| **First Author, Year**  | **Did the review focus on community-based samples (as opposed to sleep clinic populations) or stratify results separately for community-based samples?** | **Did the review limit to prospective studies?** | **Did the review focus on studies comparing by different AHI categories/ thresholds, including comparison with people with untreated OSA?** | **Did the review include relevant health outcomes?** | **Did the review require that included studies adjust for potential confounders (or use other methods to address potential confounding)?** | **Is the review directly relevant, providing an adequate answer to our KQ?** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Ge, 201391 | No (included 6 studies, and combined community-based and referral populations) | Yes | Yes | Yes (CV and all-cause mortality) | Yes | No | Limited by combining community-based and referral populations; potential spectrum bias in referral populations may lead to overestimate of HR  |
| Kendzerska, 201492 | Yes, stratified Tables by population based sample vs. clinical sample | No (also included retrospective studies) | Yes | Yes (death, CV events; also included diabetes and depression) | Yes (required to get in main analysis; if no adjustment they were excluded by quality assessment) | No | Limited by including retrospective and prospective studies; and by approach to synthesis that makes it difficult to pull out the portion(s) relevant for our KQ. |
| Balk, 20111 | No | No (also included retrospective studies) | Yes | Yes (all-cause mortality, CV death, nonfatal CVD, QOL, incident stroke; also included diabetes and hypertension) | Yes | No | Limited by combining community-based and referral populations; potential spectrum bias in referral populations may lead to overestimate of HR; (Inclusion criteria also differ from ours by limiting to studies with at least 500 participants, whereas we did not set a limit) |

**Abbreviations:** CV=cardiovascular; CVD=cardiovascular disease; HR=heart rate; KQ=key question; QOL=quality of life.