



## 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.

### Summary of the Cohesion, Expressiveness, and Conflict Subscales from the Family Environment Scale

The Family Interpersonal Relationships measure contains three subscales: Cohesion (nine questions), Expressiveness (nine questions), and Conflict (nine questions).

These three subscales tap the degree of commitment and support family members provide for one another, the extent to which family members are encouraged to express their feelings directly, and the amount of openly expressed anger and conflict among family members.

The test booklets feature three types of forms. The Real Form items ask the respondent to describe his or her current family as he or she perceives it. Real Form items can also be used to describe a respondent's past family environment (i.e., childhood environment).

The Ideal Form and Expectations Form allow people to describe the type of family they prefer or their expectations of what a family will be like. The Ideal Form and Expectations Form are typically used in therapeutic settings and are not generally considered for research purposes.

### Scoring Instructions

Each true/false item is assigned a value of 0 or 1, based on the scoring key. Items are then combined within the three subscales (Cohesion, Expressiveness, and Conflict). To combine these subscales into a single Family Interpersonal Relationships Scale score, the Conflict subscale must first be reverse coded, and then the subscales can be summed or averaged. Higher scores reflect more-positive Family Interpersonal Relationships.

The Social Environments Working Group recommends the use of the raw scores from the Real Form (or their standardized counterparts) that can be further averaged across family members for an overall measure of global family environment. The Family Environments Scale Manual contains directions for

creating Family Incongruence scores, based on differences in scores across family members, but these scores are primarily utilized in therapeutic settings and generally are not validated for research.

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Protocol source: <https://www.phenxtoolkit.org/protocols/view/210601>