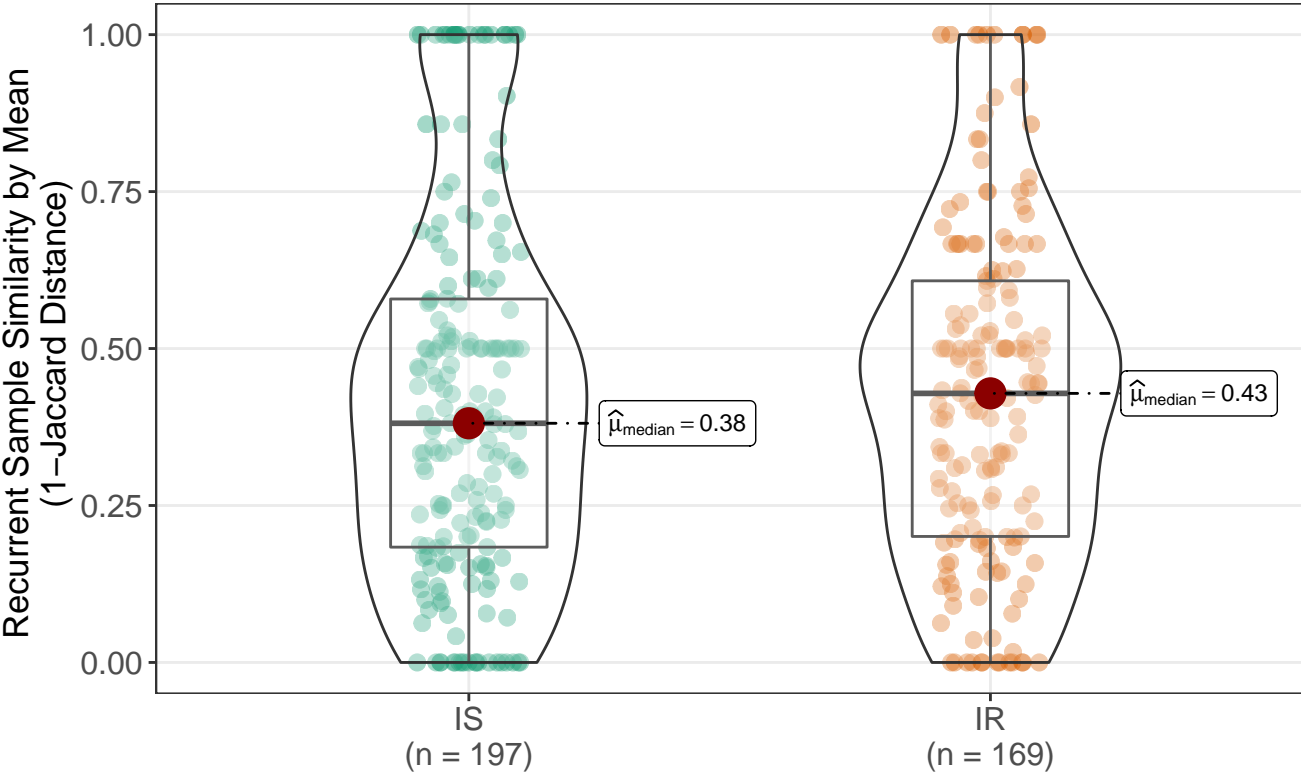


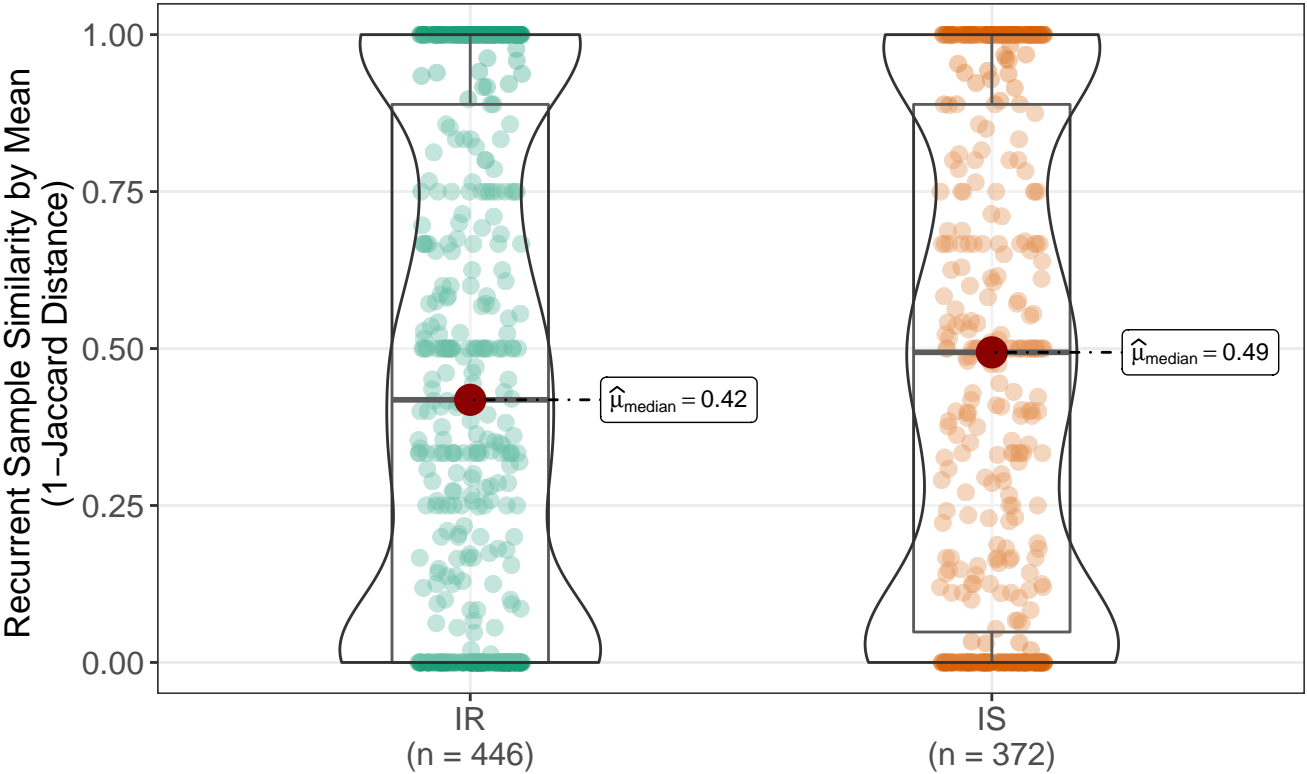
Stool Microbiome replacement by IRIS

$W_{\text{Mann-Whitney}} = 15991.00$, $p = 0.52$, $\hat{r}_{\text{biserial}}^{\text{rank}} = -0.04$, $\text{CI}_{95\%} [-0.16, 0.08]$, $n_{\text{obs}} = 366$



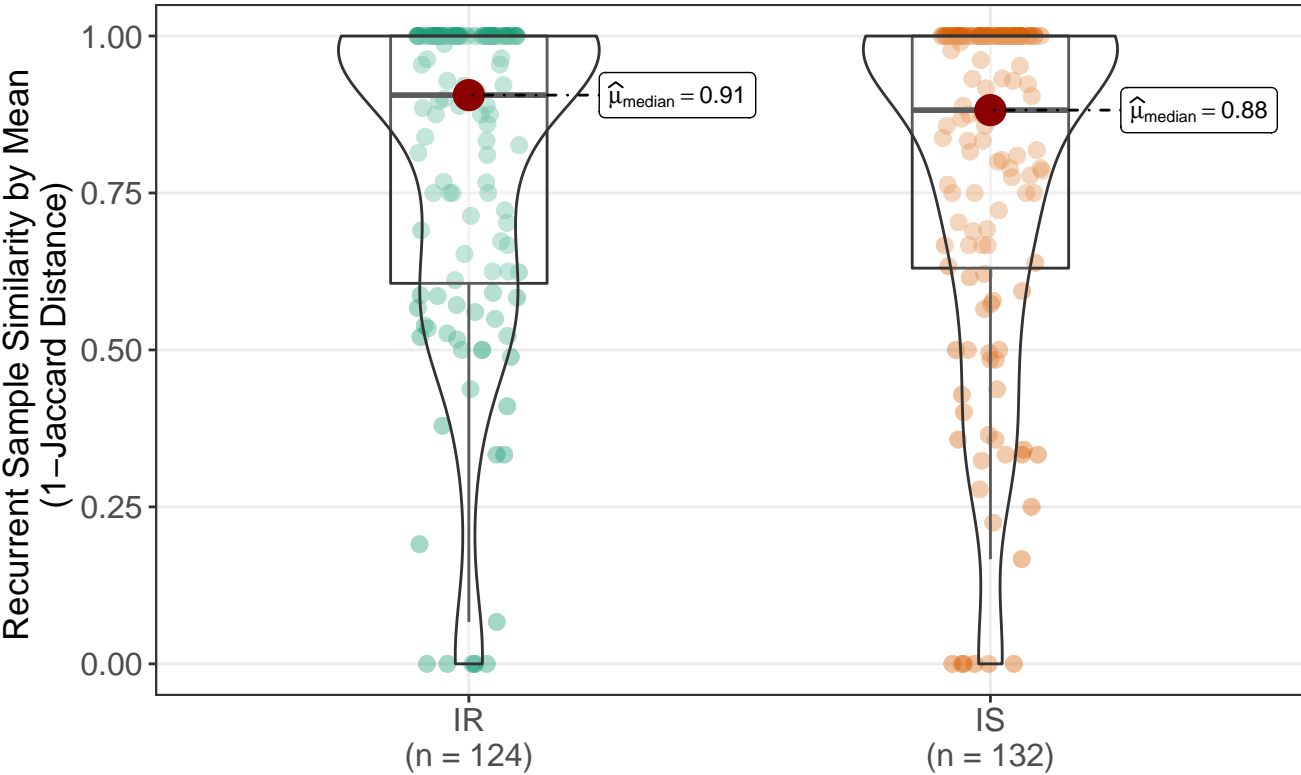
Skin Microbiome replacement by IRIS

$W_{\text{Mann-Whitney}} = 81854.00$, $p = 0.74$, $\hat{r}_{\text{biserial}}^{\text{rank}} = -0.01$, $\text{CI}_{95\%} [-0.09, 0.07]$, $n_{\text{obs}} = 818$



Oral Microbiome replacement by IRIS

$W_{\text{Mann-Whitney}} = 8321.00$, $p = 0.81$, $\hat{r}_{\text{biserial}}^{\text{rank}} = 0.02$, $\text{CI}_{95\%} [-0.12, 0.16]$, $n_{\text{obs}} = 256$



Nasal Microbiome replacement by IRIS

$W_{\text{Mann-Whitney}} = 53972.50$, $p = 0.13$, $\hat{r}_{\text{biserial}}^{\text{rank}} = -0.06$, $\text{CI}_{95\%} [-0.15, 0.02]$, $n_{\text{obs}} = 690$

