

BLP Work

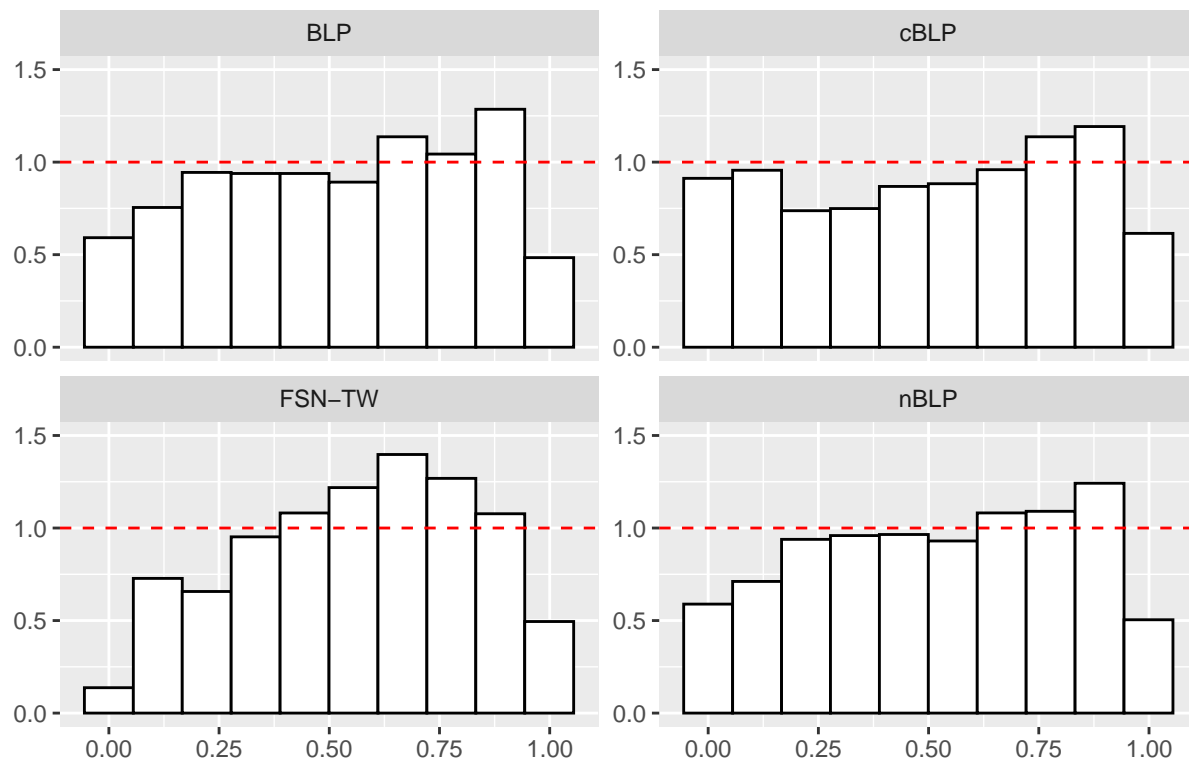
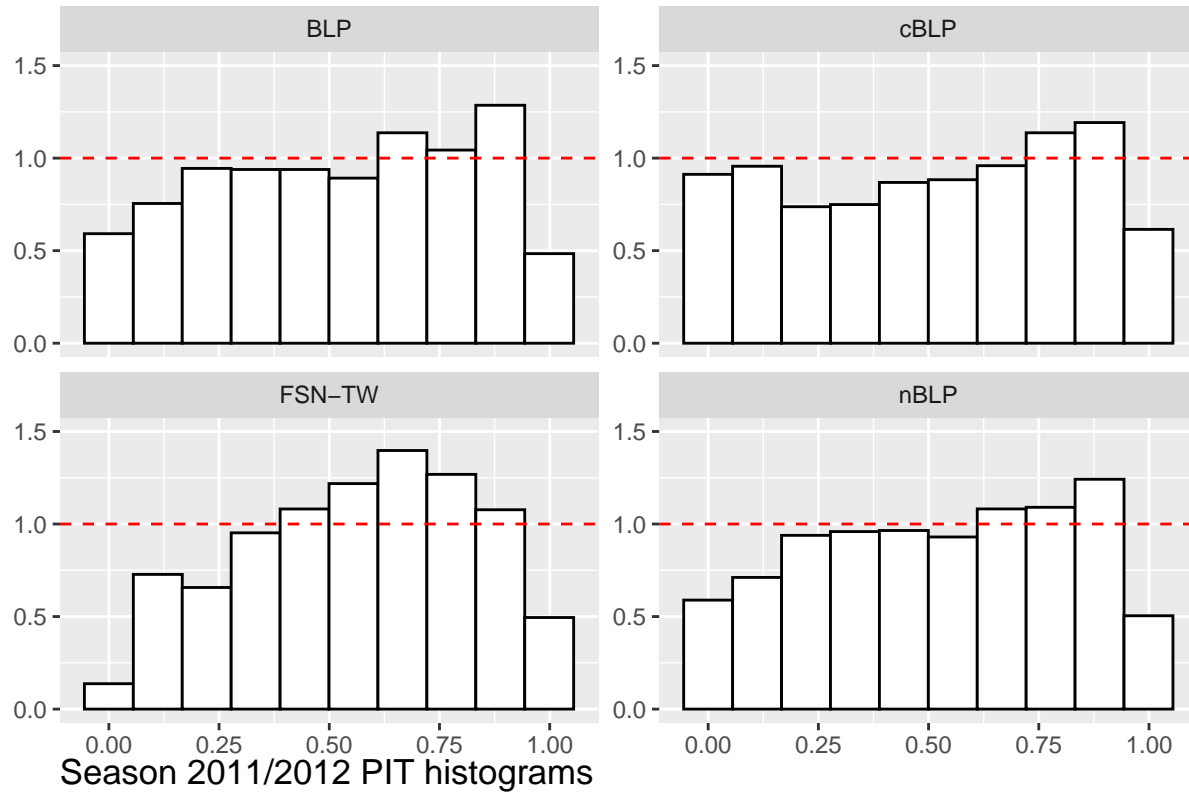
Nutcha Wattanachit

