

## Appendix 4. Covariates used for statistical adjustment

Author	Maternal preconception status											Maternal clinical characteristics			Foetus characteristics				Prenatal care	Birth characteristics	Provider characteristics	Other variables	Total number of covariates adjusted for
	Ethnicity	Education level	Marital status	Economic status	Employment	Insurances status	Urban versus rural	Geographic origin	Spoken language	Body mass index	Maternal age	Parity	Previous caesarean section	Pre-existing (before pregnancy) conditions	Conditions developed during pregnancy	Gestational age	Birth weight	Number of live births					
Braveman et al.	+	+	+	+		+			+	+			+			+		+	+	++		15	
Naiditch et al.										+	+										+	3	
Gomes et al. A		+	+	+	++	+				+	+		++		+	+			+	+	+	16	
Gomes et al. B		+	+	+	++	+				+	+		++		+	+			+	++	+	18	
Gonzalez-Perez et al.																						0	
Korst et al.	+					+				+										+	++	7	
Mossialos et al.																						0	
Carayol et al. A		+								+	+				+	+				+	+	7	
Carayol et al. B		+					+			+	+											4	
Xirasagar and Lin										+											+	2	
Coonrod et al.	+	+				+				+			++	+	+	+		+	+	+	++	20	
Coulm et al.		+					+		+	+	+				+	+				+	8		
Huesch et al.	+			+		+				+			++	++	+			++	+	++	++	++	124
Raifman et al. A																						0	
Raifman et al. B																						0	
Schemann et al.																						0	
Sebastião et al.																						0	

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

Gonzales-Perez et al, Mossialos et al, Raifman et al, Schemann et al and Sebastião et al only reported crude estimates.