

Table S1. Excluded studies by duplicate cases

Author	Reference	Journal	Country	City	Data source	Number of women	Period of admission ("recruitment")	Date of publication	Title of publication
Duplicate cases of China									
Liu W <i>et al.</i>	49	PrePrints	China	Wuhan	Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology	3	02/02/2020-13/02/2020	2/25/20	Coronavirus disease 2019 (COVID-19) during pregnancy: a case series
Wang S <i>et al.</i>	50	Clinical Infectious Diseases	China	Wuhan	Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology	1	2/1/20	3/12/20	A Case Report of Neonatal 2019 Coronavirus Disease in China
Yu N <i>et al.</i>	51	The Lancet Infectious Diseases	China	Wuhan	Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology	7	01/01/2020 - 08/02/2020	3/24/20	Clinical features and obstetric and neonatal outcomes of pregnant patients with COVID-19 in Wuhan, China: a retrospective, single-centre, descriptive study
Yu N <i>et al.</i>	52	Progress in Modern Obstetrics and Gynecology	China	Wuhan	Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology	23	01/01/2020 - 18/02/2020	3/5/20	The perinatal outcome of late pregnancy complicated with new coronary pneumonia
Yu N <i>et al.</i>	53	Lancet	China	Wuhan	Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology	2	01/01/2020 - 08/02/2020	4/22/20	No SARS-CoV-2 detected in amniotic fluid in mid-pregnancy
Liu W <i>et al.</i>	54	Frontiers of Medicine	China	Wuhan	Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology	10	31/01/2020 to 29/02/2020	4/13/20	Clinical characteristics of 19 neonates born to mothers with COVID-19
Chen B <i>et al.</i>	55	Canadian Journal of Anesthesia	China	Wuhan	Renmin Hospital of Wuhan University	17	30/01/2020 - 23/02/2020	3/16/20	Safety and efficacy of different anesthetic regimens for parturients with COVID-19 undergoing Cesarean delivery: a case series of 17 patients
Khan S <i>et al.</i>	56	Infection Control and Hospital Epidemiology	China	Wuhan	Renmin Hospital of Wuhan University	3	28/01/2020 - 01/03/2020	3/19/20	Impact of COVID-19 infection on pregnancy outcomes and the risk of maternal-to-neonatal intrapartum transmission of COVID-19 during natural birth
Fan <i>et al.</i>	57	Clinical Infectious Diseases	China	Wuhan	Renmin Hospital of Wuhan University	2	25/1/2020 and 26/01/2020	3/17/20	Perinatal Transmission of COVID-19 Associated SARS-CoV-2: Should We Worry?
Khan S <i>et al.</i>	58	Clinical Microbiology and Infection	China	Wuhan	Renmin Hospital of Wuhan University	17	25/01/2020 to 15/02/2020	4/8/20	Association of COVID-19 infection with pregnancy outcomes in healthcare workers and general women
Chen S <i>et al.</i>	59	Journal of Medical Virology	China	Wuhan	Maternal and Child Health Hospital of Hubei Province, Tongji Medical College, Huazhong University of Science and Technology, Wuhan	5	20/01/2020 to 10/02/2020	3/28/20	Clinical analysis of pregnant women with 2019 novel coronavirus pneumonia
Yang H <i>et al.</i>	60	Journal of Infection	China	Wuhan	Maternal and Child Health Hospital of Hubei Province, Tongji Medical College, Huazhong University of Science and Technology, Wuhan	13	20/01/2020 to 05/03/2020	4/20/20	Clinical features and outcomes of pregnant women suspected of coronavirus disease 2019
Wu C <i>et al.</i>	61	Virologica Sinica	China	Wuhan	Maternal and Child Health Hospital of Hubei Province, Tongji Medical College, Huazhong University of Science and Technology, Wuhan	8	23/01/2020 to 10/02/2020	4/20/20	Clinical Manifestation and Laboratory Characteristics of SARS-CoV-2 Infection in Pregnant Women
