**Author(s), Country and Year Incidence Risk Ratio [95% CI]**

# *Without Bothamley*

Zenner, UK, 2012

Rendell, Mongolia, 2016 Odayar, South Africa, 2018 Espinal, Santo Domingo, 1996 Crampin, Malawi, 2004

RE Model for Subgroup (Q = 47.27, df = 4, p = 0.00; I2 = 94.3%)

1.29 [0.82, 2.03]

1.31 [1.08, 1.59]

0.17 [0.09, 0.32]

0.21 [0.07, 0.63]

1.09 [0.62, 1.91]

0.61 [0.25, 1.50]

# *Bothamley*

Bothamley, USA, 2016

Bothamley, UK, 2016

Bothamley, Ukraine, 2016

Bothamley, Spain, 2016.2

Bothamley, Spain, 2016.1

Bothamley, Slovakia, 2016

Bothamley, Serbia, 2016

Bothamley, Italy, 2016.3

Bothamley, Italy, 2016.2

Bothamley, Italy, 2016.1

Bothamley, Belgium, 2016

Bothamley, Belarus, 2016

RE Model for Subgroup (Q = 101.02, df = 11, p = 0.00; I2 = 87.6%)

0.21 [0.01, 3.29]

1.23 [0.85, 1.78]

0.73 [0.24, 2.28]

0.18 [0.01, 2.86]

0.14 [0.03, 0.55]

0.45 [0.17, 1.19]

0.18 [0.04, 0.72]

0.72 [0.04, 11.58]

0.69 [0.10, 4.89]

0.08 [0.01, 0.57]

9.26 [5.01, 17.13]

0.28 [0.17, 0.47]

0.50 [0.22, 1.14]

RE Model for All Studies (Q = 149.68, df = 16, p = 0.00; I2 = 92.4%)

0.54 [0.30, 1.00]

0 0.02 0.5 7.39 54.6

Incidence Risk Ratio