

Supplementary Appendix

This appendix was provided by the authors to give readers additional information about their work.

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Table S1. Antibiotic Therapy.

ATC codes	Antibiotic classes
J01A	Tetracyclines
J01B	Amphenicols
J01C	Beta-lactam antibacterials, penicillins
J01D	Other beta-lactam antibacterials
J01E	Sulfonamides and trimethoprim
J01F	Macrolides, lincosamides and streptogramins
J01G	Aminoglycoside antibacterials
J01M	Quinolone antibacterials
J01R	Combinations of antibacterials
J01X	Other antibacterials

ATC, Anatomical Therapeutic Chemical

Table S2. ICD-9 Diagnostic codes used to identify neonatal outcomes.

ICD-9 Diagnosis and Procedure Codes	
Delivery	
ICD-9 Diagnosis	V27.xx; 640.xx – 676.xx
ICD-9 Procedure	73.2x; 73.5x; 73.6; 73.8; 73.9x; 72.xx; 74.0 – 74.2; 74.4
Placenta abruption	
ICD-9 Diagnosis	762.1; 641.2
Premature rupture of membranes	
ICD-9 Diagnosis	658.1; 658.2; 761.1

ICD-9, International Classification of Diseases, Ninth Revision

Table S3. Distribution of neonatal outcomes.

Preterm Birth	Low Birth Weight	Small for Gestational Age	Low Apgar Score at 5 min.	N	(%)
				485,753	(88.47)
				1602	(0.29)
				25,051	(4.56)
				130	(0.02)
				995	(0.18)
				3	(0.00)
				11,824	(2.15)
				86	(0.02)
				11,661	(2.12)
				108	(0.02)
				8652	(1.58)
				361	(0.07)
				2750	(0.50)
				105	(0.02)

Table S4. Missing percentage among the selected cohort. Lombardy region, 2007–2017.

Missing (%)		
	Users	Non users
Marital status	1.51	1.26
Employment status	0.34	0.29
Educational attainment	0.72	0.61
Nationality	3.37	3.15