09/07/2020

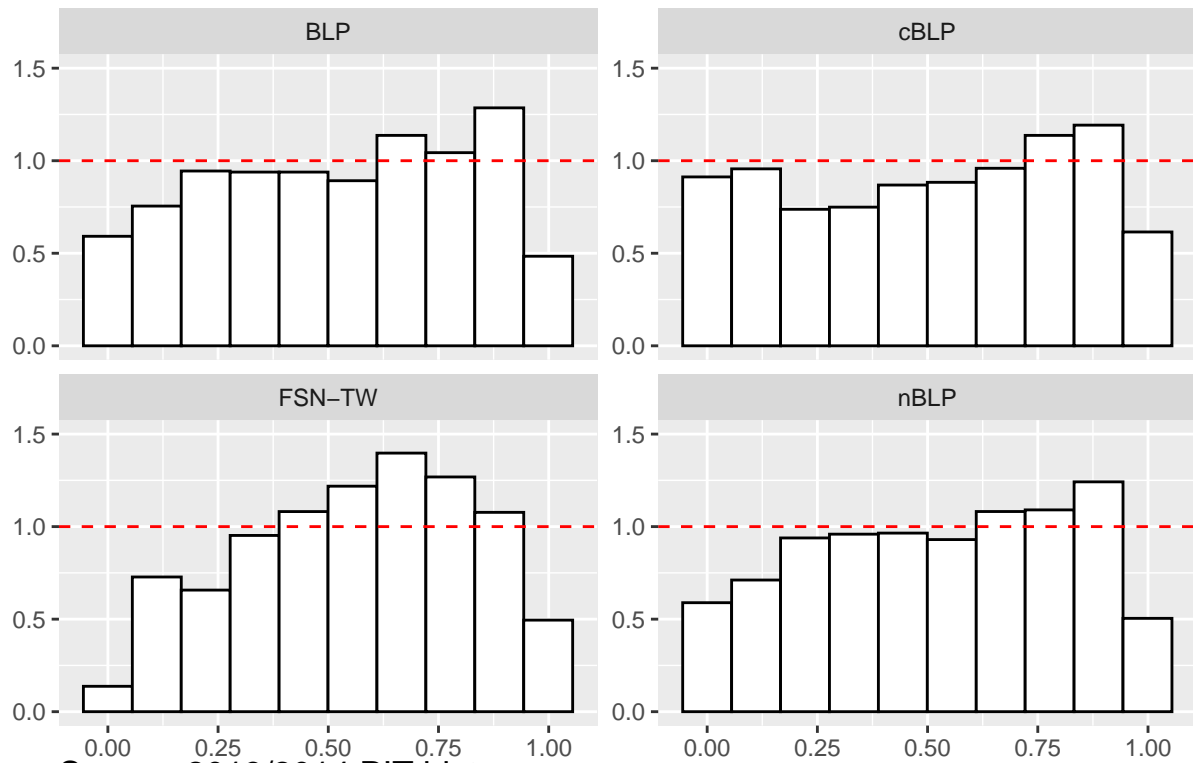
Flu Forecasting Application

1 Week Ahead Calibration

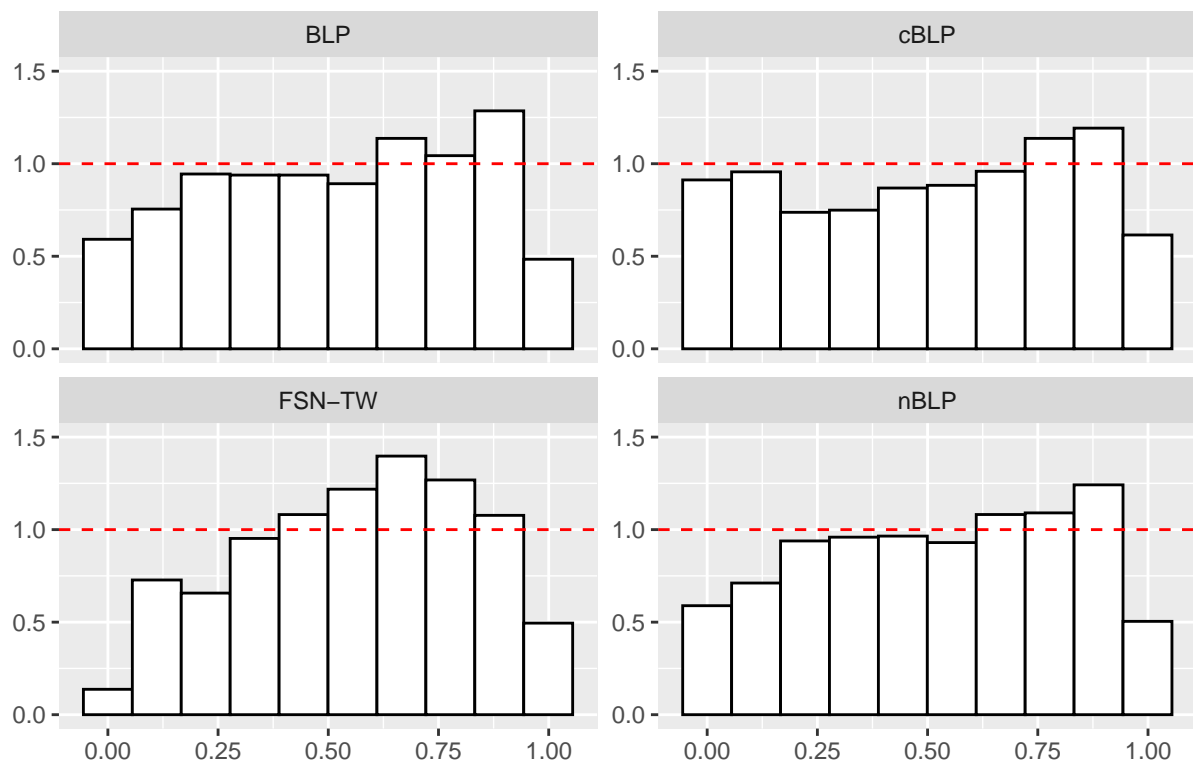
Season 2010/2011 PIT histograms



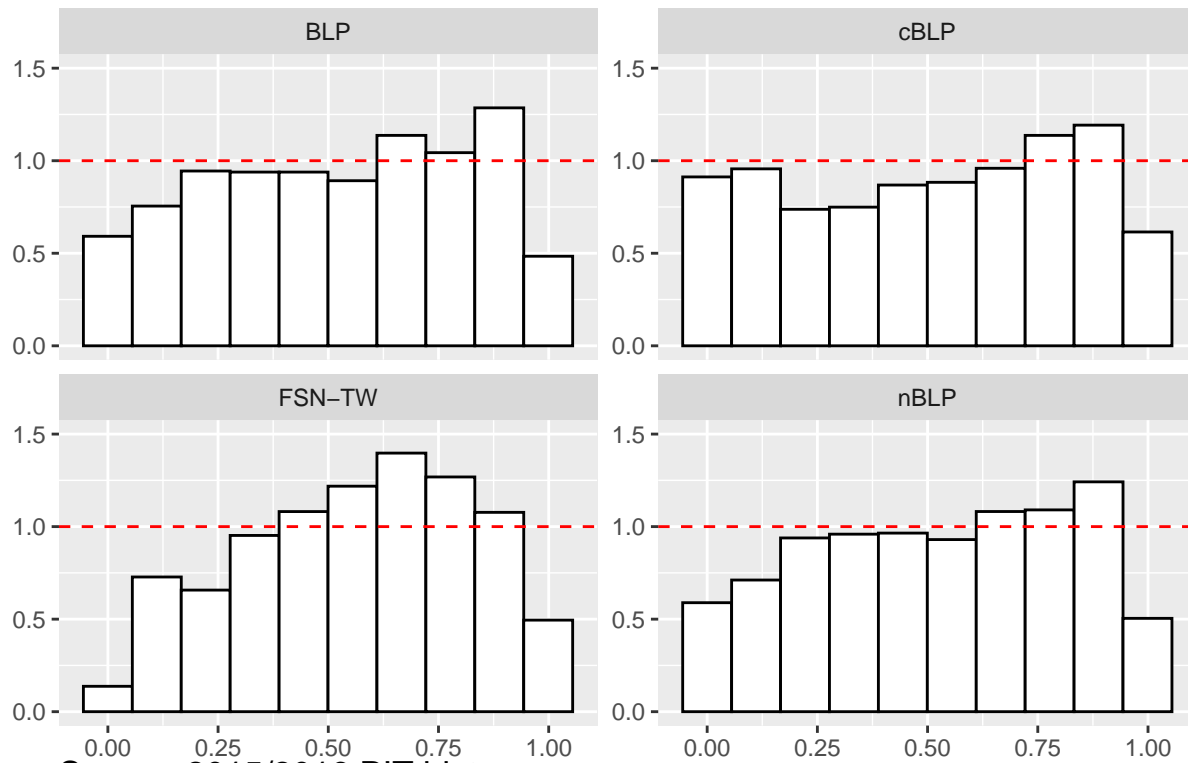
Season 2012/2013 PIT histograms



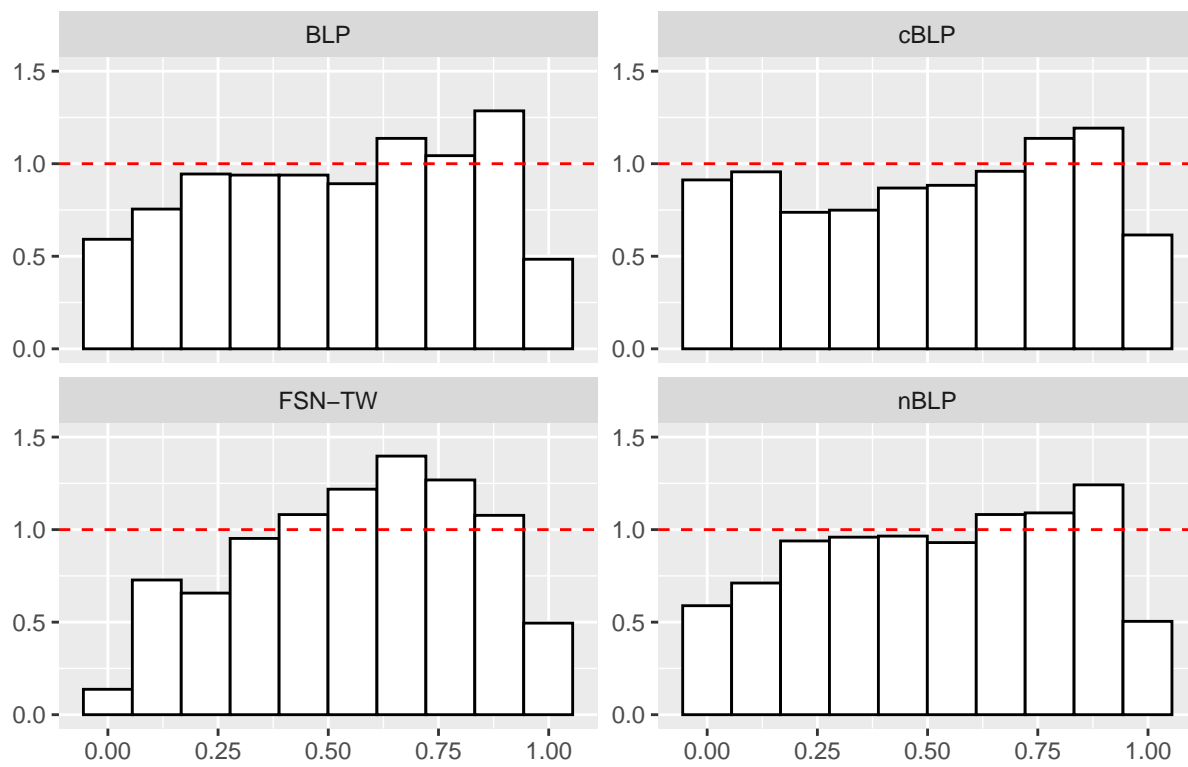
Season 2013/2014 PIT histograms



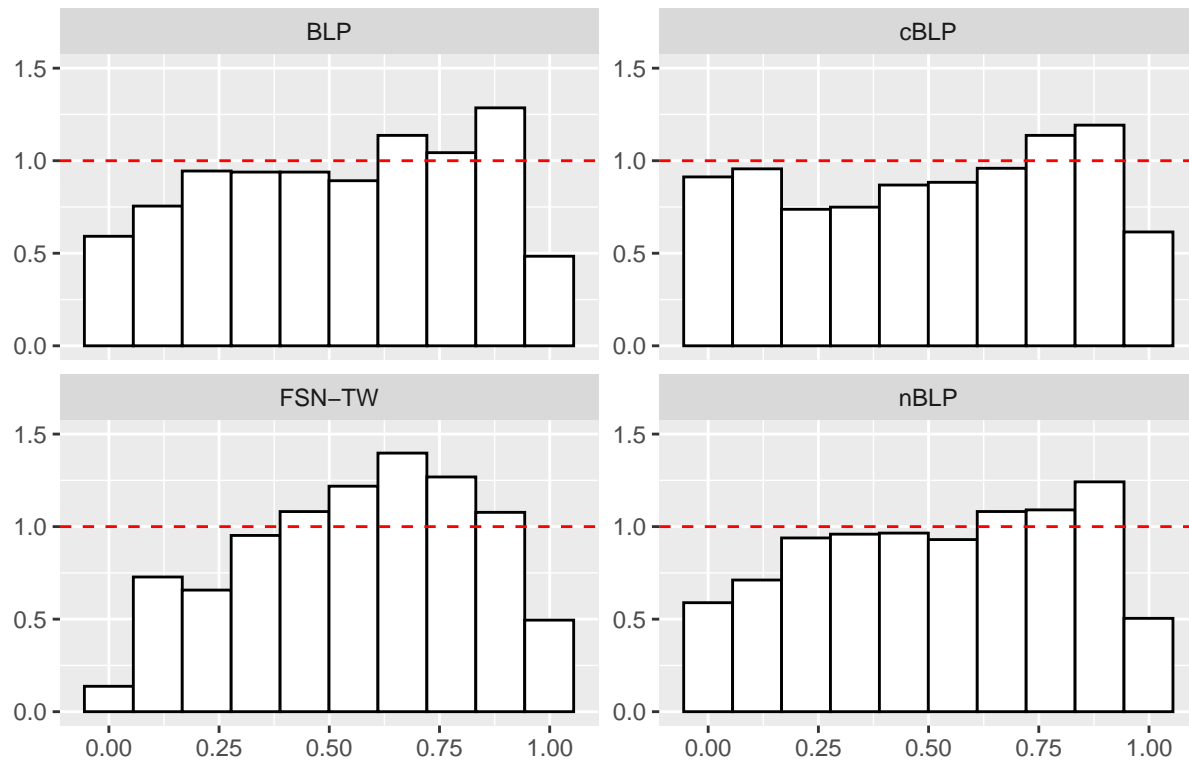
Season 2014/2015 PIT histograms



Season 2015/2016 PIT histograms

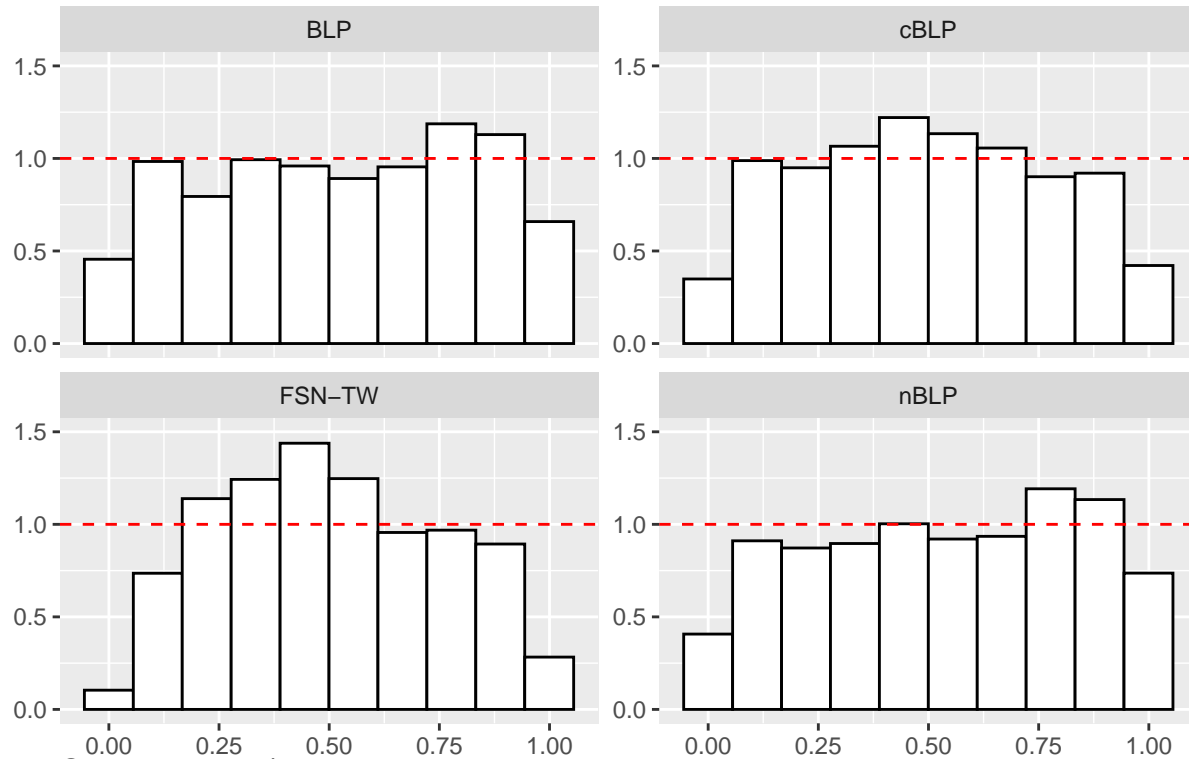


Season 2016/2017 PIT histograms

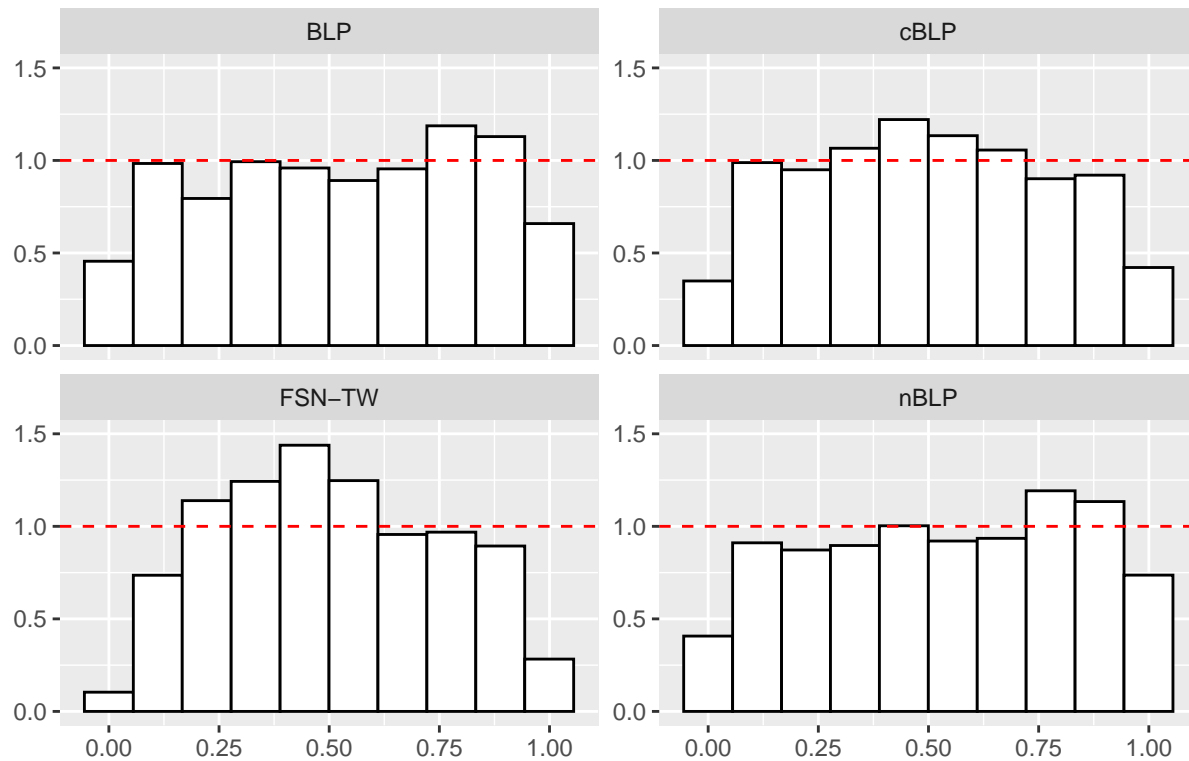


