

Scoring the PROMIS-29+2

Files included/referred to:

- PROM-29+2guide.docx (this document)

Supporting documentation:

- PROMIS_29plus2_Profile_v2.1_PROPr_3-11-2019.docx.pdf
- PROMIS_Adult_Profile_Scoring_Manual.pdf
- UserManual (Assessment Center User Manual, 4/27/2020)
- Scoring Service Input Template.csv

SAS code/data/output:

- export29+2.sas, log, pdf: reads your data and outputs prom29plus2.csv for scoring in AC and prom29plus2.sas7bdat (for further processing)
- prom29plus2ex.csv, prom29plusex_log.csv (files the Assessment Scoring service generates)
- score29.sas,log, pdf: SAS code to restructure output from scoring service; incorporate PROPr code; merge in GLOBAL07 and create PH29 and MH29 summary scores)
- Generic MAUT code 2017_09_01.sas (PROPr code from Janel Hanmer: incorporated into score29.sas).
<https://github.com/janelhanmer/PROPr#readme>

1) Go to HealthMeasures website and search for PROMIS-29 instrument

<https://www.healthmeasures.net/search-view-measures>

Search & View Measures

Search Parameters

Search Results

Previous Searches

Age

Category

Domain

Measure Type

Measurement System

Data Collection Tools

Language

or

Measure Name



SEARCH

✕ CLEAR

Search & View Measures

[Search Parameters](#)

Search Results

[Previous Searches](#)

Returned 1 matching items for Language = English, Measure Name = PROMIS-29+2

✕ Reset

| Name ↓½ | Domain | Measurement System | Measure Type | Language |
|----------------------------------|-----------------------------------|--------------------|-----------------|----------|
| PROMIS-29+2 Profile v2.1 (PROPr) | Other (e.g., Global and Multiple) | PROMIS | Battery/Profile | English |



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- 2) Download: PROMIS_Adult_Profile_Scoring_Manual.pdf and survey PROMIS_29plus2_Profile_v2.1_PROPr_3-11-2019.docx.pdf (first of 3 pages included here):

PROMIS® 29+2 Profile v2.1 (PROPr)

Please respond to each question or statement by marking one box per row.

| <u>Physical Function</u> | | Without any difficulty | With a little difficulty | With some difficulty | With much difficulty | Unable to do |
|----------------------------------|--|---------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------|
| PFA11 | Are you able to do chores such as vacuuming or yard work? | <input type="checkbox"/> 5 | <input type="checkbox"/> 4 | <input type="checkbox"/> 3 | <input type="checkbox"/> 2 | <input type="checkbox"/> 1 |
| PFA21 | Are you able to go up and down stairs at a normal pace? | <input type="checkbox"/> 5 | <input type="checkbox"/> 4 | <input type="checkbox"/> 3 | <input type="checkbox"/> 2 | <input type="checkbox"/> 1 |
| PFA23 | Are you able to go for a walk of at least 15 minutes? | <input type="checkbox"/> 5 | <input type="checkbox"/> 4 | <input type="checkbox"/> 3 | <input type="checkbox"/> 2 | <input type="checkbox"/> 1 |
| PFA53 | Are you able to run errands and shop? | <input type="checkbox"/> 5 | <input type="checkbox"/> 4 | <input type="checkbox"/> 3 | <input type="checkbox"/> 2 | <input type="checkbox"/> 1 |
| <u>Anxiety</u> | | | | | | |
| In the past 7 days... | | Never | Rarely | Sometimes | Often | Always |
| EDANX01 | I felt fearful | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| EDANX40 | I found it hard to focus on anything other than my anxiety | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| EDANX41 | My worries overwhelmed me | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| EDANX53 | I felt uneasy | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| <u>Depression</u> | | | | | | |
| In the past 7 days... | | Never | Rarely | Sometimes | Often | Always |
| EDDEP04 | I felt worthless | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| EDDEP06 | I felt helpless | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| EDDEP29 | I felt depressed | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| EDDEP41 | I felt hopeless | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| <u>Fatigue</u> | | | | | | |
| During the past 7 days... | | Not at all | A little bit | Somewhat | Quite a bit | Very much |
| HI7 | I feel fatigued | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| AN3 | I have trouble <u>starting</u> things because I am tired | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |

02 January 2020

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Page 1 of 3

- 3) Double-check the coding of your data against the PROMIS-29 Profile survey (PFA11=1 represents “unable to do”, 5 represents “without any difficulty”, etc.).

