**Table S3. Sensitivity analysis for numbers of deaths showing key variables altered in analysis, 2005-2008 and 2013**

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| **Key variables altered in analysis** | **Number of deaths** | |
|  | **2005-2008** | **2012-2013** |
| 1. Base numbers | 5000 | 1900 |
| 1. Community death rates | 3700 | 1600 |
| 1. Altered blood culturing estimates | 2500 | 850 |
| 1. NBP/BPP VAR ratio of 11:1 with 1.89 adjustment | 4500 | 1700 |
| 1. NBP/BPP VAR ratio of 7.6:1 | 3400 | 1200 |
| 1. Altered NBP calculations with separate HIV estimates | 11900 | 1500 |
| 1. Adjusted case fatality ratio for BPP to NBP from Gambia study (3:1 ratio) | 7600 | 3300 |
| 1. Adjusted case fatality ratio for BPP to NBP from Kenya study (5:1 ratio) | 6900 | 2100 |

NBP = non-bacteraemic pneumococcal pneumonia; BPP = bacteraemic pneumococcal pneumonia