Risk of bias/Quality Diagram

- valid and reliable outcome measure of time/stage
  - No
  - quality score 1

- valid and reliable exposure measure (SEP)
  - No
  - quality score 2

Conduct multivariable analysis, report adjusted odds ratios, report confidence intervals

Measure of time interval, proxy measure or stage

Population-based sample: eg. total local or national lung cancer population from a cancer Registry

- \( \text{OR} = \text{Cont/Deciles/Quintiles/Quartiles} \)
- Age, sex, histology, stage, CCM/PS
- Quality score 8

Selective population: eg. incomplete audit data, age restricted, selected hospitals, random sample, small area

- \( \text{OR} = \text{Dichot/tertiles or poorer quality measure of SEP} \)
- Age, sex, (histology or stage or CCM/PS)
- Quality score 7
- Quality score 6

- \( \text{OR} = \text{Dichot/tertiles or poorer quality measure of SEP} \)
- Age, sex
- Quality score 5

- \( \text{OR} = \text{Dichot/tertiles or poorer quality measure of SEP} \)
- Age, sex, (histology or stage or CCM/PS)
- Quality score 4

- \( \text{OR} = \text{Cont/Deciles/Quintiles/Quartiles} \)
- Age, sex, histology, stage, CCM/PS
- Quality score 5
- Quality score 6

No

No

No