



THE PRIMARY CARE COMPANION FOR CNS DISORDERS

Supplementary Material

Article Title: Development and Validation of a Scale to Measure Anxiety Specific to Pregnancy During the COVID-19 Pandemic: The Antenatal COVID-19 Anxiety Scale

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Supplementary Table 1: Sample characteristics		
Variables		n (n%)/ Mean ± SD
Age (in years)		26.35±4.19
Trimester	First	84 (15.1)
	Second	240 (43.1)
	Third	233 (41.8)
Weeks of gestation		23.43±8.41
Religion	Hindu	501 (89.9)
	Islam	45 (8.1)
	Others	11 (2.0)
Employment status	Employed	77 (13.8)
	Homemaker	480 (86.2)
SES	Upper	8 (1.4)
	Upper middle	181 (32.5)
	Lower middle	183 (32.9)
	Upper lower	182 (32.7)
	Lower	3 (0.5)
Habitat	Rural/semi urban	194 (34.8)
	Urban	363 (65.2)
Family Type	Joint	331 (59.4)
	Nuclear	224 (40.2)
Parity	Primi	216 (38.8)
	Multi	341 (61.2)
Previous abortion or stillbirth	Yes	124 (22.3)
	No	433 (77.7)
Complications in present pregnancy	Yes	78 (14.0)
	No	479 (86.0)
Complications in previous pregnancy	Yes	77 (13.8)
	No	480 (86.2)
Comorbid General Medical Illness	Yes	82 (14.7)
	No	475 (85.3)
Past psychiatric illness	Yes	7 (1.3)
	No	550 (98.7)
COVID status	Positive_active	11 (2.0)
	Positive_recovered	14 (2.5)
	Negative	81 (14.5)
	Not tested/Not suspected	451 (81.0)
Generalized Anxiety Disorder-7	No anxiety (score <5)	356 (63.9)
	Mild anxiety (score 5-10)	139 (25.0)
	Moderate anxiety (score 10-15)	47 (8.4)
	Severe anxiety (score >15)	15 (2.7)

Supplementary Table 2: The Items of the AnCAN scale and average scores on face/content validation assertions				
S.no	Items	Relevance to COVID-19 and antenatal related anxiety	Proper framing of the question	Appropriateness of the Likert scale to the item
01	Worries or fear related to the risk of Corona Virus infection due to pregnancy	4.75	4.25	4.625
02	Worries or fear related to fetus having the risk of Corona Virus infection	4.25	4.1875	4.5625
03	Worries or fear about antenatal checkups/scans due to the risk of Corona Virus infection	4.5	4.3125	4.5625
04	Worries or fear about delivery/labor due to risk of Corona Virus infection	4.75	4.1875	4.75
05	Worries or fear about breast feeding due to risk of Corona Virus infection to the newborn	4.4375	4.0625	4.5
06	Worries or fear about care of the newborn child during the Corona Virus pandemic	4.3125	4.1875	4.25
07	Worries or fear about harm to fetus due to increased use of sanitizer	4.25	4.25	4.375
08	Worries or fear due to others in the household not maintaining enough sanitization	4.625	4.5	4.5625
09	Worries or fear on hearing social media and news reports related to Corona virus pandemic	4.25	4.375	4.4375
10	Worries or fear about less access to medicines because of Corona Virus related lockdown	4.375	4.5	4.5
11	Worries or fear about not having childbirth related rituals and customs (like <i>god bharai</i> , baby shower, <i>aqiqah</i> , etc)	4.125	4.375	4.375
12	Worries and fear regarding lack of social support (emotional, domestic, financial, social relationships and workplace) during pregnancy or after birth of the baby in the context of the Corona Virus pandemic	4.6875	4.5625	4.6875