2 Week Ahead Calibration

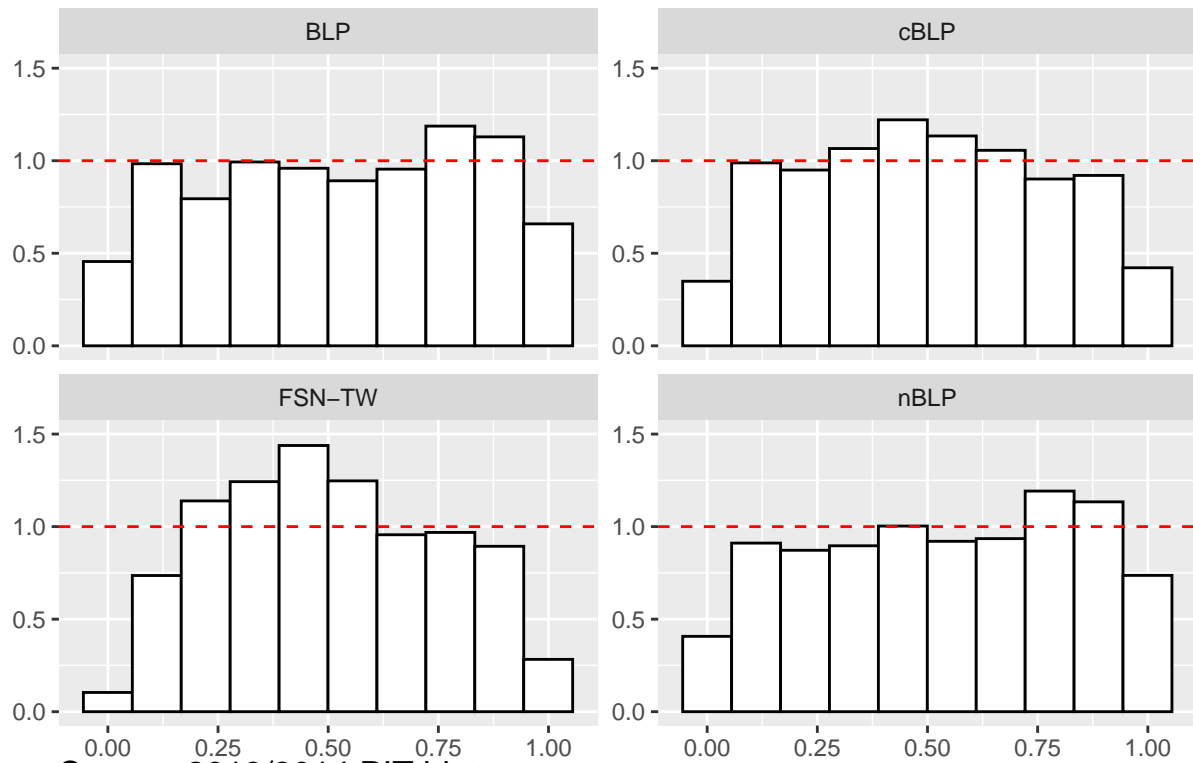
Season 2010/2011 PIT histograms



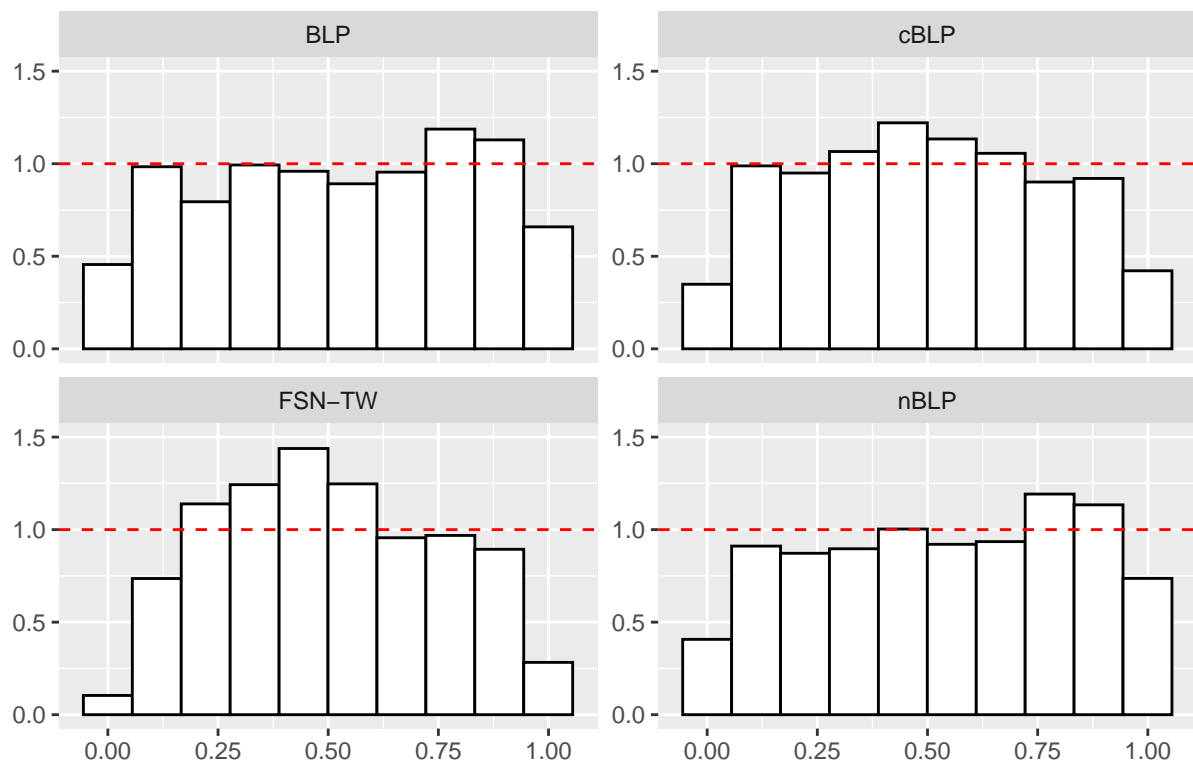
Season 2011/2012 PIT histograms



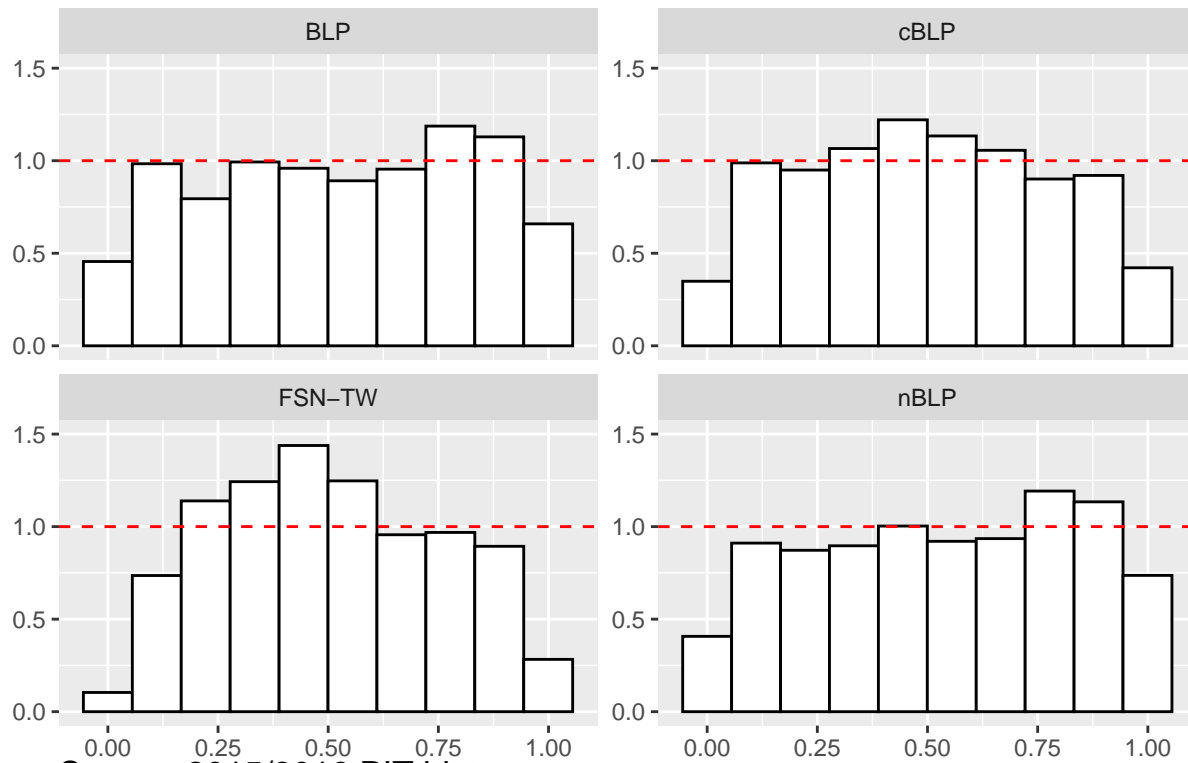
Season 2012/2013 PIT histograms



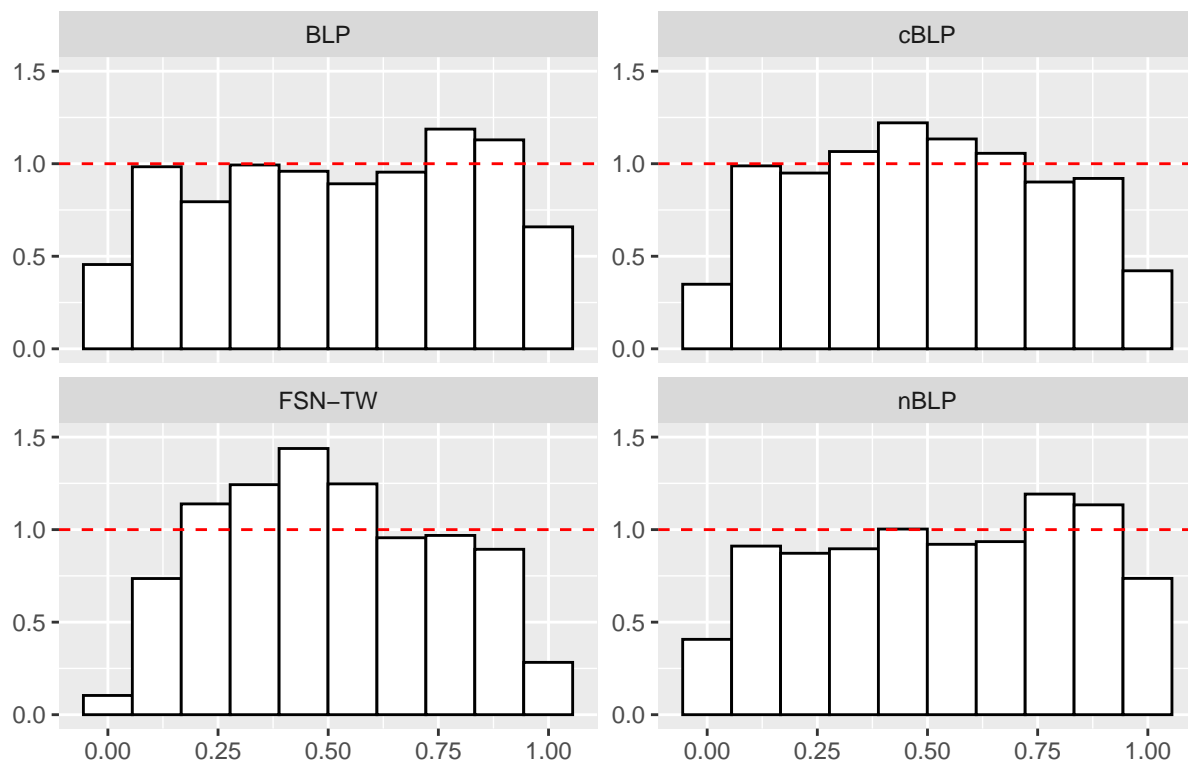
Season 2013/2014 PIT histograms



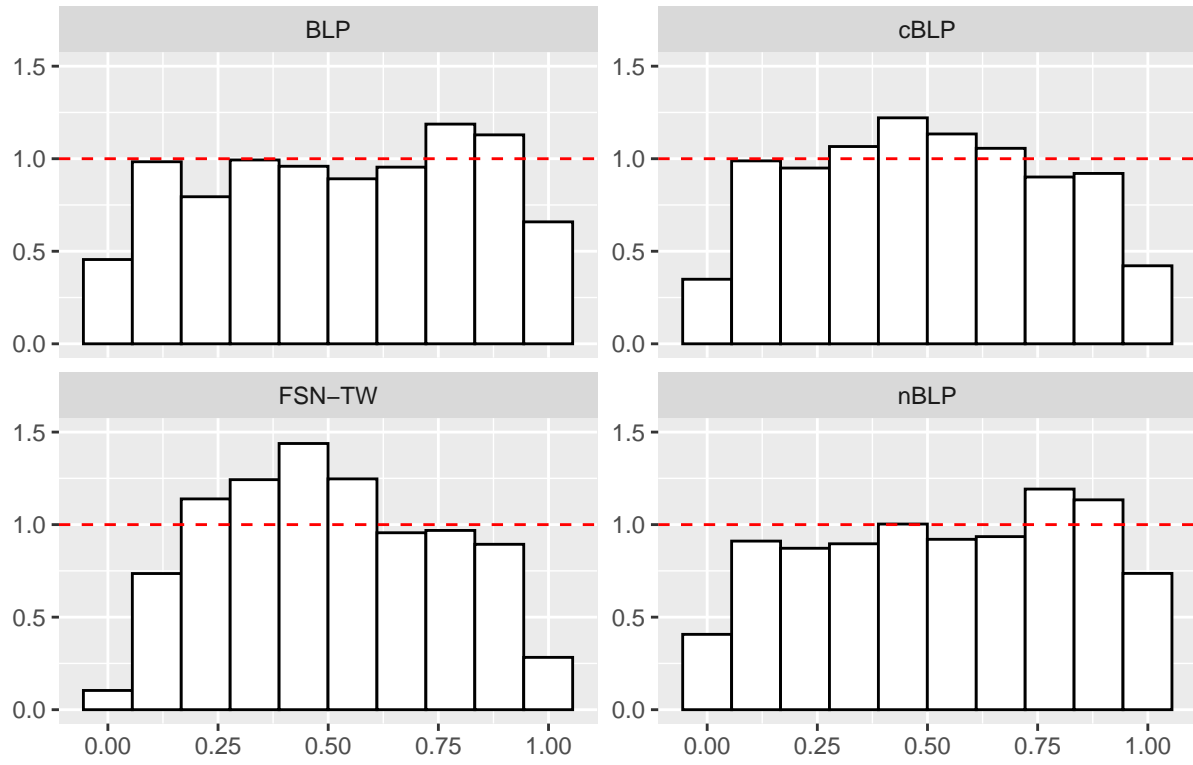
Season 2014/2015 PIT histograms



Season 2015/2016 PIT histograms

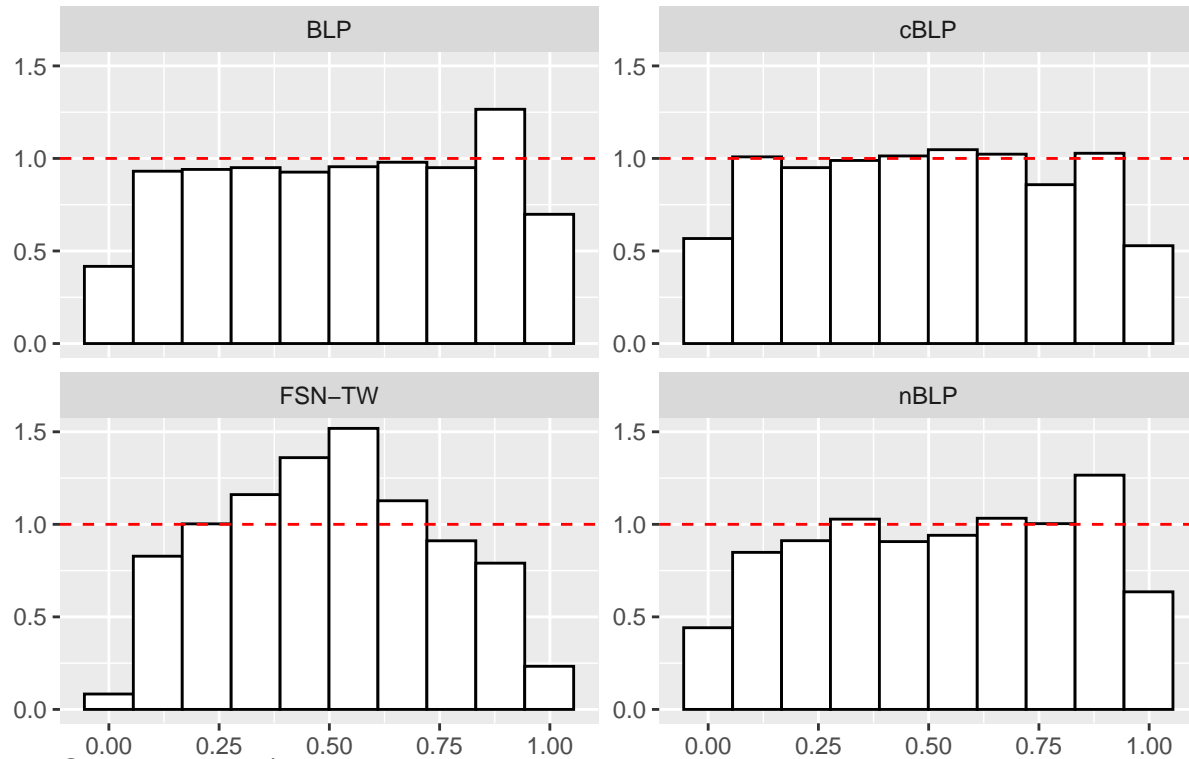


Season 2016/2017 PIT histograms

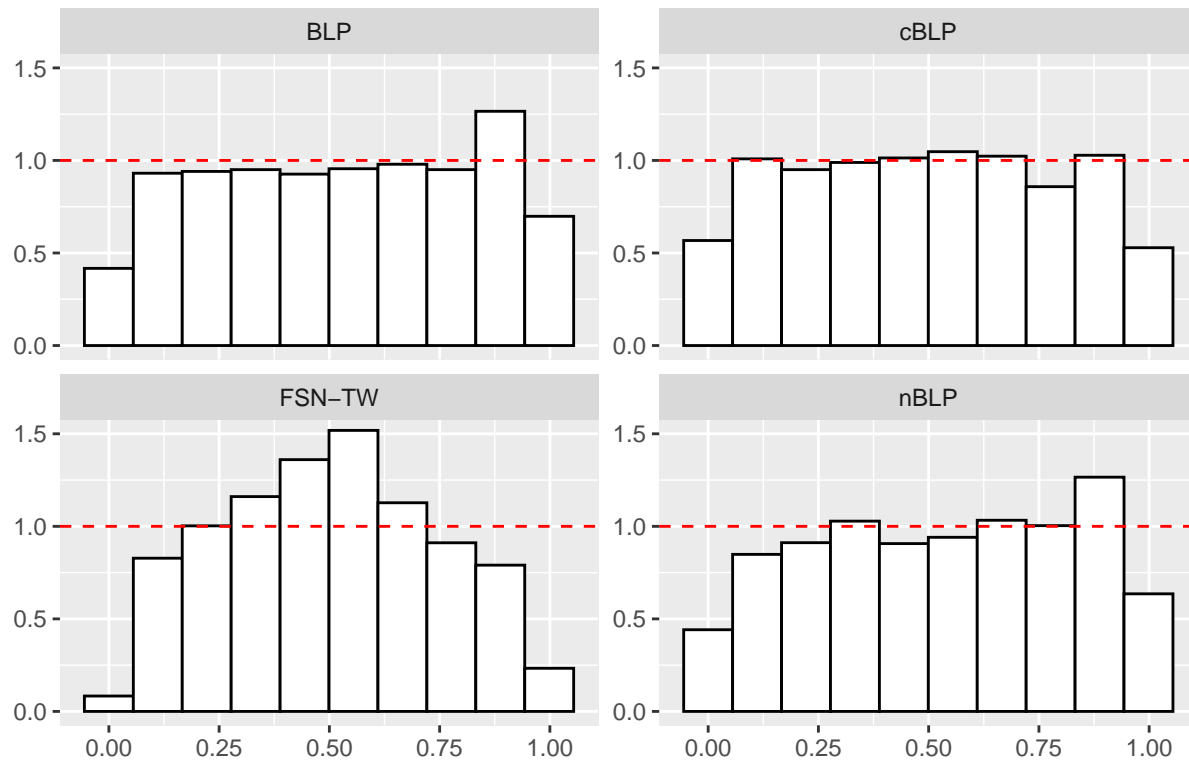


