



Data Collection Worksheet

Please Note: The Data Collection Worksheet (DCW) is a tool to aid integration of a PhenX protocol into a study. The PhenX DCW is not designed to be a data collection instrument. Investigators will need to decide the best way to collect data for the PhenX protocol in their study. Variables captured in the DCW, along with variable names and unique PhenX variable identifiers, are included in the PhenX Data Dictionary (DD) files.

Items are scored on a 4-point scale (1 = *almost never*; 2 = *sometimes*; 3 = *often*; 4 = *always*). R = reverse-scored item.

1. It's very hard for me to concentrate on a difficult task when there are noises around. (R)

1 almost never

2 sometimes

3 often

4 always

2. When I need to concentrate and solve a problem, I have trouble focusing my attention. (R)

1 almost never

2 sometimes

3 often

4 always

3. When I am working hard on something, I still get distracted by events around me. (R)

1 almost never

2 sometimes

3 often

4 always

4. My concentration is good even if there is music in the room around me.

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

5. When concentrating, I can focus my attention so that I become unaware of what's going on in the room around me.

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

6. When I am reading or studying, I am easily distracted if there are people talking in the same room. (R)

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

7. When trying to focus my attention on something, I have difficulty blocking out distracting thoughts. (R)

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

8. I have a hard time concentrating when I'm excited about something. (R)

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

9. When concentrating I ignore feelings of hunger or thirst.

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

10. I can quickly switch from one task to another.

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

11. It takes me a while to get really involved in a new task. (R)

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

12. It is difficult for me to coordinate my attention between the listening and writing required when taking notes during lectures. (R)

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

13. I can become interested in a new topic very quickly when I need to.

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

14. It is easy for me to read or write while I'm also talking on the phone.

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

15. I have trouble carrying on two conversations at once. (R)

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

16. I have a hard time coming up with new ideas quickly. (R)

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

17. After being interrupted or distracted, I can easily shift my attention back to what I was doing before.

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

18. When a distracting thought comes to mind, it is easy for me to shift my attention away from it.

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

19. It is easy for me to alternate between two different tasks.

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

20. It is hard for me to break from one way of thinking about something and look at it from another point of view. (R)

1 [] almost never

2 [] sometimes

3 [] often

4 [] always

Scoring: ACS Full Scale: average of all 20 items.

ACS Focusing Subscale: average of items 1, 2, 3, 6, 7, 8, 12

ACS Shifting Subscale: average of items 10, 13, 17, 18, 19

Higher scores on the ACS Full Scale indicate great attentional control, higher scores on the ACS Focusing Subscale indicate greater attentional focus, and higher scores on the ACS Shifting Subscale indicate greater capacity for attentional shifting.

Protocol source: <https://www.phenxtoolkit.org/protocols/view/711001>