

Table S1. Comparison between TP and FP, number of births and TOP in SCA cases.

	Cases with TP(n)	Cases with FP(n)	Number of births(n)	Number of TOP(n)
45, X	37	167	216	38
47, XXX	37	26	58	17
47, XXY	110	26	47	101
47, XYY	42	17	63	11
Total	226	236	384	167
χ^2	147.09		139.59	
P	<2.2E-16		<2.2E-16	

Abbreviation: TP: true positive ; FP : false positive ; TOP: The termination of pregnancy; SCA: Sex chromosome aneuploidy.

Table S2. Pairwise comparison of four types of SCA cases with TP and FP.

Number	Type	Cases with TP(n)	Cases with FP(n)	χ^2	P
1	45, X	37	167	37.59	8.727E-10
	47, XXX	37	26		
2	45, X	37	167	128.35	< 2.2E-16
	47, XXY	110	26		
3	45, X	37	167	58.786	1.758E-14
	47, XYY	42	17		
4	47, XXX	37	26	9.8282	0.001719
	47, XXY	110	26		
5	47, XXX	37	26	1.5614	0.2115
	47, XYY	42	17		
6	47, XXY	110	26	1.7218	0.1895
	47, XYY	42	17		

Abbreviation: TP: true positive ; FP : false positive ; SCA: Sex chromosome aneuploidy.

Table S3. Pairwise comparison of four types of SCA cases with number of births and TOP.

Number	Type	Number of births(n)	Number of TOP(n)	χ^2	P
1	45, X	216	38	1.9472	0.1629
	47, XXX	58	17		
2	45, X	216	38	115.02	< 2.2E-16
	47, XXY	47	101		
3	45, X	216	38	2.3368E-31	1
	47, XYY	63	11		
4	47, XXX	58	17	39.69	9.76E-08
	47, XXY	47	101		
5	47, XXX	58	17	1.0184	0.3129
	47, XYY	63	11		
6	47, XXY	47	101	54.115	1.891E-13
	47, XYY	63	11		

Abbreviation: TOP: The termination of pregnancy.