TABLES 90

Table S8. Comparing performance of different CSSM model configurations to HMM model.

Duration	Distance	Mode	t	$p_t$	$M_t$	V	$p_V$	$M_V$	$p_{SW}$
$ au_c$ (continuous)	$f_\delta$ (complete)	Forward	3.14	.02	.037	27	.031	.036	.043
$ au_d$ (discrete)	$f_{\delta}$ (complete)	Forward	7.87	< .001	.067	28	.016	.07	.14
$ au_c$ (continuous)	$f_{ar{\delta}}$ (restricted)	Forward	5.78	.001	.066	28	.016	.069	.12
$ au_d$ (discrete)	$f_{ar{\delta}}$ (restricted)	Forward	9.37	< .001	.098	28	.016	.11	.081
$ au_c$ (continuous)	$f_h$ (script)	Forward	3.61	.011	.043	27	.031	.042	.43
$ au_d$ (discrete)	$f_h$ (script)	Forward	7.67	< .001	.064	28	.016	.064	.79
$ au_c$ (continuous)	$f_{\delta}$ (complete)	Smoothing	6.75	< .001	.063	28	.016	.068	.078
$ au_d$ (discrete)	$f_{\delta}$ (complete)	Smoothing	6.70	< .001	.083	28	.016	.087	.12
$ au_c$ (continuous)	$f_{ar{\delta}}$ (restricted)	Smoothing	6.71	< .001	.082	28	.016	.087	.16
$ au_d$ (discrete)	$f_{ar{\delta}}$ (restricted)	Smoothing	5.88	.001	.1	28	.016	.11	.27
$ au_c$ (continuous)	$f_h$ (script)	Smoothing	7.14	< .001	.06	28	.016	.064	.12
$ au_d$ (discrete)	$f_h$ (script)	Smoothing	6.27	< .001	.08	28	.016	.092	.044

Comparing performance of different CSSM model configurations to HMM model, using paired t-test and Wilcoxon signed rank tests (CM, O21s, L1). For all t-tests, df = 6.  $p_{SW}$  gives the p-value for the Shapiro-Wilk normality test.