

**Table S1** Additional information on the items.

<b>Item</b>	<b>Original dimension *</b>	<b>Skewness</b>	<b>Kurtosis</b>
1. Sometimes I do not take my HIV meds if I use alcohol or any illicit substance	Factors related to ART regimens	3.45	13.14
2. The main problem of living with HIV is the stigma around it	Social and economic factors	-1.55	3.59
3. I am afraid to be identified as HIV positive when I go to the healthcare facility to get my HIV meds refill	Emotional factors	-0.36	1.22
4. It frustrates me to think that I need to take the HIV meds in order to be alive	Factors related to ART regimens	0.36	1.28
5. Sometimes I skip taking my HIV meds because I want to avoid side effects	Factors related to ART regimens	3.81	15.91
6. Despite my HIV status, I live a normal life	Emotional factors	2.33	6.77
7. It is difficult to take my HIV meds at home	Factors related to ART regimens	1.94	4.87
8. I do not like to take my HIV meds around others	Emotional factors	0.46	1.33
9. Family or friends make sure I am taking the HIV meds correctly	Social and economic factors	-0.81	1.71
10. The use of electronic devices, such as alarm clocks, reminds me to take my HIV meds consistently	Factors related to ART regimens	-0.20	1.08
11. I am worried about the reactions between my HIV meds and the medications I take for other diseases	Factors related to ART regimens	0.47	1.30
12. Sometimes I forget to take my HIV meds because I get distracted	Factors related to ART regimens	0.86	1.78
13. It is difficult to take my HIV meds at work	Factors related to ART regimens	1.53	3.51
14. I believe that my HIV meds make me healthy	Emotional factors	2.55	8.43
15. I appreciate the fact that the HIV meds are provided free of charge	Healthcare-related factors	10.46	117.94
16. I appreciate it when I get the chance to talk longer with my doctor during the appointment	Healthcare-related factors	4.55	23.56
17. It is tiresome to take my HIV meds everyday	Factors related to ART regimens	0.28	1.15
18. I find it difficult to swallow the pills	Factors related to ART regimens	1.66	3.92
19. I make a link between my HIV meds and some activity in my routine so I can remember to take them on time	Factors related to ART regimens	0.74	1.62
20. There is not enough money for adequate food	Social and economic factors	0.78	1.74
21. The staff at the healthcare facility treats me well	Healthcare-related factors	4.70	24.60
22. Talking with others about HIV helps me to keep taking the meds	Social and economic factors	0.56	1.48
23. When I feel depressed I do not want to take my HIV meds	Emotional factors	2.91	9.69
24. I enjoy sharing experiences with others living with HIV	Social and economic factors	0.12	1.21
25. It is difficult to tell people that I am HIV positive	Emotional factors	-2.10	5.61
26. I feel that the healthcare facility personnel have stigmatizing attitudes towards patients	Healthcare-related factors	2.08	5.53
27. My doctor encourages me to take my HIV medications	Healthcare-related factors	5.58	33.41
28. The HIV meds bring out bad feelings because they remind me that I am HIV positive	Emotional factors	0.06	1.12
29. I am worried about the HIV meds stopping to work in the future	Emotional factors	-0.60	1.50
30. It is hard to get used to the side effects	Factors related to ART regimens	0.38	1.26
31. I take my HIV medication because I want to live	Emotional factors	6.22	43.72
32. I have a hard time getting a new job because of my HIV status	Social and economic factors	1.71	4.43
33. There is no proposal of support groups at the healthcare facility	Healthcare-related factors	0.47	1.56
34. There is not enough money for the transport to the healthcare facility	Social and economic factors	1.16	2.46
35. It is hard to schedule medical appointments and laboratory tests at the healthcare facility	Healthcare-related factors	0.99	2.09
36. It bothers me that I have to get my HIV meds refill in the healthcare facility's pharmacy	Healthcare-related factors	0.16	1.12
37. I have accepted the diagnosis of HIV	Emotional factors	0.43	1.36
38. I take my HIV medication as prescribed so I will not feel ill	Emotional factors	7.82	67.41
39. I believe that the HIV meds can reduce the amount of HIV virus in my blood	Emotional factors	3.73	17.29
40. It is harder to keep track of my HIV meds on weekends	Factors related to ART regimens	1.27	2.75

ART: antiretroviral therapy.