- 4) Output your data to a CSV file for processing in Assessment Center: (export29+2.sas contains code to do that for our example). It produces prom29plus2.csv:

PIN,Assmnt,pfa11,pfa21,pfa23,pfa53,edanx01,edanx40,edanx41,edanx53,eddep04,eddep06,eddep29,eddep41,hi
7,an3,fatexp41,fatexp40,sleep109,sleep116,sleep20,sleep44,srpper11_caps,srpper18_caps,srpper23_caps,srpper
46_caps,painin9,painin22,painin31,painin34,pc6r,pc27r,global07
1,1,5,5,5,5,1,2,1,2,1,1,1,1,3,2,2,2,2,2,1,1,5,5,5,5,1,1,1,1,4,5,0
2,1,5,5,5,5,2,3,3,3,2,1,2,1,5,4,5,5,4,4,3,2,3,3,1,3,1,1,1,1,2,4,1
3,1,5,5,5,5,1,1,1,2,1,1,1,2,2,2,2,2,3,1,1,3,5,3,3,1,1,1,1,4,5,0
4,1,5,5,5,5,1,1,3,2,1,2,2,1,2,2,1,2,2,1,2,2,5,5,5,5,1,1,1,1,5,5,1
5,1,5,5,5,5,3,3,5,5,1,1,1,1,5,5,5,5,1,1,5,5,5,5,3,5,1,1,1,1, , 0
6,1,5,5,5,5,4,4,3,5,3,3,3,2,4,4,3,3,2,2,2,2,3,3,2,4,2,1,1,1,2,4,4
7,1,5,5,5,5,3,3,3,2,2,1,2,2,2,2,2,2, , 2,2,2,4,4,3,5,2,1,1,1, , 3
8,1,5,5,5,5,2,3,2,3,1,2,3,3,4,3,4,3,3,2,2,2,4,3,4,4,1,1,1,1,4,5,2
9,1,5,5,5,5,2,2,3,2,3,1,3,1,3,3,4,3,2,2,1,1,4,4,3,3,1,1,1,1,3,4,2
10,1,5,5,5,5,1,1,1,2,1,2,3,2,3,3,3,3,3,3,2,2,2,1,3,2,1,1,1,1,3,5,0
11,1,5,5,5,5,2,2,2,2,1,1,1,1,1,2,2,1,1,1,1,1,5,5,5,5,1,1,1,1,4,5,0
12,1,5,5,5,5,1,2,1,2,1,1,1,1,1,2,1,2,2,2,4,3,4,4,4,4,2,1,1,2, , 0

- 5) Go to Assessment Center https://www.assessmentcenter.net/ac_scoringervice and register if you have not done so already.



[User Manual](#)

[Input Template](#)

HealthMeasures Scoring Service powered by Assessment CenterSM

An application to score PROMIS®, NIH Toolbox®, and Neuro-QoL™ instruments.

Scoring Service Login*

Enter Login

*If this is your first time using the Scoring Service, please register.

Log in

[Forgot Login](#)

[Register New User](#)

- 6) Once registered, login to Scoring Service and search for PROMIS-29 (existing short form or profile / PROMIS / Adult /PROMIS-29). That search provided 4 options (below) and we then select PROMIS-29+2 Profile v2.1 (PROPr)

HealthMeasures Scoring Service: Upload

What type of short form instrument will you be scoring during this upload?

Existing Short Form or Profile Custom Short Form

To search, make a selection from drop lists or enter keyword.

