

Supplementary Table 1. Summary of previous findings of air pollution and spontaneous pregnancy loss studies by pollutant and exposure type.

Author	Pollutant							Acute Exposure	Chronic Exposure
	PM	NO2	O3	SO2	CO	CS2	H2S		
Green									+
Di Ciaula	+	--	+						+
Dastoorpoor	--	--	--	+	--			--	+
Hemminki					--	--	--		+
Ha	+	--	+	--	--			+	+
Moridi	+	+	+	--	+				+
Hou	--	--		+					+
Enkhmaa	+	+	--	+	+				+
Periera	--	+	--	--	--			+	

+ = positive association

-- = tested, but no significant association

Blank squares indicate pollutant was not tested

Supplementary Table 3. Results of testing for effect modification of association between short term

Air pollutant metric	estimate	lcl	ucl	P _{interaction}
Average 3 day PM2.5 (µg/m3)	1.121739	0.99914	1.25937	0.49403
Average 7 day PM2.5 (µg/m3)	1.149113	0.99115	1.33224	0.50606
Maximum value 3 day PM2.5 (µg/m3)	1.08241	0.98883	1.18484	0.58739
Maximum value 7 day PM2.5 (µg/m3)	1.026013	0.93935	1.12067	0.68859
Average 3 day NO2 (ppb)	1.055928	0.92082	1.21086	0.69763
Average 7 day NO2 (ppb)	1.123322	0.9416	1.34011	0.67994
Maximum value 3 day NO2 (ppb)	1.026628	0.90968	1.15862	0.69756
Maximum value 7 day NO2 (ppb)	0.997024	0.87706	1.13339	0.06022
Average 3 day O3 (ppb)	1.00048	0.98921	1.01187	0.62213
Average 7 day O3 (ppb)	1.001421	0.98797	1.01505	0.80853
Maximum value 3 day O3 (ppb)	1.001201	0.99072	1.01179	0.72805
Maximum value 7 day O3 (ppb)	1.001792	0.9897	1.01403	0.87313

exposure to air pollutants and spontaneous pregnancy loss by Hispanic ethnicity.