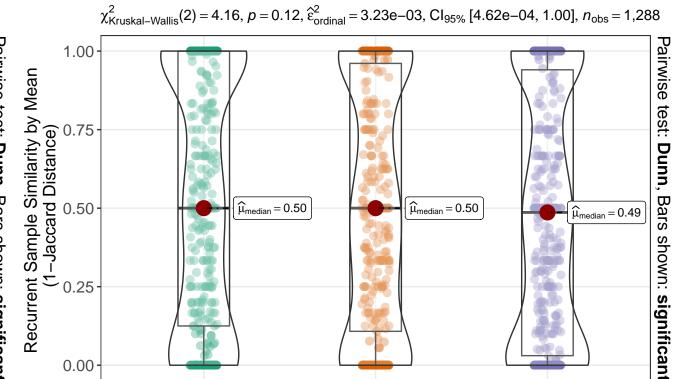
Stool Microbiome replacement by time $\chi^2_{\text{Kruskal-Wallis}}(2) = 17.95, p = 1.27e - 04, \hat{\epsilon}^2_{\text{ordinal}} = 0.03, \text{Cl}_{95\%} [0.01, 1.00], n_{\text{obs}} = 554$ $p_{\text{FDR-adj.}} = 1.04e-04$ $p_{\text{FDR-adj.}} = 5.21 \text{e} - 03$ Recurrent Sample Similarity by Mean (1-Jaccard Distance)

Pairwise test: Dunn, Bars shown: significant 0.9 0.6 $\widehat{\mu}_{median} = 0.45$ $\widehat{\mu}_{\text{median}} = 0.35$ 0.3 $\widehat{\mu}_{median} = 0.25$ 0.0 Within 3 month More than 12 month 3~12 Month

(n = 196)

(n = 174)

Skin Microbiome replacement by time



3~12 Month

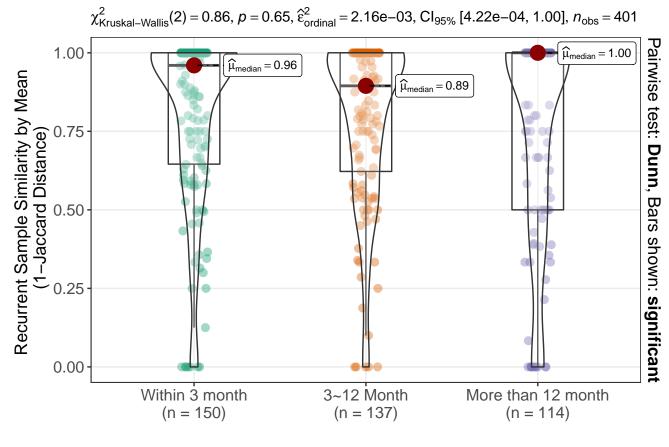
(n = 397)

More than 12 month

(n = 486)

Oral Microbiome replacement by time

(n = 184)



Nasal Microbiome replacement by time

Within 3 month

(n = 405)

