

Table 1. Baseline characteristics of the study population in the training, internal testing, and external testing sets.

cohort (N)		training (N=182)			Internal testing (N=45)			external testing (N=41)			p
name	levels	non-FGR (N=109)	FGR (N=73)	p	non-FGR (N=27)	FGR (N=18)	p	non-FGR (N=22)	FGR (N=19)	p	
maternal.age(year)	Mean ± SD	31.2 ± 3.7	31.1 ± 4.3	.920	31.0 ± 4.0	31.0 ± 5.1	.978	29.7 ± 3.7	32.1 ± 4.0	.056	.899
height(mm)	Mean ± SD	161.1 ± 5.0	158.3 ± 4.5	<.001*	160.9 ± 5.0	159.0 ± 4.0	.202	159.6 ± 4.8	158.7 ± 6.3	.625	.613
weight(kg)	Mean ± SD	67.9 ± 8.7	63.7 ± 9.3	.002*	68.7 ± 6.1	63.9 ± 9.3	.040*	65.5 ± 11.3	66.1 ± 12.7	.875	.884
WTgrow	Mean ± SD	13.1 ± 3.9	11.6 ± 4.2	.013*	14.6 ± 6.8	11.2 ± 3.4	.029*	12.3 ± 5.1	10.6 ± 3.4	.215	.197
fetal.sex	female	62 (56.9%)	40 (54.8%)	.900	13 (48.1%)	12 (66.7%)	.358	9 (40.9%)	12 (63.2%)	.268	.853
	male	47 (43.1%)	33 (45.2%)		14 (51.9%)	6 (33.3%)		13 (59.1%)	7 (36.8%)		
ODS	No	102 (93.6%)	51 (69.9%)	<.001*	26 (96.3%)	14 (77.8%)	.146	21 (95.5%)	9 (47.4%)	.002*	.129
	Yes	7 (6.4%)	22 (30.1%)		1 (3.7%)	4 (22.2%)		1 (4.5%)	10 (52.6%)		
PREE	No	108 (99.1%)	58 (79.5%)	<.001*	27 (100%)	15 (83.3%)	.113	22 (100%)	16 (84.2%)	.182	.875
	Yes	1 (0.9%)	15 (20.5%)		0 (0%)	3 (16.7%)		0 (0%)	3 (15.8%)		
GH	No	105 (96.3%)	53 (72.6%)	<.001*	26 (96.3%)	13 (72.2%)	.060	19 (86.4%)	15 (78.9%)	.831	.805
	Yes	4 (3.7%)	20 (27.4%)		1 (3.7%)	5 (27.8%)		3 (13.6%)	4 (21.1%)		
AIP	No	96 (88.1%)	66 (90.4%)	.801	21 (77.8%)	16 (88.9%)	.577	20 (90.9%)	15 (78.9%)	.524	.435
	Yes	13 (11.9%)	7 (9.6%)		6 (22.2%)	2 (11.1%)		2 (9.1%)	4 (21.1%)		
GD	No	90 (82.6%)	62 (84.9%)	.828	22 (81.5%)	13 (72.2%)	.714	17 (77.3%)	16 (84.2%)	.870	.640
	Yes	19 (17.4%)	11 (15.1%)		5 (18.5%)	5 (27.8%)		5 (22.7%)	3 (15.8%)		
ABPLH	No	87 (79.8%)	58 (79.5%)	1.000	18 (66.7%)	14 (77.8%)	.638	20 (90.9%)	11 (57.9%)	.037*	.442
	Yes	22 (20.2%)	15 (20.5%)		9 (33.3%)	4 (22.2%)		2 (9.1%)	8 (42.1%)		
ABPU	No	99 (90.8%)	50 (68.5%)	<.001*	25 (92.6%)	10 (55.6%)	.010*	19 (86.4%)	15 (78.9%)	.831	.788
	Yes	10 (9.2%)	23 (31.5%)		2 (7.4%)	8 (44.4%)		3 (13.6%)	4 (21.1%)		
gravidity	1	47 (49.5%)	41 (60.3%)	.307	11 (50%)	9 (56.2%)	.560	13 (59.1%)	8 (42.1%)	.439	.705
	2	29 (30.5%)	14 (20.6%)		7 (31.8%)	6 (37.5%)		7 (31.8%)	7 (36.8%)		
	>=3	19 (20%)	13 (19.1%)		4 (18.2%)	1 (6.2%)		2 (9.1%)	4 (21.1%)		
parity	1	59 (54.1%)	53 (72.6%)	.026*	17 (63%)	14 (77.8%)	1.000	13 (59.1%)	18 (94.7%)	.005*	.297
	2	43 (39.4%)	19 (26%)		10 (37%)	4 (22.2%)		9 (40.9%)	0 (0%)		
	3	7 (6.4%)	1 (1.4%)		0 (0%)	0 (0%)		0 (0%)	1 (5.3%)		

ABPLH, abnormal pregnancy-labor history; *ABPU*, abnormal placenta or umbilical cord; *AIP*, anemia in pregnancy; *GD*, gestational diabetes; *GH*, gestational hypertension; *ODS*, oligohydramnios; *PREE*, preeclampsia; *SD*, standard deviation; *WTgrow*, maternal weight grows in pregnancy