3 Week Ahead Calibration

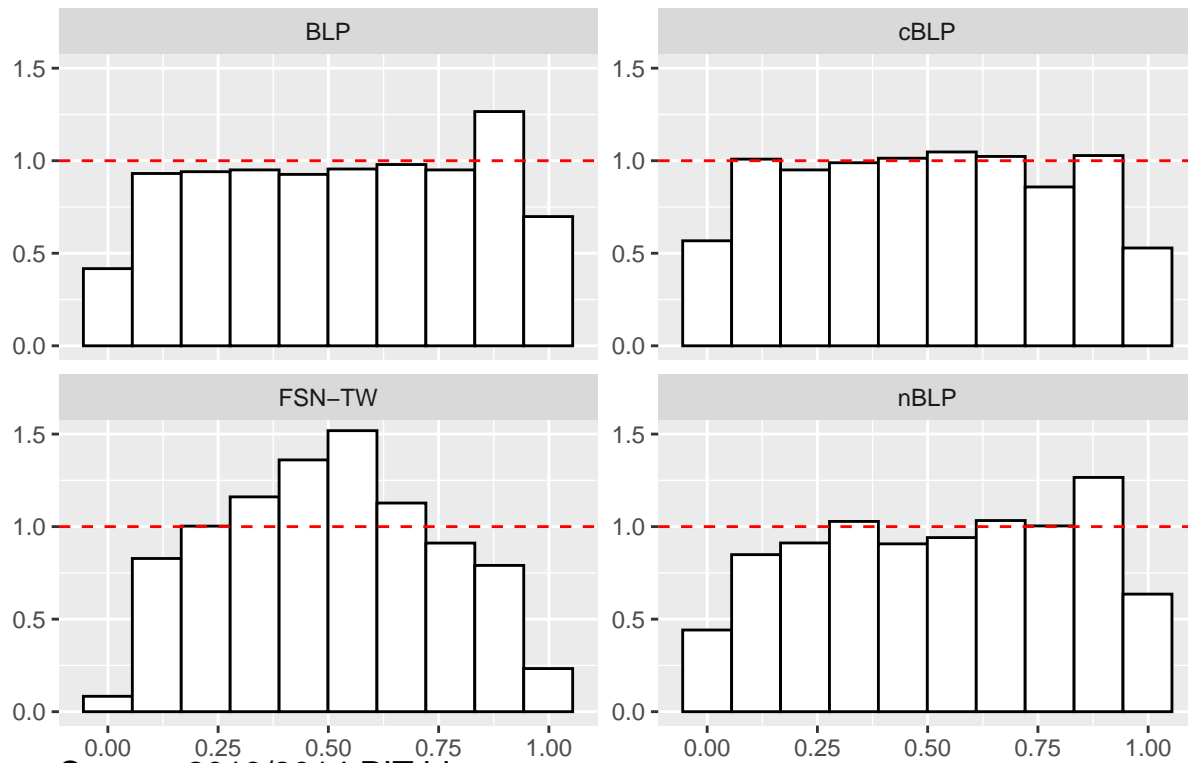
Season 2010/2011 PIT histograms



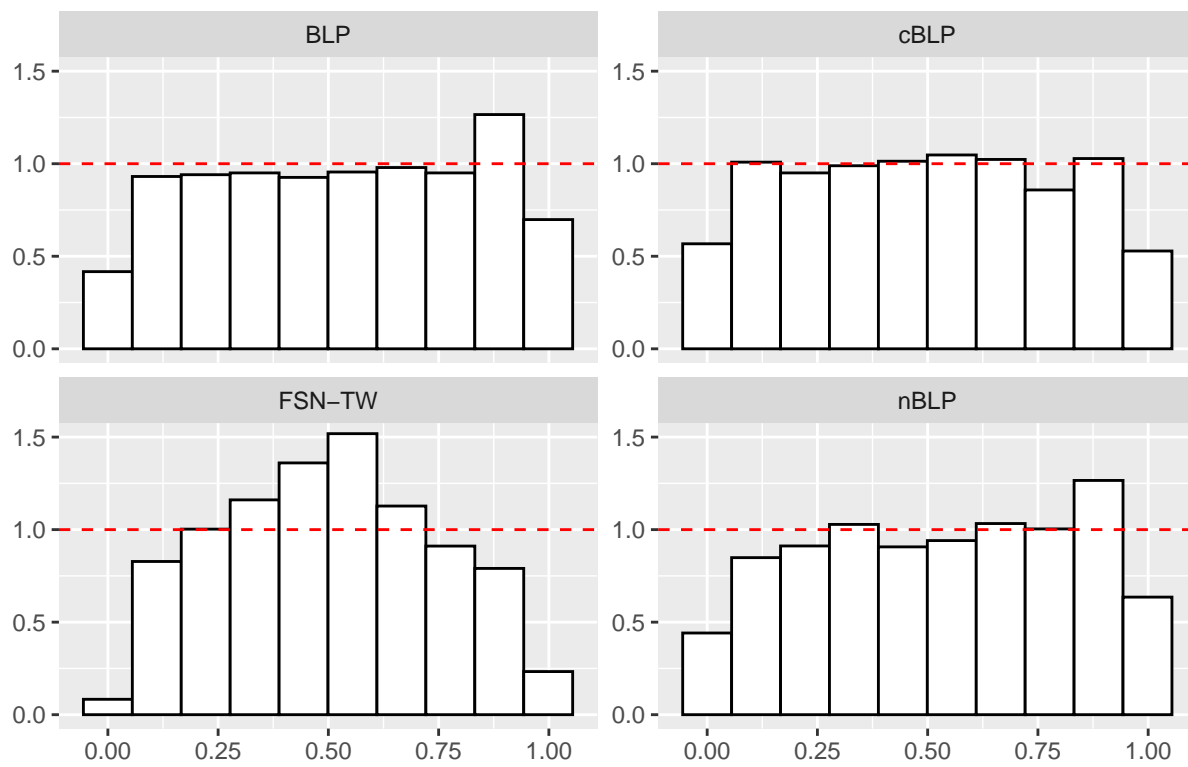
Season 2011/2012 PIT histograms



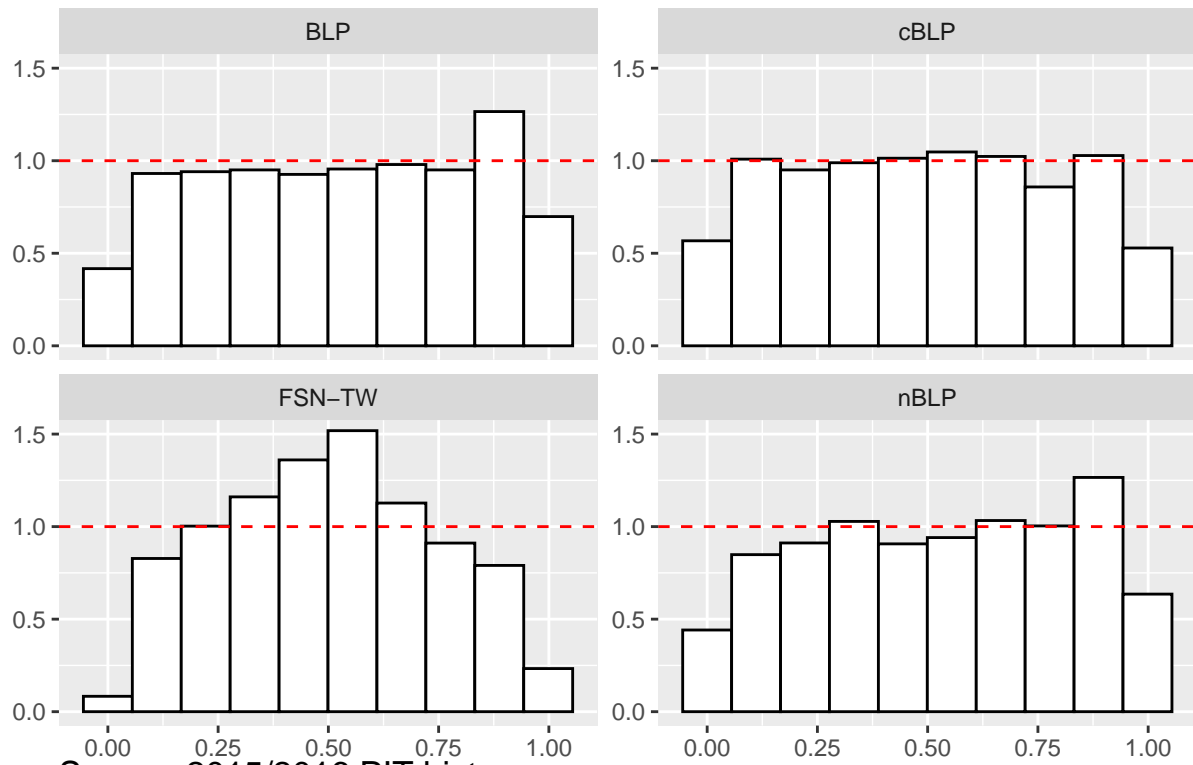
Season 2012/2013 PIT histograms



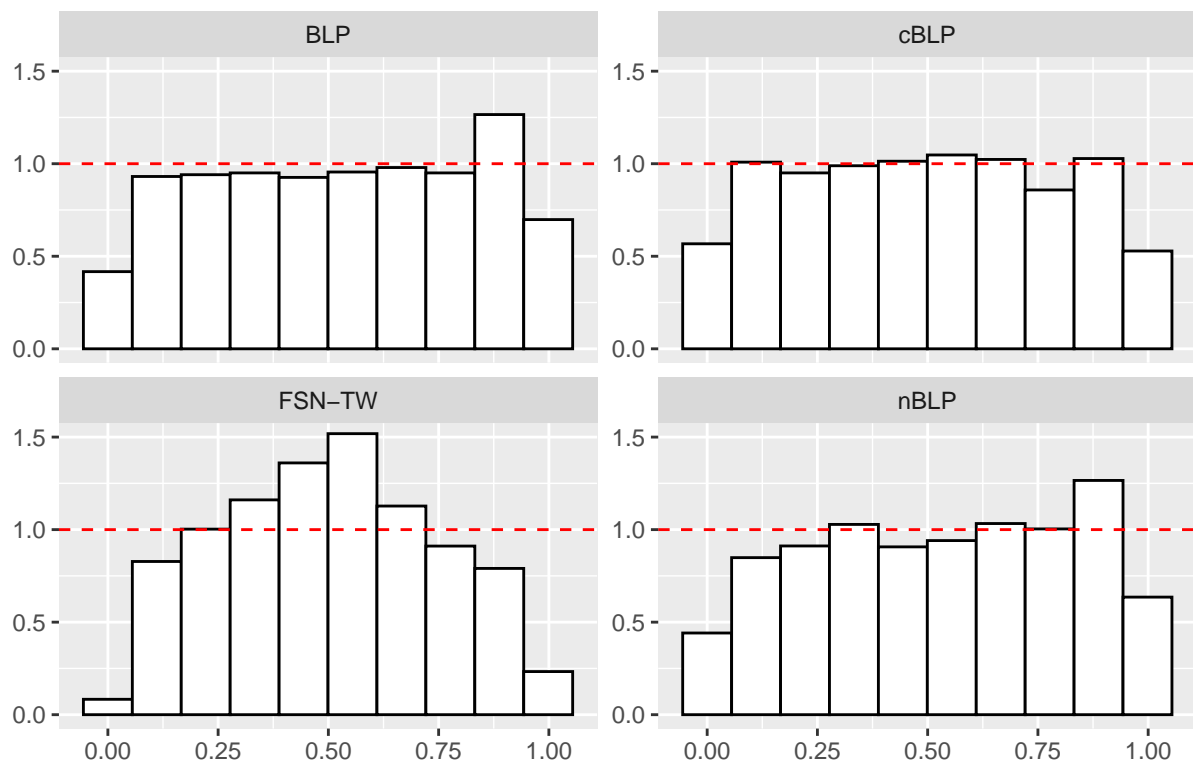
Season 2013/2014 PIT histograms



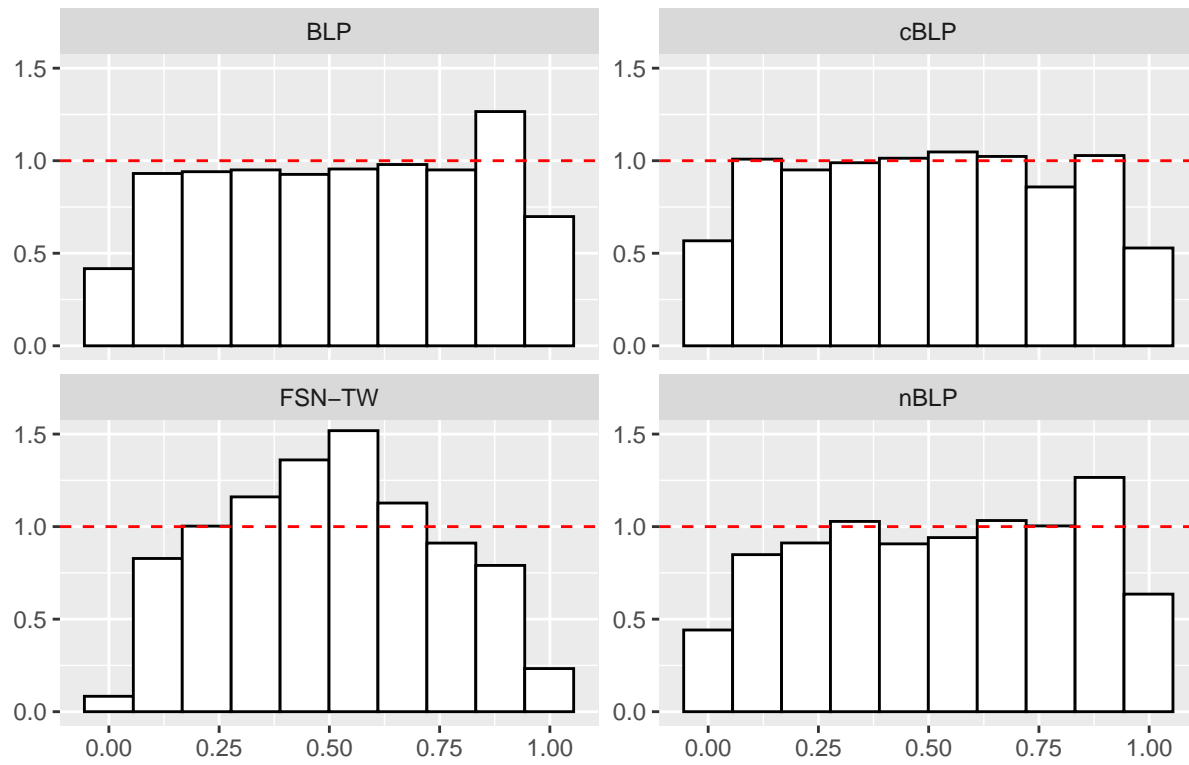
Season 2014/2015 PIT histograms



Season 2015/2016 PIT histograms

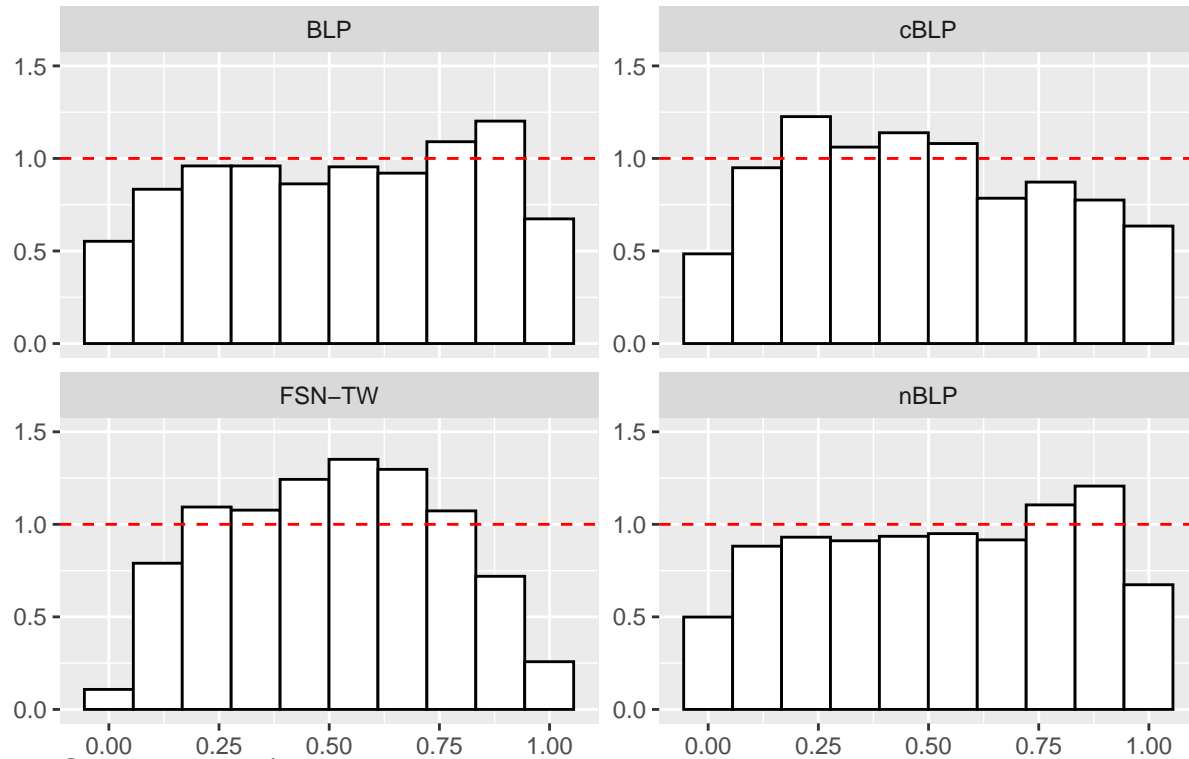


Season 2016/2017 PIT histograms

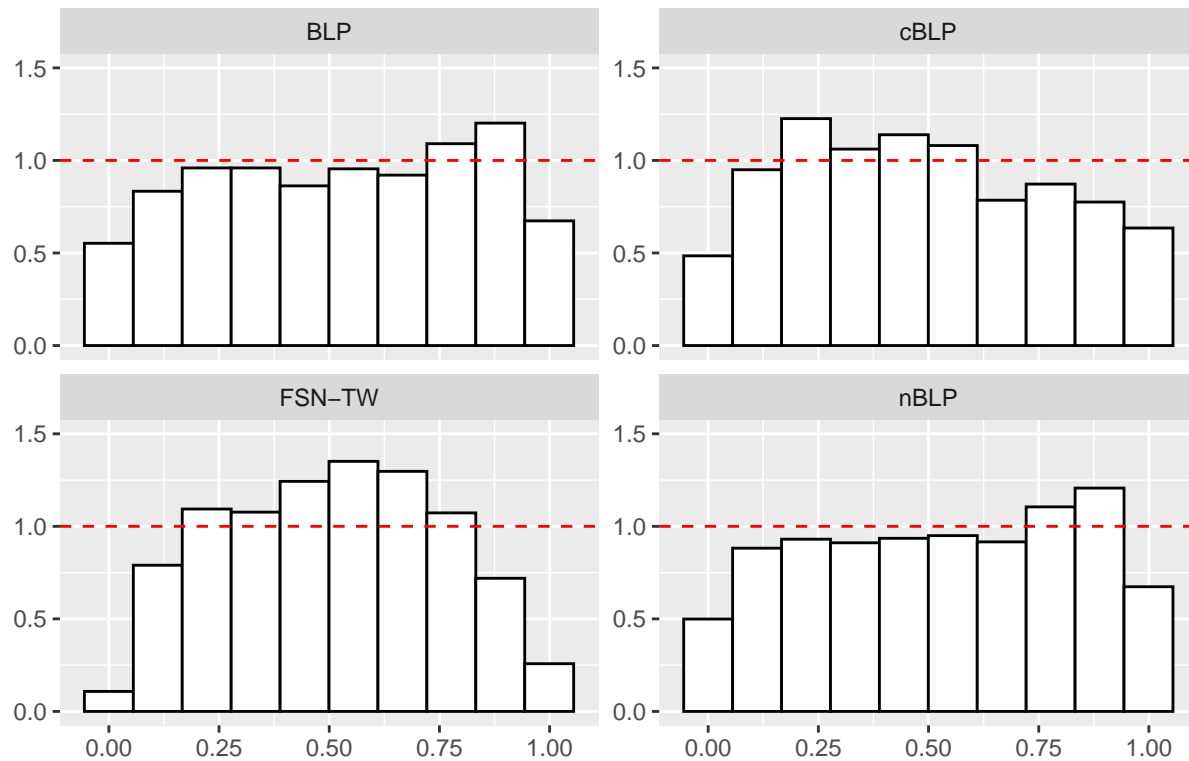