Chen S <i>et al.</i>	62	Zhonghua Bing Li Xue Za Zhi (Chinese Journal of Pathology)	China	Wuhan	Union Hospital, Tongji Medical College, Huazhong University of Science and Technology	2	21/01/2020 to 04/02/2020	3/3/20	Pregnant women with new coronavirus infection: a clinical characteristics and placental pathological analysis of three cases
Chen Y <i>et al.</i>	63	Frontiers in Pediatrics	China	Wuhan	Union Hospital, Tongji Medical College, Huazhong University of Science and Technology	4	-	2/28/20	Infants Born to Mothers with a New Coronavirus (COVID-19)
Liu D <i>et al.</i>	64	American Journal of Roentgenology	China	Wuhan	Union Hospital, Tongji Medical College, Huazhong University of Science and Technology	15	20/01/2020 - 10/02/2020	3/19/20	Pregnancy and Perinatal Outcomes of Women With Coronavirus Disease (COVID-19) Pneumonia: A Preliminary Analysis
Chen H <i>et al.</i>	65	Lancet	China	Wuhan	Zhongnan Hospital of Wuhan University	9	20/01/2020 to 31/01/2020	3/7/20	Clinical characteristics and intrauterine vertical transmission potential of COVID-19 infection in nine pregnant women: a retrospective review of medical records
Yang P <i>et al.</i>	66	Journal of Clinical Virology	China	Wuhan	Zhongnan Hospital of Wuhan University	7	20/01/2020 to 29/01/2020	4/10/20	Clinical characteristics and risk assessment of newborns born to mothers with COVID-19
Huang J-w	67	Journal of Zhejiang University-SCIENCE B	China	Hangzhou	The First Affiliated Hospital, College of Medicine, Zhejiang University	1	2/6/20	4/1/20	Dialectical behavior therapy-based psychological intervention for woman in late pregnancy and early postpartum suffering from COVID-19: a case report
Li Y <i>et al.</i>	68	Emerging Infectious Diseases	China	Hangzhou	The First Affiliated Hospital, College of Medicine, Zhejiang University	1	2/6/20	3/6/20	Lack of Vertical Transmission of Severe Acute Respiratory Syndrome Coronavirus 2, China
Kang X <i>et al.</i>	69	Journal of Zhejiang University (Medical Edition)	China	Hangzhou	The First Affiliated Hospital, College of Medicine, Zhejiang University	1	2/6/20	3/14/20	2019 Coronary Virus Disease (COVID-19) A Case of Cesarean Section Anesthesia for Pregnant Women
Wu X <i>et al.</i>	70	International Journal of Gynecology & Obstetrics	China	Wuhan	The Central Hospital of Wuhan	23	31/12/2019 - 07/03/2020	4/8/20	Radiological findings and clinical characteristics of pregnant women with COVID-19 pneumonia
Xia H <i>et al.</i>	71	British Journal of Anaesthesia	China	Wuhan	Wuhan Red Cross Hospital	1	20/01/2020 - 24-01/2020	3/17/20	Emergency Caesarean delivery in a patient with confirmed coronavirus disease 2019 under spinal anaesthesia.
Chen L <i>et al.</i>	72	New England Journal of Medicine	China	Wuhan	Multicentric	84	December 8, 2019, to March	4/17/20	Clinical Characteristics of Pregnant Women with Covid-19 in Wuhan, China
Liu Y <i>et al.</i>	73	Journal of Infection	China	multi cities	Multicentric	13	08/12/2019 to 25/02/2020	3/5/20	Clinical manifestations and outcome of SARS-CoV-2 infection during pregnancy
Zhu <i>et al.</i>	74	Translational Pediatrics	China	Wuhan, TX	Multicentric	8	20/01/2020 to 5/02/2020	3/11/20	Clinical analysis of 10 neonates born to mothers with 2019-nCoV pneumonia
Duplicate cases of USA									
Breslin <i>et al.</i>	75	American Journal of Obstetrics and Gynecology	USA	New York	Columbia University Irving Medical Center	7	3/18/20	3/27/20	COVID-19 in pregnancy: early lessons
Sutton <i>et al.</i>	76	New England Journal of Medicine	USA	New York	New York-Presbyterian Allen Hospital and Columbia University Irving Medical Center.	1	22/03/2020 - 04/04/2020	4/13/20	Universal Screening for SARS-CoV-2 in Women Admitted for Delivery

