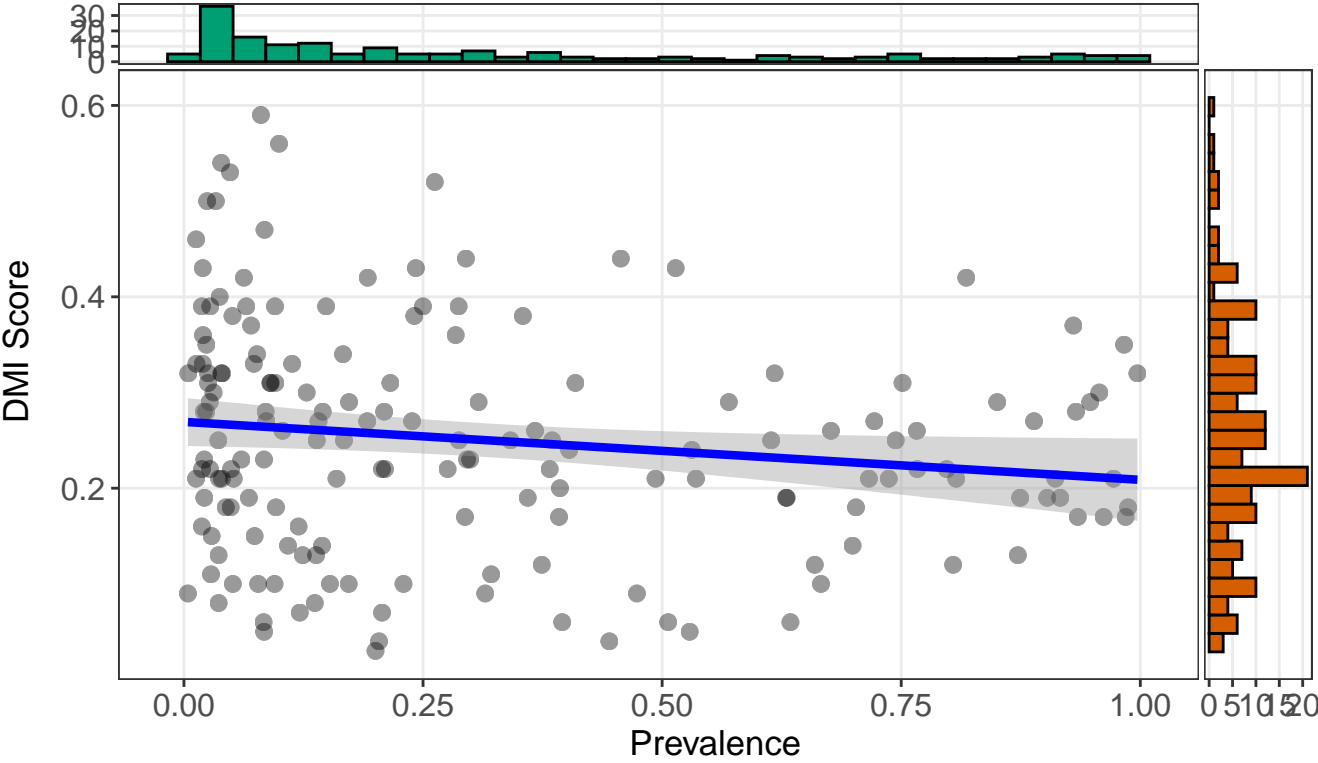


Stool Microbiome

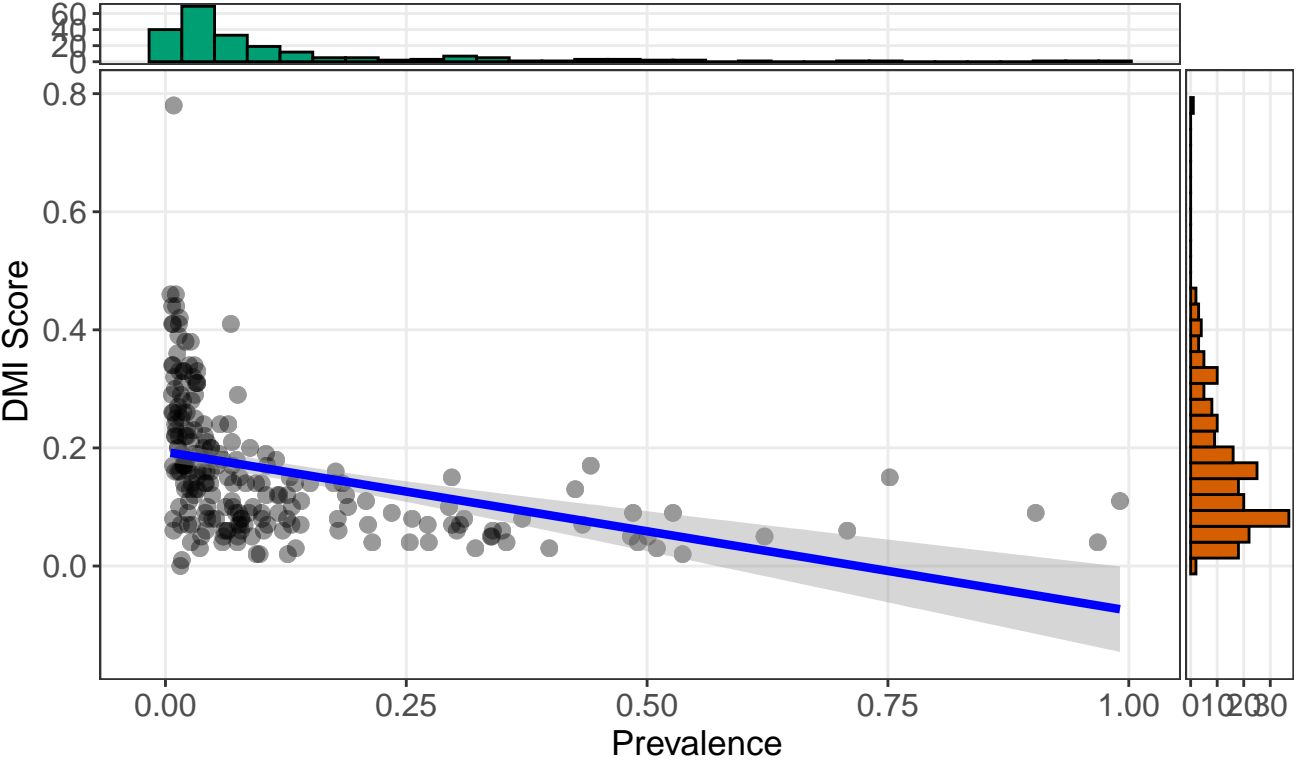
$t_{\text{Student}}(170) = -2.09, p = 0.04, \hat{r}_{\text{Pearson}} = -0.16, \text{CI}_{95\%} [-0.30, -8.58\text{e-}03], n_{\text{pairs}} = 172$



$\log_e(\text{BF}_{01}) = 0.03, \hat{\rho}_{\text{Pearson}}^{\text{posterior}} = -0.16, \text{CI}_{95\%}^{\text{HDI}} [-0.30, -0.02], r_{\text{beta}}^{\text{JZS}} = 1.41$

