## Supplementary material

### **Table of Contents**

Supplementary material	L
Appendix 1. Search Strategy (10th March 2020)	2
PUBMED	2
EMBASE	3
WEB OF SCIENCE	4
SCOPUS	4
LILACS	5
Appendix 2. Quality assessment of quantitative studies included in the review*	5
Appendix 3. Quality assessment of qualitative studies included in the review*	7
Appendix 4. Assessment of confidence of qualitative findings: CERQual approach	3
Appendix 5. Summary of quantitative findings of the association between different domains of disrespect and abuse during childbirth and outcomes as reported in original article	

## Appendix 1. Search Strategy (10th March 2020)

### **PUBMED**

Mistreatment	#1 #2	"disrespect" [tw] OR "disrespects" [tw] OR "disrespectful" [tw] OR "disrespected" [tw] OR "respectful" [tw] OR "abuse" [tw] OR "abused" [tw] OR "abused" [tw] OR "abuses" [tw] OR "neglect" [tw] OR "neglected" [tw] OR "neglects" [tw] OR "confidentiality" [tw] OR "confidential" [tw] OR "non-confidential" [tw] OR "informed consent" [tw] OR "violence" [tw] OR "violent" [tw] OR "humiliate" [tw] OR "condescending" [tw] OR "condescension" [tw] OR "non-dignified" [tw] OR "intimidate" [tw] OR "yelling" [tw] OR "yell" [tw] OR "non dignified" [tw] OR "non-dignified" [tw] OR "detention" [tw] OR "discrimination" [tw] OR "discriminate" [tw] OR "abandon" [tw] OR "abandonment" [tw] OR "detention" [tw] OR "human rights" [tw] OR "maltreatment" [tw] OR "mistreatment" [tw] OR "humanization" [tw] OR "humanized" [tw] OR "dehumanized" [tw] OR "dehumanization" [tw] OR "dignified" [tw] OR "undignified" [tw] OR "stigma" [tw] OR "dignity" [tw] OR "bullying" [tw] OR "bullying" [tw] OR "bullying" [tw] OR "health services/ethics" [mesh] OR "health care quality, access, and evaluation/ethics" [mesh]	212172
	#3	#1 OR #2	720410
Facility based deliveries	#4	"facility based delivery"[tw] OR "facility based deliveries"[tw] OR "facility delivery"[tw] OR "facility deliveries"[tw] OR "facility based births"[tw] OR "facility based birth"[tw] OR "facility-based childbirth"[tw] OR "facility-based childbirth"[tw] OR "facility births"[tw] OR "facility births"[tw] OR "clinic delivery"[tw] OR "clinic deliveries"[tw] OR "clinic births"[tw] OR "clinic births"[tw] OR "hospital delivery"[tw] OR "hospital births"[tw] OR "hospital births"[tw] OR "hospital births"[tw] OR "hospital births"[tw] OR "hospital based deliveries"[tw] OR "hospital based delivery"[tw] OR "hospital based births"[tw] OR "institutional births"[tw] OR "institutional delivery"[tw] OR "institutio	3125
Facility base	#5	"perinatal service" [tiab] OR "peri natal service" [tiab] OR "perinatal services" [tiab] OR "perinatal services" [tiab] OR "perinatal health service" [tiab] OR "perinatal health services" [tiab] OR "perinatal health services" [tiab] OR "perinatal health services" [tiab] OR "maternal care" [tiab] OR "maternal health care" [tiab] OR "maternal health care" [tiab] OR "maternal health service" [tiab] OR "maternal services" [tiab] OR "maternal services" [tiab]	5652
	#6	(#4 OR #5) AND #3	756
PNC	#7	"Postnatal Care"[Mesh] OR "Maternal-Child Health Services"[Mesh] OR "post natal service" [tiab] OR "postnatal service*"[tiab] OR "postnatal health service"[tiab] OR "post natal health service"[tiab] OR "postnatal health services"[tiab] OR "postnatal care"[tiab] OR "neonatal care"[tiab] OR "Postpartum Period"[Mesh] OR "postpartum care"[tw] OR "post partum care"[tw]	74478
Outcomes	#8	**MATERNAL MENTAL HEALTH AND WELLBEING:  "Depression, Postpartum"[Mesh] OR "Puerperal Disorders"[Mesh] OR "Depressive Disorder"[Mesh] OR  "Depression" [tw] OR "postpartum depression" [tw] OR "maternal depression"[tiab] OR "perinatal depression" [tiab] OR "mental disorder" OR "adjustment disorder" OR "affective disorder" OR "dysthymic disorder" OR "psychiat*" OR "behaviour control" OR "psychological phenomena" OR "depression" OR  "mental health" OR "stress disorder" OR "anxiety disorder" OR "maternal welfare" OR "maternal health"  ** FEEDING PRACTICES  "Breast Feeding"[Mesh] OR "Feeding Behavior"[Mesh] OR breastfeed* [tiab] OR "child nutrition" OR	719092 218485
	#10	"Lactation"[Mesh]  ** INFANT HEALTH  "Infant weight gain" [tiab] OR "newborn weight gain" [tiab] OR "wasting" [tiab] OR ("Weight gain"	54007
		[Mesh] AND "Infant" [Mesh]) OR "Infant, low birth weight" [Mesh]	
Final	#11	#6 AND (#7 OR #8 OR #9 OR #10)	531