Table S2. General characteristics of included studies

First author	Journal	Country	City	Study type	Number of patient	Date of publication	Reference
Wang X <i>et al.</i>	Clinical Infectious Diseases	China	Suzhou	Case report	1	2/28/20	26
Zhang L <i>et al.</i>	Chinese Journal of Obstetrics and Gynecology	China	Wuhan	Case-control	16	3/9/20	13
Li N <i>et al.</i>	Clinical Infectious Diseases	China	Wuhan	Case-control	16	3/13/20	14
Wen Q <i>et al.</i>	Journal of Microbiology, Immunology and Infection	China	Qingdao	Case report	1	3/17/20	27
Chen X <i>et al.</i>	Journal of Zhejiang University (Medical Edition)	China	Hangzhou	Case series	3	3/19/20	32
Liu H <i>et al.</i>	Journal of Infection	China	Wuhan	Case-control	16	3/21/20	15
Zambrano L <i>et al.</i>	Travel Medicine and Infectious Disease	Honduras	Tegucigalpa	Case report	1	3/25/20	28
Indraccolo <i>et al.</i>	Recenti progressi in medicina	Italy	Umbria	Case report	1	25/03/2020	29
Liao X <i>et al.</i>	Balkan Medical Journal	China	Chongqing	Case report	1	3/26/20	30
Dong L <i>et al.</i>	JAMA	China	Wuhan	Case report	1	3/26/20	48
Zeng L <i>et al.</i>	JAMA Pediatrics	China	Wuhan	Case series	6	3/26/20	24
Zeng H <i>et al.</i>	JAMA	China	Wuhan	Case series	6	3/26/20	25
Lee D <i>et al.</i>	Korean Journal of Anesthesiology	South Korea	Daegu	Case report	1	3/31/20	31
Gu Z <i>et al.</i>	Chinese Family Planning and Obstetrics and Gynecology	China	Shaanxi	Case report	1	4/1/20	32
Huang L <i>et al.</i>	Revista Médica del Ejército Popular de Liberación	China	Wuhan	Case report	1	4/1/20	33
Juusela A <i>et al.</i>	American Journal of Obstetrics & Gynecology MFM	USA	New Jersey	Case series	2	03/04/2020	19
Gidlöf S <i>et al.</i>	Acta obstetrica et gynecologica Scandinavica	Sweden	Stockholm	Case report	1	06/04/2020	34
Kleinwechter <i>et al.</i>	Der Diabetologe	Germany	Freiburg	Case report	1	06/04/2020	35
Kalafat E <i>et al.</i>	Ultrasound in Obstetrics & Gynecology	Turkey	Ankara	Case report	1	06/04/2020	36
Ferrazzi EM <i>et al.</i>	International Journal of Gynecology & Obstetrics	Italy	Milan	Case series	42	08/04/2020	18
Breslin N <i>et al.</i>	American Journal of Obstetrics & Gynecology MFM	USA	New York	Case series	43	09/04/2020	17
Xiong X <i>et al.</i>	Journal of medical virology	China	Beijing	Case report	1	10/04/2020	37
Karami P <i>et al.</i>	Travel medicine and infectious disease	Iran	Zanjan	Case report	1	11/04/2020	38
Peng Z <i>et al.</i>	Journal of Infection and Public Health	China	Chongqing	Case report	1	11/04/2020	39
Schnettler <i>et al.</i>	American Journal of Obstetrics & Gynecology MFM	USA	Ohio	Case report	1	4/14/20	40
Lowe B <i>et al.</i>	Australian and New Zealand Journal of Obstetrics and Gynaecology	Australia	Southport	Case report	1	4/15/20	41
Iqbal SN <i>et al.</i>	New England Journal of Medicine	USA	Washington	Case report	1	4/16/20	42
Gonzales R <i>et al.</i>	Revista Clínica Española	Spain	Gran Canaria	Case report	1	4/17/20	43
Vlachodimitropoulou <i>et al.</i>	Journal of Thrombosis and Haemostasis	Canada	Toronto	Case series	2	4/17/20	20
Alzamora M <i>et al.</i>	American Journal of Perinatology	Peru	Lima	Case report	1	18/04/2020	44
Sharma <i>et al.</i>	International Journal of Gynecology & Obstetrics	India	New Delhi	Case report	1	4/23/20	45
Yan J <i>et al.</i>	American Journal of Obstetrics and Gynecology	China	Wuhan	Case series	65	4/23/20	22
Browne <i>et al.</i>	American Journal of Perinatology	USA	West Columbia	Case report	1	4/24/20	46
Lu D <i>et al.</i>	Journal of medical virology	China	Hefei	Case report	1	4/24/20	47
Vintzileos <i>et al.</i>	American Journal of Obstetrics & Gynecology	USA	New York	Case series	32	4/26/20	21
Qiancheng X <i>et al.</i>	International Journal of Infectious Diseases	China	Wuhan	Case-control	28	4/27/20	16
NVOG	Dutch Association for Obstetrics and Gynecology Web page: https://www.nvog.nl/actueel/registratie-van-covid-19-positieve-zwangeren-in-nethoss/	Netherlands	-	Governmental report	111	5/1/20	10

