

Supplementary table 1: Association of maternal characteristics with prenatal depression

Maternal /Obstetrics characteristics	Categories	Depression				p-value
		No		Yes		
Mean age in years			26.5 ±4.3		27.3± 5.2	<0.05*
Mean BMI			26.1 ±15.3		25.1 ±8.9	0.403
		<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	
Age category	16-22	49	53.8	42	46.2	0.091
	23-30	171	53.9	146	46.1	
	31+	38	41.3	54	58.7	
women's education	No formal education	33	38.4	53	61.6	<0.001** *
	Primary/Middle	87	44.6	108	55.4	
	Sec/H. secondary	99	61.5	62	38.5	
	Bachelors	39	67.2	19	32.2	
BMI ( Pre-Pregnancy)	Under weight	65	55.1	53	44.9	0.810
	Normal weight	130	50.8	126	49.2	
	Overweight	51	51.0	49	49.0	
	Obese	12	46.2	14	53.8	
Infant Death (under one year Death)	No	231	52.6	208	47.4	0.221
	Yes	27	44.3	34	55.7	
Child mortality (1-5 year Child Death)	No	226	52.3	206	47.2	0.420
	Yes	32	47.1	36	52.9	
Miscarriage	No	195	54.3	164	45.7	0.052
	Yes	63	44.7	78	55.3	
No of living children	0	46	30.6	104	69.3	<0.001** *
	1-3	187	62.7	112	37.3	
	4+	25	49.5	26	50.5	
Duration of pregnancy	2 <sup>nd</sup> trimester	96	31.4	209	68.6	0.631
	3 <sup>rd</sup> trimester	162	83.1	33	16.9	
Health in last 30 days	Good	144	90.5	15	9.43	<0.001** *
	Moderate	101	51.2	96	48.7	
	Bad	13	9.0	131	91.0	
Delivery place	Hospital	161	57.7	118	42.3	<0.05*
	Home	35	48.4	37	51.6	
	other	62	41.7	87	58.3	
Plan to use Modern Contraceptives	No	138	62.4	83	37.6	0.151
	Yes	120	43.0	159	57.0	
No of pregnancies	< 3	158	49.1	164	50.9	<0.001** *
	4-6	87	59.2	60	40.8	
	> 6	13	41.0	18	59.0	

\*Significant \*\*highly significant \*\*\*extremely significant

**Supplementary Table 2 Socioeconomic characteristics and depression**

Socioeconomic Factors	Categories	Depression				p-value
		No		Yes		
		N	%	N	%	
Women employment	No	242	52.4	220	47.6	0.223
	Yes	16	42.1	22	57.9	
Husbands income	< 12,000	134	45.7	159	54.3	<0.01**
	12,001-21,000	83	59.3	57	40.7	
	21,001 – 30,000	18	52.9	16	47.1	
	>30,001	23	69.7	10	30.3	
Total income	< 12,000	161	49.7	163	50.3	0.480
	12,001-21,000	31	52.5	28	47.5	
	21,001 – 30,000	24	51.1	23	48.9	
	>30,001	42	60.0	28	40.0	
Women empowerment status	No	69	35.2	127	64.8	<0.001***
	Yes	189	62.2	115	37.8	
Wealth index	Poorest	27	26.7	74	73.3	<0.001***
	Poor	92	47.2	103	52.8	
	Average	63	63.0	37	37.0	
	Rich	61	72.6	23	27.4	
	Richest	15	75.0	5	25.0	
Have money for basic needs	No	21	23.3	69	76.7	<0.001***
	Yes	236	58.4	168	41.6	
	Don't know	1	16.7	5	83.3	
Money for food	No	23	25.3	68	74.7	<0.001***
	Yes	226	57.8	165	42.2	
	Don't know	9	50.0	9	50.9	
Family debt	No	150	64.9	81	35.5	<0.001***
	Yes	88	37.3	148	62.7	
	Don't know	20	60.6	13	19.4	

<b>Family structure</b>	Nuclear	56	50.5	55	49.5	0.087
	Joint	173	54.6	144	45.4	
	Multiple	29	40.3	43	59.7	
<b>Husband away from home in last 6 months</b>	No	206	50.6	201	49.4	0.356
	Yes	52	55.9	41	44.1	
<b>Life satisfaction</b>	Satisfied	210	72.7	79	27.3	<0.001***
	Moderately	42	30.9	94	69.1	
	Not satisfied	6	8.0	69	92.0	
<b>Expectation for life satisfaction in next four years</b>	Satisfied	224	65.9	116	64.1	<0.001***
	Moderately	31	27.7	81	72.3	
	Not satisfied	3	6.3	45	93.8	

\*Significant \*\*highly significant \*\*\*extremely significant

**Supplementary Table 3: MSPSS scores and prenatal depression**

	Depression Yes	Depression No			
<b>MSPSS score</b>	<b>Mean SD</b>	<b>Mean SD</b>	<b>mean difference</b>	<b>CI</b>	<b>p-value</b>
Significant others subscale	<b>18.43(3.86)</b>	<b>13.14(6.75)</b>	<b>5.29</b>	<b>4.32-6.27</b>	<0.001
Family subscale	<b>18.9 (4.02)</b>	<b>12.85(6.99)</b>	<b>5.33</b>	<b>4.32-6.35</b>	<0.001
Friends subscale	<b>12.26(7.17)</b>	<b>9.32(6.58)</b>	<b>2.93</b>	<b>1.73-4.14</b>	<0.001
<b>MSPSS total</b>	<b>48.88(11.07)</b>	<b>35.31(15.99)</b>	<b>13.56</b>	<b>11.13-15.99</b>	<0.00