**Construct: conscientiousness or some facets of the dimension – good criterion validity 🡪 facets – unidimensional (industriousness, order, self-control)**

**Models for response scale – Buckenhold model; Maydeu-Olivares model; mixture model;**

**Paradigm 1 (binary; agree – disagree)**

Control group – conduct the survey as usual – data will be same as what regular studies will get

Experiment group1: Training on ideal point response process + testing + investigate to see if the training works

Experiment group2: Training on ideal point response process + provide reference for comparisons (e.g., what “average” means) and explanation for frequency (e.g., how often is sometimes, often…) + testing + investigate to see if the training works

Compare data from the 3 groups

**Experiment**

G1: only trained on ideal point response process

G2: ideal point response process + reference for comparison (sometimes, average…)

**Experiment group:**

1. Present a paragraph about ideal point response
2. **Training:**

**F: I sometimes (20%-50% of the time) exceed expectations**

Unless you always (100% of the time) or never (0% of the time) exceed expectations, you should ~~probably~~ agree with this statement.

1. **Testing:**

**F: I sometimes exceed expectations**

Disagree

Agree

1. **Investigating:**

**~~Tell us why if you DISAGREED with the statement above:~~**

**You disagreed with the statement because:**

1. You always exceed expectations
2. You never exceed expectations
3. You actually agree with the statement, but chose “disagree” because you worried that agreeing with the statement would make you look bad
4. Other (indicate below)

**You agreed with the statement because:**

1. The statement described you accurately
2. You chose the answer with uncertainty, because you are not sure how often is “sometimes”
3. You actually disagree with the statement (i.e., you rarely or never exceed expectations), but chose “agree” because you worried that disagreeing with the statement would make you look bad
4. Other (indicate below)

**~~OR~~**

**~~Tell us why you agreed or disagreed with the statement above:~~**

1. ~~Chose disagree because you always exceed expectations~~
2. ~~Chose disagree because you never exceed expectations~~
3. ~~Chose agree because the statement describes you~~
4. ~~You chose an answer almost randomly, because you are not sure how often is “sometimes”.~~
5. ~~You actually agree with the statement, but chose “disagree” because you worried that agreeing with the statement would make you look bad~~
6. ~~Other (indicate below)~~

**Training:**

**A: Compared to the room neatness of the people I know, my room neatness is about average.**

Unless your room neatness is above or below average, you should agree with the statement.

**Testing:**

**A: My room neatness is about average.**

Disagree

Agree

**Investigating:**

**Tell us the reason if you DISAGREED with the statement above:**

1. Your room neatness is below average
2. Your room neatness is above average
3. You actually agree with the statement, but chose “disagree” because you worried that agreeing with the statement would make you look bad
4. You chose an answer almost randomly, because you are not sure who you should compare your room neatness to
5. Other (indicate below)

**OR**

**Tell us why you agreed/disagreed with the statement above:**

1. Chose disagree because your room neatness is below average
2. Chose disagree because your room neatness is above average
3. Chose agree because the statement describes you
4. You chose an answer almost randomly, because you are not sure who you should compare your room neatness to
5. You actually agree with the statement, but chose “disagree” because you worried that agreeing with the statement would make you look bad
6. Other (indicate below)

**Training:**

**C: When my my desk gets too messy, I clean it up** (~~which part of the statement do you not agree with? 1st – I just never let my desk get to messy. But isn’t that because you clean it up often? Yes. Then shouldn’t you agree with the statement? No. Then you mean you are just so organized that your desk doesn’t even have a chance to get messy?~~

~~2nd –~~

Unless (1) you never try to clean it up even when the desk gets too messy, (2) you clean your desk up even when it’s not too messy, or (3) you are so organized that your desk doesn’t even have a chance to get too messy, you should agree with the statement

**Testing:**

**C: When my desk gets too messy, I clean it up**

Disagree

Agree

**Investigating:**

**Tell us the reason if you DISAGREED with the statement above:**

1. You never try to clean your desk up even when it gets too messy
2. You clean your desk up when it’s not too messy
3. You are so organized that your desk doesn’t even have a chance to get too messy
4. You chose an answer almost randomly, because you are not sure how messy is too messy
5. You actually agree with the statement, but chose “disagree” because you worried that agreeing with the statement would make you look bad
6. Other (indicate below)