Skin Microbiome

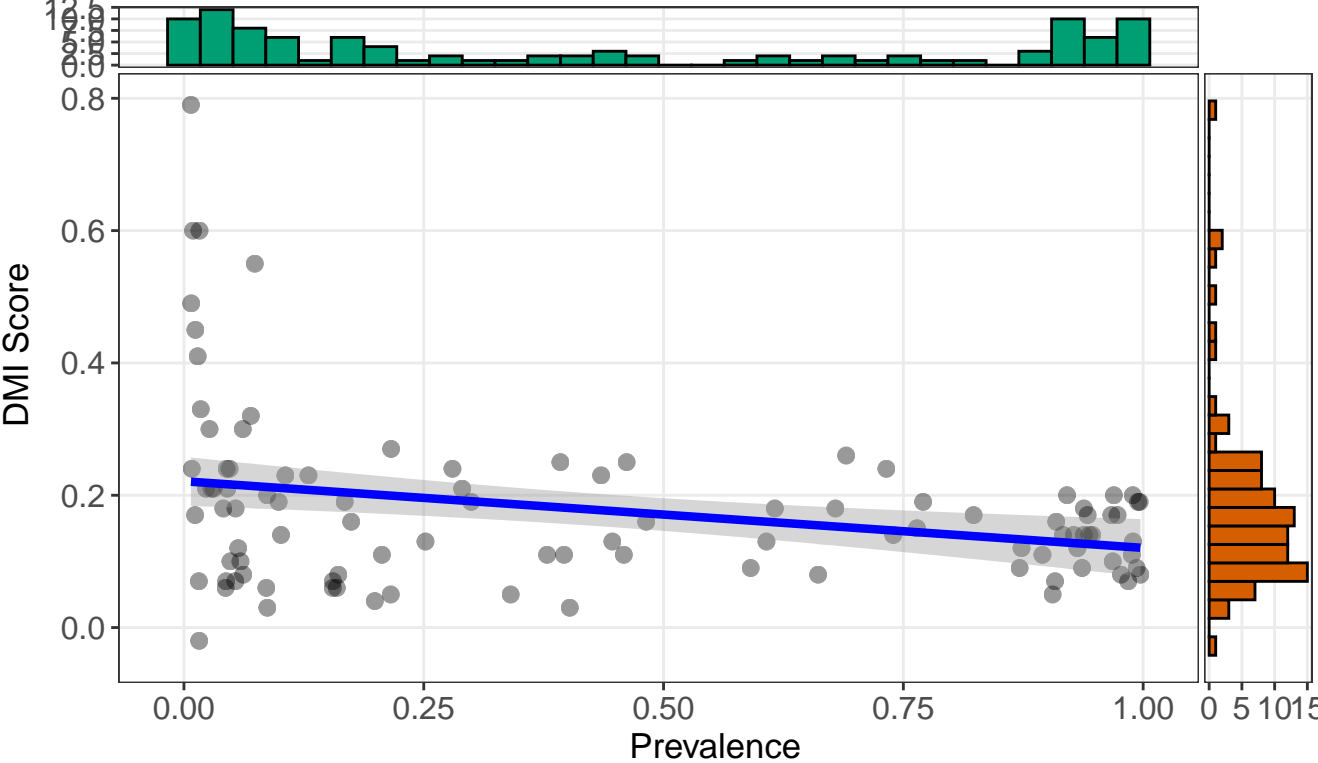
$t_{\text{Student}}(216) = -6.51, p = 5.14\text{e-}10, \hat{r}_{\text{Pearson}} = -0.41, \text{CI}_{95\%} [-0.51, -0.29], n_{\text{pairs}} = 218$



$\log_e(\text{BF}_{01}) = -16.85, \hat{\rho}_{\text{Pearson}}^{\text{posterior}} = -0.40, \text{CI}_{95\%}^{\text{HDI}} [-0.51, -0.29], r_{\text{beta}}^{\text{JZS}} = 1.41$