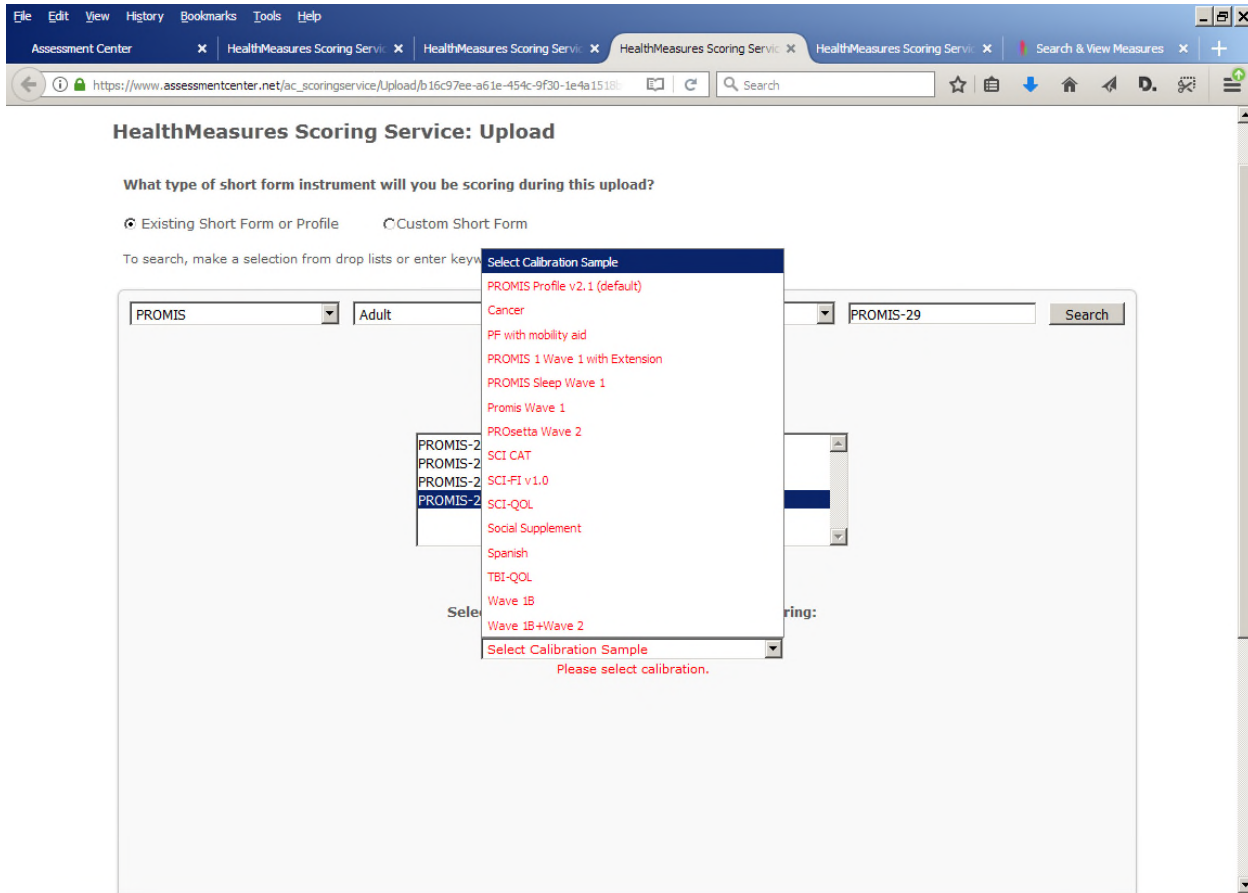
PROMIS Adult Select Domain PROMIS-29 Search

Select your Short Form

- PROMIS-29 Profile v1.0
- PROMIS-29 Profile v2.0
- PROMIS-29 Profile v2.1
- PROMIS-29+2 Profile v2.1 (PROPr)**

Score

- 7) It then asks you which Calibration Sample you would like to use. We used the default (PROMIS Profile v2.1) and then went on to fill in the other details (our email address, filename to upload) and then clicked on "Upload Data."



..upload

HealthMeasures Scoring Service: Upload

What type of short form instrument will you be scoring during this upload?

Existing Short Form or Profile Custom Short Form

To search, make a selection from drop lists or enter keyword.

PROMISAdultSelect DomainPROMIS-29Search

Select your Short Form

PROMIS-29 Profile v1.0
PROMIS-29 Profile v2.0
PROMIS-29 Profile v2.1
PROMIS-29+2 Profile v2.1 (PROP)

Select calibration sample to be used during scoring:

PROMIS Profile v2.1 (default)

What instrument name (label) should be used in the data output?

prom29plus2ex

Provide an email address to which your scored data export should be sent*:

myemail@email.edu

Re-enter Email:

