

Birth order distributions and odds ratios for breast cancer among white and African-American women by race

	Minimally adjusted OR ^a								Fully adjusted OR ^b							
	African-American				White				African-American				White			
	Case	Control	OR	95% CI	Case	Control	OR	95% CI	Case	Control	OR	95% CI	Case	Control	OR	95% CI
Full CBCS ^c	n = 331	n = 329			n = 523	n = 456			n = 331	n = 329			n = 523	n = 456		
1st born (ref.)	106	103	Ref.		191	165	Ref.		106	103	Ref.		191	165	Ref.	
2nd-4th born	142	151	0.8	0.6-1.2	264	226	1.0	0.7-1.3	142	151	0.8	0.6-1.2	264	226	1.0	0.7-1.3
≥5th born	83	75	1.0	0.7-1.5	68	65	1.0	0.7-1.5	83	75	1.0	0.7-1.5	68	65	1.0	0.7-1.5
Mean ± SD	3.6 ± 2.7	3.3 ± 2.7			2.6 ± 1.9	2.6 ± 2.0										
Median	2.0	3.3			2.0	2.0										
Range	1-14	1-14			1-12	1-11										
Born ≥1948 ^{d,e}	n = 129	n = 134			n = 233	n = 181			n = 101	n = 109			n = 164	n = 115		
1st born (ref.)	37	41	Ref.		80	67	Ref.		29	31	Ref.		55	45	Ref.	
2nd-4th born	56	61	1.0	0.5-1.7	138	97	1.2	0.8-1.9	46	50	0.7	0.4-1.5	98	59	1.0	0.6-1.8
≥5th born	36	32	1.2	0.6-2.3	15	17	0.7	0.3-1.6	26	28	0.7	0.3-1.6	11	11	0.5	0.2-1.5
Mean ± SD	3.6 ± 2.7)	3.3 ± 2.6)			2.3 ± 1.5)	2.3 ± 1.6)										
Median	3.0	2.5			2.0	2.0										
Range	1-14	1-14			1-10	1-11										

¹Adjusted for age and sampling fractions. ²Adjusted for age, sampling fractions, and other covariates as specified. ³Additional covariates for fully adjusted OR: none. ⁴Additional covariates for fully adjusted OR: adult body mass index >25 kg/m², household income ≥\$30,000 and maternal age. ⁵Restricted to participants born on or after 1 January 1948. CBCS, Carolina Breast Cancer Study; CI, confidence interval; OR, odds ratio.