### **EMBASE**

	Searches	Results
1	(disrespect* or respectful or abuse* or neglect* or confidential* or non-confidential* or humiliat* or violence or violent* or condescen* or yell* or abandon* or dignified or non-dignified or discriminat* or maltreatment* or mistreatment or humaniz* or dehumaniz* or undignified or dignity or stigma or bully*).tw.	729421
2	(perinatal service* or peri natal service* or perinatal health service* or peri natal health service* or maternal care or maternal health care or maternal service* or maternal health service*).ab.	4469
3	(facility based deliver* or facility deliver* or facility based birth* or facility birth* or facility-based child birth* or facility-based childbirth* or clinic deliver* or hospital birth* or hospital childbirth* or hospital based deliver* or hospital based birth* or institutional birth* or institutional childbirth* or institutional deliver*).tw.	3035
4	(postnatal care* or maternal-child health services* or post natal service* or postnatal service* or postnatal health service* or post natal health service* or neonatal care* or postpartum period* or postpartum care* or post partum care*).tw.	18380
5	(depressive disorder* or depression* or postpartum depression* or maternal depression* or perinatal depression or mental disorder* or adjustment disorder* or affective disorder* or dysthymic disorder* or psychiat* or behaviour control or psychological phenomena or mental health or stress disorder* or anxiety disorder* or maternal welfare or anxiety).tw.	949147
6	(mother-child relation* or attachment* or bonding or child attachment or newborn attachment or maternal-newborn attachment).tw.	184933
7	(breast feeding or feeding behavior or breastfeed* or child nutrition or lactation).tw.	83600
8	(infant weight gain or newborn weight gain or wasting or (weight gain and infant*)).tw.	29597
9	2 or 3	7176
10	1 and 9	627
11	4 and 10	38
12	5 or 6 or 7 or 8	1233478
13	10 and 12	151
14	11 or 13	184