myemail@email.edu

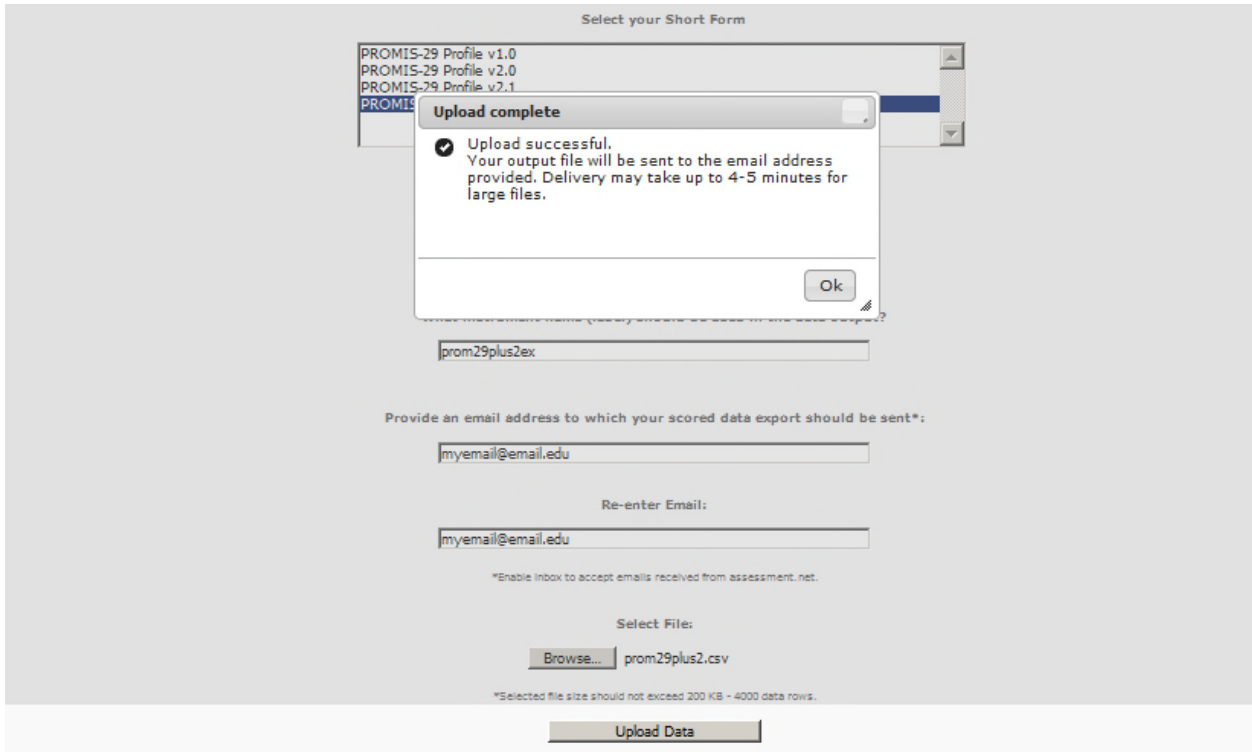
*Enable Inbox to accept emails received from assessment.net.

Select File:

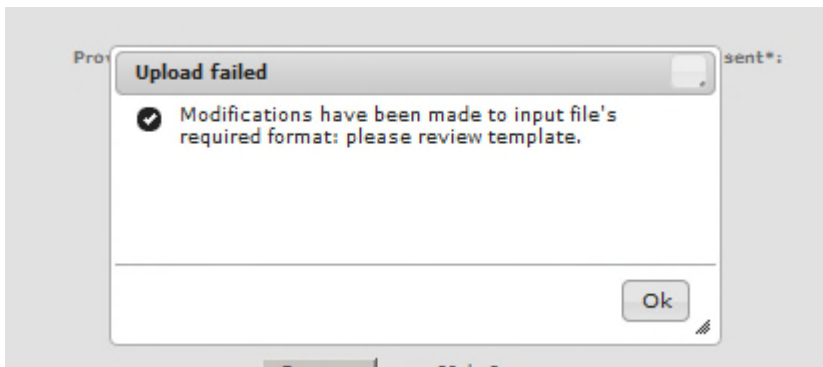
prom29plus2.csv

*Selected file size should not exceed 200 KB - 4000 data rows.

8) Upload successful!



If there was a problem with your input you might get a message such as:



This can happen if you used .'s instead of blank/SKIP for missing data, etc..

9) If all goes well then promis29plus2ex.csv and promis29plus2ex_log.csv are emailed to us.

A partial print of results in promis29plus2ex.csv is shown here:

Report Generated: 2/14/2021 1:32:53 PM
 Original Instrument: PROMIS-29+2 Profile v2.1 (PROPr)
 Calibration Sample: PROMIS Profile v2.1

| PIN | Assmnt | Inst | RawScore | Theta | TScore | SE | ScrdCnt | ItmCnt |
|-----|--------|---|----------|-------|--------|-----|---------|--------|
| 1 | 1 | prom29plus2ex - Pain Interference | 4 | -0.84 | 41.6 | 6.1 | 4 | 31 |
| 1 | 1 | prom29plus2ex - Cognitive Function | 9 | 0.52 | 55.2 | 5.9 | 2 | 31 |
| 1 | 1 | prom29plus2ex - Depression/Sadness | 4 | -0.9 | 41 | 6.2 | 4 | 31 |
| 1 | 1 | prom29plus2ex - Ability to Participate in Social Roles/ | 20 | 1.42 | 64.2 | 5.1 | 4 | 31 |
| 1 | 1 | prom29plus2ex - Anxiety/Fear | 6 | 0.17 | 51.7 | 2.8 | 4 | 31 |
| 1 | 1 | prom29plus2ex - Fatigue | 9 | 0.1 | 51 | 2.4 | 4 | 31 |
| 1 | 1 | prom29plus2ex - Physical Function | 20 | 0.7 | 57 | 6.6 | 4 | 31 |
| 1 | 1 | prom29plus2ex - Sleep Disturbance | 6 | -0.88 | 41.2 | 3.5 | 4 | 31 |
| 2 | 1 | prom29plus2ex - Pain Interference | 4 | -0.84 | 41.6 | 6.1 | 4 | 31 |
| 2 | 1 | prom29plus2ex - Cognitive Function | 6 | -0.5 | 45 | 5.6 | 2 | 31 |
| 2 | 1 | prom29plus2ex - Depression/Sadness | 6 | 0.21 | 52.1 | 2.5 | 4 | 31 |

