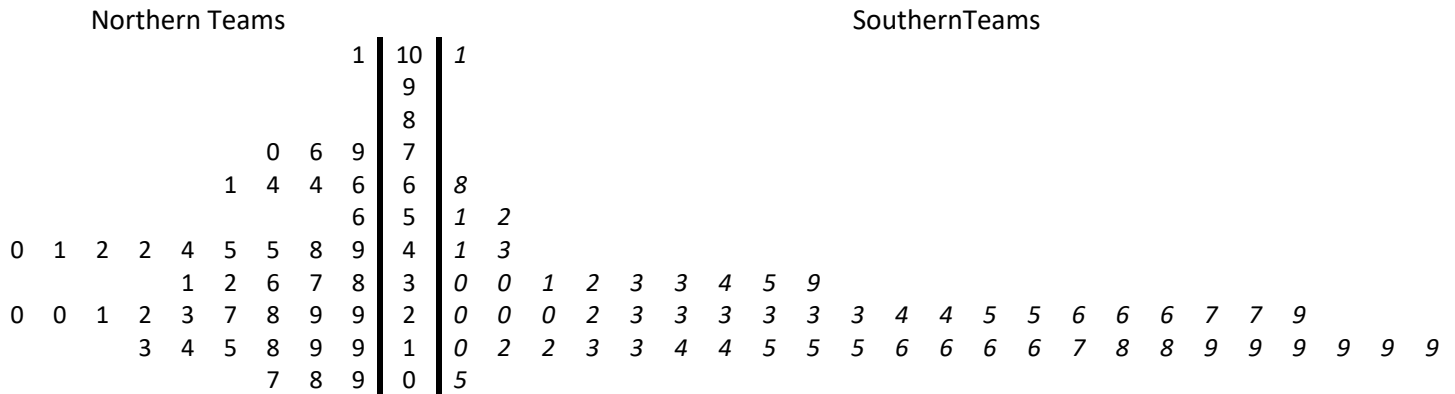


I wonder if the All Blacks tend to score more points in test matches against Northern hemisphere teams than Southern hemisphere teams? I am going to look at a random sample of data points taken from all test matches between 1992 to 2011. ①

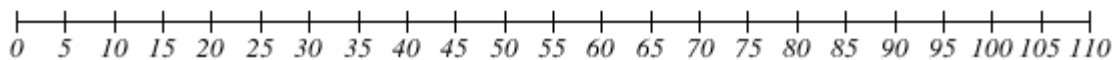


Key: the stem is in tens and the leaf in ones, so 5 | 1 means 51 ②

*Northern*



*Southern*



The summary statistics are:

	Min	1 <sup>st</sup> Quartile	Median	3 <sup>rd</sup> Quartile	Max
Northern	7	20	36	48	101
Southern	5	16.5	23	29.5	101

③

The average number of points scored against Northern teams (36) is more than the average number of points scored (23) against Southern teams.

The middle 50% of Northern scores is more spread out than the middle 50% of Southern scores. ④

I can say that the All Blacks tend to score more points in test matches against Northern teams than Southern teams between 1992 and 2011. This is confirmed by the DBM/OVS ratio which is 0.41 and this is bigger than 0.2. ⑤