Table S3a. Quality assessment of case series and case reports with modified Newcastle Ottawa scale

Author	Reference	Question 1 : Did the patient(s) represent the whole case(s) of the medical center?		Question 2: Was the diagnosis correctly made?		Question 3: Was the other important diagnosis excluded?		Question 4: Were all the important data cited in the report?		Question 5: Was the outcome correctly ascertained?		Puntaje	Methodological quality (a)
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No		
Wang X <i>et al.</i>	26	Yes		Yes		Yes		Yes		Yes		5	GOOD
Wen Q <i>et al.</i>	27	Yes		Yes			No	Yes		Yes		4	MODERATE
Chen X <i>et al.</i>	32	Yes		Yes			No	Yes		Yes		4	MODERATE
Zambrano L <i>et al.</i>	28	Yes		Yes			No	Yes		Yes		4	MODERATE
Indraccolo <i>et al.</i>	29	Yes		Yes			No	Yes		Yes		4	MODERATE
Liao X <i>et al.</i>	30	Yes		Yes			No	Yes		Yes		4	MODERATE
Dong L <i>et al.</i>	48	Yes		Yes			No	Yes		Yes		4	MODERATE
Zeng L <i>et al.</i>	24	Yes		Yes			No	Yes		Yes		4	MODERATE
Zeng H <i>et al.</i>	25	Yes		Yes			No		No	Yes		3	POOR
Lee D <i>et al.</i>	31	Yes		Yes			No	Yes		Yes		4	MODERATE
Gu Z <i>et al.</i>	32	Yes			No		No	Yes		Yes		3	POOR
Huang L <i>et al.</i>	33	Yes			No		No	Yes		Yes		3	POOR
Juusela A <i>et al.</i>	19	Yes		Yes			No	Yes		Yes		4	MODERATE
Gidlöf S <i>et al.</i>	34	Yes		Yes			No	Yes		Yes		4	MODERATE
Kleinwechter <i>et al.</i>	35	Yes		Yes			No	Yes		Yes		4	MODERATE
Kalafat E <i>et al.</i>	36	Yes		Yes			No	Yes		Yes		4	MODERATE
Ferrazzi EM <i>et al.</i>	18	Yes		Yes			No		No	Yes		3	POOR
Breslin N <i>et al.</i>	17	Yes		Yes			No	Yes		Yes		4	MODERATE
Xiong X <i>et al.</i>	37	Yes		Yes			No	Yes		Yes		4	MODERATE
Karami P <i>et al.</i>	38	Yes		Yes			No	Yes		Yes		4	MODERATE
Peng Z <i>et al.</i>	39	Yes		Yes			No	Yes		Yes		4	MODERATE
Schnettler <i>et al.</i>	40	Yes		Yes			No	Yes		Yes		4	MODERATE
Lowe B <i>et al.</i>	41	Yes		Yes			No	Yes		Yes		4	MODERATE
Iqbal SN <i>et al.</i>	42	Yes		Yes			No	Yes		Yes		4	MODERATE
Gonzales R <i>et al.</i>	43	Yes		Yes			No	Yes		Yes		4	MODERATE
Vlachodimitropoulou	20	Yes		Yes		Yes		Yes		Yes		5	GOOD
Alzamora M <i>et al.</i>	44	Yes		Yes			No	Yes		Yes		4	MODERATE
Sharma <i>et al.</i>	45	Yes			No		No		No	Yes		2	POOR
Yan J <i>et al.</i>	22	Yes		Yes			No	Yes		Yes		4	MODERATE
Browne <i>et al.</i>	46	Yes		Yes		Yes		Yes		Yes		5	GOOD
Lu D <i>et al.</i>	47	Yes		Yes			No	Yes		Yes		4	MODERATE
Vintzileos <i>et al.</i>	21	Yes		Yes			No		No	Yes		3	POOR
Total: 32 studies		32	0	29	3	3	29	28	4	32	0		GOOD 3 MODERATE 23 POOR 6

