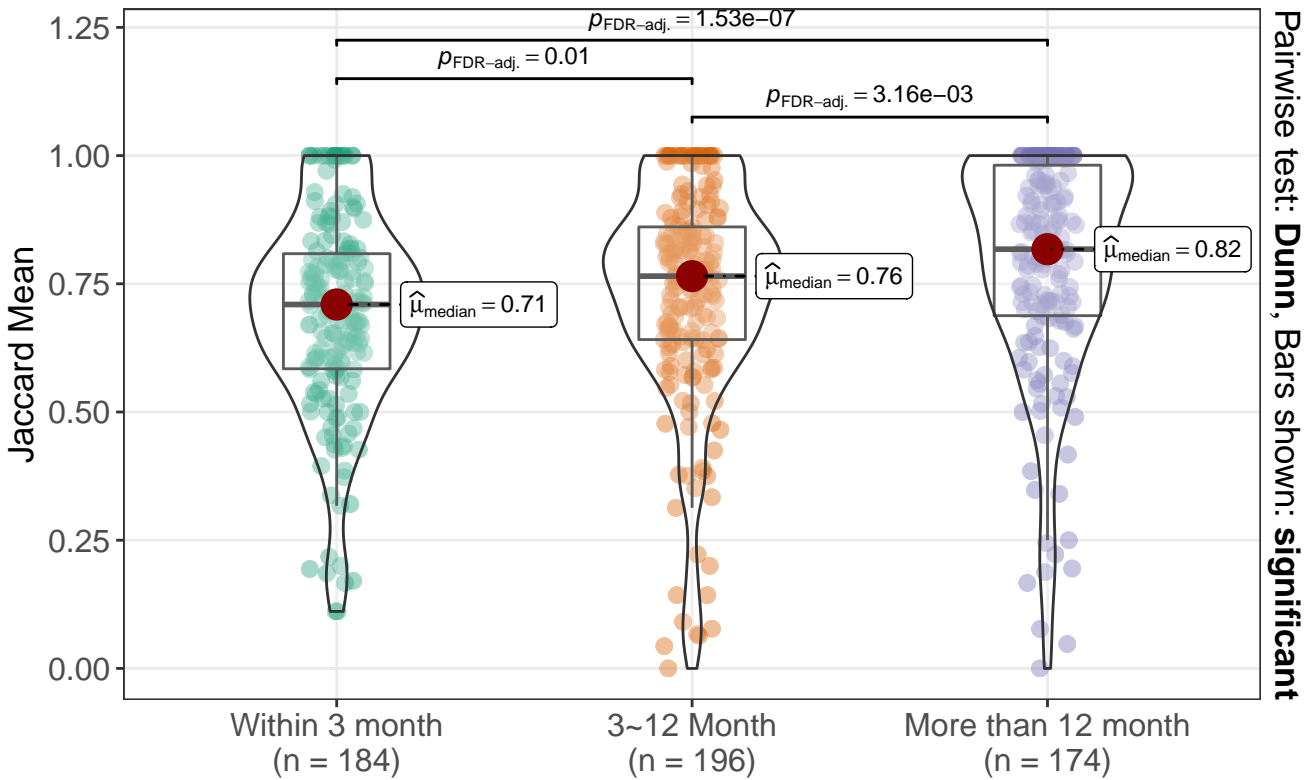


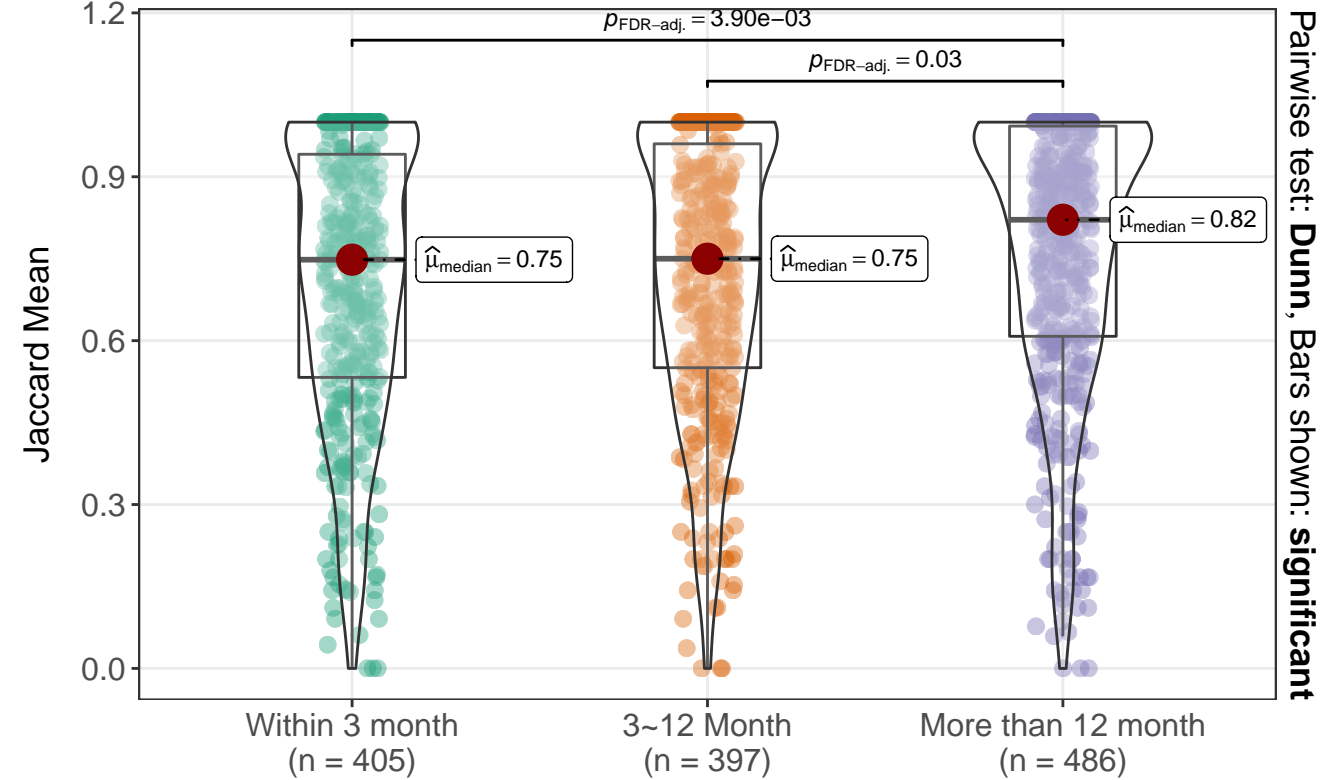
### Stool Microbiome replacement by time

