



## **PROMIS ADULT VERSION 1.0 SHORT FORMS: INTRODUCTION**

There are two types of PROMIS short forms: the version 1.0 short forms that were initially developed in 2007 and 2008, and the profile short forms that were created in 2008 for PROMIS profile assessments. Version 1.0 short forms were the first instruments developed from PROMIS item banks. Careful attention was paid to item content and the ability of the short form to measure the full range of the concept or 'domain' measured by the item bank. Domain experts independently reviewed short forms to give input on the relevance of each item. Psychometric properties and clinical input were considered together. With the exception of one physical function short form, which is 20 items in length, the version 1.0 short forms range in length from six to 10 items.

By contrast, the profile short forms are 'high information' short forms focusing on seven primary PROMIS domains (anxiety, depression, sleep disturbance, fatigue, pain interference, physical function, and satisfaction with participation in social roles). For each domain, there are three profile short forms, which are four, six, and eight items in length. The items for each of the forms are overlapping (e.g., the eight-item form is the six-item form plus two additional items). These short forms are so named because when a short form of the same length from each of the seven primary domains is administered together, this offers a 'profile' of seven scores. There are three PROMIS profile instruments: the PROMIS-29 profile instrument contains 29 items, including four items from each primary domain plus a single pain intensity rating; the PROMIS-43 profile instrument includes six items from each primary domain plus the pain intensity item; and the PROMIS-57 profile instrument includes eight items from each primary domain plus the pain intensity item.

When selecting a short form, the main difference is instrument length. Reliability and precision of short forms within a domain are highly similar. If you are working with a sample in which you expect large variability in a domain and you want to include the full range of item content from that domain, you would probably prefer a version 1.0 short form. If you are working with a sample in which you want the most precise measure, the eight-item profile short form would be your best bet. On the other hand, if you are hoping to capture secondary outcomes data, but have little room for additional measures, you would probably prefer the four-item profile short form.