

STROBE checklist for cross-sectional studies

Manuscript: Knowledge–Practice Gaps and Territorial Vulnerability in HPV Vaccine Uptake among Caregivers in Barranquilla, Colombia: A Cross-sectional KAP and Spatial Public Health Study

Note: Page and line references should be updated after final journal formatting. The manuscript was prepared with continuous line numbering enabled.

STROBE item	Manuscript section	Location
Title and abstract	Title and Abstract	Title page; Abstract
Introduction: background/rationale	Introduction	Introduction paragraphs 1–4
Introduction: objectives	Introduction	Final paragraph of Introduction; Research questions
Methods: study design	Methods	Study design and reporting guideline
Methods: setting	Methods	Setting and study period
Methods: participants	Methods	Participants, eligibility criteria, and recruitment
Methods: variables	Methods	Variables
Methods: data sources/measurement	Methods	Data collection instrument
Methods: bias	Methods/Discussion	Recruitment limitations; Limitations paragraph
Methods: study size	Methods	Sampling and sample size
Methods: quantitative variables	Methods	Variables; Statistical analysis
Methods: statistical methods	Methods	Statistical analysis; Spatial and cluster analysis
Results: participants	Results	Participant characteristics; Table 1
Results: descriptive data	Results	Participant characteristics; Tables 1–2
Results: outcome data	Results	Knowledge; attitudes; practices; Table 2; Figures 1–2
Results: main results	Results	Bivariate associations; regression models; Tables 3–4
Results: other analyses	Results	Spatial and cluster findings;

		Table 5; Figures 3–5
Discussion: key results	Discussion	Discussion paragraph 1
Discussion: limitations	Discussion	Limitations paragraph
Discussion: interpretation	Discussion	Discussion paragraphs 2–6
Discussion: generalizability	Discussion	Limitations; public health implications
Other information: funding	Declarations	Funding