Oral Microbiome

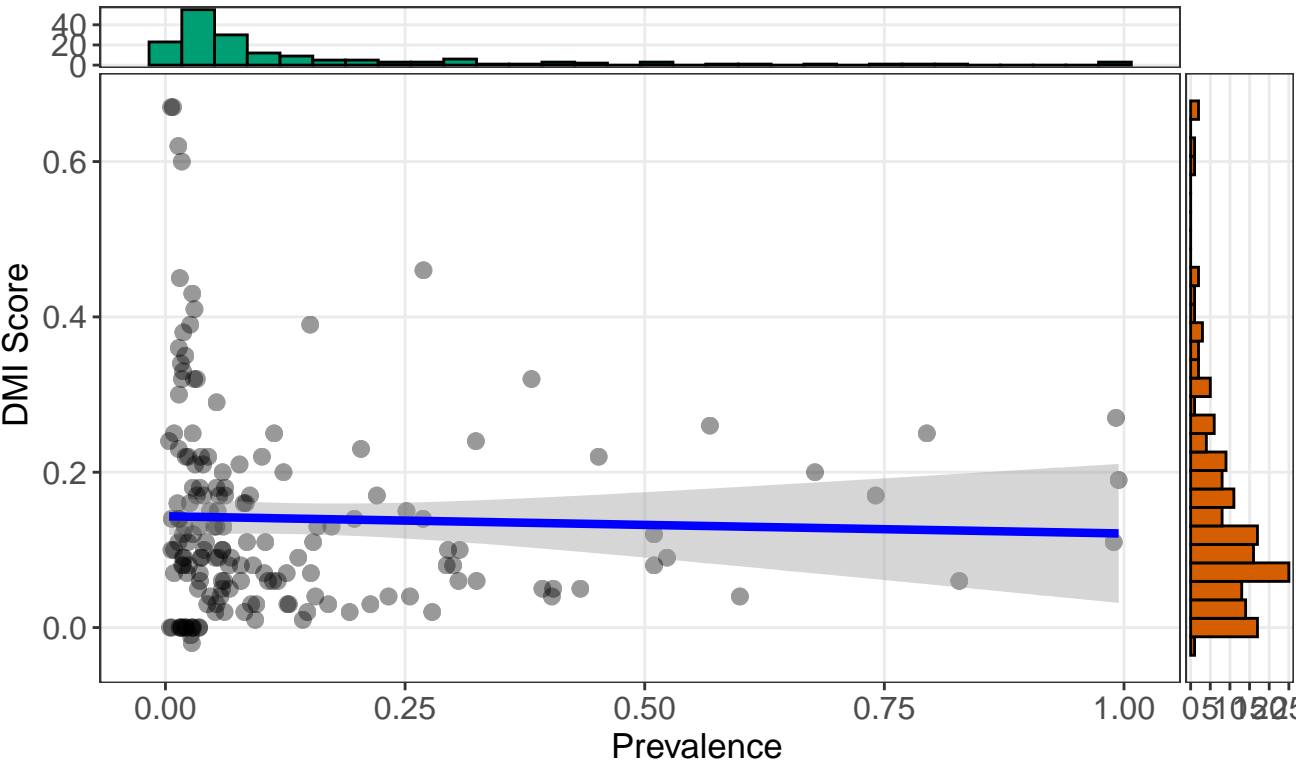
$t_{\text{Student}}(99) = -3.14, p = 2.20\text{e-}03, \hat{r}_{\text{Pearson}} = -0.30, \text{CI}_{95\%} [-0.47, -0.11], n_{\text{pairs}} = 101$



$\log_e(\text{BF}_{01}) = -2.70, \hat{\rho}_{\text{Pearson}}^{\text{posterior}} = -0.29, \text{CI}_{95\%}^{\text{HDI}} [-0.46, -0.11], r_{\text{beta}}^{\text{JZS}} = 1.41$

Nasal Microbiome

$t_{\text{Student}}(168) = -0.43, p = 0.67, \hat{r}_{\text{Pearson}} = -0.03, \text{CI}_{95\%} [-0.18, 0.12], n_{\text{pairs}} = 170$



$\log_e(\text{BF}_{01}) = 2.05, \hat{\rho}_{\text{Pearson}}^{\text{posterior}} = -0.03, \text{CI}_{95\%}^{\text{HDI}} [-0.18, 0.12], r_{\text{beta}}^{\text{JZS}} = 1.41$