**Online Annex 1: Construct validity of study instruments - Results from Principal Component Analysis**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **PCL-5** | |  | **PHQ-9** | |  | **GAD-7** | |
| **Item** | **Factor association** |  | **Item** | **Factor association** |  | **Item** | **Factor association** |
| PCL1 | 0.7019 |  | phq1 | 0.7631 |  | GAD1 | 0.8245 |
| PCL2 | 0.7357 |  | phq2 | 0.7807 |  | GAD2 | 0.8676 |
| PCL3 | 0.782 |  | phq3 | 0.7670 |  | GAD3 | 0.8758 |
| PCL4 | 0.7244 |  | phq4 | 0.7662 |  | GAD4 | 0.8565 |
| PCL5 | 0.7979 |  | phq5 | 0.7764 |  | GAD5 | 0.8289 |
| PCL6 | 0.6961 |  | phq6 | 0.7488 |  | GAD6 | 0.8142 |
| PCL7 | 0.7058 |  | phq7 | 0.8030 |  | GAD7 | 0.8091 |
| PCL8 | 0.6787 |  | phq8 | 0.7400 |  |  |  |
| PCL9 | 0.7176 |  | phq9 | 0.6335 |  |  |  |
| PCL10 | 0.6780 |  |  |  |  |  |  |
| PCL11 | 0.7741 |  |  |  |  |  |  |
| PCL12 | 0.7534 |  |  |  |  |  |  |
| PCL13 | 0.7645 |  |  |  |  |  |  |
| PCL14 | 0.733 |  |  |  |  |  |  |
| PCL15 | 0.7229 |  |  |  |  |  |  |
| PCL16 | 0.6377 |  |  |  |  |  |  |
| PCL17 | 0.7845 |  |  |  |  |  |  |
| PCL18 | 0.7837 |  |  |  |  |  |  |
| PCL19 | 0.8065 |  |  |  |  |  |  |
| PCL20 | 0.7550 |  |  |  |  |  |  |