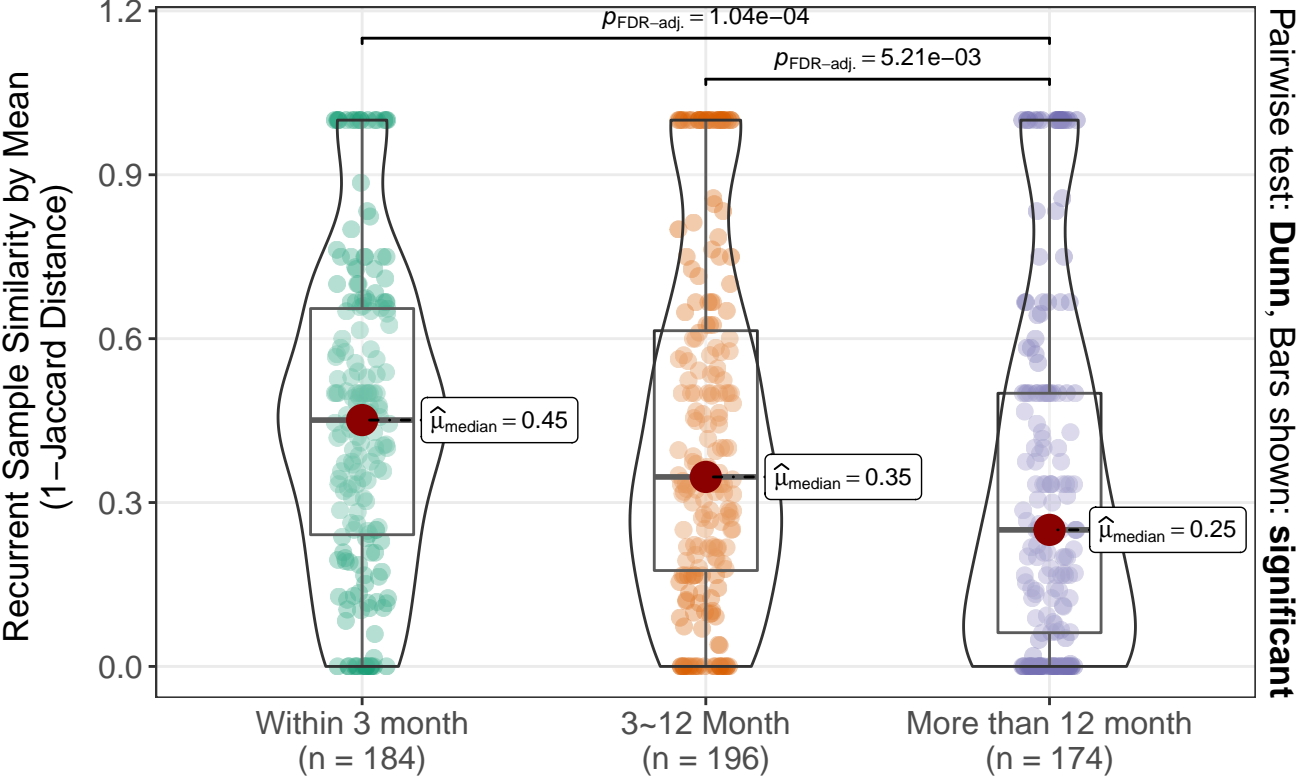


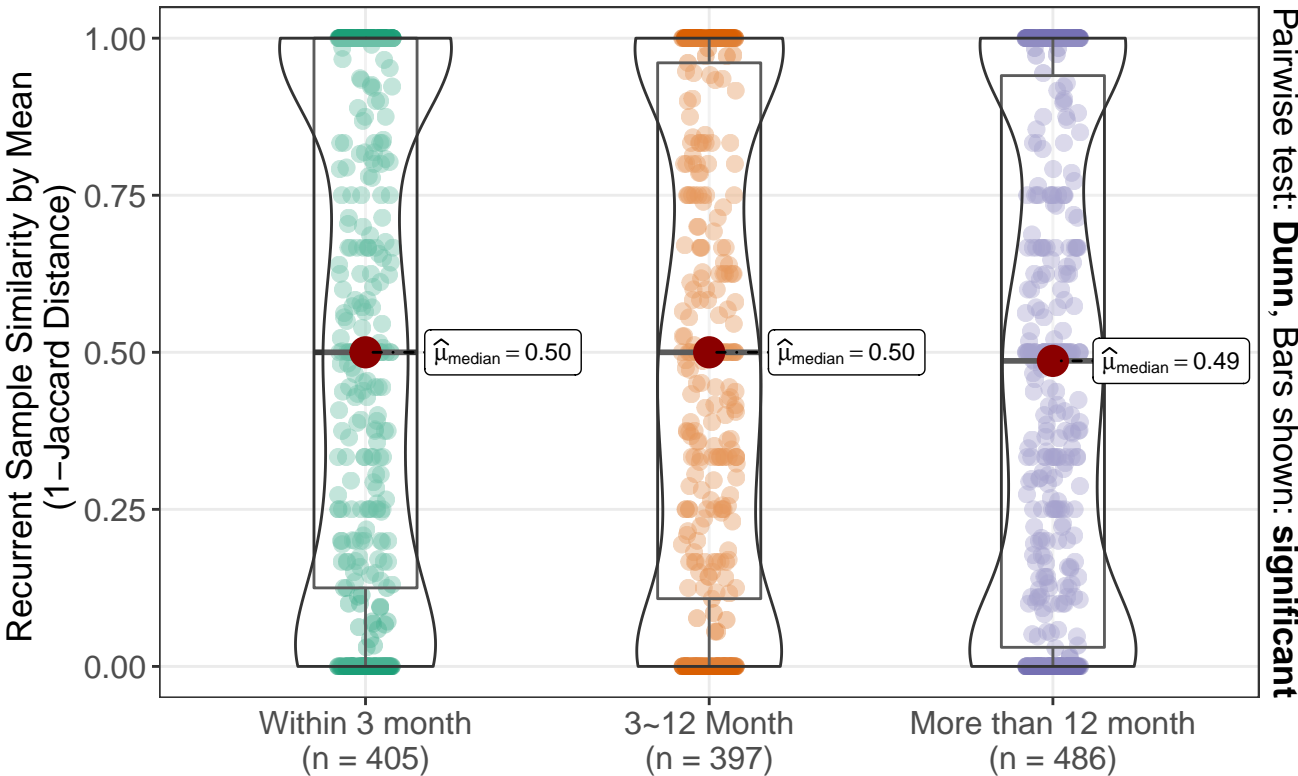
Stool Microbiome replacement by time

$\chi^2_{\text{Kruskal-Wallis}}(2) = 17.95, p = 1.27\text{e-}04, \hat{\epsilon}^2_{\text{ordinal}} = 0.03, \text{CI}_{95\%} [0.01, 1.00], n_{\text{obs}} = 554$



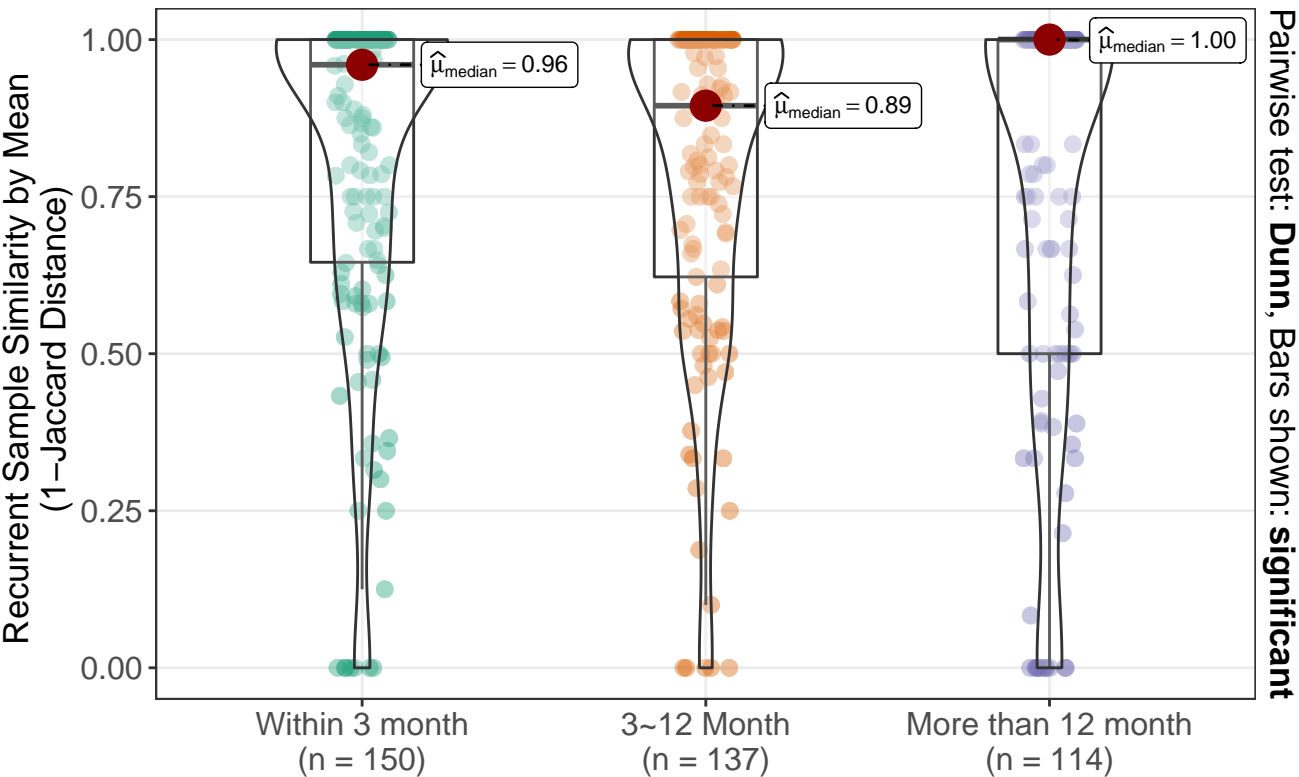
Skin Microbiome replacement by time

$\chi^2_{\text{Kruskal-Wallis}}(2) = 4.16, p = 0.12, \hat{\epsilon}^2_{\text{ordinal}} = 3.23\text{e-}03, \text{CI}_{95\%} [4.62\text{e-}04, 1.00], n_{\text{obs}} = 1,288$



Oral Microbiome replacement by time

$\chi^2_{\text{Kruskal-Wallis}}(2) = 0.86, p = 0.65, \hat{\epsilon}^2_{\text{ordinal}} = 2.16\text{e-}03, \text{CI}_{95\%} [4.22\text{e-}04, 1.00], n_{\text{obs}} = 401$



Nasal Microbiome replacement by time

$\chi^2_{\text{Kruskal-Wallis}}(2) = 34.10, p = 3.93\text{e-}08, \hat{\epsilon}^2_{\text{ordinal}} = 0.03, \text{CI}_{95\%} [0.02, 1.00], n_{\text{obs}} = 1,015$

