**MA Replication Report – Analysis Plan**

* Full sample (3.5 to 7.5 yo)
* Tasks:
  + AHT (trials from no escape condition) proportion 0-1 continuous
  + MDG (trials from public, costly condition) proportion 0-1 continuous
  + Pain Sim (prosocial acts scale) 0-3 categorical
  + Blocked Door (4-point scale: none, compliant, cued, spontaneous)
  + Unequal Stickers (4-point scale: none, compliant, cued, spontaneous)
  + Broken Teddy (4-point scale: none, compliant, cued, spontaneous)
* Exclusion criteria: as specified in preregistered report for 3 complex tasks (i.e., use “drop columns” to exclude data); use comments for 3 simple tasks
* Analyses:
  + Three correlation analyses:
    - Full sample
    - Younger sample (3.5 to 5.5)
    - Older sample (5.5 to 7.5)
  + SEM:
    - Aim is to test 3 different models (i.e., is psb 1 global construct, 2 constructs (as Paz found), or 3 constructs (KD’s framework)?)
    - Include age & gender in all models
    - Model with 1 latent factor:
      * latent variable: PSB
      * observed variables: blocked\_door, sticker\_sharing, broken\_teddy, aht, mdg, pain\_sim
    - Model with 3 latent factors
      * latent variables: helping, sharing, and comforting
      * observed variables:
        + helping: blocked\_door & aht,
        + sharing: sticker\_sharing & mdg
        + comforting: broken\_teddy & pain\_sim (PA)
    - Model with 2 latent factors
      * latent variables: costly, instru-affective
      * observed variables:
        + Costly: aht & mdg & sticker\_sharing
        + Instru-Affective: blocked\_door & broken\_teddy & pain\_sim
* WLSMV or MLR estimator?

A diagram of a diagram

AI-generated content may be incorrect.