

Degrees of Trust

Be Objective

Have you reported the results honestly? Have you included all the results even when they did not match your prediction? Did you have a control group?

Accuracy

Was your measuring equipment accurate?

Reproducibility

Can your investigation be repeated? Have you repeated your results? Did you get the same or very similar results?

Consensus

This does not mean that all the data has to show the exact same results, but if the majority of other investigations show results that are the same or very similar then we can have a higher degree of trust in our results. If your results are completely different to all the other data sets for similar investigations, then it is necessary to consider why that is.

Sample Size

This is how many were included in your investigation.

The more data you have the more likely it is to show the 'real' picture.

