

**Table 4: Cox Proportional Hazards Model Fitting for Aim 1**

Variable	<u>Unadjusted*</u>					<u>Adjusted</u>					<u>Adjusted with interaction</u>				
	$\beta$	SE	P	HR	95% CI	$\beta$	SE	P	HR	95% CI	$\beta$	SE	P	HR	95% CI
<b>Received Depo injection at discharge</b>	-0.61	0.22	0.004	0.54	0.36-0.83	-0.66	0.22	0.003	0.52	0.34-0.80	3.39	0.81	<.001	29.63	6.05-145.14
<b>Index pregnancy was unplanned</b>	-0.66	0.23	0.004	0.52	0.33-0.81	-0.64	0.23	0.005	0.53	0.34-0.83	-0.61	0.23	0.007	0.54	0.35-0.85
<b>Physical abuse during pregnancy</b>	0.82	0.46	0.073	2.28	0.93-5.60	0.93	0.47	0.047	2.54	1.01-6.36	0.84	0.47	0.071	2.32	0.93-5.77
<b>Postpartum depression score</b>	0.30	0.07	<.001	1.34	1.18-1.53	0.27	0.07	<.001	1.31	1.14-1.50	0.29	0.07	<.001	1.33	1.16-1.53
<b>Age at entry</b>	-0.03	0.02	0.134	0.97	0.93-1.01	-0.04	0.02	0.078	0.96	0.92-1.00	-0.03	0.02	0.135	0.97	0.93-1.01
<b>Received Depo injection at discharge <math>\times</math> log(Time)</b>	–	–	–	–	–	–	–	–	–	–	-1.53	0.31	<.001	0.22	0.12-0.40

\* Unadjusted results are for separate Cox proportional hazard models including each covariate as a single predictor.

**Table 5: Cox Proportional Hazards Model Fitting for Aim 2**

Variable	<u>Unadjusted*</u>					<u>Adjusted</u>					<u>Adjusted with interaction</u>				
	$\beta$	SE	P	HR	95% CI	$\beta$	SE	P	HR	95% CI	$\beta$	SE	P	HR	95% CI
<b>Received Depo injections over time</b>	-1.80	0.33	<.001	0.17	0.09-0.32	-1.83	0.34	<.001	0.16	0.08-0.31	-1.82	0.34	<.001	0.16	0.08-0.32
<b>Maintenance (OCP, ring, patch)</b>	0.01	0.24	0.970	1.01	0.63-1.63	-0.48	0.25	0.058	0.62	0.38-1.02	-0.47	0.25	0.066	0.63	0.38-1.03
<b>Barrier (vaginal spermicide, condom, film)</b>	1.21	0.30	<.001	3.37	1.88-6.03	0.58	0.31	0.061	1.80	0.97-3.31	0.60	0.31	0.056	1.82	0.99-3.36
<b>LARC (Implanon, Norplant, Mirena, IUD)</b>	0.05	0.46	0.906	1.06	0.43-2.59	0.12	0.47	0.795	1.13	0.45-2.85	-3.05	1.82	0.093	0.05	0.001-1.66
<b>Index pregnancy was unplanned</b>	-0.73	0.21	0.001	0.48	0.32-0.73	-0.63	0.22	0.004	0.53	0.35-0.82	-0.62	0.22	0.005	0.54	0.35-0.82
<b>Physical abuse during pregnancy</b>	0.74	0.46	0.105	2.10	0.86-5.15	1.62	0.56	0.004	–	–	1.62	0.56	0.004	–	–
<b>Postpartum depression score</b>	0.33	0.06	<.001	1.39	1.23-1.57	0.28	0.07	<.001	–	–	0.28	0.07	<.001	–	–
<b>Physical abuse during pregnancy × Postpartum depression score</b>	–	–	–	–	–	-0.84	0.39	0.032	–	–	-0.83	0.39	0.035	–	–
<b>Age at entry</b>	-0.04	0.02	0.097	0.97	0.93-1.01	-0.05	0.02	0.020	0.95	0.91-0.99	-0.05	0.02	0.024	0.95	0.91-0.99
<b>LARC × Time</b>	–	–	–	–	–	–	–	–	–	–	0.23	0.10	0.029	1.25	1.02-1.53

\* Unadjusted results are for separate Cox proportional hazard models including each covariate as a single predictor.