

Advanced methods in applied statistics: Problem set 1

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February 17, 2021



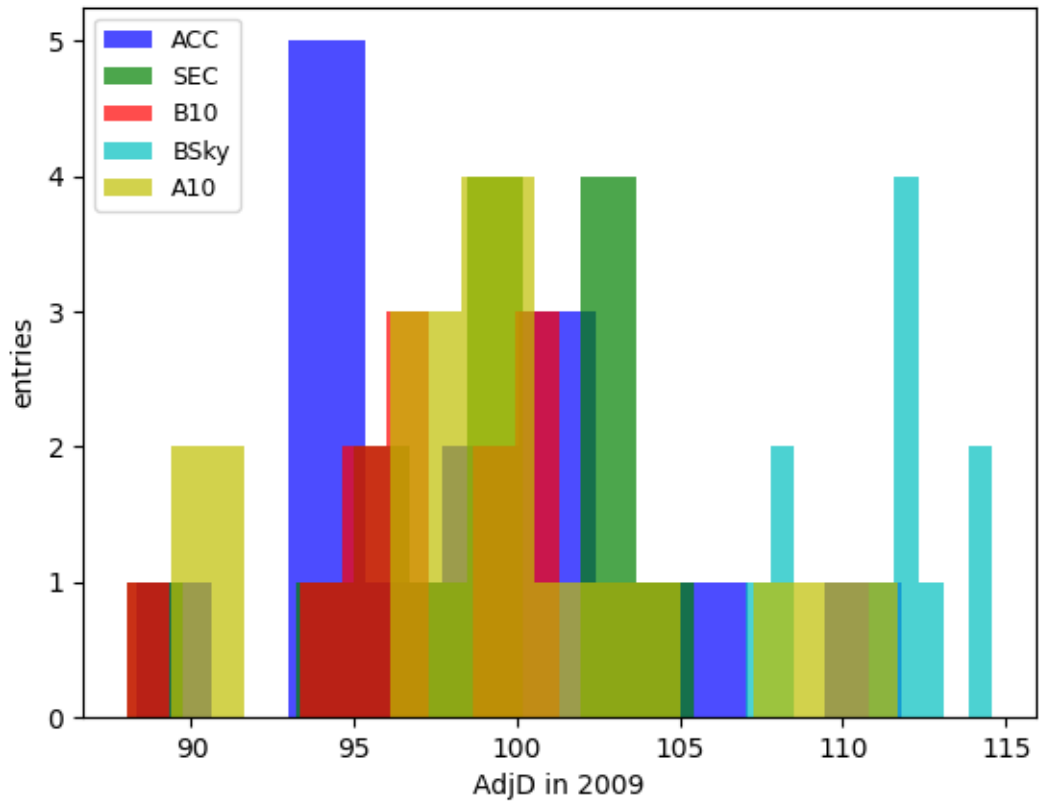


Figure 1: Histogram representation of AdjD for each conference

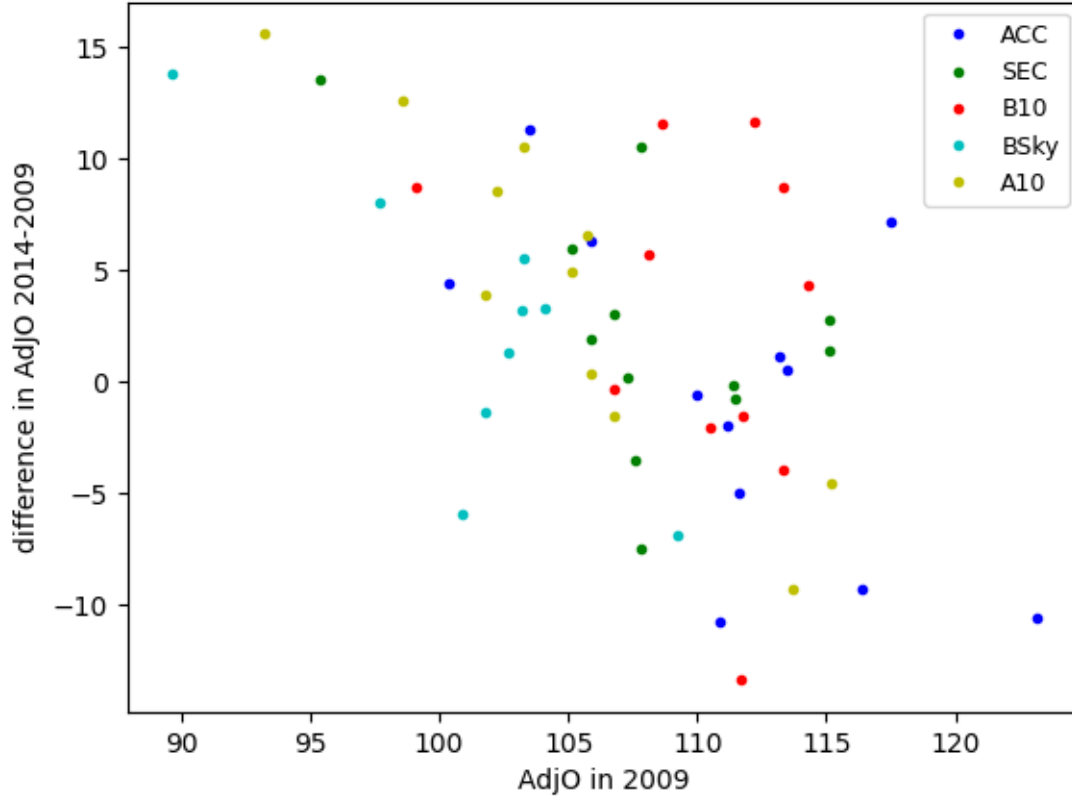


Figure 2: Scatter plot of the improvement of each team from 2009 to 2014

Conference	means	medians
ACC	-0.625	-0.05
SEC	2.283	1.65
B10	2.673	4.30
BSky	2.322	3.20
A10	4.336	4.90
other	2.595	1.90

