

**Table:** Deviance Information Criterion (DIC) values for ST-specific models, comparing each of the three models considered

Serotype	Deviance Information Criterion for each model		
	MODEL 1	MODEL 2	MODEL3
4	116.7	117.0	119.0
6B	193.2	193.2	193.5
9V	142.9	142.0	143.5
14	174.4	175.3	178.4
18C	151.9	151.9	153.6
19F	193.4	193.4	199.5
23F	192.8	193.3	193.7
6A	192.7	192.8	193.5