

Note: This is Online Appendix 1 of Baloyi MG, Khalema R, Adam S. What do women with epilepsy know about pregnancy? S Afr Fam Pract. 2024;66(1), a5937. <https://doi.org/10.4102/safp.v66i1.5937>

Table 1–A1: Planning of future pregnancies

Par estimates		Odd ratio	Std. Error	95% Confidence Interval
Intercept		-6.643	3.019	-
Parity		-1.736	0.511	0.065 - 0.480
Knows about the interaction of AED and COC		0.988	1.008	0.373 - 19.362
Knowledge of supplements required in a pregnancy in WWE		-2.06	0.91	0.021 - 0.758
Knowledge of complications during pregnancy in WWE		0.427	0.736	0.362 - 6.475
Knowledge of AED and fetal/neonatal affectation		-3.420	1.738	0.001 - 0.986
Age (base group 36-40)	18-19	2.061	1.216	0.725 - 85.175
	20-25	2.311	1.209	0.943 - 107.769
	26-30	0.47	1.043	0.207 - 12.348
	31-35	-2.885	1.623	0.002 - 1.346
Education level	Completed secondary school	10.708	1.214	4138.156 - 482898.483
	Did not complete post school	10.556	1.471	2150.458 - 686232.919
	Tertiary	11.888	0.000	145560.75 - 145560.757
	Unemployed	-0.549	1.517	0.03 - 11.292

Employment (base group Student)	Part-time	-0.869	1.399	0.027 - 6.511
	Full-time	-1.247	1.257	0.025 - 3.376

Table 2–A1: Taking any contraceptive

		Par estimates	Odds ratio	Std. Error	95% Confidence Interval
Intercept			13.984	2.091	
Parity			0.736	0.261	1.251 - 3.48
Knows about the interaction of AED and COC			-0.825	0.899	0.075 - 2.553
Knowledge of supplements required in a pregnancy in WWE			-1.168	0.610	0.094 - 1.028
Knowledge of complications during pregnancy in WWE			-0.83	0.623	0.129 - 1.48
Knowledge of AED and fetal/neonatal affectation			0.58	1.24	0.157 - 20.281
Age (base group 36-40)	18-19		2.351	1.147	1.108 - 99.355
	20-25		2.396	1.134	1.190 - 101.344
	26-30		2.077	0.895	1.381 - 46.129
	31-35		1.301	0.951	0.569 - 23.707
Education level	Completed secondary school		-14.861	0.877	0.000 - 0.000
	Did not complete post school		-14.699	1.027	0.000 - 0.000
	Tertiary		-14.939	0.000	0.000 - 0.000
Employment (base group Student)	Unemployed		1.085	1.258	0.251 - 34.865
	Part-time		0.148	1.177	0.115 - 11.639

	Full-time	0.055	0.985	0.153 - 7.280
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Table 3–A1: Receiving of pregnancy related information

Par estimates		Odds ratio	Std. Error	95% Confidence Interval
Intercept		36.264	1888.471	
Parity		0.134	0.274	0.669 - 1.956
Knows about the interaction of AED and COC		-17.285	1888.47	0.000 – 0.000
Knowledge of supplements required in a pregnancy in WWE		-2.199	0.699	0.028 - 0.436
Knowledge of complications during pregnancy in WWE		-1.029	0.712	0.089 - 1.444
Knowledge of AED and fetal/neonatal affectation		-17.759	0.000	0.000 - 0.000
Age (base group 36-40)	18-19	0.158	1.412	0.074 - 18.625
	20-25	-0.295	1.382	0.05 - 11.166
	26-30	-0.084	1.181	0.091 - 9.314
	31-35	-1.559	1.1	0.024 - 1.816
Education level	Completed secondary school	0.032	1.175	0.103 - 10.322
	Did not complete post school	0.234	1.436	0.076 - 21.076
	Tertiary	1.168	0.000	3.216 - 3.216
Employment (base group Student)	Unemployed	1.5384	1.5230	0.235 - 92.154
	Part-time	1.2034	1.4832	0.182 - 60.968
	Full-time	0.0555	1.1522	0.111 - 10.112

