

Results are obtained with  $h_0^P$  estimated

CALIBRATED PARAMETERS ON WEDNESDAYS, $h_0^Q$ IS CALIBRATED WITH RESPECT TO OPTIONS LIKELIHOOD									
$\theta$	2010	2011	2012	2013	2014	2015	2016	2017	2018
$\omega$	$4.2779e-09$	$3.2992e-07$	$3.3648e-08$	$3.8491e-07$	$1.2743e-07$	$4.4951e-08$	$2.5272e-08$	$3.9321e-08$	$3.7781e-08$
<b>std</b>	$(1.6791e-08)$	$(1.5604e-06)$	$(1.6574e-07)$	$(1.3052e-06)$	$(4.5655e-07)$	$(2.0855e-07)$	$(1.4770e-07)$	$(1.7009e-07)$	$(2.2443e-07)$
<b>median</b>	$5.6987e-10$	$1.1448e-09$	$8.8539e-10$	$1.3899e-09$	$7.7997e-10$	$1.5014e-09$	$9.8128e-10$	$4.0373e-10$	$7.1023e-10$
$\alpha$	$1.8528e-05$	$1.6271e-05$	$9.0589e-06$	$6.1070e-06$	$7.6946e-06$	$7.2374e-06$	$5.1346e-06$	$2.3951e-06$	$1.3159e-05$
<b>std</b>	$(1.9304e-05)$	$(2.1985e-05)$	$(1.2012e-05)$	$(7.9519e-06)$	$(9.6389e-06)$	$(7.2754e-06)$	$(5.8307e-06)$	$(3.0938e-06)$	$(1.6443e-05)$
<b>median</b>	$1.0906e-05$	$7.6580e-06$	$4.5292e-06$	$3.1281e-06$	$3.2390e-06$	$4.3350e-06$	$2.9817e-06$	$1.4483e-06$	$4.5077e-06$
$\beta$	0.6378	0.5560	0.7245	0.7258	0.6358	0.5520	0.6269	0.7263	0.5387
<b>std</b>	(0.2696)	(0.2971)	(0.2146)	(0.2478)	(0.2979)	(0.2466)	(0.2257)	(0.2586)	(0.3753)
<b>median</b>	0.7368	0.6567	0.8002	0.8149	0.7673	0.6572	0.6945	0.8054	0.7356
$\gamma^*$	134.9727	191.7168	186.9011	254.4028	276.4433	280.6426	298.3299	331.9039	243.3202
<b>std</b>	(47.8695)	(93.1766)	(76.3909)	(194.7410)	(232.3643)	(175.7277)	(157.3293)	(112.0556)	(122.2386)
<b>median</b>	128.3648	175.8916	175.0860	184.1932	222.8042	257.4585	297.1472	333.3806	221.0610
$h_0^Q$	$1.3056e-04$	$2.2460e-04$	$8.4830e-05$	$4.8801e-05$	$4.8652e-05$	0.0001	$7.5242e-05$	$1.9048e-05$	$1.3485e-04$
<b>std</b>	$(1.3959e-04)$	$(2.3120e-04)$	$(5.7765e-05)$	$(4.5932e-05)$	$(5.7911e-05)$	$(1.1307e-04)$	$(1.0294e-04)$	$(1.9023e-05)$	$(1.7128e-04)$
<b>median</b>	$9.1311e-05$	$1.1465e-04$	$6.1522e-05$	$3.3426e-05$	$2.7470e-05$	$5.5238e-05$	$3.7873e-05$	$1.3922e-05$	$4.6996e-05$
<b>persistence</b>	0.8865	0.9140	0.9172	0.9104	0.8914	0.9184	0.9374	0.9523	0.8261
<b>std</b>	(0.1325)	(0.0899)	(0.1260)	(0.1125)	(0.1276)	(0.0760)	(0.0690)	(0.0709)	(0.2077)
<b>median</b>	0.9423	0.9529	0.9643	0.9574	0.9469	0.9499	0.9650	0.9764	0.9464
<b>MSE</b>	0.6499	1.0486	1.0785	0.7407	1.1260	1.2960	1.6303	1.7009	4.5699
<b>IVRMSE</b>	0.0565	0.0656	0.0812	0.0793	0.0798	0.0918	0.0991	0.0994	0.0797
<b>MAPE</b>	0.0672	0.0724	0.1105	0.1056	0.1224	0.1361	0.1324	0.1677	0.1248
<b>OptLL</b>	226.1068	234.9978	265.1968	365.6016	393.4111	469.1520	576.9261	651.9071	731.5026