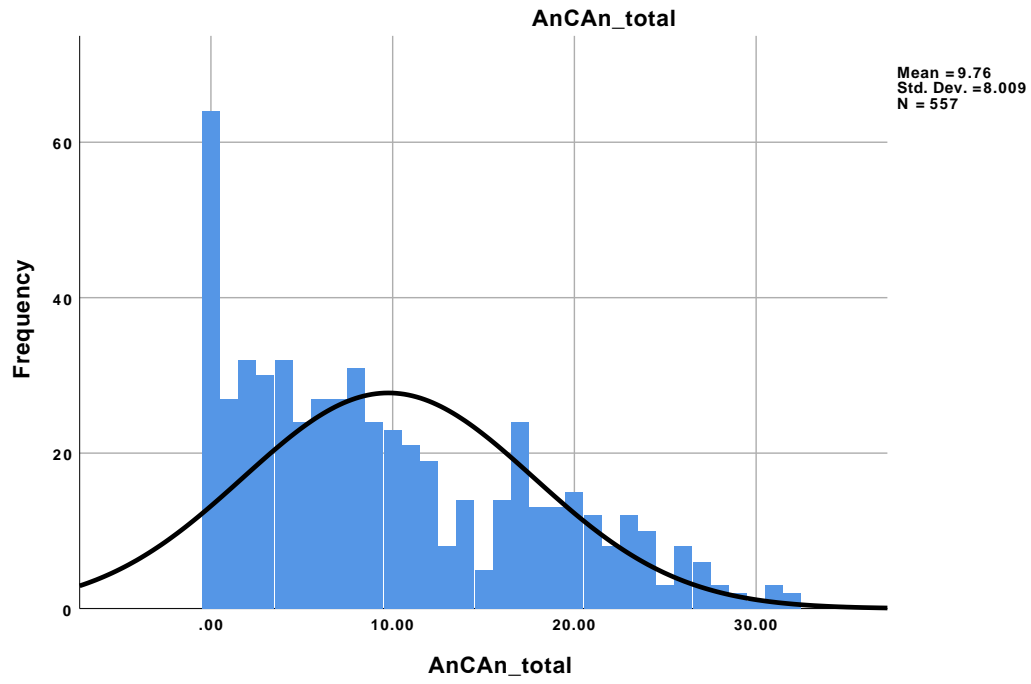
Supplementary Table 3: Inter Item correlation matrix											
Items→ ↓	Item 1	Item 2	Item 3	Item 4	Item 5	Item 6	Item 7	Item 8	Item 9	Item 10	Item 11
Item 2	0.782*										
Item 3	0.557*	0.631*									
Item 4	0.606*	0.644*	0.657*								
Item 5	0.462*	0.502*	0.628*	0.611*							
Item 6	0.544*	0.577*	0.520*	0.626*	0.621*						
Item 7	0.399*	0.436*	0.447*	0.387*	0.552*	0.527*					
Item 8	0.424*	0.426*	0.473*	0.434*	0.485*	0.498*	0.653*				
Item 9	0.519*	0.541*	0.416*	0.504*	0.307*	0.524*	0.453*	0.435*			
Item 10	0.462*	0.505*	0.548*	0.521*	0.543*	0.525*	0.531*	0.527*	0.529*		
Item 11	0.384*	0.402*	0.493*	0.412*	0.522*	0.412*	0.546*	0.520*	0.304*	0.559*	
Item 12	0.363*	0.396*	0.486*	0.399*	0.543*	0.513*	0.568*	0.497*	0.344*	0.573*	0.617*
*p<.001											

Supplementary Table 4a: 2x2 table for AnCAN 'total score' cut-off- and GAD-7 cut-off				
	GAD-7 (<10)	GAD-7 (10 or>)	McNemar test	
AnCAN total (<16)	391	17	$\chi^2=61.12$	p<.001
AnCAN total (16 or >)	104	45		

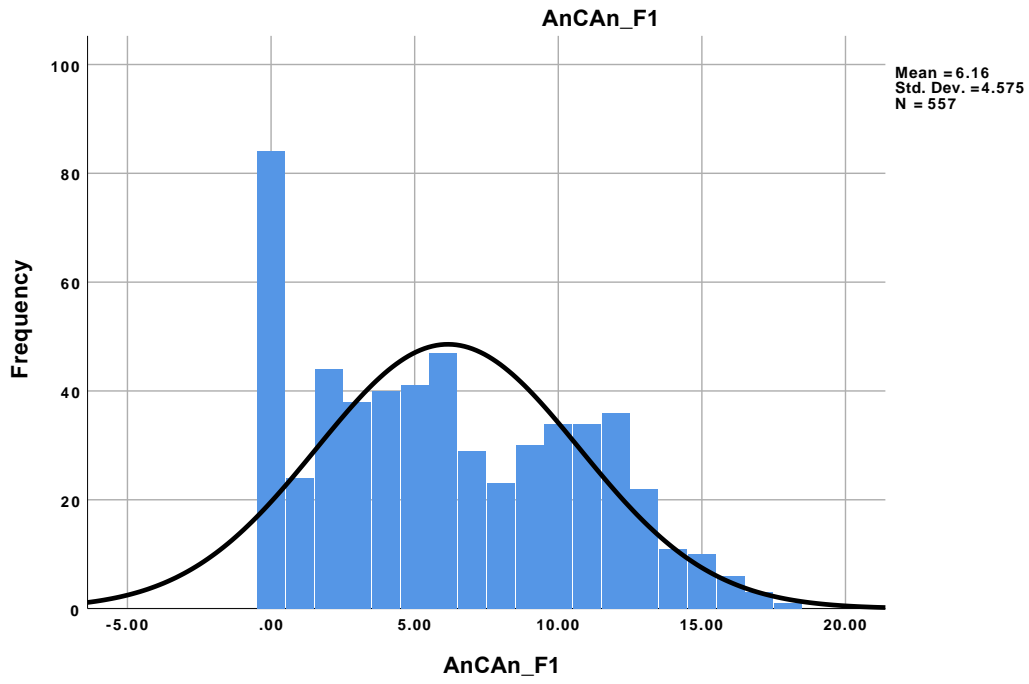
Supplementary Table 4b: 2x2 table for AnCAN 'Factor 1' cut-off- and GAD-7 cut-off				
	GAD-7 (<10)	GAD-7 (10 or>)	McNemar test	
AnCAN factor 1 (<10)	382	18	$\chi^2=67.45$	p<.001
AnCAN factor 1 (10 or >)	113	44		

Supplementary Table 4c: 2x2 table for AnCAN 'Factor 2' cut-off- and GAD-7 cut-off				
	GAD-7 (<10)	GAD-7 (10 or>)	McNemar test	
AnCAN factor 2 (<6)	393	17	$\chi^2=59.29$	p<.001
AnCAN factor 2 (6 or >)	102	45		

Supplementary Figure 1A



Supplementary Figure 1B



Supplementary Figure 1C