(a) Methodological quality: 5 points (GOOD), 4 points (MODERATE) and 3 points or less (POOR)

Table S3b. Quality assessment of case-control studies with Newcastle Ottawa scale

Author	Reference	Selection				Comparability	Exposure			Total stars
		Is the case definition adequate?	Representativeness of the Cases	Selection of Controls	Definition of Controls		Ascertainment of exposure	Same method of ascertainment for cases and controls	Non-Response rate	
Li N <i>et al.</i>	14	★	★	☆	★	★★	★	★	★	8
Liu H <i>et al.</i>	15	★	★	☆	★	★☆	★	★	☆	6
Zhang L <i>et al.</i>	13	★	★	☆	★	★☆	★	★	★	7
Qiancheng X <i>et al.</i>	16	★	★	☆	★	★★	★	★	★	8

Table S6. Laboratory and imaging characteristics of pregnant women with COVID-19 infection

Author	Reference	Number of pregnant women	Laboratory														CT evidence of pneumonia ^a	Chest CT imaging characteristics					Chest Radiography Evidence of pneumonia	Lung ultrasound Evidence of pneumonia
			Leucocytosis	Leukopenia	Lymphopenia	Trombocytopenia	High AST ^a	High ALT ^b	High Creatinine	High Creatine kinase	Anemia	High C-reactive protein	High bilirubin	Erythrocyte sedimentation rate elevated	Serum ferritin	High IL-6		High IL-10	Unilateral pneumonia	Bilateral pneumonia	Ground-glass opacity	Consolidation		
Wang X <i>et al.</i>	26	1	1	0	1	-	0	0	0	-	-	1	-	-	-	1	0	1	1	1	0	-	-	
Wen Q <i>et al.</i>	27	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	1	1	1	1	-	-	
Chen X <i>et al.</i>	32	3	0	0	2	-	0	0	0	-	-	3	-	-	-	3	0	3	3	1	0	-	-	
Zambrano L <i>et al.</i>	28	1	1	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indraccolo <i>et al.</i>	29	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Liao X <i>et al.</i>	30	1	0	0	1	-	-	-	-	-	-	-	-	-	-	1	0	1	1	1	1	-	-	
Lee D <i>et al.</i>	31	1	-	-	-	-	-	-	-	-	-	0	-	-	-	1	1	0	1	0	0	-	-	
Gu Z <i>et al.</i>	32	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	1	0	0	-	
Huang L <i>et al.</i>	33	1	0	0	1	-	-	-	-	-	-	-	-	-	-	-	1	0	1	0	1	0	-	
Jusef A <i>et al.</i>	19	2	-	-	-	0	1	1	-	-	-	-	-	-	0	-	-	-	-	-	-	2	-	
Gidiot S <i>et al.</i>	34	1	0	0	0	0	0	0	-	0	1	-	-	-	-	1	-	-	-	-	-	-	-	
Kleinwechter <i>et al.</i>	35	1	0	0	1	1	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	
Kalafat E <i>et al.</i>	36	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	0	0	1	
Ferrazzi EM <i>et al.</i>	18	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Breslin N <i>et al.</i>	17	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kiang X <i>et al.</i>	37	1	1	0	0	-	0	0	-	0	-	1	-	-	-	0	-	-	-	-	-	1	-	
Karant P <i>et al.</i>	38	1	0	1	1	1	1	1	1	1	1	1	-	-	-	-	0	1	1	1	1	1	-	
Peng Z <i>et al.</i>	39	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	1	1	1	0	-	
Schnettler <i>et al.</i>	40	1	0	0	1	-	-	-	-	-	-	-	-	-	-	1	0	1	1	1	0	1	1	
Lowe B <i>et al.</i>	41	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iqbal SN <i>et al.</i>	42	1	0	0	1	0	0	1	0	-	1	0	-	-	-	-	-	-	-	-	-	1	-	
Gonzales R <i>et al.</i>	43	1	1	0	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	
Vlachodimitropoulou e	20	2	0	1	2	2	2	1	-	1	0	2	0	-	-	2	-	-	-	-	-	0	-	
Alzamor M <i>et al.</i>	44	1	0	1	1	1	-	-	-	-	1	1	-	-	1	-	1	0	1	0	1	1	-	
Sharma <i>et al.</i>	45	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yan J <i>et al.</i>	22	65	3	20	38	-	3	4	0	-	-	32	-	-	-	-	-	-	53	-	-	-	-	
Browne <i>et al.</i>	46	1	1	0	0	0	-	-	-	-	-	-	-	-	-	61	-	-	-	-	-	-	-	
Lu D <i>et al.</i>	47	1	1	0	1	0	0	0	0	0	1	1	0	-	-	-	1	0	1	0	0	1	-	
Vintzileos <i>et al.</i>	21	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NVOG	10	111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