You should still verify the log prom29plus2ex_log.csv to make sure each item was used as expected (partial print):

| List of iter | Item in selected short form or parent bank? | Item used to calculate score? |
|--------------|---|-------------------------------|
| pfa11 | Yes | Yes |
| pfa21 | Yes | Yes |
| pfa23 | Yes | Yes |
| pfa53 | Yes | Yes |
| edanx01 | Yes | Yes |
| edanx40 | Yes | Yes |
| edanx41 | Yes | Yes |
| edanx53 | Yes | Yes |
| eddep04 | Yes | Yes |
| eddep06 | Yes | Yes |
| eddep29 | Yes | Yes |
| eddep41 | Yes | Yes |

10) We restructure promis29plus2ex.csv to have one observation per PIN/assessment (using code in score29.sas) and incorporate code from Generic MAUT code 2017_09_01.sas to create the PROPr score as well as the PROMIS-29 v.2.0 Physical and Mental Health summary scoresPH29 and MH29 (Hays, et. al.).

| | pain | depression | physical | social | fatigue | sleep | cognition | theta_pain | theta_dep | theta_phys | theta_sr | theta_fat | theta_slp | theta_cog | PROPr |
|----|------|------------|----------|--------|---------|-------|-----------|------------|-----------|------------|----------|-----------|-----------|-----------|-------|
| 1 | 41.6 | 41.0 | 57 | 64.2 | 51.0 | 51.7 | 41.2 | 55.2 | -0.84 | -0.90 | 0.7 | 1.42 | 0.10 | -0.88 | 0.52 |
| 2 | 41.6 | 52.1 | 57 | 41.8 | 71.5 | 61.6 | 57.4 | 45.0 | -0.84 | 0.21 | 0.7 | -0.82 | 2.15 | 0.74 | -0.50 |
| 3 | 41.6 | 49.3 | 57 | 47.0 | 48.6 | 47.9 | 43.5 | 55.2 | -0.84 | -0.07 | 0.7 | -0.30 | -0.14 | -0.65 | 0.52 |
| 4 | 41.6 | 52.0 | 57 | 64.2 | 46.1 | 52.5 | 44.9 | 61.2 | -0.84 | 0.20 | 0.7 | 1.42 | -0.39 | -0.51 | 1.12 |
| 5 | 41.6 | 41.0 | 57 | 57.6 | 75.8 | 71.0 | 48.3 | . | -0.84 | -0.90 | 0.7 | 0.76 | 2.58 | -0.17 | . |
| 6 | 50.2 | 60.5 | 57 | 44.4 | 60.7 | 71.6 | 46.4 | 45.0 | 0.02 | 1.05 | 0.7 | -0.56 | 1.07 | -0.36 | -0.50 |
| 7 | 50.2 | 54.3 | 57 | 51.9 | 48.6 | 61.8 | 47.2 | . | 0.02 | 0.43 | 0.7 | 0.19 | -0.14 | -0.28 | . |
| 8 | 41.6 | 57.4 | 57 | 50.1 | 60.8 | 59.7 | 49.4 | 55.2 | -0.84 | 0.74 | 0.7 | 0.01 | 1.08 | -0.06 | 0.52 |
| 9 | 41.6 | 55.6 | 57 | 48.3 | 58.7 | 57.5 | 41.2 | 47.2 | -0.84 | 0.56 | 0.7 | -0.17 | 0.87 | -0.88 | -0.28 |
| 10 | 41.6 | 56.1 | 57 | 37.1 | 57.1 | 47.9 | 51.1 | 52.0 | -0.84 | 0.61 | 0.7 | -1.29 | 0.71 | 0.11 | 0.20 |
| 11 | 41.6 | 41.0 | 57 | 64.2 | 43.4 | 56.0 | 32.0 | 55.2 | -0.84 | -0.90 | 0.7 | 1.42 | -0.66 | -1.80 | 0.52 |
| 12 | 52.2 | 41.0 | 57 | 51.8 | 43.3 | 51.7 | 50.9 | . | 0.22 | -0.90 | 0.7 | 0.18 | -0.67 | 0.09 | . |

