**Table 2. Item description, mean coder scores for items across sessions, and inter-coder reliability estimates**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Item number** | **Item content** | **Pakistan** | | | **Bangladesh** | | |
| **Coder 1 Mean score** | **Coder 2 Mean score** | **Krippendorff’s** α (95% CI) | **Coder 1 Mean score** | **Coder 2 Mean score** | **Krippendorff’s** α (95% CI) |
| **Adherence (content-based items)** | | | | | | | |
| **Content items TB medication adherence** | | | | | | | |
| Item1 | Provide information about health consequences: You can be cured of TB with medication | 0.67 | 0.73 | .956 (.868, 1.00) | 1.51 | 1.30 | **.617 (.361, .872)** |
| Item2 | Advise or agree on how to perform behaviour: Keep taking medicines regularly | 1.53 | 1.53 | .943 .831, 1.00) | 1.78 | 1.62 | **.473 (-.053, .895)** |
| Item3 | Advise or agree on how to perform behaviour: Never take a double dose | 0.12 | 0.07 | .791 (.791, .374) | 0.03 | 0.00 | **.000 (-1.00, .000)** |
| Item4 | Advise or agree on how to perform behaviour: Keep taking medicine even if they have pos or neg effects | 0.27 | 0.33 | .852 (.630, 1.00) | 0.38 | 0.22 | .684 (.263, 1.00) |
| **Content items lifestyle** | | | | | | | |
| Item5 | Advise on, arrange or provide practical help: Get help from friends/family not to forget medicine | 0.75 | 0.80 | .957 (.871, 1.00) | 0.27 | 0.22 | .875 (.626, 1.00) |
| Item6 | Advise or agree on how to perform behaviour: Keep coming to scheduled appointments | 0.41 | 0.38 | .870 (.717, .989) | 0.19 | 0.22 | .734 (.393, .992) |
| Item7 | Advise on, arrange, or provide emotional social support: Having TB is not shameful | 0.76 | 0.85 | .913 (.781, 1.00) | 0.05 | 0.22 | **.365 (-.270, 1.00)** |
| Item8 | Advise on, arrange, or provide emotional social support: You will need support of family and friends to get better | 0.04 | 0.18 | **.484 (-.299, 1.00)** | 0.11 | 0.11 | **.479 (-.304, 1.00)** |
| Item9 | Advise or agree on how to perform the behaviour: Encourage the patient to adopt a healthy lifestyle | 0.96 | 0.98 | .844 (.716, .969) | 0.43 | 0.38 | **.580 (.283, .847)** |
| Item10 | Advise or agree on how to perform the behaviour: Abstain from all tobacco products | 0.80 | 0.80 | .994 (.981, 1.00) | 0.27 | 0.05 | **-.074 (-.968, .642)** |
| Item11 | Advise or agree on how to perform the behaviour: Healthy and nutritious food | 1.41 | 1.45 | 1.00 (1.00, 1.00) | 0.86 | 0.86 | .674 (.403, .891) |
| Item12 | Advise or agree on how to perform the behaviour: Getting lots of rest | 0.67 | 0.65 | .952 (.855, 1.00) | 0.11 | 0.11 | **.479 (-.304, 1.00)** |
| Item13 | Advise or agree on how to perform the behaviour: Getting lots of fresh air | 0.78 | 0.87 | .958 (.874, 1.00) | 0.05 | 0.00 | **.000 (-1.00, .000)** |
| **Content items tobacco cessation** | | | | | | | |
| Item14 | Advise or agree on how to perform the behaviour: abstaining from alcohol and tobacco | 0.49 | 0.65 | .858 .740, .949) | 1.05 | 0.92 | **.371 (-.079, .732)** |
| Item15 | Assess current and past smoking behaviour: Check if patient uses tobacco | 0.71 | 0.65 | 1.00 (1.00, 1.00) | 1.46 | 1.24 | **.513 (.209, .979)** |
| Item16 | Provide information about health consequences of performing the behaviour: pos and neg effects on TB of quitting tobacco | 0.73 | 0.78 | .974 (.939, 1.00) | 1.11 | 1.19 | .783 (.659, .907) |
| Item17 | Use methods to emphasise consequences: pos effects of quitting, neg effects of not quitting | 0.63 | 0.62 | .855 (.661, 1.00) | 1.57 | 1.62 | **.423 (.010, .753)** |
| Item18 | Provide information about health consequences of performing the behaviour: quitting improves health and saves money | 0.24 | 0.33 | .766 (.455, 1.00) | 0.59 | 0.49 | .865 (.662, 1.00) |
| Item19 | Advise on how to avoid exposure: Gradual cessation is not effective | 0.43 | 0.53 | .894 (.716, 1.00) | 0.35 | 0.32 | **.587 (.232, .892)** |
| Item20 | Advise on how to avoid exposure: Abrupt cessation | 0.39 | 0.38 | .796 (.583, .948) | 0.43 | 0.30 | **.598 (.255, .886)** |
| Item21 | Explain why it is better to stop aburuptly: Abrupt cessation | 0.12 | 0.18 | **.543 (-.066, 1.00)** | 0.32 | 0.27 | **.473 (.052, .895)** |
| Item22 | Set a quit date: Ask the patient whether they want to quit/set a quit date | 0.04 | 0.04 | **-.010 (-1.00, .495)** | 0.54 | 0.49 | **.651 (.371, .930)** |
| Item23 | Set a quit date: Together with the patient suggest to find a quit date | 0.04 | 0.04 | 1.00 (1.00, 1.00) | 0.46 | 0.51 | .723 (.459, .925) |
| Item24 | Provide information about health consequences: Withdrawal symptoms might occur | 0.98 | 0.98 | 1.00 (1.00, 1.00) | 0.57 | 0.54 | .924 (.819, 1.00) |
| Item25 | Provide information about health consequences: Describe withdrawal symptoms and how to handle them | 0.90 | 0.91 | .972 (.931, 1.00) | 0.59 | 0.70 | .907 (.817, .974) |
| **Quality (Interaction-based items)** | | | | | | | |
| Item26 | Build general rapport | 0.75 | 0.69 | .900 (.749, 1.00) | 1.08 | 0.73 | **.232 (-.174, .541)** |
| Item27 | Elicit and answer questions | 0.22 | 0.25 | .733 (.393, 1.00) | 0.95 | 1.24 | **.167 (-.350, .588)** |
| Item28 | Provide reassurance | 0.10 | 0.18 | .838 (.513, 1.00) | 0.84 | 0.95 | **.582 (.307, .800)** |
| Item29 | Use reflective listening | 0.02 | 0.07 | **-0.010 (-1.00, .505)** | 0.35 | 0.30 | **.059 (-.417, .468)** |
| Item30 | Offer/direct towards written materials | 0.00 | 0.00 | **.000 (.000, .000)** | 0.11 | 0.38 | **.376 (-.123, .875)** |
| Item31 | Tailor interactions appropriately | 0.00 | 0.00 | **.000 (.000, .000)** | 0.32 | 0.38 | .724 (.356, 1.00) |
| Mean Krippendorff’s alpha for Adherence was .548 and for Quality was .357 for Bangladesh; for Adherence it was .846 and for Quality it was .410 for Pakistan.  The anchors for 13 items were 0 (not implemented),1 (partially implemented), 2 (fully implemented), and for 18 items were 0 or 2.  Items in bold show low agreement (i.e. α < 0.67) | | | | | | | |