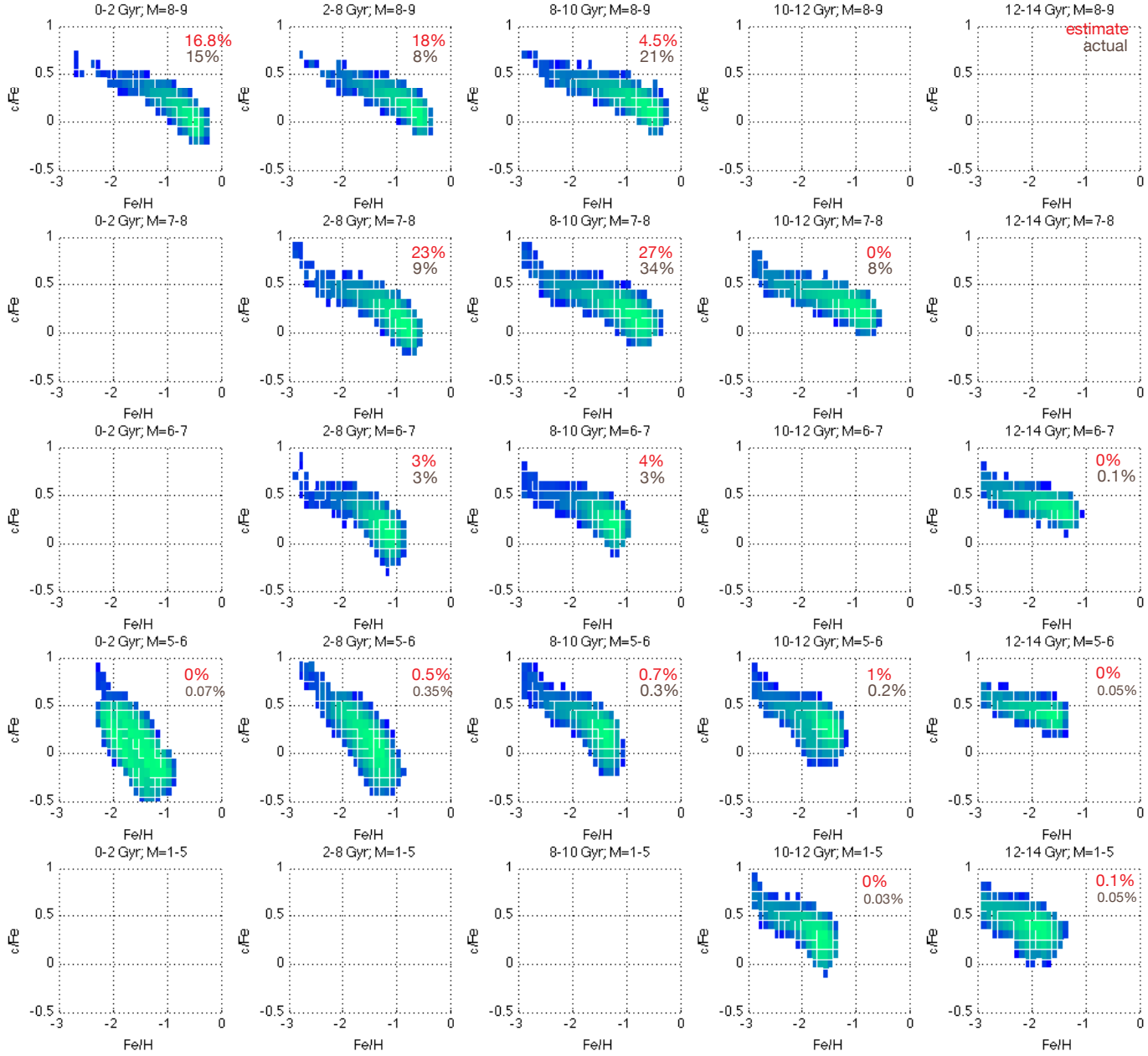
Model 2 realization 2 10k EM 2400 runs

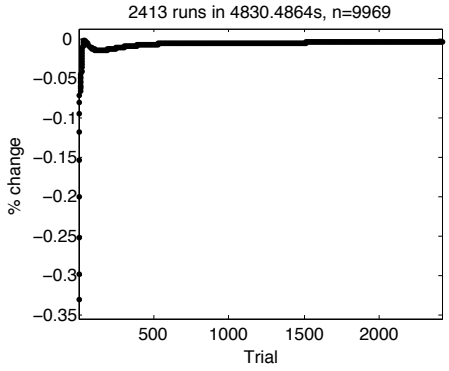
10-15-10

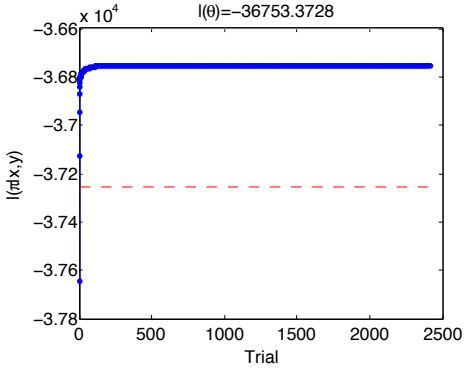


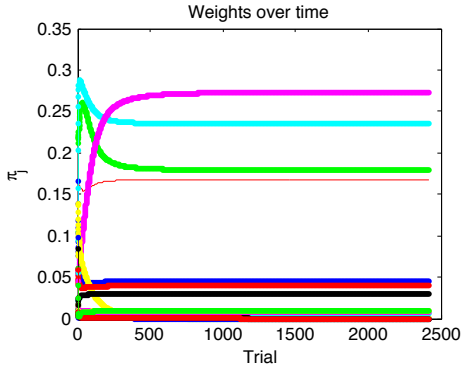
$$l(\theta) := \log L(\theta) = \sum_{i=1}^{n} \log \Big(\sum_{j=1}^{m} \pi_j f_{a_j,b_j}(x_i, y_i) \Big)$$

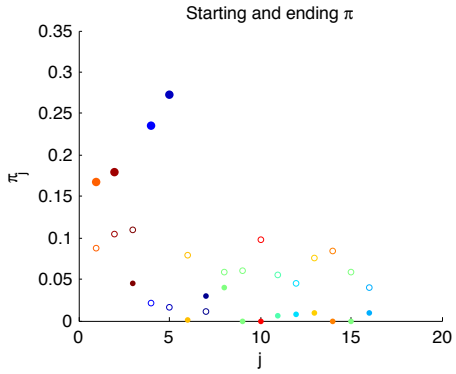
	True	EM 10k	$-2 \log \frac{\sup_{\theta \in \Omega} L(\theta)}{\sup_{\theta = \theta_{(0)}} L(\theta)} = 2(33527 - 33953)$
Observed 2 $l(\theta)$	-3,3527	-3,3953	-852