#### WEB OF SCIENCE

Set	Results	Save History
# 14	289	#13 OR #11
# 13	262	#12 AND #10
# 12	2,406,740	#8 OR #7 OR #6 OR #5
# 11	33	#10 AND #4
# 10	711	#9 AND #1
# 9	6,345	#3 OR #2
#8	363,541	TS=("infant weight gain" OR "newborn weight gain" OR wasting OR ("weight gain" AND infant*))
#7	100,461	TS=("breast feeding" OR "feeding behavior" OR "feeding behaviour" OR breastfeed* OR "child nutrition" OR lactation)
# 6	1,049,938	TS= ("mother-child relation" OR attachment* OR bonding OR "child attachment" OR "newborn attachment")
# 5	919,639	TS=("depressive disorder" OR depression* OR "postpartum depression" OR "maternal depression" OR "perinatal depression" OR "mental disorder" OR "adjustment disorder" OR "affective disorder" OR "dysthymic disorder" OR psychiat* OR "behaviour control" OR "psychological phenomena" OR "mental health" OR "stress disorder" OR "anxiety disorder" OR "maternal welfare" OR "anxiety")
# 4	12,112	TS=("postnatal care" OR "maternal-child health services" OR "post natal service" OR "postnatal service" OR "postnatal health service" OR "neonatal care" OR "postpartum period" OR "postpartum care" OR "post partum care")
#3	1,158	TS=("facility based deliver"OR "facility deliver" OR "facility based birth" OR "facility birth" OR "facility-based child birth" OR "facility-based childbirth" OR "clinic deliver" OR "hospital birth" OR "hospital based delivery" OR "hospital based birth" OR "institutional birth" OR "institutional delivery")  "institutional childbirth" OR "institutional delivery")
# 2	5,325	TS=("perinatal service" OR "peri natal service" OR "perinatal health service" OR "peri natal health service" OR "maternal care" OR "maternal health care" OR "maternal healthcare" OR "maternal service" OR "maternal health service")
#1	1,034,335	TS=(disrespect* OR respectful OR abuse* OR neglect* OR confidential* OR non-confidential* OR humiliat* OR violence OR violent* OR condescen* OR yell* OR abandon* OR dignified OR non-dignified OR discriminat* OR maltreatment* OR mistreatment OR humaniz* OR dehumaniz* OR undignified OR dignity OR stigma OR bully*)

#### **SCOPUS**

(((TITLE-ABS-KEY(disrespect\* OR respectful OR abuse\* OR neglect\* OR confidential\* OR non-confidential\* OR humiliat\* OR violence OR violent\* OR condescen\* OR yell\* OR abandon\* OR dignified OR non-dignified OR discriminat\* OR maltreatment\* OR mistreatment OR humaniz\* OR dehumaniz\* OR undignified OR dignity OR stigma OR bully\*)) AND ((TITLE-ABS-KEY ("perinatal service" OR "peri natal service" OR "perinatal health service" OR "peri natal health service" OR "maternal care" OR "maternal health care" OR "maternal healthcare" OR "maternal service" OR "maternal health service")) OR (TITLE-ABS-KEY ("facility based deliver" OR "facility deliver" OR "facility based birth" OR "facility birth" OR "facility-based child birth" OR "facility-based childbirth" OR "clinic deliver" OR "hospital birth" OR "hospital childbirth" OR "hospital based delivery" OR "hospital based birth" OR "institutional birth" OR "institutional childbirth" OR "institutional delivery")))) AND (TITLE-ABS-KEY ("postnatal care" OR "maternal-child health services" OR "post natal service" OR "postnatal service" OR "postnatal health service" OR "post natal health service" OR "neonatal care" OR "postpartum period" OR "postpartum care" OR "post partum care"))) OR (((TITLE-ABS-KEY (disrespect\* OR respectful OR abuse\* OR neglect\* OR confidential\* OR non-confidential\* OR humiliat\* OR violence OR violent\* OR condescen\* OR yell\* OR abandon\* OR dignified OR non-dignified OR discriminat\* OR maltreatment\* OR mistreatment OR humaniz\* OR dehumaniz\* OR undignified OR dignity OR stigma OR bully\*)) AND ((TITLE-ABS-KEY ("perinatal service" OR "peri natal service" OR "perinatal health service" OR "perinatal health service" OR "maternal care" OR "maternal health care" OR "maternal health care" OR "maternal service" OR "maternal health service")) OR (TITLE-ABS-KEY ( "facility based deliver" OR "facility deliver" OR "facility based birth" OR "facility birth" OR "facility-based child birth" OR "facility-based childbirth" OR "clinic deliver" OR "hospital birth" OR "hospital childbirth" OR "hospital based delivery" OR "hospital based birth" OR "institutional birth" OR "institutional childbirth" OR "institutional delivery")))) AND ((TITLE-ABS-KEY ("depressive disorder" OR depression\* OR "postpartum depression" OR "maternal depression" OR "perinatal depression" OR "mental disorder" OR "adjustment disorder" OR "affective disorder" OR "dysthymic disorder" OR psychiat\* OR "behaviour control" OR "psychological phenomena" OR "mental health" OR "stress disorder" OR "anxiety disorder" OR "maternal welfare" OR "anxiety")) OR (TITLE-ABS-KEY ("mother-child relation" OR attachment\* OR bonding OR "child attachment" OR "newborn attachment" OR "maternal-newborn attachment")) OR ( TITLE-ABS-KEY ("breast feeding" OR "feeding behavior" OR "feeding behaviour" OR breastfeed\* OR "child nutrition" OR lactation)) OR (TITLE-ABS-KEY ("infant weight gain" OR "newborn weight gain" OR wasting OR ("weight gain" AND infant\*))))) N=1100