PROPr
The MEANS Procedure

| Variable | N | Mean | Std Dev | Minimum | Maximum |
|--------------------|----|-------|---------|---------|---------|
| theta_pain | 12 | -0.61 | 0.42 | -0.84 | 0.22 |
| theta_dep | 12 | 0.01 | 0.73 | -0.90 | 1.05 |
| theta_phys | 12 | 0.70 | 0.00 | 0.70 | 0.70 |
| theta_sr | 12 | 0.19 | 0.91 | -1.29 | 1.42 |
| theta_fat | 12 | 0.55 | 1.06 | -0.67 | 2.58 |
| theta_slp | 12 | -0.39 | 0.64 | -1.80 | 0.74 |
| theta_cog | 9 | 0.24 | 0.55 | -0.50 | 1.12 |
| pain_utility | 12 | 0.98 | 0.04 | 0.90 | 1.00 |
| depression_utility | 12 | 0.86 | 0.10 | 0.68 | 0.97 |
| physical_utility | 12 | 0.96 | 0.00 | 0.96 | 0.96 |
| social_utility | 12 | 0.84 | 0.13 | 0.61 | 1.00 |
| fatigue_utility | 12 | 0.69 | 0.26 | 0.00 | 0.89 |
| sleep_utility | 12 | 0.88 | 0.08 | 0.65 | 1.00 |
| cognition_utility | 12 | 0.64 | 0.39 | 0.00 | 1.00 |
| PROPr | 12 | 0.46 | 0.23 | 0.09 | 0.81 |

Score29

The MEANS Procedure

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
|------------|--|----|-------|---------|---------|---------|
| ph29_t | PROMIS29 v2.0 PH summary (T) | 12 | 56.80 | 1.21 | 55.07 | 58.59 |
| mh29_t | PROMIS29 v2.0 MH summary (T) | 12 | 48.87 | 6.92 | 38.57 | 60.08 |
| phy4a_t | Physical Function (T) | 12 | 57.00 | 0.00 | 57.00 | 57.00 |
| painav_t | pain composite (T) | 12 | 44.34 | 4.36 | 40.86 | 53.71 |
| social4a_t | Ability to Part in Soc Roles/Activ (T) | 12 | 51.88 | 9.06 | 37.10 | 64.20 |
| fatig4a_t | Fatigue (T) | 12 | 55.47 | 10.60 | 43.30 | 75.80 |
| slpd4a_t | Sleep Disturbance (T) | 12 | 46.13 | 6.38 | 32.00 | 57.40 |
| emot_t | anxiety/dep composite (T) | 12 | 53.84 | 5.91 | 46.35 | 66.05 |
| anx4a_t | Anxiety/Fear (T) | 12 | 57.58 | 7.98 | 47.90 | 71.60 |
| dep4a_t | Depression/Sadness (T) | 12 | 50.11 | 7.29 | 41.00 | 60.50 |
| pain4a_t | Pain Interference (T) | 12 | 43.92 | 4.22 | 41.60 | 52.20 |
| painl_t | Pain intensity (T) | 12 | 44.76 | 5.89 | 40.13 | 57.22 |

Score29 at assessment 1 - correlations

The CORR Procedure

13 Variables: ph29_t mh29_t phy4a_t painav_t social4a_t fatig4a_t slpd4a_t
 emot_t anx4a_t dep4a_t pain4a_t painl_t PROPr

Simple Statistics

| Variable | N | Mean | Std Dev | Sum | Minimum | Maximum |
|------------|----|----------|----------|-----------|----------|----------|
| ph29_t | 12 | 56.80369 | 1.21417 | 681.64428 | 55.06701 | 58.58627 |
| mh29_t | 12 | 48.87418 | 6.92035 | 586.49016 | 38.57092 | 60.08443 |
| phy4a_t | 12 | 57.00000 | 0 | 684.00000 | 57.00000 | 57.00000 |
| painav_t | 12 | 44.33725 | 4.35628 | 532.04701 | 40.86410 | 53.71111 |
| social4a_t | 12 | 51.88333 | 9.06480 | 622.60000 | 37.10000 | 64.20000 |
| fatig4a_t | 12 | 55.46667 | 10.59625 | 665.60000 | 43.30000 | 75.80000 |
| slpd4a_t | 12 | 46.12500 | 6.38024 | 553.50000 | 32.00000 | 57.40000 |
| emot_t | 12 | 53.84167 | 5.90954 | 646.10000 | 46.35000 | 66.05000 |
| anx4a_t | 12 | 57.57500 | 7.97714 | 690.90000 | 47.90000 | 71.60000 |
| dep4a_t | 12 | 50.10833 | 7.29152 | 601.30000 | 41.00000 | 60.50000 |
| pain4a_t | 12 | 43.91667 | 4.21983 | 527.00000 | 41.60000 | 52.20000 |
| painl_t | 12 | 44.75783 | 5.89297 | 537.09402 | 40.12821 | 57.22222 |
| PROPr | 12 | 0.45617 | 0.23345 | 5.47400 | 0.09100 | 0.80900 |