^a AST: Alanine aminotransferase; ^b ALT: Aspartate aminotransferase; c CT: Computed tomography

Table S7. Maternal outcomes of the pregnant women with COVID-19 infection

Author	Reference	Number of pregnant women	Obstetric complications							Delivered		Pregnancy ongoing	Termination of pregnancy	Spontaneous abortion
			PROM ^a	Placental abruption	Intrauterine distress	Stillbirth	Threat of premature labor	Preterm labour	Premature delivery	C-section	Vaginal			
Wang X <i>et al.</i>	26	1	0	0	1	0	0	0	1	1	0	0	0	0
Wen Q <i>et al.</i>	27	1	0	0	0	0	0	0	0	0	0	1	0	0
Chen X <i>et al.</i>	32	3	0	0	1	0	0	0	1	1	0	1	1	0
Zambrano L <i>et al.</i>	28	1	0	0	0	0	0	1	1	0	1	0	0	0
Indraccolo <i>et al.</i>	29	1	0	0	0	0	0	0	0	NA	NA	1	0	0
Liao X <i>et al.</i>	30	1	0	0	1	0	0	0	1	1	0	0	0	0
Lee D <i>et al.</i>	31	1	0	0	0	0	0	0	0	1	0	0	0	0
Gu Z <i>et al.</i>	32	1	0	0	1	0	0	0	1	1	0	0	0	0
Huang L <i>et al.</i>	33	1	0	0	0	0	0	0	1	1	0	0	0	0
Juusela A <i>et al.</i>	19	2	0	0	0	0	0	0	1	2	0	0	0	0
Gidlöf S <i>et al.</i>	34	1	0	0	0	0	0	0	1	1	0	0	0	0
Kleinwechter <i>et al.</i>	35	1	0	0	0	0	1	0	0	NA	NA	1	0	0
Kalafat E <i>et al.</i>	36	1	0	0	0	0	0	0	1	1	0	0	0	0
Ferrazzi EM <i>et al.</i>	18	42	-	-	-	0	0	2	2	18	24	0	0	0
Breslin N <i>et al.</i>	17	43	1	-	-	0	0	1	1	8	10	25	0	0
Xiong X <i>et al.</i>	37	1	1	0	0	0	0	0	0	0	1	0	0	0
Karami P <i>et al.</i>	38	1	0	0	0	1	0	1	1	0	1	0	0	0
Peng Z <i>et al.</i>	39	1	0	0	1	0	0	0	1	1	0	0	0	0
Schnettler <i>et al.</i>	40	1	0	0	1	0	1	0	1	1	0	0	0	0
Lowe B <i>et al.</i>	41	1	0	0	0	0	0	0	0	0	1	0	0	0
Iqbal SN <i>et al.</i>	42	1	0	0	0	0	0	0	0	0	1	0	0	0
Gonzales R <i>et al.</i>	43	1	0	0	0	0	0	0	1	1	0	0	0	0
Vlachodimitropoulou	20	2	0	0	2	0	0	0	2	2	0	0	0	0
Alzamora M <i>et al.</i>	44	1	0	0	0	0	0	0	1	1	0	0	0	0
Sharma <i>et al.</i>	45	1	0	0	0	0	0	0	0	1	0	0	0	0
Yan J <i>et al.</i>	22	65	3	0	7	0	0	3	16	44	6	14	0	1
Browne <i>et al.</i>	46	1	0	0	0	0	1	0	0	NA	NA	1	0	0
Lu D <i>et al.</i>	47	1	0	0	0	0	0	0	0	1	0	0	0	0
Vintzileos <i>et al.</i>	21	32	-	-	-	-	-	-	-	-	-	0	0	0
NVOG	10	111	-	0	2	0	2	1	1	11	19	81	0	0

