

## SUPPLEMENTARY TABLES

**Supplementary Table 1:** The diagnosis of the patients, due to which they visited Gynecology OPD for the patients who have been included in the study.

S. No.	Diagnosis	Number (percentage)
1.	Abnormal Uterine bleeding	963
2.	White discharge per vaginum	367
3.	For routine check-up (Cervical cancer screening)	96
4.	Infertility (Primary/Secondary)	76
5.	Hirsutism	25
6.	Asymptomatic patients with Incidentally diagnosed conditions on ultrasound like fibroid simple ovarian cysts.	20
7.	Breast complications like lump, nipple discharge, galactorrhea.	15

OPD: Out-patient department

**Supplementary Table 2:** Socio-demographic profile of the study participants from South India (Group A); Eastern India (Group B) and Northern India (Group C).

	Southern women		Eastern women		Northern women		F	P-value
	Mean	SD	Mean	SD	Mean	SD		
Age	35.85	9.41	35.52	7.62	38.77	9.31	18.342	0.001
BMI	26.81	5.84	25.19	4.32	24.61	4.81	28.643	0.001
Height in cm	153.03	6.22	153.84	5.30	157.84	7.38	87.081	0.001
Weight	62.66	13.58	59.63	10.73	61.16	11.79	6.174	0.002
Parity	1.86	0.91	1.53	0.91	1.81	0.99	11.977	0.001
Number of vaginal deliveries	1.10	1.21	0.80	1.02	1.56	1.18	40.935	0.001

BMI: Body mass index, SD: Standard deviation, F: statistic

**Supplementary Table 3:** Comparison of anatomical measurements of the vulva for women ethnic to South India, Eastern India, and Northern India.

	Southern women		Eastern women		Northern women		F	P-value
	Mean	SD	Mean	SD	Mean	SD		
Labia majora length (cm)	10.14	1.85	8.29	1.07	9.74	1.53	119.882	0.001
Labia majora width in cm	3.64	0.80	2.99	0.70	4.05	0.76	155.942	0.001
Labia minora length in cm	5.28	1.49	5.21	1.08	6.58	1.42	147.996	0.001
Labia minora width in cm	2.00	0.85	1.79	0.57	1.89	0.58	8.943	0.001
Clitoris length (In mm)	12.59	4.15	14.28	4.85	13.68	4.60	18.150	0.001
Clitoris width (In mm).	7.49	3.18	7.10	2.57	8.48	3.11	22.408	0.001
Length of introitus in cm	2.18	1.04	1.75	0.55	4.46	1.05	1015.838	0.001
Length of perineal body in cm	2.60	0.72	2.48	0.61	2.48	0.59	6.465	0.002
Clitoris to urethra length in mm.	24.43	6.98	16.22	4.35	25.02	7.28	165.634	0.001
Urethra to vagina length in mm	21.59	8.50	10.34	5.21	15.93	8.25	214.749	0.001
Total vaginal length in cm. (only for married or sexually active females)	9.29	1.66	8.52	1.13	8.57	0.78	57.611	0.001

SD: Standard deviation

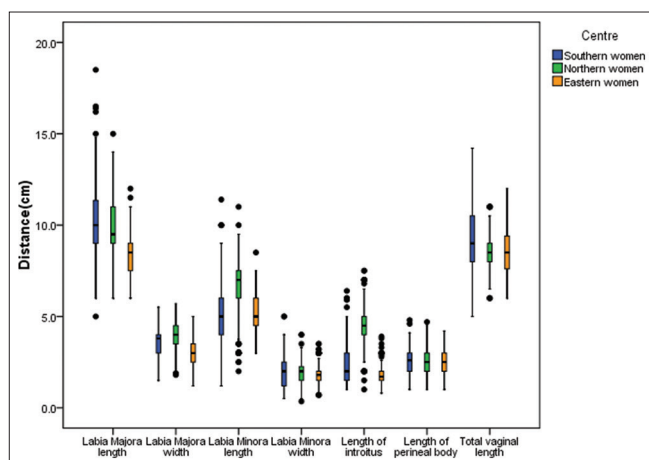
**Supplementary Table 4:** Centiles for anatomical measurements of vulva for women ethnic to South India, Eastern India, and Northern India.

