

## 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.*