

Appendix 3. Covariates used for statistical adjustment

Author	Year	Maternal preconception status									Maternal clinical status				Foetus characteristics					Total number of covariates				
		Ethnicity/Race	Educational level	Marital status	Economic status	Insurances status	Urban status	Weight	Height	Body mass index	Age	Parity	Previous caesarean section	Pre-existing (before pregnancy) conditions	Conditions developed during pregnancy	Gestational age	Birth weight	Other characteristics	Prenatal care		Birth characteristics	Provider characteristics	Other variables	
Stafford*	1990																						0	
Haas et al. A*	1993																							0
Haas et al. B*	1993																							0
Braveman et al.	1995	+	+	+	+	+				+			+			+	+	+	+	++	+		15	
Burns et al.	1995	+	+							+	+	+		++	+	+	++	+		++	++		33	
Aron et al.	2000									+	+		++	++	++	++	++			++	++		39	
Grant A	2005	++	+	+	+		+	+	+	++		+	++	++	+	++	++	++		++	++	++	68	
Grant B	2005	++					+			++		+	++	++	+	++	++	+		++	+		31	
Grant C	2005	++					+			++		+	++	++	+	++	++	+		++	+		31	
Korst et al.	2005	+								+										++			6	
Misra	2008	+								++			++	++			++		+	++	++		30	
Coonrod et al.	2008	+	+							+			++	+	+	+	+	+	++	++			20	
Huesch	2011	+		+			+			+										+	++		8	
Movsas et al.	2012	+								+	+		+		+	+	+				+		9	
Kozhimannil et al.	2013	+								+	+	+	++	++	+		++			++	++		16	
Lutomski et al.	2014									+		+	++	+			+			++	++		6	
Huesch et al.	2014	+			+					+			++	++	+		++	+	++	++	++	++	124	
Henke et al.	2014	+	+		+					+			++	++		+			++	++	++	++	28	
Bannister-Tyrrell et al.	2015										+	+	++	++	+		+		++	+	+		12	
Sebastião et al.	2016																				+	+	0	
Sentell et al. *	2016	+								+	+			+							+	+	6	

+ One covariate adjusted for ++ Two or more covariates adjusted for

*Stafford, Haas et al. and Sebastião et al. only reported crude estimates.