Create Operationalization

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**Hypothesis: Heat will increase aggression**

This hypothesis suggests that human exposure towards hot weather is the reason for increased aggression. In this hypothesis, two variables are identified that are heat and aggression. Here heat is considered as independent variable whereas aggression is considered as dependent variable.

Moving on with this hypothesis, it is important to operationalize the variables to test the hypothesis. For this purpose, 60 adults, including both male and female, were approached. These people are from East Coast and are of different ethnicity.

**Operationalized independent variable**

In the hypothesis mentioned above the independent variable is heat. In order to measure heat half of the 60 adults were sent in a room with high temperature while others in a controlled temperature room with a questionnaire to solve. The questionnaire consists of hundred questions of different social issues. It was observed that people in the hot temperature room were not even reading the questions due to the extreme fatigue while others were aggressively filling the questionnaire.

In contrast, people who were in the controlled temperature were more focus on the questionnaire. It was also observed that the people in the controlled temperature were willing to come again for the follow-up survey rather than those in the hot temperature room (Denson & Miller, 2006).

**Operationalized dependent variable**

To measure the aggression, half of the 60 adults were sent to the hot temperature room while others were sent to control the temperature room. Each of them was given games to play, but the joysticks were placed in normal position and inverted position. It was observed that people in the hot temperature room and controlled temperature shows no frustration when the joysticks were placed normal. When the joysticks were placed inverted people in the hot temperature room showed more aggressive behavior as compared to the controlled temperature room (Anderson & DeNeve, 1995).

**References**

Anderson, C. A., Deuser, W. E., & DeNeve, K. M. (1995). Hot temperatures, hostile affect, hostile cognition, and arousal: Tests of a general model of affective aggression. *Personality and Social Psychology Bulletin*, *21*(5), 434-448.

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