

**Additional file 10. Summary of Mantel tests of correlation between time distance measure in weeks and community composition.** Numerator of fraction represents the number of individuals with a statistically significant positive correlation (uncorrected  $p \leq 0.05$ ) based on Spearman's rank correlation. Denominator is total number of individuals compared. Note that these results are based on uncorrected p-values and the expected number of false positives rounded to the nearest whole number is indicated in parentheses.

	Forehead	Gut	Palm	Tongue
Weighted UniFrac	8/80 (4)	7/75 (4)	7/61 (3)	15/80 (4)
Unweighted UniFrac	20/80 (4)	12/75 (4)	13/61 (3)	14/80 (4)