

**Bonus Table:
Threats to Construct Validity**

<u>Threat</u>	<u>Result</u>
Inadequate explication of constructs.	May lead to incorrect inferences about the relationship between the operations and the construct.
Construct confounding.	Can lead to incomplete inferences about the construct.
Mono-Operation Bias.	Can lead to an underrepresentation of the construct and measurement of irrelevant constructs.
Mono-Method Bias.	Can confound method with the measurement of the construct leading to an inaccurate inference about the construct.
Confounding constructs with levels of constructs.	May fail to describe the limited levels of the constructs that were studied.
Treatment sensitive factorial structure.	The treatment may change the structure of a measure.
Reactive self-report changes.	The treatment may change the participant's motivation and this altered motivation might affect self-reports.
Reactivity to the experimental situation.	Participant's perceptions of the experimental situation affect the treatment construct being tested.
Experimenter expectancies.	The experimenter's expectancies affect the participant's responses with which in turn become part of the construct tested.
Novelty and disruption effects.	Participant's response to a novel innovation or to a disruption in their routine becomes part of the treatment construct.
Compensatory equalization.	Participants, staff, or others in the comparison group and not receiving the treatment may try to compensate and this compensation must be included in the treatment construct description.
Compensatory rivalry.	Participants not receiving treatment may be motivated to show they can do as well as those receiving treatment and this rivalry must be included in the treatment construct description.

Resentful demoralization. Participants not receiving a treatment may be so resentful or demoralized that they respond more negatively and this must be included in the treatment construct description.

Treatment diffusion. Construct descriptions are difficult when participants receive services not included in the treatment.