Table 1: Table of medians of the difference between 2014 and 2009 in AdJO

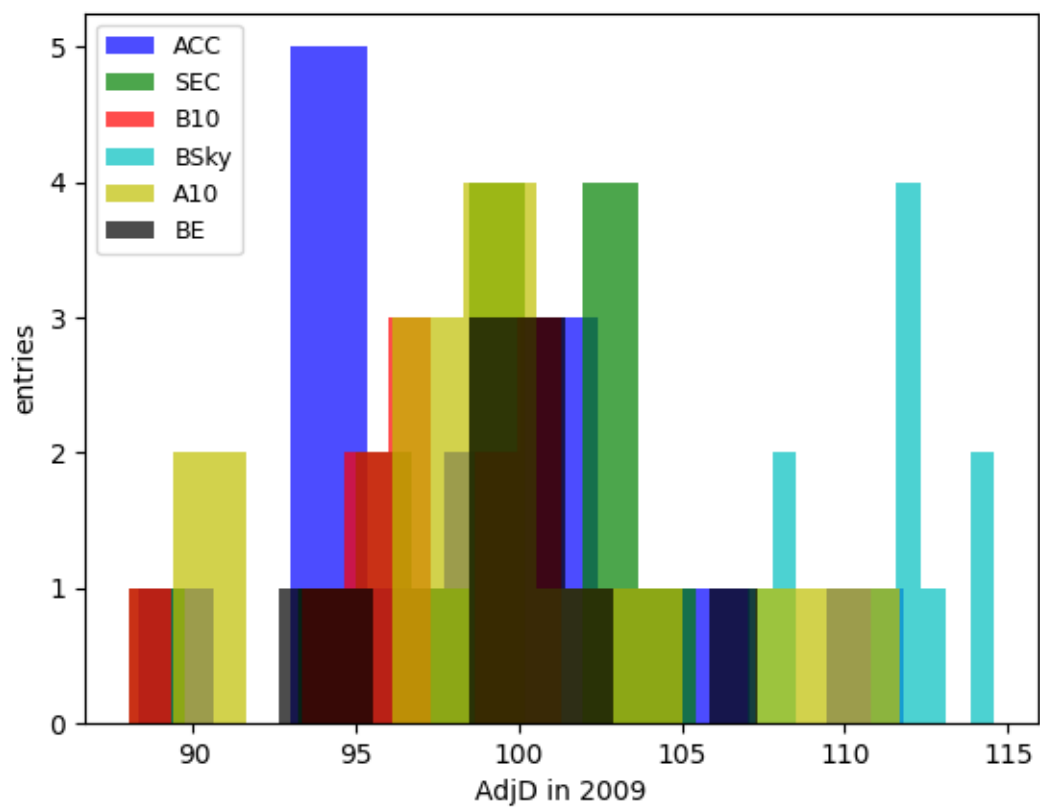


Figure 3: Histogram representation of AdjD for each conference including BE

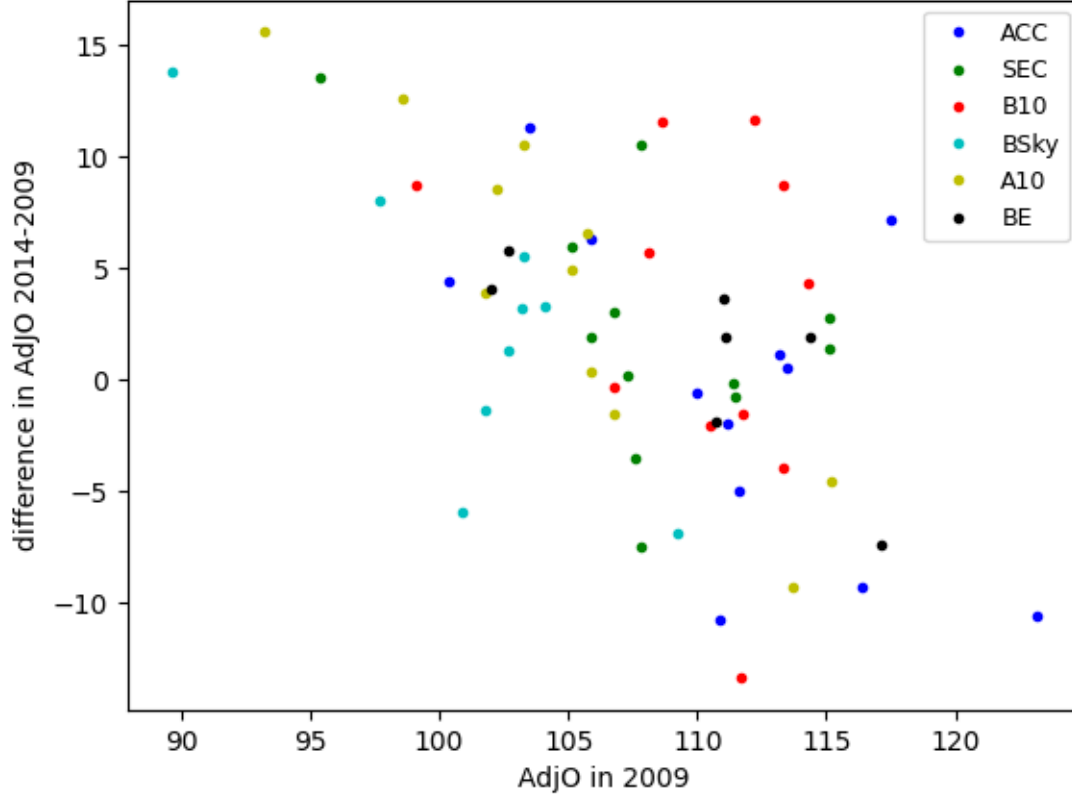


Figure 4: Scatter plot of the improvement of each team from 2009 to 2014 including BE

Conference	means	medians
ACC	-0.625	-0.05
SEC	2.283	1.65
B10	2.673	4.30
BSky	2.322	3.20
A10	4.336	4.90
BE	1.143	1.90
other	2.624	1.85

Table 2: Table of medians of the difference between 2014 and 2009 in AdjO

4 (EXTRA)

After parsing and depuring the data in the pdf document we were able to obtain a list of names of authors. The number of unique authors in this list is 3522. After ordering the list alphabetically we also obtained that the mid point is situated around the author "K. DE"