**OR**

**Tell us why you agreed/disagreed with the statement above:**

1. Disagree because you never try to clean your desk up even when it gets too messy
2. Disagree because you clean your desk up even when it’s not too messy
3. Disagree because you are so organized that your desk doesn’t even have a chance to get too messy
4. Agree because the statement describes you
5. You chose an answer almost randomly, because you are not sure how messy is too messy
6. You actually agree with the statement, but chose “disagree” because you worried that agreeing with the statement would make you look bad
7. Other (indicate below)

**T: I try to keep my room clean and tidy, but I don’t always have time to do so**

Unless (1) you don’t keep room clean and tidy even if you have time to do so or (2) you always set aside time to keep room clean and tidy, you should agree with the statement

**T: I try to keep my room clean and tidy, but I don’t always have time to do so**

Disagree

Agree

**You chose the answer above, because:**

1. You don’t try to keep room clean and tidy even if you have time to do so
2. You always set aside time to keep room clean and tidy
3. You actually agree with the statement, but chose “disagree” because you worried that agreeing with the statement would make you look bad
4. Other (indicate below)

**Control group:**

Untrained 🡪 so that they will response naturally 🡪 this data is what most research will get

**Compare the results of the two**

**Paradigm 2**

No training for anyone; non-experiment

Ask explicitly the reason why they disagreed with intermediate items

Split respondents based on their responses – one group of people who follow an ideal point process, and one group people who don’t

Compare item properties of these groups

To eliminate the potential influence of the “reason” questions have on their consequent response process, present these questions along with their responses to the corresponding items after they have completed the whole test – how to realize this technically?

**Examples:**

\*I do what is required, but rarely anything more.

Strongly disagree

Disagree

Agree

Strongly agree

\*You disagreed with the statement above, because:

a. I do less than what is required

b. I do more than what is required

c. I actually agree with the statement, but I worry this may make me look bad

d. Other: indicate the reason below

\*Setting goals and achieving them is not very important to me

Strongly disagree

Disagree

Agree

Strongly agree

\*You disagreed with the statement above, because:

a. Setting goals and achieving them is not important to me at all

b. Setting goals and achieving them is important to me

c. I actually to agree with the statement above, but I worry this may make me look bad.

d. Other: indicate the reason below

\*Getting average grades is enough for me

Strongly disagree

Disagree

Agree

Strongly agree

\*You disagreed with the statement above, because:

a. Getting lower than average grades is OK for me

b. Getting average grades is not good enough for me

c. I actually to agree with the statement above, but I worry this may make me look bad.

d. Other: indicate the reason below

\* Half of the time I do not put things in their proper place

Strongly disagree

Disagree

Agree

Strongly agree

\*You disagreed with the statement above, because:

a. I do not put things in their proper place more than half of the time

b. I put things in their proper place more than half of the time

c. I actually to agree with the statement above, but I worry this may make me look bad.

d. Other: indicate the reason below

\*I frequently forget to put things back in their proper place

Strongly disagree

Disagree

Agree

Strongly agree

\*You disagreed with the statement above, because:

a. I ~~almost~~ always forget to put things back in their proper place

b. I rarely forge to put things back in their proper place

c. I actually to agree with the statement above, but I worry this may make me look bad.

d. Other: indicate the reason below

\*I believe that people should be allowed to take drugs, as long as it doesn't affect others

Strongly disagree

Disagree

Agree

Strongly agree

\* You disagreed with the statement above, because:

a. The condition does not exist; people taking drugs will always affect others

b. People shouldn’t be allowed to take drugs even if doesn’t affect others.

c. It doesn’t matter if it affects others, people should always be allowed to take drugs.

d. I actually do agree with the statement above, but I worry this may make me look bad.

e. Other: indicate the reason below.

**Untrained:** natural response process; mixture of ideal and dominance? – compare fit

**Trained 1:** ideal point response & reference group differences & confusion about frequency and extend word (e.g., average; often; frequently) – compare fit

**Trained 2:** clear about ideal point response & same reference group & no confusion about frequency and extend word