Main Takeaway!

High conformity to masculine norms contributed to an increased risk of opioid abuse in men with chronic pain compared to those with lower conformity to masculine norms.

Moderated Mediation Model

\[ \text{Risk of Opioid Abuse} = \text{Negative Pain Medication Attitudes} \times \text{Conformity to Masculine Norms} \]

Mediation: increased pain catastrophizing predicted increased negative attitudes about pain medications, and in turn, as negative pain medication attitudes increased risk of opioid abuse increased.

Moderated Mediation: men with higher levels of conformity to masculine norms strengthened the positive mediated relation, contributing an increased risk of opioid abuse compared to those with lower conformity.