#### **LILACS**

(((disrespect\* OR respectful OR abuse\* OR neglect\* OR confidential\* OR non-confidential\* OR humiliat\* OR violence OR violent\* OR condescen\* OR yell\* OR abandon\* OR dignified OR non-dignified OR discriminat\* OR maltreatment\* OR mistreatment OR humaniz\* OR dehumaniz\* OR undignified OR dignity OR stigma OR bully\*) AND (tw:(perinatal service OR peri natal service OR perinatal health service OR peri natal health service OR maternal care OR maternal health care OR maternal healthcare OR maternal service OR maternal health service OR obstetric\* )) OR (tw: (facility based deliver OR facility deliver OR facility based birth OR facility birth OR facility-based child birth OR facility-based childbirth OR clinic deliver OR hospital birth OR hospital childbirth OR hospital based delivery OR hospital based birth OR institutional birth OR institutional childbirth OR institutional delivery ) ) ) AND ( tw: ( postnatal care OR maternal-child health services OR post natal service OR postnatal service OR postnatal health service OR post natal health service OR neonatal care OR postpartum period OR postpartum care OR post partum care ))) OR (((tw: (disrespect\* OR respectful OR abuse\* OR neglect\* OR confidential\* OR non-confidential\* OR humiliat\* OR violence OR violent\* OR condescen\* OR yell\* OR abandon\* OR dignified OR non-dignified OR discriminat\* OR maltreatment\* OR mistreatment OR humaniz\* OR dehumaniz\* OR undignified OR dignity OR stigma OR bully\*)) AND ((tw:(obstetric\* OR perinatal service OR peri natal service OR perinatal health service OR perinatal health service OR maternal care OR maternal health care OR maternal healthcare OR maternal service OR maternal health service )) OR (tw: (facility based deliver OR facility deliver OR facility based birth OR facility birth OR facility-based child bi OR hospital birth OR hospital childbirth OR hospital based delivery OR hospital based birth OR institutional birth OR institutional childbirth OR institutional delivery )))) AND ((tw:( depressive disorder OR depression\* OR postpartum depression OR maternal depression OR perinatal depression OR mental disorder OR adjustment disorder OR affective disorder OR dysthymic disorder OR psychiat\* OR behaviour control OR psychological phenomena OR mental health OR stress disorder OR anxiety disorder OR maternal welfare OR anxiety )) OR (tw:(breast feeding OR feeding behavior OR feeding behaviour OR breastfeed\* OR child nutrition OR lactation)) OR (tw:(infant weight gain OR newborn weight gain OR wasting OR (weight gain AND infant\*))))) LILACS: 29