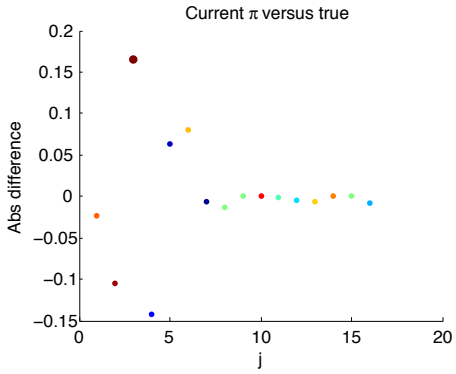
Model 2 realization 2 10k EM 2400 runs

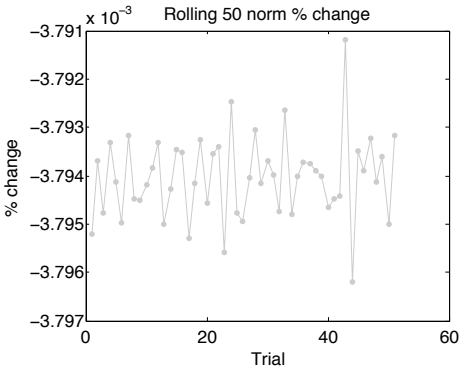


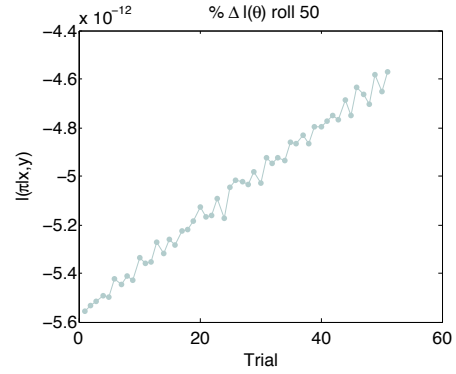


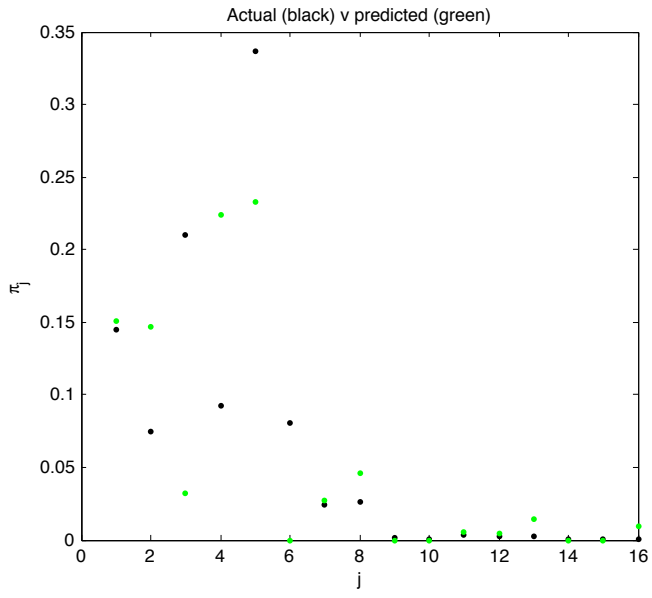


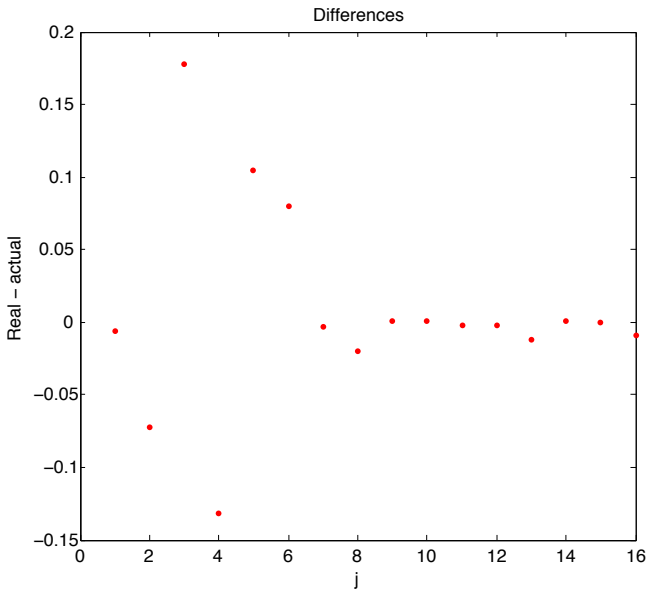




