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## Heterogeneity

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## Missing Data

## DISCUSSION





TABLE 2. Regression estimated prevalence ratios and prevalence differences for environmental associations with hearing loss*

| Variable | Sample prevalence | Number of observations used $\dagger$ | Prevalence <br> ratiof (95\% CI) | Prevalence difference§ ( $95 \% \mathrm{CI}$ ) |
| :---: | :---: | :---: | :---: | :---: |
| How many people currently live in the household? |  | 1533 | 1.06 (0.97 to 1.16) | 0.7 (-0.5 to 1.9) |
| Do you have running (plumbed) water in your house? |  | 1533 |  |  |
| Water in house | 9.7 (8.0, 11.6) |  | (ref) | (ref) |
| No water in house | 13.5 (10.6, 16.9) |  | 1.38 (0.80 to 2.39) | 3.7 (-2.7 to 10.1) |
| Do you use a wood-burning stove or $f$ replace to cook or help heat the house? |  | 1526 |  |  |
| No | 11.6 (9.6, 13.8) |  | (ref) | (ref) |
| Yes | 9.9 (7.6, 12.7) |  | 0.85 (0.55 to 1.32) | -1.7 (-6.5 to 3.0) |
| Number of smokers in the house? |  | 1532 |  |  |
| None \| | 11.3 (8.7, 14.3) |  | (ref) | (ref) |
| 1-2 Smokers | 10.4 (8.4, 12.7) |  | 0.92 (0.53 to 1.58) | -0.9 (-7.0 to 5.2) |
| 3 or more smokers | 12.1 (8.0, 17.4) |  | 1.07 (0.48 to 2.38) | 0.8 (-8.5 to 10.1) |
| Count of risk factors ${ }^{\text {d }}$ |  | 1525 | 1.11 (0.86 to 1.44) | 1.2 (-1.6 to 3.9) |
| Overall prevalence of Hearing Loss | $11.1(9.6,12.7)$ |  |  |  |
|  | , •• | la $\underbrace{\text { a }}$ | - | $\cdots$ cau a |




Stat M ed, 34, 281296.


Health Eff Inst, 3 37. ${ }^{\text {' }}$




Methods M ed Res, 2'2, $661{ }^{\prime} 670$.

