The Best Measure of Spread to Use

Our main measures of spread are:

	Range	IQR	Standard Deviaiton
Advantages	- easy to caluclate	- is not affected by extreme values	- Shows how much data is clustered around a mean value - It gives a more accurate idea of how the data is distributed - takes into account all the data values
Disadvantages	- can be affected by extremevalues - does not take into account the whole data set	- only takes into account the central 50% of data	- can be affected by extremevalues - a long and complex process