# Appendix 2. Quality assessment of quantitative studies included in the review

	Creanga 2017	Bishanga 2019	De Sá 2016	Silveira 2019
Criteria				
1. Was the research question or objective in this paper clearly stated?	YES	YES	YES	YES
Was the study population clearly specified	1.20	123	1.25	125
and defined?	YES	YES	YES	YES
3. Was the participation rate of eligible persons at least 50%?	CD	YES	CD	YES
4. Were all the subjects selected or recruited from the same or similar populations (including the same time period)? Were inclusion and exclusion criteria for being in				
the study prespecified and applied uniformly to all participants?	YES	YES	YES	YES
5. Was a sample size justification, power description, or variance and effect estimates provided?	NO	YES	YES	NO
6. For the analyses in this paper, were the exposure(s) of interest measured prior to the outcome(s) being measured?	NO	NO	NO	YES
7. Was the timeframe sufficient so that one could reasonably expect to see an association between exposure and outcome if it existed?	NA	NA	NA	YES
8. For exposures that can vary in amount or level, did the study examine different levels of the exposure as related to the outcome (e.g., categories of exposure, or exposure measured as continuous variable)?	NO	NO	NO	YES
9. Were the exposure measures (independent variables) clearly defined, valid, reliable, and implemented consistently across all study participants?	YES	YES	YES	YES
10. Was the exposure(s) assessed more than once over time?	NA	NA	NA	NO
11. Were the outcome measures (dependent variables) clearly defined, valid, reliable, and implemented consistently across all study				
participants?	YES	YES	YES	YES
12. Were the outcome assessors blinded to the exposure status of participants?	NA	NA	NA	NO
13. Was loss to follow-up after baseline 20% or less?	NA	NA	NA	YES
14. Were key potential confounding variables measured and adjusted statistically for their impact on the relationship between				
exposure(s) and outcome(s)?	YES	YES	YES	YES
Overall quality*	M	н	M	н

Overall quality\* M H M H

\*Overall quality was defined as high" (≥75% of applicable criteria), "medium" (50-<75% of applicable criteria) or "low" (<50% of applicable criteria) quality

Tool: NIH Quality Assessment Tool for Observational Cohort and Cross-Sectional Studies.

	Section A: Are the results valid?							3: What are the	Section C: Will the results help locally?	Quality	
	1. Was there a clear statement of the aims of the research?	2. Is a qualitative methodology appropriate?	3. Was the research design appropriate to address the aims of the research?	4. Was the recruitment strategy appropriate to the aims of the research?	5. Was the data collected in a way that addressed the research issue?	6. Has the relationship between researcher and participants been adequately considered?	7. Have ethical issues been taken into consideration?	8. Was the data analysis sufficiently rigorous?	9. Is there a clear statement of findings?	10. How valuable is the research?	
Chen 2014	YES	YES	YES	YES	YES	NO	YES	YES	YES	+	Н
Dol 2019	YES	YES	YES	YES	YES	YES	YES	СТ	YES	+	Н
Ganle 2015	YES	YES	YES	YES	YES	YES	YES	YES	YES	+	Н
Kane 2018	YES	YES	YES	YES	YES	YES	YES	YES	YES	+	Н
Mahiti 2015	YES	YES	YES	YES (-)	YES	СТ	YES(-)	YES (-)	YES	+	М
McMahon 2014	YES	YES	YES	YES (-)	YES	СТ	YES	YES	YES	+	Н
Melberg 2016	YES	YES	YES	YES	YES	YES	YES	YES	YES	+	Н
Mselle 2017	YES	YES	YES	YES (-)	YES	YES	YES	YES	YES	+/-	Н
Morgan 2017	YES	YES	YES	YES(-)	YES (-)	YES	YES	YES	YES	+	Н
Ochieng 2019	YES	YES	YES	YES (-)	YES	YES (-)	YES	YES	YES	+	Н
Ongolly 2019	YES	YES	YES	YES	YES	СТ	YES	СТ	YES	+	Н
Probandari 2017	YES	YES	YES	YES (-)	YES	YES	YES	YES (-)	YES	+	М
Sialubanje 2014	YES	YES	YES(-)	YES	YES	NO	YES	YES	YES	+	Н
Sacks 2017	YES	YES	YES	YES (-)	YES	NO	YES	YES (-)	YES	+	М
Yakong 2010	YES	YES	YES	YES	YES	YES	YES	YES	YES	+	Н
Yevoo 2018	YES	YES	YES	YES	YES	YES	YES	YES	YES	+	Н
Zamawe 2015	YES	YES	YES	YES	YES	YES	YES	YES	YES	+	Н