a PROM: Premature rupture of membranes

Table S8. Medical complications and treatment of the pregnant women with COVID-19 infection

Author	Reference	Number of pregnant women	Severe pneumonia	Acute respiratory distress	Acute hepatic failure	Acute renal failure	Coagulopathy	Cardiomyopathy	Septic shock	ICU admission ^a	Maternal treatment										Maternal mortality
											No treatment	Oxygen support	Antiviral treatment	Antibiotic therapy	Use of corticosteroid	Use of gammaglobulin	Use of hydroxychloroquine	Mechanical ventilation	Prone position	ECMO ^b	
Wang X <i>et al.</i>	26	1	1	1	0	0	0	0	0	1	0	1	1	1	1	0	0	1	-	0	0
Wen Q <i>et al.</i>	27	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	-	0	0
Chen X <i>et al.</i>	32	3	0	0	0	0	0	0	0	0	0	3	3	0	2	1	0	0	-	0	0
Zambrano L <i>et al.</i>	28	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	-	0	0
Indraccolo <i>et al.</i>	29	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	-	0	0
Liao X <i>et al.</i>	30	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	-	0	0
Lee D <i>et al.</i>	31	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	-	0	0
Gu Z <i>et al.</i>	32	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	-	0	0
Huang L <i>et al.</i>	33	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	0	0	-	0	0
Juusela A <i>et al.</i>	19	2	2	2	0	0	0	2	0	2	0	2	1	1	1	0	1	1	-	0	0
Gidlöf S <i>et al.</i>	34	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	-	0	0
Kleinwechter <i>et al.</i>	35	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	-	0	0
Kalafat E <i>et al.</i>	36	1	1	1	0	0	0	0	0	1	0	1	1	1	1	0	1	1	-	0	0
Ferrazzi EM <i>et al.</i>	18	42	7	7	0	0	0	0	0	7	-	7	-	-	-	-	0	-	-	0	0
Breslin N <i>et al.</i>	17	43	2	2	0	1	0	0	0	2	35	3	0	3	0	0	2	0	-	0	0
Xiong X <i>et al.</i>	37	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	-	0	0
Karami P <i>et al.</i>	38	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	1	1	-	0	1
Peng Z <i>et al.</i>	39	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	-	0	0
Schnettler <i>et al.</i>	40	1	1	1	0	0	0	0	1	1	0	1	1	1	0	0	1	1	-	0	0
Lowe B <i>et al.</i>	41	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	-	0	0
Iqbal SN <i>et al.</i>	42	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	-	0	0
Gonzales R <i>et al.</i>	43	1	1	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	-	0	0
Vlachodimitropoulou <i>et al.</i>	20	2	0	0	0	0	2	0	0	0	0	2	0	1	0	0	0	0	-	0	0
Alzamora M <i>et al.</i>	44	1	1	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	-	0	0
Sharma <i>et al.</i>	45	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	-	0	0
Yan J <i>et al.</i>	22	65	6	1	0	0	0	1	6	6	-	6	48	58	26	0	0	2	-	1	0
Browne <i>et al.</i>	46	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	-	0	0
Lu D <i>et al.</i>	47	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	-	0	0
Vintzileos <i>et al.</i>	21	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
NVOG	10	111	-	-	-	-	-	-	-	6	90	17	2	20	5	0	4	2	-	0	0