\* Defined for the pilot version of the scale.

## Final version of the PEDIA (Portuguese)

Nesta escala você encontrará uma série de afirmações relacionadas às dificuldades com o uso de seus remédios para o vírus HIV. Indique, por favor, se você concorda ou discorda de cada afirmação.

PD.1 O principal problema de viver com HIV é o preconceito

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.2 Tenho medo de ser identificado como HIV positivo quando vou ao serviço de saúde buscar os remédios para o HIV

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.3 Não gosto da obrigação de ter que tomar o remédio para o HIV para poder viver

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.4 Às vezes deixo de tomar os remédios para o HIV por medo de ter algum efeito desagradável

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.5 Mesmo vivendo com HIV, levo uma vida normal

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.6 É difícil seguir os horários de tomar os remédios para o HIV quando estou em casa

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.7 Não gosto de tomar o remédio para o HIV quando estou em público

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.8 Às vezes me esqueço de tomar o remédio para o HIV no horário por simples distração

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.9 É difícil seguir os horários de tomar os remédios para o HIV quando estou trabalhando

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.10 Acredito que os remédios para o HIV me fazem bem

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.11 É cansativo tomar os remédios para o HIV todos os dias

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.12 Tenho dificuldade de engolir o remédio para o HIV

1.  Discordo      2.  Nem concordo nem discordo      3.  Concordo

PD.13 Quando me sinto deprimido não tenho vontade de tomar os remédios para o HIV

1.  Discordo    2.  Nem concordo nem discordo    3.  Concordo

PD.14 É difícil falar para as pessoas que tenho HIV

1.  Discordo    2.  Nem concordo nem discordo    3.  Concordo

PD.15 Fico preocupado com o futuro, se os remédios para o HIV vão parar de funcionar

1.  Discordo    2.  Nem concordo nem discordo    3.  Concordo

PD.16 É difícil acostumar com os efeitos desagradáveis dos remédios para o HIV

1.  Discordo    2.  Nem concordo nem discordo    3.  Concordo

PD.17 É um incômodo ter que buscar os remédios para o HIV na farmácia do serviço de saúde

1.  Discordo    2.  Nem concordo nem discordo    3.  Concordo

PD.18 Nos finais de semana é mais difícil tomar os remédios

1.  Discordo    2.  Nem concordo nem discordo    3.  Concordo

Sintaxe para o cálculo dos escores da PEDIA:

Etapa	Sintaxe Stata
Eliminar os missing values	recode PD1 PD2 PD3 PD4 PD5 PD6 PD7 PD8 PD9 PD10 PD11 PD12 PD13 PD14 PD15 PD16 PD17 PD18 (1 = 1) (2 = 2) (3 = 3) (else = .)
Inverter as questões formuladas positivamente	recode PD5 PD10 (1 = 3) (2 = 2) (3 = 1)
Calcular o escore total	generate PEDIAtotal = PD1 + PD2 + PD3 + PD4 + PD5 + PD6 + PD7 + PD8 + PD9 + PD10 + PD11 + PD12 + PD13 + PD14 + PD15 + PD16 + PD17 + PD18
Calcular os escores das dimensões	generate ROTINA = PD6 + PD8 + PD9 + PD18 generate TRATAMENTO = PD4 + PD5 + PD10 + PD12 + PD13 + PD16 generate MEDO = PD1 + PD2 + PD3 + PD7 + PD11 + PD14 + PD15 + PD17
Transformar os escores para uma escala de 0 a 100	generate PEDIAtot = 2.78*PEDIAtotal - 50 generate PEDIArotina = 12.5*ROTINA - 50 generate PEDIAtratamento = 8.33*TRATAMENTO - 50 generate PEDIAmedo = 6.25*MEDO - 50