

Create and Score PROMIS and Neuro-QoL custom short forms using REDCap and the HealthMeasures Scoring Service

Users of PROMIS and Neuro-QoL may utilize REDCap to create and administer a custom short form instrument and then utilize the Scoring Service to calculate scores accurately.

REDCAP (STEP 1): CREATE AND ADMINISTER CUSTOM SHORT FORM IN REDCAP

Users may create a custom short form via the features of the Online Designer (learn more in the Online Designer [video tutorial](#), or read the [PDF of the video text](#)). When in the Online Designer in REDCap, locate the “Design your data collection instruments & enable your surveys” section under the Project Set Up tab, and select the “Create” button.

When creating a custom PROMIS or Neuro-QoL short form in REDCap users should cut and paste items from the item bank PDF to ensure the content is accurate. Items should be identical including time frame (e.g., “In the past 7 days”), question text, and response choices. It is very important to use the PROMIS or Neuro-QoL variable name in REDCap (e.g. EDANX01). This will allow Scoring Service to identify and score the items correctly. You can access PDF copies of PROMIS and Neuro-QoL measures in the [HealthMeasures Search & View Measures tool](#).

After a custom PROMIS or Neuro-QoL short form has been created, users may collect data and export data directly from REDCap.

SCORING SERVICE (STEP 2): SCORE CUSTOM SHORT FORM IN SCORING SERVICE

Data exported from REDCap must first be entered into a format readable by the Scoring Service. The easiest way to do this is to download the Input Template from the Scoring Service [homepage](#) and populate it with data from the exported REDCap data file.

It is essential that the format, specific column headers and file type of the Input file (.csv) must not be modified. It is recommended that the file is downloaded, the template content deleted and then populated (i.e. cut/paste) with data from the REDCap export.

In order for the Scoring Service to work, the item IDs in the Input file must match what is used in the measure PDF.

Users should then log into the Scoring Service, select the PROMIS or Neuro-QoL item bank from which the items within the custom instrument originated, the applicable calibration sample (usually the one marked “default”), and upload the input file. The Scoring Service will reference these elements and produce scores which are sent via email. Watch the Scoring Service tutorials for more instructions.