**Rules of hypothesis formation:**

- They need to be falsifiable...they can be proven wrong!
  - Variables are stated in a way that you can measure it
  - Your IV can’t be a property of your DV.
  - Explicit Comparison!
  - Demonstrates the rough relationship—how they are related (i.e., direction)
- They are not immediately verifiable...they might be wrong, you can’t prove them wrong without any analysis.
  - Your IVs and DVs can’t be facts (units of analysis) they need to be properties or characteristics

**Remember:**
- **IVs:** Independent Variables, aka Explanatory Variables...the variable that creates the change
- **DV:** Dependent Variables, aka Outcome Variables...the variable that is changed