

Results are obtained with  $h_0^P$  estimated

CALIBRATED PARAMETERS AND $h_0^Q$ ON WEDNESDAYS, PRICING WITHOUT 1 WEEK UPDATE									
$\theta$	2010	2011	2012	2013	2014	2015	2016	2017	2018
$\omega$	$8.5020e-08$	$9.2713e-06$	$1.9235e-07$	$2.2129e-06$	$1.9389e-06$	$4.0824e-07$	$5.9288e-07$	$3.6000e-07$	$3.2880e-07$
<b>std</b>	$(4.4877e-07)$	$(2.7968e-05)$	$(1.0856e-06)$	$(6.4184e-06)$	$(6.6239e-06)$	$(2.4718e-06)$	$(2.9199e-06)$	$(2.0135e-06)$	$(2.2163e-06)$
<b>median</b>	$4.8556e-10$	$1.1201e-09$	$7.5545e-10$	$1.6349e-09$	$1.4218e-09$	$1.6365e-09$	$8.1118e-10$	$3.7104e-10$	$4.8666e-10$
$\alpha$	$2.5053e-05$	$1.9522e-05$	$1.8637e-05$	$1.4835e-05$	$1.3156e-05$	$1.3626e-05$	$1.2948e-05$	$9.5315e-06$	$1.5041e-05$
<b>std</b>	$(2.2286e-05)$	$(2.0146e-05)$	$(1.6428e-05)$	$(1.3640e-05)$	$(8.8644e-06)$	$(5.7672e-06)$	$(7.7213e-06)$	$(6.6712e-06)$	$(9.9357e-06)$
<b>median</b>	$1.6946e-05$	$1.8410e-05$	$1.2068e-05$	$1.2723e-05$	$1.2664e-05$	$1.3133e-05$	$1.2735e-05$	$8.8465e-06$	$1.3335e-05$
$\beta$	0.4924	0.3370	0.4831	0.3652	0.1727	0.1821	0.2488	0.1813	0.1955
<b>std</b>	(0.3262)	(0.3216)	(0.3384)	(0.3855)	(0.2860)	(0.2366)	(0.3182)	(0.3299)	(0.2987)
<b>median</b>	0.5759	0.3823	0.5676	0.2225	0.0003	0.0009	0.0018	0.0001	0.0006
$\gamma^*$	150.2212	212.5345	174.4230	267.7320	245.7080	221.1292	212.0574	286.7510	206.2846
<b>std</b>	(138.1818)	(170.2568)	(142.7560)	(296.2963)	(244.9830)	(42.4061)	(75.3099)	(194.9633)	(139.1283)
<b>median</b>	110.8449	155.9251	142.1508	170.7408	186.1571	228.3279	209.3890	246.0479	174.8980
$h_0^Q$	$1.2596e-04$	$1.5487e-04$	$8.6703e-05$	$6.3751e-05$	$6.3696e-05$	0.0001	$9.7375e-05$	$4.6253e-05$	$9.8368e-05$
<b>std</b>	$(8.6559e-05)$	$(1.0943e-04)$	$(4.4442e-05)$	$(3.0500e-05)$	$(3.9475e-05)$	$(5.0241e-05)$	$(6.4517e-05)$	$(2.7009e-05)$	$(8.6727e-05)$
<b>median</b>	$1.0190e-04$	$1.2866e-04$	$8.1558e-05$	$5.7211e-05$	$5.5265e-05$	$8.5332e-05$	$8.2728e-05$	$4.2150e-05$	$5.8200e-05$
<b>persistence</b>	0.8233	0.8239	0.7953	0.7144	0.6491	0.7958	0.7633	0.6661	0.6633
<b>std</b>	(0.1875)	(0.1698)	(0.2223)	(0.2486)	(0.2525)	(0.0943)	(0.1769)	(0.2201)	(0.2287)
<b>median</b>	0.8873	0.8444	0.8856	0.7596	0.7015	0.7977	0.7490	0.6675	0.7124
<b>MSE</b>	4.5640	30.7759	14.4925	15.2770	29.5758	47.7708	46.0201	31.7779	110.8322
<b>median MSE</b>	1.7615	12.8097	8.7970	10.7702	14.4700	22.6500	27.6030	24.1222	39.2919
<b>IVRMSE</b>	0.1119	0.2548	0.1714	0.1793	0.2005	0.2697	0.2430	0.1781	0.2777
<b>MAPE</b>	0.1173	0.2852	0.2529	0.3290	0.3957	0.5808	0.5093	0.4670	0.4793
<b>OptLL</b>	-1.4385	-2.4112	-2.0407	-2.2165	-2.2908	-2.4674	-2.6033	-2.4276	-2.9908
<b>OptLL</b>	-81.5653	-140.2767	-145.6641	-216.9308	-241.8764	-305.9481	-378.4857	-399.8315	-549.3136