

Table 1: Monte Carlo Results: Unobserved Types

		Assuming 1 Type				Assuming 3 Types				
		Mean	Median	Std.Dev	True		Mean	Median	Std.Dev	True
N=300	δ	0.308	0.308	0.019	0.99	δ	0.560	0.513	0.132	0.46
	β_N	1	1	0	0.06	β_N	0.701	0.738	0.296	1
	β_S	1	1	0	0.16	β_N	0.556	0.639	0.337	1
	θ	0.953	0.990	0.064	1	θ	1.017	1.011	0.129	1
	π_C	1	1	0	0.222	π_C	0.489	0.504	0.283	1
	π_N	0	0	0	0.445	π_N	0.217	0.147	0.148	0
	π_S	0	0	0	0.333	π_S	0.294	0.188	0.286	0
N=600	δ	0.306	0.306	0.014	0.99	δ	0.529	0.501	0.083	0.46
	β_N	1	1	0	0.06	β_N	0.788	0.816	0.218	1
	β_S	1	1	0	0.16	β_N	0.599	0.694	0.341	1
	θ	0.965	0.990	0.046	1	θ	1.001	1.000	0.099	1
	π_C	1	1	0	0.221	π_C	0.516	0.555	0.290	1
	π_N	0	0	0	0.445	π_N	0.225	0.155	0.148	0
	π_S	0	0	0	0.334	π_S	0.259	0.172	0.257	0

Notes: Each model was simulated 200 times.