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Table 4–A1: Medication continuation/effect on pregnancy

Par estimates		Odds ratio	Std. Error	95% Confidence Interval
Intercept		19.313	2.169	
Parity		-0.415	0.246	0.408 - 1.068
Knows about the interaction of AED and COC		-1.465	0.903	0.039 - 1.356
Knowledge of supplements required in a pregnancy in WWE		-1.291	0.614	0.083 - 0.917
Knowledge of complications during pregnancy in WWE		-1.042	0.616	0.106 - 1.180
Knowledge of AED and fetal/neonatal affectation		0.744	1.15	0.221 - 20.026
Age (base group 36-40)	18-19	0.059	1.111	0.120 - 9.353
	20-25	-0.205	1.102	0.094 - 7.062
	26-30	-0.044	0.885	0.169 - 5.42
	31-35	-0.528	0.884	0.104 - 3.339
Education level	Completed secondary school	-16.848	0.978	0.000 - 0.000
	Did not complete post school	-16.501	1.091	0.000 - 0.000
	Tertiary	-15.906	0.000	0.000 - 0.000
Employment (base group Student)	Unemployed	2.088	1.28	0.657 - 99.066
	Part-time	-0.238	1.141	0.084 - 7.369
	Full-time	0.557	0.95	0.271 - 11.227

Table 5–A1: Effects of epilepsy and medications on pregnancy

Par estimates		Odds Ratio	Std. Error	95% Confidence Interval
Intercept		19.639	2.504	
Parity		-0.294	0.230	0.475 - 1.169
Knows about the interaction of AED and COC		-1.518	0.884	0.039 - 1.239
Knowledge of supplements required in a pregnancy in WWE		-0.078	0.618	0.275 - 3.105
Knowledge of complications during pregnancy in WWE		-2.13	0.671	0.032 - 0.443
Knowledge of AED and fetal/neonatal affectation		0.211	1.048	0.159 - 9.627
Age (base group 36-40)	18-19	-0.856	1.112	0.048 - 3.752
	20-25	-0.299	1.074	0.090 - 6.093
	26-30	-1.334	0.873	0.048 - 1.458
	31-35	0.063	0.855	0.12 - 5.682
Education level	Completed secondary school	-14.606	0.966	0.000 - 0.000
	Did not complete post school	-14.647	1.135	0.000 - 0.000
	Tertiary	-12.783	0.000	0.000 - 0.000
Employment (base group Student)	Unemployed	-0.577	1.437	0.034 - 9.391
	Part-time	-0.926	1.415	0.025 - 6.346
	Full-time	-1.319	1.237	0.024 - 3.02

Table 6–A1: Where was the information about pregnancy-related issues obtained

Par estimates		Odds Ratio	Std. Error	95% Confidence Interval
Intercept		17.788	1.805	
Parity		-0.195	0.222	0.532 - 1.272
Knows about the interaction of AED and COC		-1.003	0.619	0.109 - 1.233
Knowledge of supplements required in a pregnancy in WWE		-0.853	0.566	0.141 - 1.292
Knowledge of complications during pregnancy in WWE		-0.341	0.480	0.277 - 1.822
Knowledge of AED and fetal/neonatal affectation		-0.844	1.054	0.055 - 3.392
Age (base group 36-40)	18-19	1.007	0.946	0.429 - 17.498
	20-25	1.576	0.903	0.824 - 28.379
	26-30	0.780	0.703	0.550 - 8.651
	31-35	0.521	0.763	0.377 - 7.51
Education level	Completed secondary school	-16.946	0.652	0.000 - 0.000
	Did not complete post school	-17.202	0.877	0.000 - 0.000
	Tertiary	-16.645	0.000	0.000 - 0.000
Employment (base group Student)	Unemployed	1.212	1.053	0.427 - 26.436
	Part-time	0.132	1.041	0.148 - 8.776
	Full-time	0.377	0.901	0.249 - 8.526