**Choosing Your Codes**

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**What kind of IV?**

- **Ratio/Interval**: No coding needed.
  - Test whether each level differs from all previous ones
  - Test overall shape of the function
- **Categorical**: Your goal?
  - Ordinal: Your goal?
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      - **Helmert**
        - Example: Does low WM load impair reading? Does moderate load have an effect beyond low load? Does high load have an effect beyond that?
        - (Or: Likert scales!)
      - **Polynomial**
        - Example: Does spreading out the repetitions of a word have a monotonic or non-monotonic effect on memory?
      - **Dummy**
        - Example: Does a semantic prime change performance vs. no prime? Does a phonological prime? (And, you don't care about differences between prime types.)
      - **Orthogonal Contrast**
        - Example: Do semantic & phonological primes differ from no prime? And do the 2 prime types differ from each other?
      - **Effects**
        - Example: Which learning conditions allow children to be better than chance at identifying the correct argument structure of a verb?
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