

Group 1 Demographic factors

Regression model of infant mortality, Indigenous children

	RR	[95% CI]	<i>p</i> -value
Birth year	0.97	0.95 0.98	<.001
Sex			
Male	1.22	1.01 1.47	.040
Female*			
Maternal Indigenous status			
Indigenous	1.75	0.96 3.19	.066
Non-Indigenous*			
Socioeconomic status			
Very low (<5%)	2.06	1.31 3.25	.002
Low (6-25%)	1.93	1.24 2.99	.003
Medium (26-50%)	1.79	1.12 2.85	.015
High (51-100%)*			
Geographical remoteness			
Major cities and inner regional*			
Outer regional	1.10	0.84 1.45	.496
Remote	0.96	0.73 1.27	.793
Very remote	1.07	0.84 1.37	.578

* Reference category

Variables excluded from final multivariate model on basis of significance ($p > .05$)

Includes all other placental disorders except placenta previa.

Group 2 Baseline pregnancy risk factors

Regression model of infant mortality, Indigenous children

		RR	[95%	CI]	p-value
Multiple gestation	Yes	2.36	1.57	3.57	<.001
	No*				
Birth spacing	<18months	1.62	1.26	2.08	<.001
	Firstborn/18months+*				
Parity	Nulliparous	0.92	0.73	1.16	.486
	Parity 1-2				
	Parity 3+	1.22	0.97	1.53	.091

* Reference category

Variables excluded from final multivariate model on basis of significance ($p > .05$)

Note. Maternal age was excluded prior to multivariate analysis as highly correlated with parity, which was more significant in univariate analysis

Group 3 Pregnancy complications

Regression model of infant mortality, Indigenous children

		RR	[95%	CI]	p-value
Abruptio placentae and other disorders [#]	Yes	3.73	1.89	7.34	<.001
	No*				
Placenta previa	Yes	2.10	0.69	6.42	.193
	No*				
Premature rupture of membranes	Yes	1.72	1.21	2.42	.002
	No*				
Infection related hospitalisation in pregnancy	Yes	0.99	0.70	1.40	.937
	No*				

* Reference category

Variables excluded from final multivariate model on basis of significance ($p > .05$)

[#] Includes all other placental disorders except placenta previa

Group 4 Other maternal factors/exposures in pregnancy

Regression model of infant mortality, Indigenous children

	RR	[95%	CI]	<i>p</i> -value
Substance use related service contact in pregnancy				
Yes	1.99	1.17	3.36	.011
No*				
Hospitalisation for external causes of injury in pregnancy				
Yes	1.43	1.02	1.99	.038
No*				
Mental health related service contact in pregnancy				
Yes	0.70	0.39	1.27	.243
No*				
Sibling in contact with Child Protection in pregnancy				
Yes	1.97	1.36	2.86	<.001
No*				

* Reference category

Variables excluded from final multivariate model on basis of significance ($p > .05$)