\*CT: Cannot tell; +: significant value; +/-: some value; -: low value

Tool: Critical Appraisal Skills Programme (CASP) quality-assessment tool

# Appendix 4. Assessment of confidence of qualitative findings: CERQual approach

Themes and subthemes	Contributing studies	Confidence in the Evidence*	Explanation of confidence in the evidence
Women direct experience			
Health system's constraints:			C akudiaa wikh winan
Women, men and health providers reported lack of space, staff shortages, and long waiting times as major factors experienced during childbirth and deterring women from using PNC. Facility cleanliness was mentioned by women as a deterrent for accessing care.	Chen 2014 , Ganle 2015 , Mahiti 2015, Mselle 2017, Sialubanje 2014, Zamawe 2015,	Moderate	6 studies with minor methodological limitation. High relevance and coherence. Adequate data from 5 countries from Asia and Africa.
D&A during previous contacts with health system:			
Major complaints in this category were verbal abuse and condescension towards women. Many women reported being scolded or receiving derogatory comments during their previous contact with the clinical. The time and type of communication about postnatal care was also reported by many women. Many women expressed concerns about health workers inability to ensure privacy. Many women reported feeling neglect as they indicate that health workers sometimes delay services during their official work hours.	Dol 2019, Mselle 2017, Morgan 2017, Probandari 2017, Sacks 2017, Sialubanje 2014, Yevoo 2018, Yakong 2010	High	8 studies with moderate to minor methodological limitations. High relevance and coherence. Fairly thick data from 5 countries of Asia and Africa
Women's expectations			
Internalised stigma:			
Many of the papers reported that women would not seek postnatal care because they fear being embarrassed. These claims went from the embarrassment of giving birth to a child with poor health, to not having money to pay "a penalty" for using the services. In addition, many women reported not seeking care because they were embarrassed of not having proper clothing for the baby to wear. Fear of repercussion and denial of care was also mentioned in relation with the woman failing to follow health provider's recommendations from past visits .	Kane 2018, McMahon 2014, Morgan 2017, Melberg 2016, Ochieng 2019, Sacks 2017	High	6 studies with moderate to minor methodological limitation. High relevance and coherence. Fairly thick data from 7 countries from Africa.
Beliefs and traditions:			
Lack of culturally sensitive care acted as deterrent or delaying factor to PNC use. In this category it stands out the fear of medicalization and vaccination that still exists associated with Western medicine.	Dol 2019, Probandari 2017, Ochieng 2019	Low	3 studies with moderate to minor methodological limitations. High relevance and adequate coherence. Reasonable data from 3 countries in Asia and Africa.
Women's expectations	T	T	
Male involvement and gender dynamics:			
The role of father during pregnancy, childbirth and the postnatal period was often ambiguous. Maternity care was understood to be a woman's issue, deterring man's involvement. Traditional gender roles removed decision making power of the woman, affecting use of PNC. Some women referred that delays in care or certain practices from health care providers might have violent consequences when they return home.	Ganle 2015, Mselle 2017, Morgan 2017, Ongolly 2019	Moderate	4 studies with moderate to minor methodological limitations. High coherence. Reasonable data from 4 countries only in Africa.
Family influence:			
Women who live in the same house as their parents, parents in law or grandparents were more susceptible to allowing their opinion to influence their health seeking behaviour. Even if the advice provided by the family members contradicts the recommendation of health providers, women reported to feel oblige to go by what the family member says.	Dol 2019, Mselle 2017, Ochieng 2019, Probandari 2017	Low	4 studies with moderate to minor methodological limitations. Reasonable relevance and coherence. Reasonable data from 4 countries only in Africa.

\* This approach considers four components: 1) Methodological limitation; 2) relevance to the review question; 3) Coherence and 4) adequacy of the data. The methodological limitation was assessed by the CASP tool in Appendix 3. The relevance refers to the extent to which the body of the data supporting the review finding is applicable to the context from the review question. The coherence is the assessment of how clear and cogent the fit is between the data from the primary studies and the review finding. Finally, adequacy is the degree of richness and quantity of data supporting the review finding.