	Percentiles						
	5	10	25	50	75	90	95
<b>Labia majora length in cm</b>							
Southern women	7.10	8.00	9.00	10.00	11.40	12.40	13.00
Eastern women	6.50	7.00	7.50	8.50	9.00	9.59	10.00
Northern women	7.50	8.00	9.00	9.50	11.00	12.00	12.65
<b>Labia majora width in cm</b>							
Southern women	2.20	2.50	3.00	3.80	4.00	5.00	5.00
Eastern women	1.80	2.00	2.50	3.00	3.50	4.00	4.00
Northern women	2.80	3.00	3.50	4.00	4.50	5.00	5.00
<b>Labia minora length in cm</b>							
Southern women	3.20	3.60	4.00	5.00	6.00	7.00	8.00
Eastern women	3.50	3.80	4.50	5.00	6.00	6.50	7.00
Northern women	4.00	5.00	6.00	7.00	7.50	8.00	8.50
<b>Labia minora width in cm</b>							
Southern women	1.00	1.00	1.20	2.00	2.50	3.00	3.50
Eastern women	0.80	1.00	1.50	1.80	2.00	2.50	2.84
Northern women	1.00	1.22	1.50	2.00	2.25	2.65	2.93
<b>Clitoris length (In mm)</b>							
Southern women	8.00	10.00	10.00	10.00	15.00	20.00	20.00
Eastern women	8.00	10.00	10.00	15.00	17.00	20.00	25.45
Northern women	8.00	10.00	10.00	12.00	15.00	20.00	23.30
<b>Clitoris width (In mm).</b>							
Southern women	3.00	4.00	5.00	8.00	10.00	10.00	12.00
Eastern women	3.55	4.10	5.00	7.00	8.00	10.00	12.00
Northern women	4.00	4.40	6.00	8.00	10.00	12.00	15.00
<b>Length of introitus in cm</b>							
Southern women	1.00	1.00	1.50	2.00	3.00	3.80	4.20
Eastern women	1.00	1.00	1.50	1.70	2.00	2.50	2.55
Northern women	3.00	3.00	4.00	4.50	5.00	6.00	6.00
<b>Length of perineal body in cm</b>							
Southern women	1.50	1.80	2.00	2.60	3.00	3.50	4.00
Eastern women	1.50	1.52	2.00	2.50	3.00	3.20	3.50
Northern women	1.80	2.00	2.00	2.50	3.00	3.00	3.50
<b>Clitoris to urethra length in mm.</b>							
Southern women	10.00	15.00	20.00	25.00	30.00	30.00	35.00
Eastern women	10.00	10.00	13.00	15.00	20.00	20.00	25.00
Northern women	15.00	15.00	20.00	25.00	30.00	35.00	40.00
<b>Urethra to vagina length in mm</b>							
Southern women	10.00	10.00	16.00	20.00	25.00	30.00	40.00
Eastern women	3.55	5.00	5.75	10.00	13.25	17.90	20.00
Northern women	7.70	10.00	10.00	15.00	20.00	30.00	33.30
<b>Total vaginal length in cm</b>							
Southern women	7.00	7.00	8.00	9.00	10.50	11.00	12.00
Eastern women	7.00	7.00	7.58	8.50	9.40	10.00	10.50
Northern women	7.50	7.50	8.00	8.50	9.00	9.50	10.00

**Supplementary Table 5:** Reference nomograms of anatomical measurements of Vulva in the study population, with respect to parity.

Parity	Nulliparous	Primiparous	Para 2 or higher	F	P-value
<b>Genital measurements</b>	<b>Mean±SD</b>	<b>Mean±SD</b>	<b>Mean±SD</b>		
Labia majora length in cm	9.44±1.65	9.48±1.80	9.84±1.77	7.518	0.001
Labia majora width in cm	3.68±0.83	3.58±0.82	3.69±0.86	2.135	0.119
Labia minora length in cm	5.54±1.56	5.60±1.47	5.73±1.55	1.577	0.207
Labia minora width in cm	1.87±0.71	1.89±0.70	1.96±0.75	1.789	0.167
Clitoris length (mm)	12.96±4.17	13.64±4.73	13.11±4.42	2.039	0.130
Clitoris width (mm).	7.89±3.11	7.69±3.25	7.73±3.07	0.251	0.778
Length of introitus (cm)	2.68±1.49	2.76±1.48	2.88±1.49	1.829	0.161
Length of perineal body (cm)	2.56±0.68	2.50±0.63	2.55±0.67	0.979	0.376
Clitoris to urethra length (mm).	22.33±7.28	22.61±7.53	23.68±7.37	4.269	0.014
Urethra to vagina length (mm)	16.21±8.25	16.17±8.22	18.86±9.24	15.294	0.000
Total vaginal length in cm. (only for married or sexually active females)	8.83±1.48	8.85±1.32	8.98±1.42	1.610	0.200

SD: Standard deviation

**SUPPLEMENTARY FIGURE****Supplementary Figure 1:** Reference nomograms of anatomical measurements of Vulva in the study population (separately for women ethnic to the South, North, and eastern parts of India).