

Fingers	Fingerprint patterns								
	Frequency of loop (%)			Frequency of whorl (%)			Frequency of arch (%)		
	Breast cancer participants N = 70	Apparently healthy participants N = 70	P-value	Breast cancer participants N = 70	Apparently healthy participants N = 70	P-value	Breast cancer participants N = 70	Apparently healthy participants N = 70	P-value
Right thumb	38 (54.3%)	27 (38.6%)	0.12	24 (34.3%)	31 (44.3%)	0.26	8 (11.4%)	12 (17.1%)	0.26
Right index finger	47 (67.1%)	39 (55.7%)	0.32	14 (20%)	21 (30%)	0.16	9 (12.9%)	10 (14.3%)	0.85
Right middle finger	58 (82.9%)	55 (78.6%)	0.75	7 (10%)	9 (12.9%)	0.53	5 (7.1%)	6 (8.6%)	0.62
Right ring finger	47 (67.1%)	40 (57.1%)	0.37	23 (32.9%)	28 (40%)	0.41	0 (0%)	2 (2.9%)	-
Right little finger	62 (88.6%)	60 (85.7%)	0.82	6 (8.6%)	8 (11.4%)	0.66	2 (2.9%)	2 (2.9%)	1.00
Left thumb	37 (52.9%)	24 (34.3%)	0.04*	22 (31.4%)	28 (40%)	0.29	11 (15.7%)	18 (25.7%)	0.12
Left index finger	44 (62.9%)	34 (48.6%)	0.19	15 (21.4%)	22 (31.4%)	0.17	11 (15.7%)	14 (20%)	0.51
Left middle finger	50 (71.4%)	47 (67.1%)	0.73	11 (15.7%)	12 (17.1%)	0.86	9 (12.9%)	11 (15.7%)	0.58
Left ring finger	44 (62.9%)	38 (54.3%)	0.41	22 (31.4%)	28 (40%)	0.29	4 (5.5%)	4 (5.5%)	1.00
Left little finger	59 (84.3%)	58 (82.9%)	0.94	5 (7.1%)	9 (12.9%)	0.18	6 (8.6%)	3 (4.3%)	0.17