

**Supplementary Table 1:** 2<sup>nd</sup> and 1<sup>st</sup> Generation mothers of South Asian ethnicity and Canadian-born mothers - frequencies of male and female births (M/F) and sex ratios (M:F) with 95% confidence intervals for live births with no previous abortions at and least one previous abortion stratified by sex of the preceding live birth

Sex of preceding live birth(s)	No Previous Abortions		≥ 1 Previous Abortion	
	n M/F	M:F (95% CI)	n M/F	M:F (95% CI)
<i>2<sup>nd</sup> Generation - South Asian Ethnicity, Canadian-born (N=10,273)</i>				
No previous birth	2317/2148	1.08 (1.02-1.14)	652/650	1.00 (0.90-1.12)
1 girl	817/797	1.03 (0.93-1.13)	57/53	1.08 (0.74-1.56)
1 boy	851/821	1.04 (0.94-1.14)	79/79	1.00 (0.73-1.37)
2 girls	123/128	0.96 (0.75-1.23)	28/10	2.80 (1.36-5.76)
2 boys	111/134	0.83 (0.64-1.07)	11/20	0.55 (0.26-1.15)
1 girl, 1 boy	163/167	0.98 (0.79-1.21)	26/31	0.84 (0.50-1.41)
<i>1<sup>st</sup> Generation - South Asian Ethnicity, born in South Asian Countries (N=36,687)</i>				
No previous birth	9544/9352	1.02 (0.99-1.05)	920/864	1.06 (0.97-1.17)
1 girl	2834/2748	1.03 (0.98-1.09)	592/508	1.17 (1.04-1.31)
1 boy	2757/2576	1.07 (1.01-1.13)	530/459	1.15 (1.02-1.31)
2 girls	553/389	1.42 (1.25-1.62)	231/94	2.46 (1.93-3.12)
2 boys	225/243	0.93 (0.77-1.11)	64/44	1.45 (0.99-2.14)
1 girl, 1 boy	495/428	1.16 (1.02-1.32)	121/116	1.04 (0.81-1.35)
<i>1<sup>st</sup> Generation - South Asian Ethnicity, born in non-South Asian Countries (N=4,819)</i>				
No previous birth	1056/1016	1.04 (0.95-1.13)	342/337	1.01 (0.87-1.18)
1 girl	358/344	1.04 (0.90-1.21)	78/58	1.34 (0.96-1.89)
1 boy	347/345	1.01 (0.87-1.17)	66/56	1.18 (0.83-1.68)
2 girls	42/54	0.78 (0.52-1.16)	*/*	*
2 boys	51/52	0.98 (0.67-1.44)	9/13	0.69 (0.30-1.62)
1 girl, 1 boy	64/86	0.74 (0.54-1.03)	23/13	1.77 (0.90-3.49)
<i>South Asian Ethnicity, unknown generation and birthplace (N=7,880)</i>				
No previous birth	2117/2046	1.03 (0.97-1.10)	217/240	0.90 (0.75-1.09)
1 girl	599/547	1.10 (0.98-1.23)	84/85	0.99 (0.73-1.34)
1 boy	511/565	0.90 (0.80-1.02)	98/90	1.09 (0.82-1.45)
2 girls	119/79	1.51 (1.13-2.00)	32/14	2.29 (1.22-4.28)
2 boys	55/64	0.86 (0.60-1.23)	16/8	2.00 (0.86-4.67)
1 girl, 1 boy	107/118	0.91 (0.70-1.18)	37/32	1.16 (0.72-1.86)
<i>Canadian – Non-South Asian Ethnicity, Canadian-born (N=930,982)</i>				
No previous birth	219719/209046	1.05 (1.04-1.06)	43409/41743	1.04 (1.03-1.05)
1 girl	74504/71652	1.04 (1.03-1.05)	5544/5385	1.03 (0.99-1.07)
1 boy	79982/74693	1.07 (1.06-1.08)	5824/5480	1.06 (1.02-1.10)
2 girls	11637/11110	1.05 (1.02-1.08)	908/910	1.00 (0.91-1.09)
2 boys	13643/12562	1.09 (1.06-1.11)	988/969	1.02 (0.93-1.11)
1 girl, 1 boy	19516/18258	1.07 (1.05-1.09)	1759/1741	1.01 (0.95-1.08)

\*suppressed due to counts < 5