1) Have any data been collected for this study already?
No, no data have been collected for this study yet.

2) What’s the main question being asked or hypothesis being tested in this study?
We expect an interaction between order and adjective inflection in immediate serial recall of word lists comprised of noun-adjective pairs. In particular, recall of lists comprised of three syntactically familiar adjective-noun pairs with congruent adjective inflection should be superior to recall of lists in adjective-noun order with incongruently inflected adjectives and to recall of lists in noun-adjective order.

3) Describe the key dependent variable(s) specifying how they will be measured.
Overall serial recall performance: accuracy of an item recalled in the original position (scoring is case-insensitive and allows spelling errors up to one letter unless the response is then identical to another item in the item pool or any other correct word).

4) How many and which conditions will participants be assigned to?
Mixed design: 2 (order: familiar vs unfamiliar, manipulated within subjects) x 2 (adjective inflection: congruent vs incongruent inflection, manipulated between subjects) x 2 (list version: A vs B, control variable, manipulated between subjects) x 6 (position, within subjects).
Note that besides the original list version A, a second version B was created in which the pairings of version A were reversed in order to control for differences between items (e.g., length, frequency).

5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.
Main analyses will use logistic mixed effects models (with order, adjective inflection and list version as fixed factors; random intercepts and slopes for order by participant; random intercepts and slopes for order * adjective inflection by item). Additionally, we will conduct mixed ANOVAs (with the between subjects variables adjective inflection and list version and the within subject variables order and position) in order to be able to compare our results with the previous findings by Perham, Marsh & Jones (2009).


6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.
Non-native speakers of German will be excluded.

7) How many observations will be collected or what will determine sample size? No need to justify decision, but be precise about exactly how the number will be determined.
70 participants.

8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)
Demographic variables will be recorded to describe the sample. Additionally, order and item errors will be analyzed for exploratory purposes. In addition, we will look at transposition gradients.