4 Week Ahead Calibration

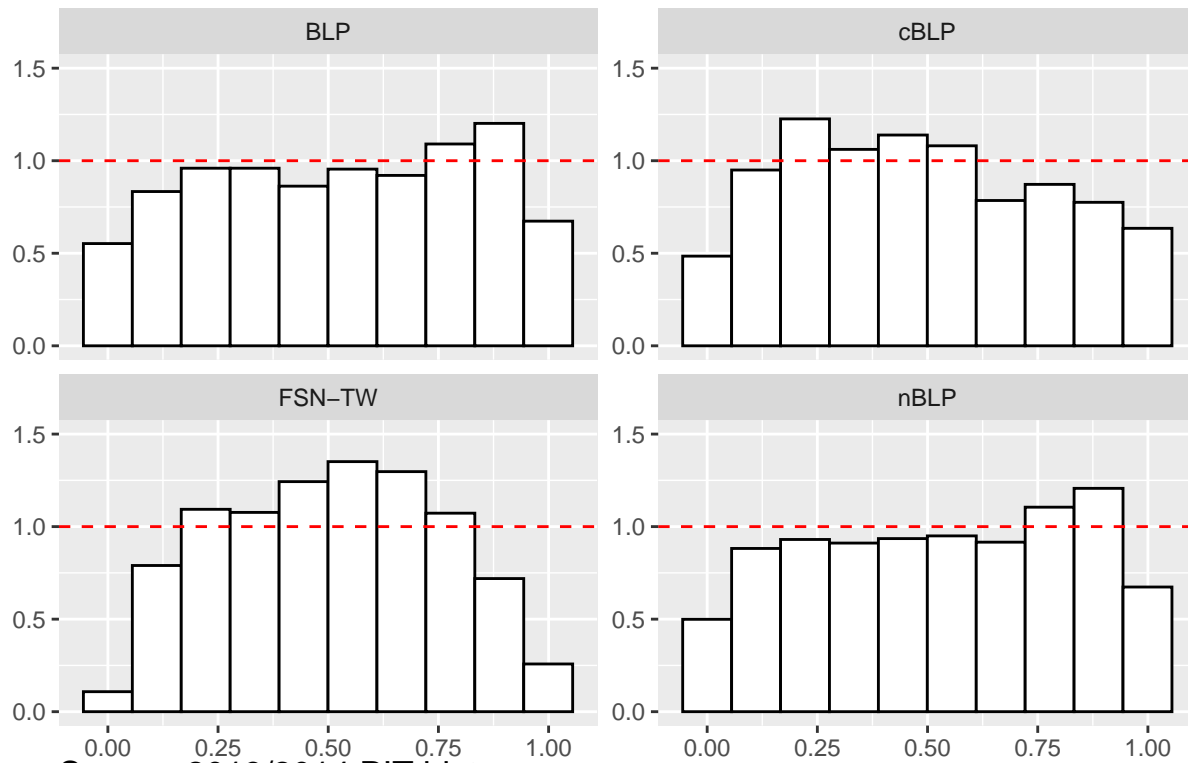
Season 2010/2011 PIT histograms



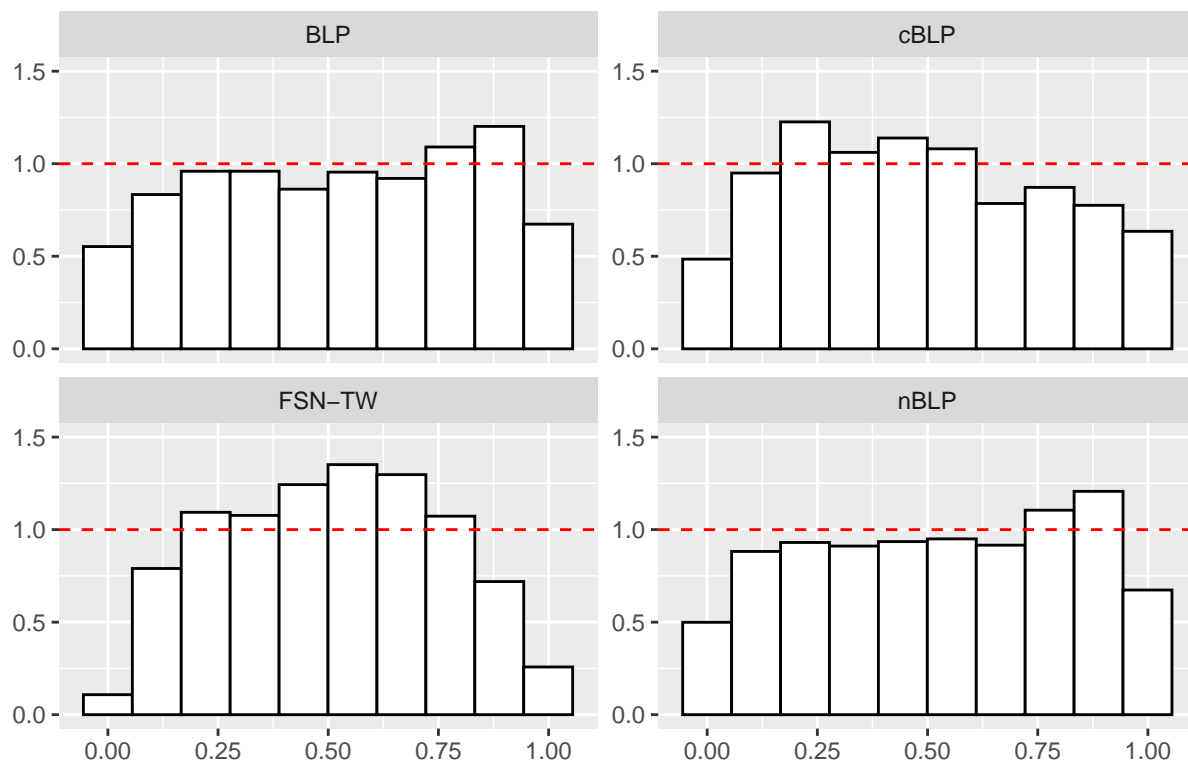
Season 2011/2012 PIT histograms



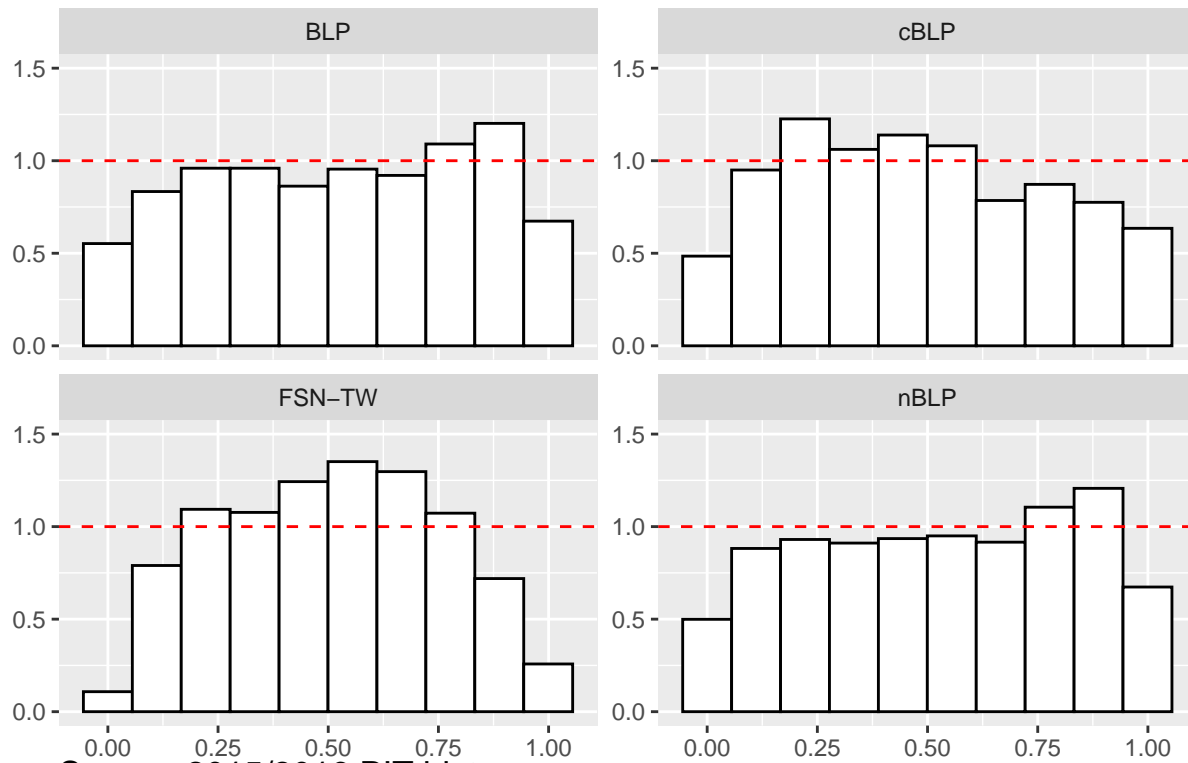
Season 2012/2013 PIT histograms



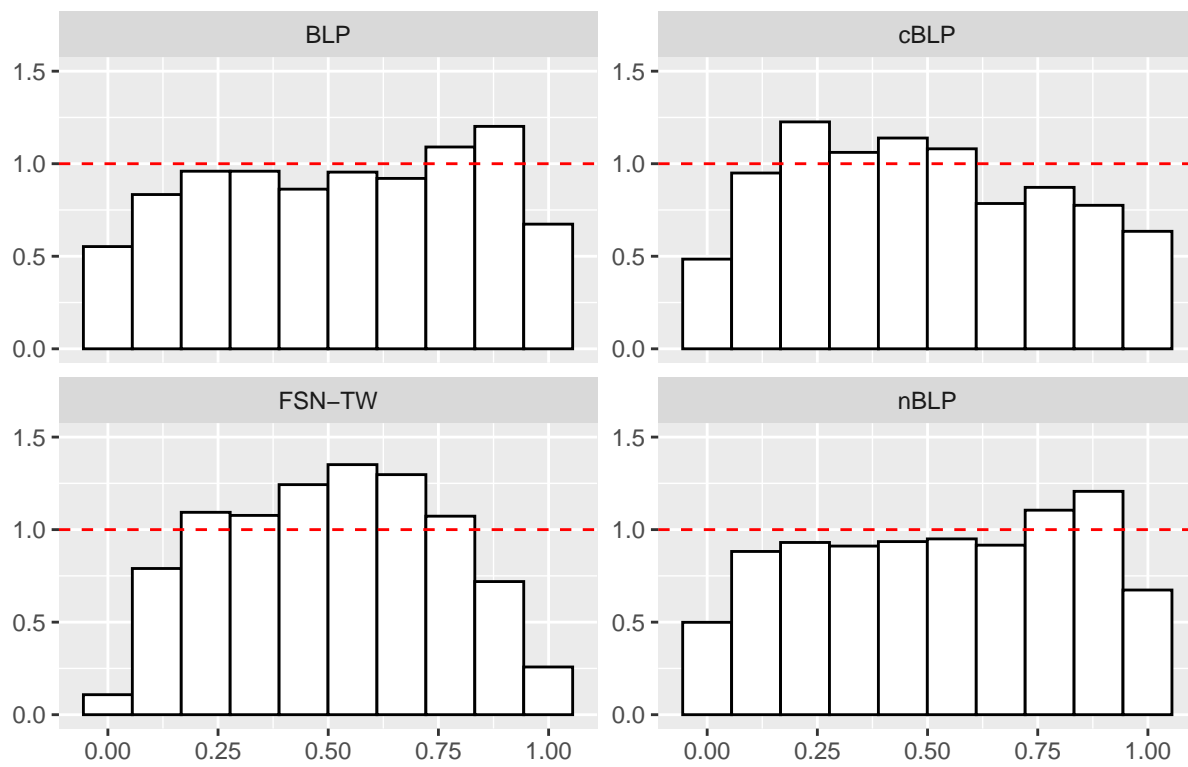
Season 2013/2014 PIT histograms



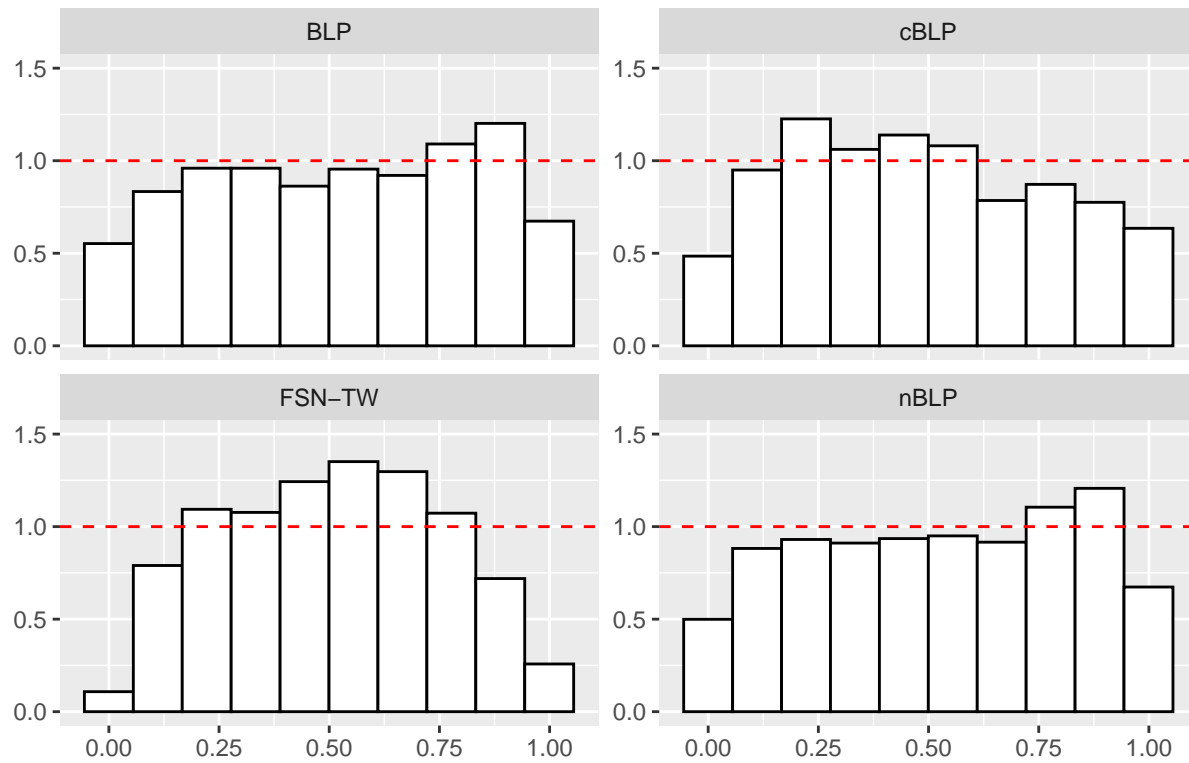
Season 2014/2015 PIT histograms



Season 2015/2016 PIT histograms



Season 2016/2017 PIT histograms



Log Scores

1 Week Ahead

Model	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	Average
