

Appendix B – Baseline characteristics women who delivered in 2018 and 2019 at EMC and respondents

Case-mix factors	All women N = 3292		Survey group N = 645		MD	P
	N	Mean (sd)	N	Mean (sd)		
Age at delivery	3292	31.95 (5.23)	645	32.86 (4.55)	-1.137	<0.001
BMI	2460	25.43 (5.73)	489	25.22 (5.95)	0.259	0.370
	N	n (%)	N	n (%)		
Education	994		231			
None		15 (1.51)		0 (0)	0.020	0.030
Primary		101 (10.32)		7 (3.03)	0.095	<0.001
Secondary		658 (67.21)		155 (67.10)	0.001	0.967
Tertiary (university or equivalent)		205 (20.94)		69 (29.87)	-0.117	<0.001
Ethnicity	3268		642			
Hindu		95 (2.91)		10 (1.56)	0.017	0.023
Western		1769 (54.13)		503 (78.35)	-0.301	<0.001
Latin American		121 (3.70)		9 (1.40)	0.029	<0.001
Turkish		213 (6.52)		22 (3.43)	0.040	<0.001
North African		391 (11.96)		33 (5.14)	0.085	<0.001
Other African		174 (5.32)		6 (0.93)	0.055	<0.001
Asian		156 (4.77)		14 (2.18)	0.032	<0.001
Multiple/other		349 (10.68)		45 (7.01)	0.046	<0.001
Substance use at start of pregnancy						
Tobacco	2045	321 (15.70)	420	49 (11.67)	0.051	0.011
Alcohol	1973	236 (11.96)	403	60 (14.89)	-0.037	0.042
Drugs	1978	38 (1.92)	400	5 (1.25)	0.008	0.274
Medical history						
Diabetes Mellitus	2036	73 (3.59)	434	14 (3.23)	0.005	0.650
Hypertension	2024	49 (2.42)	431	11 (2.55)	0.002	0.842
Psychiatric disorder	2039	269 (13.19)	436	52 (11.93)	0.016	0.379
None	2010	1638 (81.49)	428	353 (82.48)	-0.013	0.555
Primiparous	3285	1505 (45.81)	645	330 (51.16)	-0.067	0.002
Obstetric history						
Preterm delivery	1275	651 (51.06)	220	109 (49.55)	0.018	0.622
Blood transfusion		N/A		N/A		
Cesarean section	990	294 (29.70)	164	42 (25.61)	0.049	0.210
Loss of a pregnancy	1431	79 (5.52)	316	12 (4.11)	0.012	0.559
None	491	293 (59.67)	85	31 (36.47)	0.024	0.809
Current pregnancy						
Multiple gestations	3292	121 (3.67)	645	18 (2.79)	0.014	0.115

Congenital anomaly	2765	388 (14.03)		544	68 (12.50)		0.019	0.251
Medical indication	3292			645				
Maternal		867 (26.34)			204 (31.36)		-0.066	<0.001
Fetal		726 (22.05)			131 (20.31)		0.022	0.234
Other		1293 (39.28)			206 (31.94)		0.091	<0.001
Unknown		509 (15.46)			125 (17.66)		-0.035	0.026
Living in a deprived area	3292	899 (27.31)		645	82 (12.71)		0.182	<0.001
Clinical outcomes	N	n (%)		N	n (%)		MD	P
Survival								
Maternal death	3292	1 (0.03)		645	0 (0)		0	0.621
Still birth	3263	122 (3.74)		645	0 (0)		0.044	<0.001
Neonatal death	3028	68 (2.25)		645	0 (0)		0.023	<0.001
Maternal morbidity								
Maternal need for IC	3292	9 (0.27)		645	0 (0)		0.003	0.138
Late maternal complication	3292	35 (1.06)		645	6 (0.93)		0.002	0.714
Transfusion	3292	155 (4.71)		645	26 (4.03)		0.008	0.365
Neonatal morbidity								
Spontaneous preterm birth	3240	303 (9.35)		645	46 (7.19)		0.027	0.036
Iatrogenic preterm birth	3240	424 (13.09)		645	59 (9.22)		0.048	0.001
Length of stay								
	N	Mean (sd)	Max	N	Mean (sd)	Max		
Mother	3292	1.28 (1.54)	25	645	1.33 (1.45)	10	-0.062	0.363
Neonate	3292	3.67 (7.24)	28	645	3.33 (6.51)	28	0.423	0.184
Treatment variables	N	n (%)		N	n (%)		MD	P
Type of delivery								
Spontaneous	3292	1817 (55.19)		645	343 (53.18)		0.025	0.251
Assisted vaginal		359 (10.91)			84 (13.02)		-0.026	0.054
Cesarean section		1116 (33.90)			218 (33.80)		0.001	0.951
Start of labor								
Iatrogenic	3245	1783 (54.95)		645	369 (57.21)		-0.028	0.197
Delivered care services								
	N	Mean (sd)	Max	N	Mean (sd)	Max	MD	P
Antenatal admissions	3292	0.15 0.70	6	645	0.13 (0.43)	5	0.022	0.296
Visits	3292	8.86 (7.91)	72	645	10.42 (7.77)	44	-1.943	<0.001
Multiple centers				N	n (%)			
				645	336 (52.09)			

MD mean difference.

Minimum and maximum values of age at delivery for all women and the survey group were 14.17 – 49.45 years and 18.26 – 49.45 years, respectively. Minimum and maximum values of BMI for all women and the survey group were 15.81 – 61.59 kg/m² and 16.18 – 52.34 kg/m² respectively. Care provision by multiple centers was

patient-reported and therefore not reported for all women. Minimum values of delivered care services and lengths of stay equal zero.