

generally.

caused the DV, and this endeavour is known as **internal validity**. This can be threatened by confounding variables that systematically affect the results of the experiment. The most basic ways to avoid this include high experimental control, random assignment to variables and accurate measuring equipment.

there can be problems with participants (often referred to as confounding variables). To overcome these, we need to control for individual differences (age, ethnicity, gender etc.) (if searching for normative theories), measure individual differences (if searching for idiographic conclusions) and draw large enough samples in order to reduce 'error' and establish means etc.

As scientists, we assume that an empirical approach to investigating behaviour is the most reliable, fair, valid and systematic. We disregard laypeople's 'inductive reasoning' in favour of 'deductive' reasoning.

> This describes behaviour in its 'natural state', outside of artificial, experimental manipulations

Examples include ethnography, case studies, archival studies, naturalistic observations (diaries, suicide notes, magazines, websites). These are all approaches used by **Cohen & Nisbett (1996)** when attempting to describe the 'culture of honour' in southern, white north American males. However, they also adopted an experimental technique using insults and measures of aggression.

Though these allow for 'naturalistic' observations of people and so are ethical and reasonably high in ecological validity, causality cannot be imputed and so it is difficult to explain behaviour (which is a goal of science and psychology).