Data for the "Implicit Counterfactual Effect in Partial Feedback Reinforcement Learning" Study

The dataset contains four stimuli coded as {1, 2, 3, 4}. The associations with rewards and the corresponding names in the paper are as follows:

- (A1, B) = (1, 3)
- (A2, C) = (2, 4)

A1 and A2 are associated with rewards from the same distribution, N(64, 13), while B and C are associated with rewards from two different distributions, N(54, 13) and N(44, 13), respectively.

Data Structures

table_learning:
- **Variables:** condition, stimLeft, stimRight, action, chosen, rewLeft, rewRight, RT
  - **condition:** Indicates whether the pair is (1, 3) or (2, 4)
  - **stimLeft:** Stimulus on the left
  - **stimRight:** Stimulus on the right
  - **action:** Side chosen (1 for left, 2 for right)
  - **chosen:** Name of the chosen stimulus
  - **rewLeft:** Reward of the left stimulus
  - **rewRight:** Reward of the right stimulus
  - **RT:** Reaction time of the decision

table_transfer:
- **Variables:** stimLeft, stimRight, action, chosen, conf, RT_choice, RT_conf
  - **stimLeft:** Stimulus on the left
  - **stimRight:** Stimulus on the right
  - **action:** Side chosen (1 for left, 2 for right)
  - **chosen:** Name of the chosen stimulus
  - **conf:** Value of confidence

- **RT_choice:** Reaction time of choice
- **RT_conf:** Reaction time of confidence reporting

table_estimate:
- **Variables:** stim, estimate, RT
  - **stim:** Stimulus number on the screen
  - **estimate:** Estimated value
  - **RT:** Reaction time of estimation