a ICU: Intensive Care Unit; b ECMO: Extracorporeal Membrane Oxygenation

Table S9. Neonatal outcomes

Author	Reference	Number of pregnant women	Number of deliveries	APGAR >7							Breastfeeding	Asphyxia	Sepsis	Pneumonia	Chorioamnionitis	Meconium stained	Low birth weight	Respiratory distress syndrome	Mechanical ventilation	ICU admission for treatment ^a	Neonatal death	Discharge from hospital
				< 28 weeks	29 - 32 weeks	33-36 weeks	>37 weeks	1 minute	5 minutes													
Wang X <i>et al.</i>	26	1	1	0	1	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	-	
Wen Q <i>et al.</i>	27	1	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chen X <i>et al.</i>	32	3	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	
Zambrano L <i>et al.</i>	28	1	1	0	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	
Indraccolo <i>et al.</i>	29	1	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Liao X <i>et al.</i>	30	1	1	0	0	1	0	-	-	-	-	-	-	-	-	-	-	-	-	0	-	
Lee D <i>et al.</i>	31	1	1	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	
Gu Z <i>et al.</i>	32	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	
Huang L <i>et al.</i>	33	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	
Juusela A <i>et al.</i>	19	2	2	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gidiöf S <i>et al.</i>	34	1	2	0	0	2	0	2	2	2	0	0	0	0	0	1	0	0	0	0	-	
Kleinwechter <i>et al.</i>	35	1	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Kalafat E <i>et al.</i>	36	1	1	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	-	
Ferrazzi EM <i>et al.</i>	18	42	42	0	0	2	40	-	-	35	-	-	-	-	-	-	-	-	-	-	-	
Breslin N <i>et al.</i>	17	43	18	0	0	1	17	18	18	18	0	0	0	0	0	1	1	0	3	0	18	
Xiong X <i>et al.</i>	37	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	-	
Karami P <i>et al.</i>	38	1	1	0	1	0	0	0	0	NA	NA	NA	NA	NA	NA	1	NA	NA	NA	NA	NA	
Peng Z <i>et al.</i>	39	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	1	0	1	0	1	
Schnettler <i>et al.</i>	40	1	1	0	1	0	0	-	-	0	0	0	0	0	0	1	0	1	1	0	0	
Lowe B <i>et al.</i>	41	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	
Iqbal SN <i>et al.</i>	42	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	
Gonzales R <i>et al.</i>	43	1	1	0	1	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0	-	
Vlachodimitropoulou	20	2	2	0	0	2	0	1	1	1	1	-	0	0	0	2	-	-	-	0	1	
Alzamora M <i>et al.</i>	44	1	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0	1	1	0	1	
Sharma <i>et al.</i>	45	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	
Yan J <i>et al.</i>	22	65	50	0	1	15	34	50	50	-	1	-	-	-	-	-	-	-	17	1	36	
Browne <i>et al.</i>	46	1	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lu D <i>et al.</i>	47	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	
Vintzileos <i>et al.</i>	21	32	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NVOG	10	111	30	-	-	-	-	-	-	21	-	-	-	-	-	-	-	-	0	0	21	

a NICU: Neonatal intensive care unit

Table S10. Characteristics of neonates SARS-CoV-2 positive

Characteristics	Zeng L <i>et al</i> ¹³			Alzamora <i>et al</i> ⁴⁴
	Neonate 1	Neonate 2	Neonate 3	Neonate 4
Gestational age in weeks and days	40	40 +4	31 + 2	33
Mode of delivery	C-section	C-section	C-section	C-section
Birthweight in grams	3250	3360	1580	2970
Asphyxia	No	No	Yes	No
Symptoms and complications				
Fever	Yes	Yes	No	No
Pneumonia	Yes	Yes	Yes	No
Respiratory distress syndrome	No	No	Yes	No
Shortness of breath	No	No	Yes	Yes
Cyanosis	No	No	Yes	No
Feeding intolerance	No	No	Yes	No
Treatment				
Mechanical ventilation	No	No	Yes	Yes
Antibiotics	No	No	Yes	No
Days in ICU ^a	2	4	11	0.5
Death	No	No	No	No
Days after birth tested	2 and 4 days	2 and 4 days	2 and 4 days	16 hours and 2 days
Day at negativization	Day 6	Day 6	Day 7	Not reported
a NICU: Neonatal intensive care unit				