# Appendix 5. Summary of quantitative findings of the association between different domains of disrespect and abuse during childbirth and outcomes as reported in original article

Study	Outcome	Reported exposure domain*	Reported measures of effect*	Effect size (95% CI)	Adjustment variables
Creanga 2017	Maternal or neonatal healthcare services utilization	Perception that staff ensures patient's privacy (ref=no)		1.43 (0.8;2.58)	Additional formation design and the control of the
		Perception that staff provides high quality services (ref=no)	Adjusted Odds Ratio (95% CI)	1.54 (0.98;2.43)	Adjusted for socio-demographic characteristics (parity, religion, ethnicity, marital status, reading level, and household wealth), for women's perceptions of the quality of care at the closest health facility to their homes and for the time needed to reach this facility
		Perception that facility is clean (ref=no)		1.24 (1.34;3.55)	closest health facility to their homes and for the time needed to reach this facility
		Experience any disrespect and abusive (ref=yes)		1.23 (1.05;1.22)	
	Maternal healthcare	Offered choice of birth position (ref=no)		1.18 (1.02;2.23)	
	services utilization	Offered opportunity to have a companion during			
	services utilization	labour and delivery (ref=no)		1.13 (0.97;1.84)	A divisted for region, mostly of some vice and region with a set shill does mostly of
Bishanga 2019		Perceiving facility to have good cleanliness (ref=no)	Adjusted Risk Ratio	1.54 (1.54;3.02)	Adjusted for region, mother's age, women's education, number of children, mode of delivery, cadre of provider attending the delivery, the type of health facility, and the number
Distidliga 2019		Experience any disrespect and abusive (ref=yes)	(95%CI)	1.14 (1.02;1.92)	of ANC visits
	Neonatal healthcare	Offered choice of birth position (ref=no)		1.12 (0.93;1.84)	OI AINC VISILS
	service utilization	Offered opportunity to have a companion during			
	service utilization	labour and delivery (ref=no)		1.21 (1.02;1.69)	
		Perceiving facility to have good cleanliness (ref=no)		1.62 (1.70;3.71)	
		Physical violence during delivery (ref= yes)	Adjusted Prevalence Ratio (95% CI)	0.96 (0.85;1.15)	
	Breastfeeding within an hour	Verbal violence during delivery (ref=yes)		1.03 (0.92;1.15)	Adjusted for maternal age, education, race, socioeconomic status, assistance to prenatal
de Sà 2016		Companion at delivery (ref=yes)		0.95 (0.84;1.03)	care, delivery care, children's health and characteristics (gender, birth weight, gestational
uc 3u 2010		Companion at postpartum (ref=yes)		1.03 (0.94;1.14)	age, Apgar score at 5 min)
		Neglect during delivery (ref=yes)		0.98 (0.88;1.19)	age, regain soore at a minny
		Rooming-in (ref=yes)		0.28 (0.18;0.44)	
		Any disrespect and abuse (ref=no)		1.54 (1.15;2.05)	
	Postpartum	Physical abuse (ref=no)		1.54(0.9;2.65)	
	depression [EPDS	Verbal abuse (ref=no)		1.58 (1.06;2.33)	
	score>=13]	Undesired procedures (ref=no)***		1.34(0.82;2.20)	Adjusted for maternal education, family income, skin colour, age, parity, desire of
Silveira 2019		Denial of care (ref=no)	Adjusted Odds	1.48 (0.91;2.41)	pregnancy, marital status, father reaction when discovering pregnancy, pregnancy
Silveila 2015		Any disrespect and abuse (ref=no)	Ratio (95% CI)	1.86 (1.32;2.63)	morbidities, deliver type and history of depression.
	Postpartum	Physical abuse (ref=no)		2.28 (1.26;4.12)	morbidities, deliver type and instory of depression.
	depression [EPDS	Verbal abuse (ref=no)		1.69 (1.06;2.70)	
	score>=15]	Undesired procedures (ref=no)***		1.32 (0.71;2.46)	
	fidence interval	Denial of care (ref=no)		1.56 (0.86;2.80)	

CI= confidence interval

<sup>\*</sup> Presented exactly as shown in the original article, without transformation.

<sup>\*\*\*</sup>Included any procedure conducted against women's will or without explaining the need to conduct it, such as episiotomy or medication to induce labour