2010

IN-SAMPLE PRICING ERRORS (MSE), $h_0^Q = \dfrac{\omega_0 + \alpha_0}{1 - \beta_0 - \alpha_0 \gamma_0^{*2}}$, WITH $\omega_0, \alpha_0, \beta_0, \gamma_0^{*2}$ FROM MLE UNDER P

		Moneyness S_0/K						**Across**
	Maturities	$[0.900, 0.950]$	$[0.950, 0.975]$	$[0.975, 1.000]$	$[1.000, 1.025]$	$[1.025, 1.050]$	$[1.050, 1.100]$	**Moneyness**
In-Sample Error	$\mathbf{8 \leq T < 30}$	0.147	0.699	3.210	7.456	8.634	6.879	2.483
	$\mathbf{30 \leq T < 80}$	0.603	0.429	2.080	3.699	4.054	9.803	1.764
	$\mathbf{80 \leq T < 180}$	2.768	1.571	2.100	4.956	4.070	3.900	2.896
	$\mathbf{180 \leq T \leq 250}$	5.967	4.394	3.435	9.507	5.115	10.863	6.168
Across Maturities		0.899	0.854	2.647	5.773	6.047	7.755	2.441

IN-SAMPLE PRICING ERRORS (MSE), $h_0^Q = h_t^P$								
		Moneyness S_0/K						**Across**
	Maturities	$[0.900, 0.950]$	$[0.950, 0.975]$	$[0.975, 1.000]$	$[1.000, 1.025]$	$[1.025, 1.050]$	$[1.050, 1.100]$	**Moneyness**
In-Sample Error	$\mathbf{8 \leq T < 30}$	0.197	0.567	1.186	1.726	1.688	1.187	0.792
	$\mathbf{30 \leq T < 80}$	1.079	1.848	4.328	1.037	0.637	0.828	1.866
	$\mathbf{80 \leq T < 180}$	3.854	11.561	23.762	16.983	44.651	2.896	13.806
	$\mathbf{180 \leq T \leq 250}$	44.414	47.613	1.046	2.559	1.595	2.867	22.299
Across Maturities		2.833	4.312	5.232	3.531	8.354	1.425	3.942

IN-SAMPLE PRICING ERRORS (MSE), h_0^Q CALIBRATED								
		Moneyness S_0/K						**Across**
	Maturities	$[0.900, 0.950]$	$[0.950, 0.975]$	$[0.975, 1.000]$	$[1.000, 1.025]$	$[1.025, 1.050]$	$[1.050, 1.100]$	**Moneyness**
In-Sample Error	$\mathbf{8 \leq T < 30}$	0.092	0.162	0.207	0.207	0.217	0.505	0.164
	$\mathbf{30 \leq T < 80}$	0.193	0.084	0.210	0.231	0.272	0.457	0.192
	$\mathbf{80 \leq T < 180}$	0.512	0.283	0.574	1.131	1.852	2.113	0.719
	$\mathbf{180 \leq T \leq 250}$	3.901	1.375	0.925	0.406	0.274	0.876	1.716
Across Maturities		0.342	0.199	0.291	0.354	0.508	0.764	0.323