

Table S4: The vector ψ_0 for each dataset, used in the estimation of $\text{Var}(T_k(y))$.

Data set	$\psi_0 = (\alpha_0, \mu_0, c_0, \rho_0)$
Cuba (IS6110)	(0.70, 0.10, 0.20, 0.03)
Cuba (spoligotypes)	(0.70, 0.02, 0.20, 0.05)
Estonia (IS6110)	(0.70, 0.10, 0.50, 0.10)
Venezuela (spoligotypes)	(0.70, 0.02, 0.20, 0.02)