Simple Statistics

| Variable | Label |
|------------|--|
| ph29_t | PROMIS29 v2.0 PH summary (T) |
| mh29_t | PROMIS29 v2.0 MH summary (T) |
| phy4a_t | Physical Function (T) |
| painav_t | pain composite (T) |
| social4a_t | Ability to Part in Soc Roles/Activ (T) |
| fatig4a_t | Fatigue (T) |
| slpd4a_t | Sleep Disturbance (T) |
| emot_t | anxiety/dep composite (T) |
| anx4a_t | Anxiety/Fear (T) |
| dep4a_t | Depression/Sadness (T) |
| pain4a_t | Pain Interference (T) |
| painl_t | Pain intensity (T) |
| PROPr | PROPr (MAUT J Hanmer, Sept 2017) |

Score29 at assessment 1 - correlations

The CORR Procedure

Pearson Correlation Coefficients, N = 12
 Prob > |r| under H0: Rho=0

| | ph29_t | mh29_t | phy4a_t | painav_t | social4a_t |
|--|----------|----------|---------|----------|------------|
| ph29_t PROMIS29 v2.0 PH summary (T) | 1.00000 | 0.78800 | . | -0.54464 | 0.95052 |
| | | 0.0023 | . | 0.0671 | <.0001 |
| mh29_t PROMIS29 v2.0 MH summary (T) | 0.78800 | 1.00000 | . | -0.33847 | 0.74120 |
| | 0.0023 | | . | 0.2819 | 0.0058 |
| phy4a_t Physical Function (T) | . | . | . | . | . |
| painav_t pain composite (T) | -0.54464 | -0.33847 | . | 1.00000 | -0.26374 |
| | 0.0671 | 0.2819 | . | | 0.4075 |
| social4a_t Ability to Part in Soc Roles/Activ (T) | 0.95052 | 0.74120 | . | -0.26374 | 1.00000 |
| | <.0001 | 0.0058 | . | 0.4075 | |
| fatig4a_t Fatigue (T) | -0.38221 | -0.85754 | . | -0.03927 | -0.39221 |
| | 0.2202 | 0.0004 | . | 0.9036 | 0.2073 |
| sldp4a_t Sleep Disturbance (T) | -0.62027 | -0.70766 | . | 0.17916 | -0.63241 |
| | 0.0314 | 0.0100 | . | 0.5774 | 0.0273 |
| emot_t anxiety/dep composite (T) | -0.62220 | -0.77901 | . | 0.69542 | -0.42699 |
| | 0.0307 | 0.0028 | . | 0.0120 | 0.1662 |
| anx4a_t Anxiety/Fear (T) | -0.25299 | -0.61407 | . | 0.52533 | -0.04494 |
| | 0.4276 | 0.0337 | . | 0.0794 | 0.8897 |
| dep4a_t Depression/Sadness (T) | -0.73178 | -0.59091 | . | 0.55251 | -0.64296 |
| | 0.0068 | 0.0430 | . | 0.0625 | 0.0241 |
| pain4a_t Pain Interference (T) | -0.37274 | -0.04892 | . | 0.80223 | -0.15471 |
| | 0.2327 | 0.8800 | . | 0.0017 | 0.6312 |
| pain1_t Pain intensity (T) | -0.53832 | -0.46539 | . | 0.90401 | -0.27915 |
| | 0.0710 | 0.1273 | . | <.0001 | 0.3796 |
| PROPr PROPr (MAUT J Hanmer, Sept 2017) | 0.57720 | 0.69555 | . | -0.40085 | 0.48710 |
| | 0.0494 | 0.0120 | . | 0.1966 | 0.1082 |

