



## 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.

### *Questions about cigarette filter ventilation.*

1. Have you ever seen or heard that one or more rings of small holes are on the filters of some cigarettes?

1  yes

2  no

don't know

2. How do you know about these holes?

Saw them

Read about them in the news or magazine

Someone told me

Saw a television advertisement about them

Saw or heard a news report about them

Other

Don't Know

Refused

3. Did you ever try to block the filter holes on cigarettes?

1  yes

2  no

don't know

4. How did you block the filter holes?

5. At the present time do you block holes when you smoke?

1  yes

2  no

don't know

6. Do you think that blocking filter holes would make a cigarette taste stronger, milder, or have no effect?

a lot stronger

moderately stronger

a little stronger

no effect

a little milder

moderately milder

a lot milder

don't know

7. Do you think that blocking filter holes would increase, decrease, or have no effect on the tar a smoker gets from these cigarettes?

greatly increase

moderately increase

slightly increase

no effect

slightly decrease

moderately decrease

greatly decrease

don't know

8. Do you think that blocking filter holes would increase, decrease, or have no effect on the nicotine a smoker gets from these cigarettes?

greatly increase

moderately increase

- slight increase
- no effect
- slightly decrease
- moderately decrease
- greatly decrease
- don't know

#### Analyses:

Responses to the last three questions were recoded in the following manner: those who responded "no effect," "a little milder," "moderately milder," "a lot milder," or "don't know" to the question regarding the effect of blocking on cigarette taste, for example, were classified as being "unaware." Similarly, those participants who responded "no effect," "slightly decrease," "moderately decrease," "greatly decrease," or "don't know" to the questions regarding the effect of blocking on tar and nicotine yields were also classified as being "unaware."

Response percentages were calculated within each brand category, with 95% confidence intervals (CIs). Between-group tests were done using analyses of variance with Bonferroni adjustments for comparisons or with  $X^2$  analyses.<sup>30</sup> Within-group comparisons were done with paired  $t$  tests. Multiple regression analyses (ordinary least squares, linear probability model) were used to explore predictors of knowledge of vents (scored 1 = yes, 2 = no, don't know) and knowledge that blocking increased tar intake (scored 1 = increase tar, 2 = no effect, decrease tar, don't know). Brand category was included in the regression analyses to adjust for group membership effects. All probability values are for two-sided tests.

<sup>30</sup> Snedecor, G. W., & Cochran, W. G. (1980). *Statistical methods* (7th ed.). Ames, IA: Iowa State University Press.

Protocol source: <https://www.phenxtoolkit.org/protocols/view/730801>