BLP	-2.810	-2.384	-2.722	-2.530	-2.492	-2.457	-2.556	-2.564
cBLP	-3.397	-2.686	-2.931	-2.677	-2.816	-2.546	-2.766	-2.831
FSNetwork-TW	-3.058	-2.381	-2.788	-2.519	-2.662	-2.470	-2.619	-2.643
nBLP	-2.878	-2.367	-2.729	-2.485	-2.476	-2.452	-2.557	-2.563

2 Week Ahead

Model	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	Average
BLP	-2.849	-2.678	-3.013	-2.813	-2.785	-2.775	-2.837	-2.821
cBLP	-3.002	-2.811	-3.097	-2.987	-3.195	-2.844	-2.973	-2.988
FSNetwork-TW	-3.077	-2.547	-3.070	-2.797	-2.899	-2.775	-2.890	-2.865
nBLP	-2.820	-2.673	-3.031	-2.796	-2.738	-2.733	-2.847	-2.805

3 Week Ahead

Model	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	Average
BLP	-2.986	-2.814	-3.218	-2.936	-2.929	-2.946	-3.090	-2.988
cBLP	-3.411	-3.036	-3.243	-3.083	-3.204	-2.979	-3.213	-3.167
FSNetwork-TW	-3.186	-2.710	-3.270	-2.992	-3.122	-2.996	-3.115	-3.056

Model	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	Average
nBLP	-2.932	-2.826	-3.177	-2.939	-2.885	-2.972	-3.067	-2.971

4 Week Ahead

Model	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	Average
BLP	-3.082	-3.049	-3.425	-3.046	-2.988	-3.037	-3.216	-3.120
cBLP	-3.147	-3.168	-3.526	-3.185	-3.503	-3.112	-3.273	-3.274
FSNetwork-TW	-3.251	-2.851	-3.432	-3.152	-3.269	-3.133	-3.208	-3.185
nBLP	-3.043	-3.003	-3.381	-3.016	-3.013	-3.102	-3.216	-3.110

Across All Targets

Model	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	Average
BLP	-2.932	-2.731	-3.095	-2.831	-2.799	-2.804	-2.925	-2.873
cBLP	-3.239	-2.925	-3.199	-2.983	-3.180	-2.870	-3.056	-3.065
FSNetwork-TW	-3.143	-2.622	-3.140	-2.865	-2.988	-2.844	-2.958	-2.937
nBLP	-2.918	-2.717	-3.079	-2.809	-2.778	-2.815	-2.922	-2.862