BOOTSTRAPPING

NOVEMBER 4, 2010
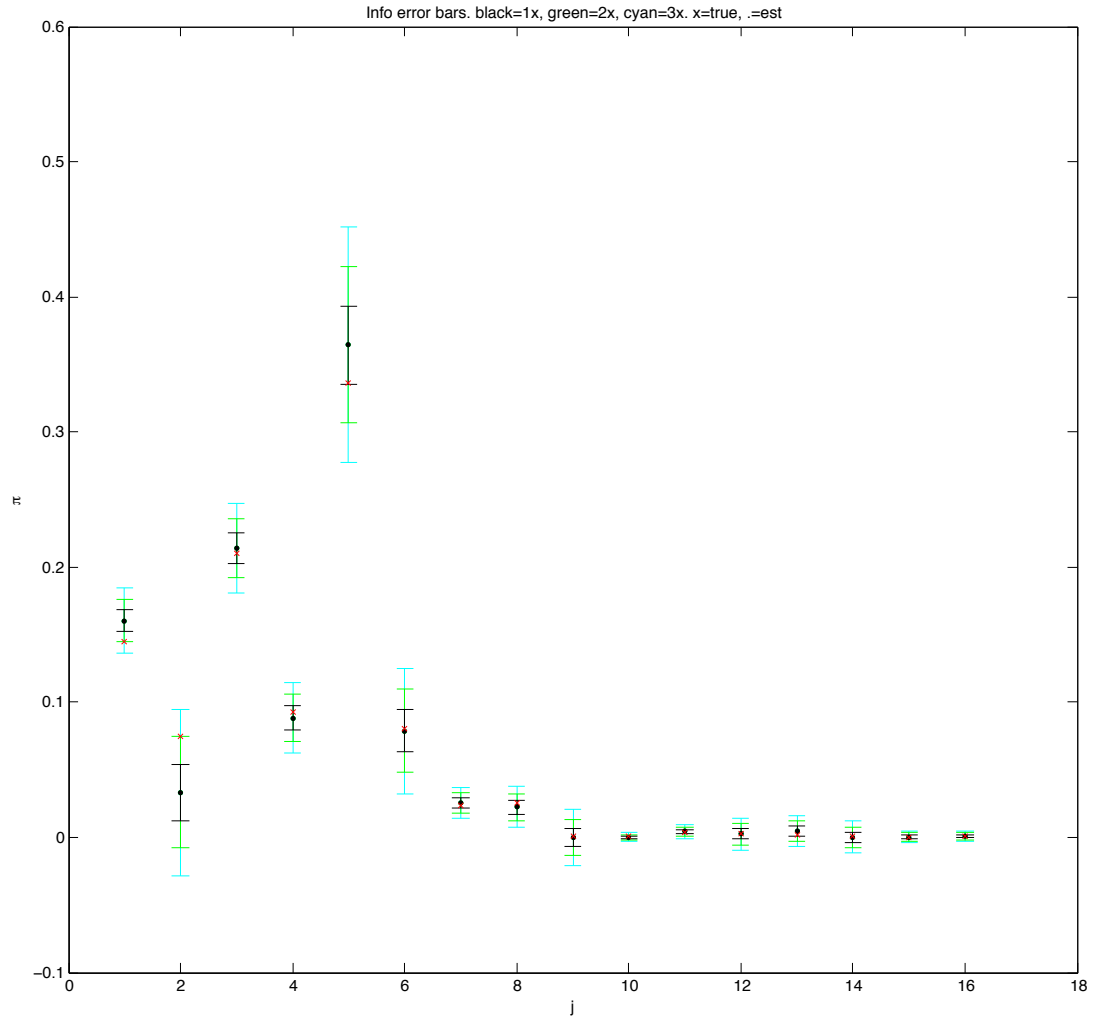
FIGURE 1. $\boldsymbol{\pi}$ plus information based error bars for $\pm\sigma$ (black), $\pm2\sigma$ (green), and $\pm3\sigma$ (cyan). A red $\times$ represents the true value, and a black dot represents the estimated values, $\hat{\boldsymbol{\pi}}$.

	$\hat{\pi}_j$	π_j	Std. dev.	Z-score
1	16.04	14.47	0.0080	1.965
2	3.32	7.44	0.0206	-1.995
3	21.39	20.99	0.0110	0.363
4	8.85	9.23	0.0088	-0.439
5	36.44	33.66	0.0290	0.96
6	7.88	8.02	0.0154	-0.088
7	2.56	2.4	0.0037	0.428
8	2.24	2.57	0.0051	-0.655
9	0	0.12	0.0068	-0.174
10	0	0.08	0.0010	-0.706
11	0.42	0.36	0.0017	0.367
12	0.25	0.25	0.0038	-0.016
13	0.49	0.23	0.0037	0.694
14	0.01	0.05	0.0039	-0.103
15	0.03	0.02	0.0015	0.044
16	0.08	0.05	0.0013	0.27

FIGURE 2. Model 3 EM results