$\chi^2_{\text{Kruskal-Wallis}}(2) = 29.75, p = 3.46\text{e-}07, \hat{\epsilon}^2_{\text{ordinal}} = 0.05, \text{CI}_{95\%} [0.03, 1.00], n_{\text{obs}} = 554$



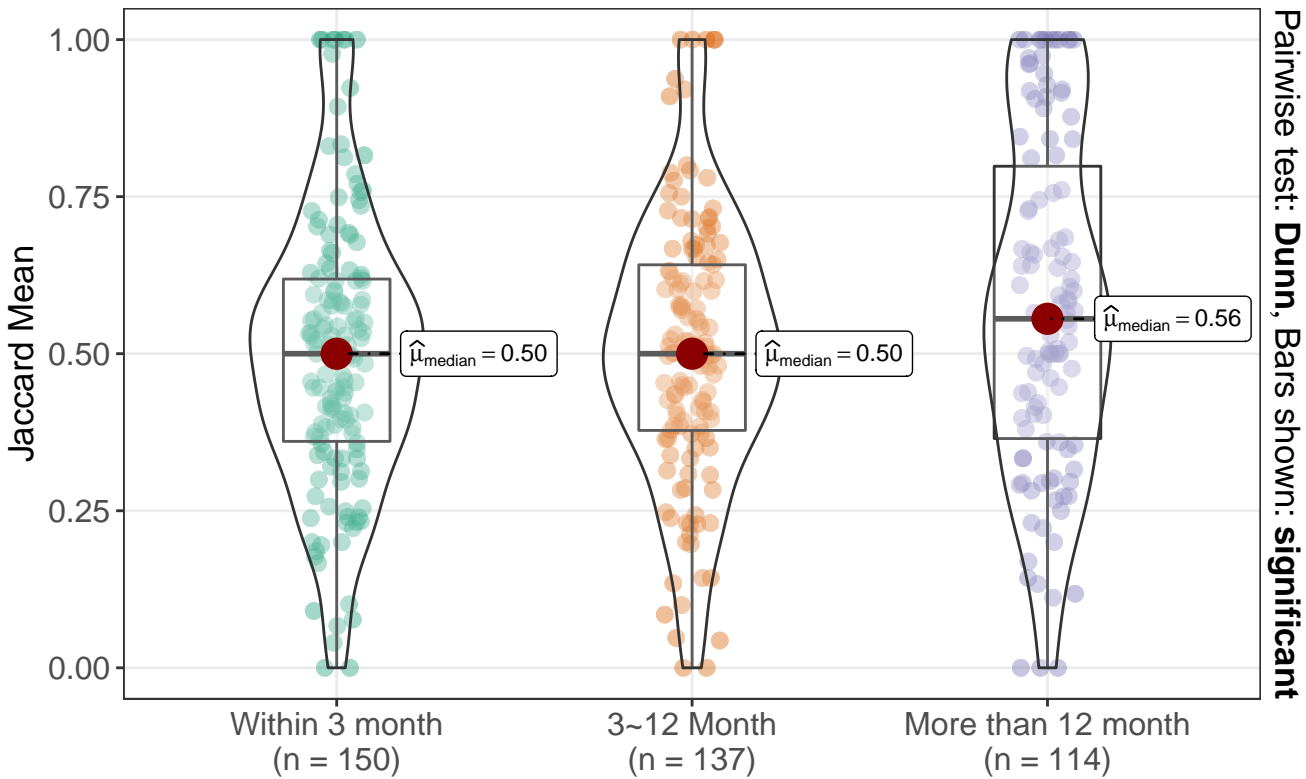
### Skin Microbiome replacement by time

$\chi^2_{\text{Kruskal-Wallis}}(2) = 11.37, p = 3.40\text{e-}03, \hat{\epsilon}^2_{\text{ordinal}} = 8.83\text{e-}03, \text{CI}_{95\%} [2.68\text{e-}03, 1.00], n_{\text{obs}} = 1,288$



### Oral Microbiome replacement by time

$\chi^2_{\text{Kruskal-Wallis}}(2) = 5.57, p = 0.06, \hat{\epsilon}^2_{\text{ordinal}} = 0.01, \text{CI}_{95\%} [2.32\text{e-}03, 1.00], n_{\text{obs}} = 401$



### Nasal Microbiome replacement by time

$\chi^2_{\text{Kruskal-Wallis}}(2) = 36.65, p = 1.10\text{e-}08, \hat{\epsilon}^2_{\text{ordinal}} = 0.04, \text{CI}_{95\%} [0.02, 1.00], n_{\text{obs}} = 1,015$