Score29 at assessment 1 - correlations

The CORR Procedure

Pearson Correlation Coefficients, N = 12
 Prob > |r| under H0: Rho=0

| | fatig4a_t | slpd4a_t | emot_t | anx4a_t | dep4a_t |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| ph29_t PROMIS29 v2.0 PH summary (T) | -0.38221 0.2202 | -0.62027 0.0314 | -0.62220 0.0307 | -0.25299 0.4276 | -0.73178 0.0068 |
| mh29_t PROMIS29 v2.0 MH summary (T) | -0.85754 0.0004 | -0.70766 0.0100 | -0.77901 0.0028 | -0.61407 0.0337 | -0.59091 0.0430 |
| phy4a_t Physical Function (T) | . | . | . | . | . |
| painav_t pain composite (T) | -0.03927 0.9036 | 0.17916 0.5774 | 0.69542 0.0120 | 0.52533 0.0794 | 0.55251 0.0625 |
| social4a_t Ability to Part in Soc Roles/Activ (T) | -0.39221 0.2073 | -0.63241 0.0273 | -0.42699 0.1662 | -0.04494 0.8897 | -0.64296 0.0241 |
| fatig4a_t Fatigue (T) | 1.00000 | 0.52788 0.0777 | 0.57772 0.0492 | 0.65377 0.0211 | 0.22121 0.4896 |
| slpd4a_t Sleep Disturbance (T) | 0.52788 0.0777 | 1.00000 | 0.31754 0.3145 | 0.17311 0.5906 | 0.32532 0.3022 |
| emot_t anxiety/dep composite (T) | 0.57772 0.0492 | 0.31754 0.3145 | 1.00000 | 0.79633 0.0019 | 0.74973 0.0050 |
| anx4a_t Anxiety/Fear (T) | 0.65377 0.0211 | 0.17311 0.5906 | 0.79633 0.0019 | 1.00000 | 0.19676 0.5399 |
| dep4a_t Depression/Sadness (T) | 0.22121 0.4896 | 0.32532 0.3022 | 0.74973 0.0050 | 0.19676 0.5399 | 1.00000 |
| pain4a_t Pain Interference (T) | -0.29076 0.3592 | 0.21011 0.5122 | 0.22519 0.4816 | 0.25568 0.4225 | 0.08529 0.7921 |
| pain1_t Pain intensity (T) | 0.15015 0.6414 | 0.11444 0.7232 | 0.86690 0.0003 | 0.59359 0.0419 | 0.75579 0.0045 |
| PROPr PROPr (MAUT J Hanmer, Sept 2017) | -0.57270 0.0516 | -0.70595 0.0103 | -0.44492 0.1472 | -0.56130 0.0576 | -0.10711 0.7404 |

Score29 at assessment 1 - correlations

The CORR Procedure

Pearson Correlation Coefficients, N = 12
 Prob > |r| under H0: Rho=0

| | pain4a_t | pain1_t | PROPr |
|--|--------------------|--------------------|--------------------|
| ph29_t PROMIS29 v2.0 PH summary (T) | -0.37274 0.2327 | -0.53832 0.0710 | 0.57720 0.0494 |
| mh29_t PROMIS29 v2.0 MH summary (T) | -0.04892 0.8800 | -0.46539 0.1273 | 0.69555 0.0120 |
| phy4a_t Physical Function (T) | . | . | . |
| painav_t pain composite (T) | 0.80223 0.0017 | 0.90401 <.0001 | -0.40085 0.1966 |
| social4a_t Ability to Part in Soc Roles/Activ (T) | -0.15471 0.6312 | -0.27915 0.3796 | 0.48710 0.1082 |
| fatig4a_t Fatigue (T) | -0.29076 0.3592 | 0.15015 0.6414 | -0.57270 0.0516 |
| sldp4a_t Sleep Disturbance (T) | 0.21011 0.5122 | 0.11444 0.7232 | -0.70595 0.0103 |
| emot_t anxiety/dep composite (T) | 0.22519 0.4816 | 0.86690 0.0003 | -0.44492 0.1472 |
| anx4a_t Anxiety/Fear (T) | 0.25568 0.4225 | 0.59359 0.0419 | -0.56130 0.0576 |
| dep4a_t Depression/Sadness (T) | 0.08529 0.7921 | 0.75579 0.0045 | -0.10711 0.7404 |
| pain4a_t Pain Interference (T) | 1.00000 | 0.46999 0.1231 | -0.48644 0.1088 |
| pain1_t Pain intensity (T) | 0.46999 0.1231 | 1.00000 | -0.24432 0.4441 |
| PROPr PROPr (MAUT J Hanmer, Sept 2017) | -0.48644 0.1088 | -0.24432 0.4441 | 1.00000 |