

**Meta-analysis: proportion**

|                                       |  |
|---------------------------------------|--|
| Variable for studies                  | study  |
| Variable for total number of cases    | sample_size<br>sample size                           |
| Variable for number of positive cases | no._of_positive_cultures<br>no. of positive cultures |

| Study                   | Sample size | Proportion (%) | 95% CI           |
|-------------------------|-------------|----------------|------------------|
| Abera kumalo et al 2016 | 95          | 15.789         | 9.115 to 24.702  |
| Kao et al 2011          | 13903       | 6.991          | 6.573 to 7.428   |
| Alan c heffner et al    | 211         | 45.024         | 38.186 to 52.003 |
| Adam et al 2009         | 8000        | 81.000         | 80.123 to 81.854 |
| Mallat H et al 2010     | 1432        | 8.729          | 7.318 to 10.312  |
| Hashiri et al 2011      | 5957        | 16.703         | 15.764 to 17.675 |
| Chih-hsiang et al 2012  | 13903       | 6.991          | 6.573 to 7.428   |
| Total (fixed effects)   | 43501       | 18.844         | 18.478 to 19.215 |
| Total (random effects)  | 43501       | 23.295         | 4.956 to 49.744  |

**Test for heterogeneity**

|                                |                |
|--------------------------------|----------------|
| Q                              | 18270.8374     |
| DF                             | 6              |
| Significance level             | P < 0.0001     |
| I <sup>2</sup> (inconsistency) | 99.97 %        |
| 95% CI for I <sup>2</sup>      | 99.96 to 99.97 |