

Supplementary table 1 sensitive analysis (deletion of low-quality studies)

| Analysis item | Studies | Heterogeneity test | | Pooled prevalence (95% CI) |
|---------------|---------|--------------------|-----------|----------------------------|
| | | I^2 value (%) | P value | |
| AHRQ \geq 4 | 24 | 99.0 | < 0.001 | 0.054(0.047-0.062) |
| AHRQ \geq 5 | 22 | 99.1 | < 0.001 | 0.055(0.047-0.063) |
| AHRQ \geq 6 | 19 | 99.2 | < 0.001 | 0.057(0.049-0.066) |

Supplement table 2 Filled meta-analysis

| | No. of studies | Method | Pooled prevalence (95% CI) | Heterogeneity test | |
|----------------------|----------------|--------|----------------------------|--------------------|-----------|
| | | | | Q | P value |
| Meta-analysis | 24 | Fixed | 0.038(0.037-0.039) | 2274.48 | <0.001 |
| | | Random | 0.054(0.047-0.062) | | |
| Filled Meta-analysis | 33 | Fixed | 0.035(0.034-0.035) | 4096.47 | <0.001 |
| | | Random | 0.036(0.028-0.044) | | |