

Additional file 11. Relationship between diversity and stability for microbial communities associated with four human body habitats. Spearman’s rho values were determined for each combination of median weighted (WUniFrac) and unweighted (UUniFrac) UniFrac distances and median diversity values over time across individuals. Positive rho values indicate that more diverse communities are less stable over time while negative values indicate that more diverse communities are more stable. Statistical significance is indicated with asterisks (* = uncorrected $p \leq 0.05$, ** = uncorrected $p \leq 0.01$).

	Forehead		Gut		Palm		Tongue	
	WUniFrac	UUniFrac	WUniFrac	UUniFrac	WUniFrac	UUniFrac	WUniFrac	UUniFrac
Median Shannon	0.610**	0.064	-0.168	-0.517**	0.051	-0.088	-0.152	-0.469**
Median PD	0.267*	0.074	-0.185	-0.579**	-0.046	-0.164	-0.055	-0.125
Median Richness	0.292**	0.042	-0.343**	-0.624**	-0.094	-0.192	-0.096	-0.007