

CRITICAL APPRAISAL OF AN CROSS-SECTIONAL STUDY
CROSS-SECTIONAL WORKSHEET

Citation:

Are the results valid?

1. Was there a clearly defined, focused research question? What was the study question?	
2. What was the main exposure?	
3. What was the main outcome?	
4. How were the main exposures ascertained? What were the sources of exposure information? Were the exposures clear, specific and measurable? Any likelihood of exposure misclassification?	
5. What were the sources of outcome information? How well were the outcomes measured? Was the outcome clear, specific and measurable? Any likelihood of outcome misclassification?	
6. Did the study adjust for confounding? What confounders were considered and how were they measured? Is measurement error a concern with confounders?	
7. Have the authors identified all potentially important confounders? Was the adjustment adequate? Is residual confounding likely?	
8. Are the analytic strategies clearly described? Were the data analytic methods appropriate for the study design?	

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What are the results?

What are the study results?	
9. How strong was the association between exposure and outcome (e.g. correlation coefficient, regression line, adjusted beta coefficients in a linear regression model)?	
12. How precise was the estimate of the association (i.e. confidence intervals around the point estimates or p-values)?	
13. Did the authors consider bias while interpreting their results? Were the interpretations consistent with the design used?	

In summary:

What are the major strengths of this study?
What are the major limitations of this study?