STROBE Statement - Checklist of items that should be included in reports of ***cohort studies***

	Item No	Recommendation
Title and abstract	1	(*a*) study's design with a commonly used term in the title or the abstract Inserted
		(*b*) the abstract an informative and balanced summary of what was done and what was found Completed
Introduction		
Background/rationale	2	scientific background and rationale for the investigation being reported
Objectives	3	specific objectives, including any prespecified hypotheses STATED
Methods		
Study design	4	key elements of study design early in the paper PRESENTED
Setting	5	the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection DESCRIBED
Participants	6	(*a*) the eligibility criteria, and the sources and methods of selection of participants. GIVEN
		(*b*) For matched studies, give matching criteria and number of exposed and unexposed N/A
Variables	7	all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable N/a
Data sources/ measurement	8*	For each variable of interest, give sources of data and details of methods of assessment (measurement). Data sources explained
Bias	9	Describe any efforts to address potential sources of bias USE OF RASCH MODELLING FOP ITEM RELIABILITY UNDERTAKEN
Study size	10	Explain how the study size was arrived at see item 6
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why BIVARIATE AND MULTIVARIATE DATA ANLAYSIS WAS DESCRIBED
Statistical methods	12	
		(*b*) Describe any methods used to examine subgroups and interactions

		(*c*) Explain how missing data were addressed multiple imputation method used…
		(*d*) If applicable, explain how loss to follow-up was addressed N/A
		(*e*) Describe any sensitivity analyses N/A
Results		
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed N/A
		(b) Give reasons for non-participation at each stage N/A
		(c) Consider use of a flow diagram N/A
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders GIVEN
		(b) Indicate number of participants with missing data for each variable of interest see item 12c
		(c) Summarise follow-up time (eg, average and total amount) N/A
Outcome data	15*	Report numbers of outcome events or summary measures over time REPORTED
Main results	16	(*a*) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Confidence intervals included here for scaled data
		(*b*) Report category boundaries when continuous variables were categorized N/A
		(*c*) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period N/A
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses
Discussion		
Key results	18	Summarise key results with reference to study objectives provided as a table
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias stated
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence see item 21

Generalisability	21	Discuss the generalisability (external validity) of the study results limited only to the results of this one group of midwives
Other information		
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based /NIL