

Worksheet 2: Reliability and replicability answers

- 1 Applying self-determination theory to motivational rewards: Landry et al. (2019)



Yes because...



No, improve replicability by...

High in reliability as the task (e.g. read instruction paragraph then sentence on rewards) and scales (e.g. the Basic Psychological Needs Satisfaction Scale) were all standardised.

- 2 Leadership style and gender: Cuadrado et al. (2008)



Yes because...



No, improve replicability by...

Highly reliable as the experimental condition used a descriptive narrative and was identical except for the leadership style/gender of the supervisor.

- 3 Concentration levels when being monitored: Claypoole and Szalma (2019)



Yes because...



No, improve replicability by...

This study was also highly reliable as researchers used set timings to display stimuli, such as the critical signals.

- 4 Monitoring of accidents and risk events: Swat (1997)



Yes because...



No, improve replicability by...

Replicability could be improved by ensuring data from accident reports was recorded in an identical way, e.g. from different personnel across departments at a similar time after incidents occurred.

- 5 Reasons for sabotage in the workplace: Giacalone and Rosenfeld (1987)



Yes because...



No, improve replicability by...

All labourers were given a standard questionnaire (Sabotage Methods Questionnaire) which collected quantitative data which meant it could be replicated to compare results from a similar sample.