

Abstracts

Team Interdependence: Construct and Measurement Challenges

Natasha Ouslis

Teams, by definition, work together and rely on each other to get their job done. This process of working together is called interdependence. Although interdependence in teams has been measured by researchers in various ways, these measures have not directly been compared with each other. This means we do not know whether one measure is better than another, or if the measures are even related. While tackling this, we found a puzzling pattern in the way students in project teams responded to the questions about interdependence. We then tested some potential explanations for this pattern. When we analyze a subgroup of the data that does not contain some of these puzzles, we find that these measures of team interdependence are less related than we would expect. This creates new research questions; for example, we will now explore why these measures are different, how they have been used in previous research across the field, and which measure we should use for team interdependence in the future.