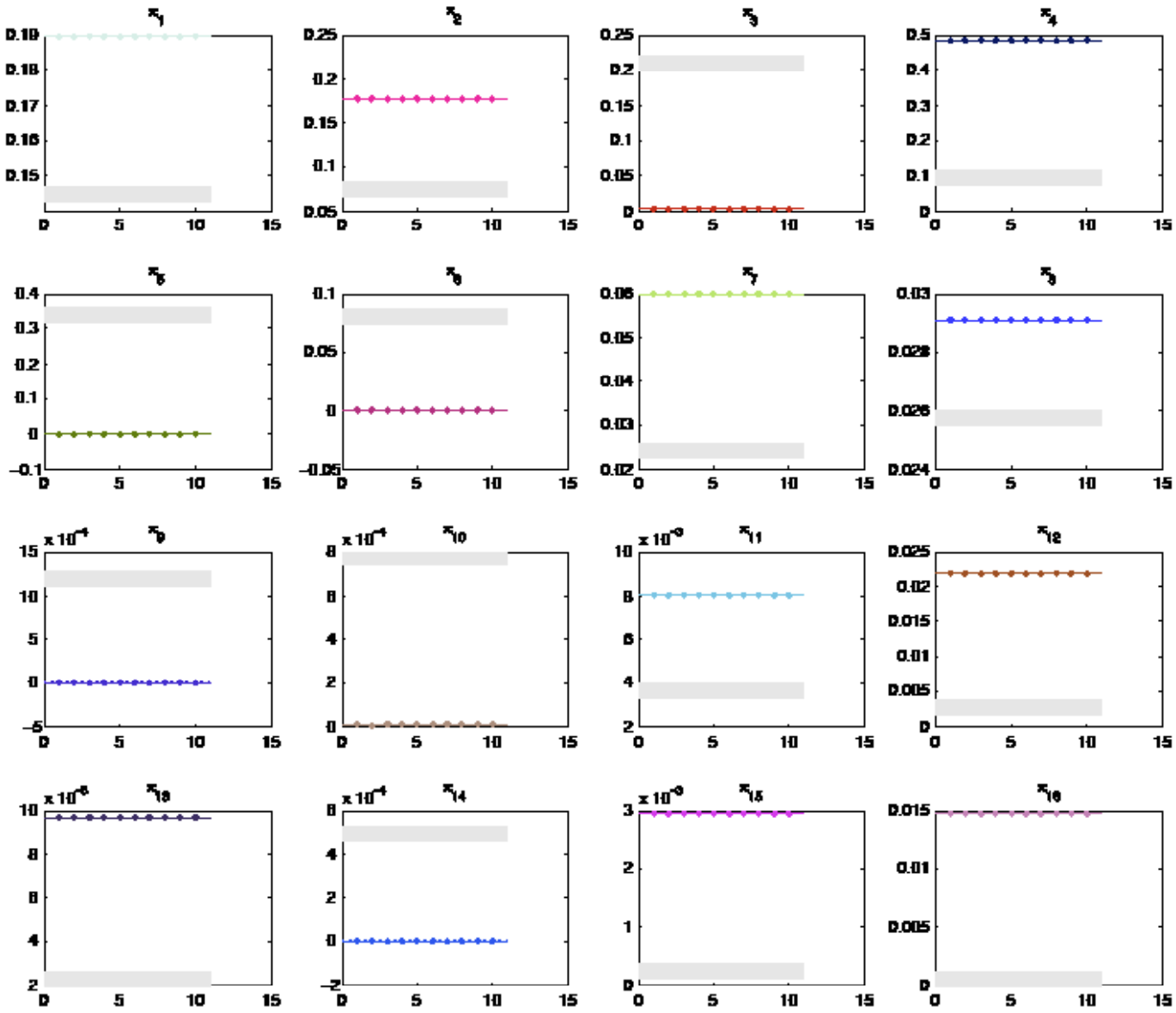




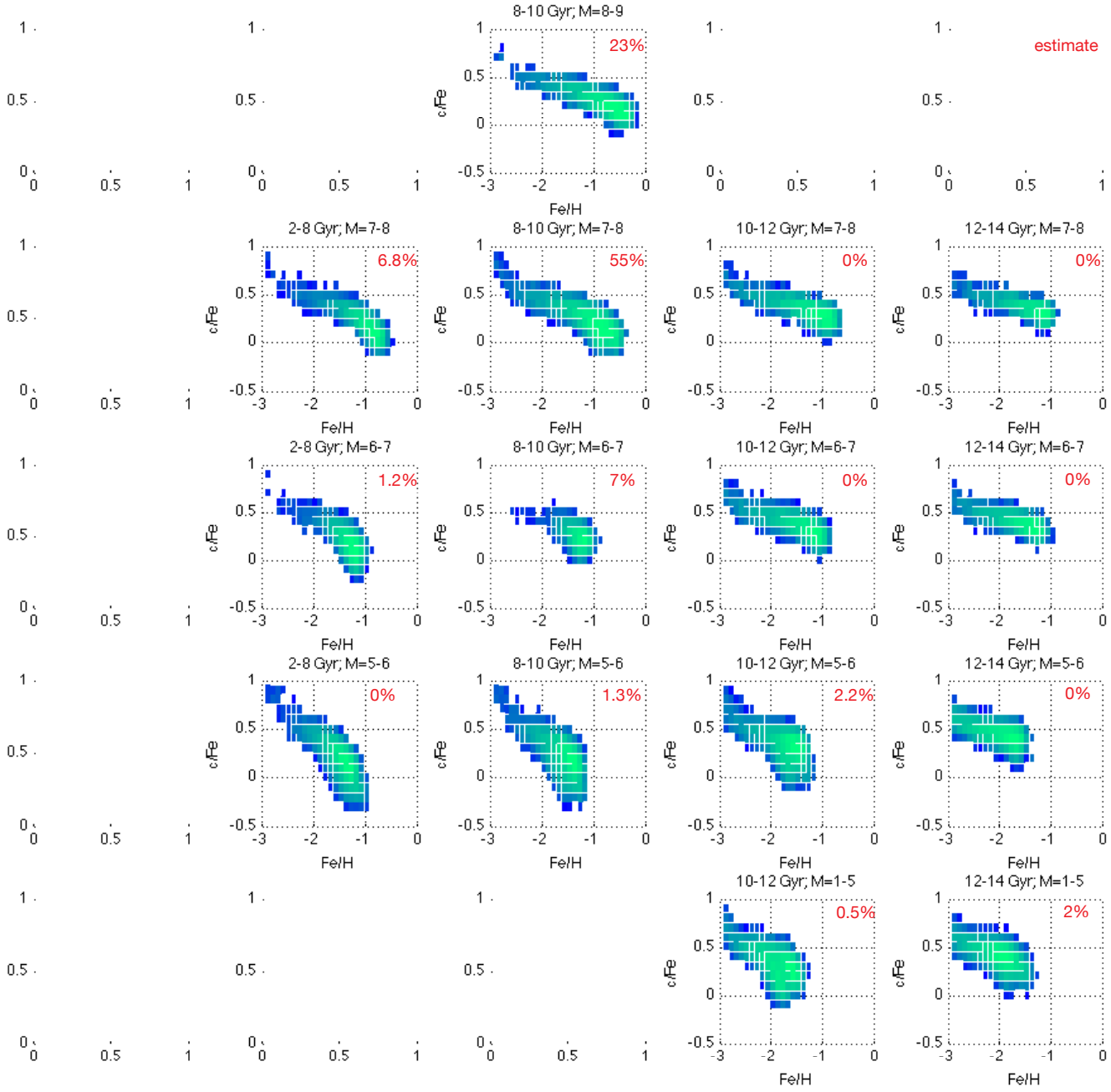




Model 2 realization 2 10k 900 runs 10x final estimates



Model 5


8-10 Gyr; M=8-9
23%
estimate
2-8 Gyr; M=7-8
6.8%
8-10 Gyr; M=7-8
55%
10-12 Gyr; M=7-8
0%
12-14 Gyr; M=7-8
0%
2-8 Gyr; M=6-7
1.2%
8-10 Gyr; M=6-7
7%
10-12 Gyr; M=6-7
0%
12-14 Gyr; M=6-7
0%
2-8 Gyr; M=5-6
0%
8-10 Gyr; M=5-6
1.3%
10-12 Gyr; M=5-6
2.2%
12-14 Gyr; M=5-6
0%
10-12 Gyr; M=1-5
0.5%
12-14 Gyr; M=1-5
2%
c/Fe
Fe/H

Model 5 EM