



## 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.

To determine what class the subject falls under, the following should be considered:

### Class I

Relative position of the dental arches, mesio-distally, normal, with malocclusions usually confined to the anterior teeth. First molars usually in normal occlusion, although one or more may be in lingual or buccal occlusion. Cases belonging to this class far exceed in number those of all other classes combined.

### Class II

Retrusion of the lower jaw, with distal occlusion of the lower teeth.

#### Division I

- a. Narrow upper arch, with lengthened and prominent upper incisors; lack of nasal and lip function. Mouth-breathers.
- b. Same as a., but with only one lateral half of the arch involved, the other being normal. Mouth-breathers.

#### Division II

- a. Slight narrowing of the upper arch; bunching of the upper incisors, with overlapping and lingual inclinations; normal lip and nasal function.
- b. Same as a., but with only one lateral half of the arch involved, the other being normal; normal lip and mouth function.

### Class III

- a. Protrusion of the lower jaw, with mesial occlusion of the lower teeth; lower incisors and cuspids inclined lingually.

b. Same as a., but with only one lateral half of the arch involved, the other being normal.

Examiner visually assesses and determines whether the subject has Class I (orthognathic), II (convex), or III (concave) malocclusion. Conclusions are recorded on a standardized examination form.

[img[malocclusion\_image001.jpg|Coronal Caries]]

1. Have you ever had any orthodontic treatment?

0  No

1  Yes (Go to question 2)

2. How long did you wear fixed braces on your teeth?

0  Not Applicable

1  1 year or less

2  1-2 years

3  >2 years

Protocol source: <https://www.phenxtoolkit.org/protocols/view/80701>