Supplementary Table 2. Validation of model-generated effectiveness results with 7-year trial data

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Standard care | | | CMS | | |
|  | Model-generated | | Trial data | Model-generated | | Trial data | |
|  | |  | |  |  | |
| Missing component | 0.24 | | 0.22 | 0.31 | | 0.38 | |
| Filling related events component | 7.37 | | 8.32 | 5.15 | | 5.62 | |
| Total number of restorative events | 7.62 | | 8.66 | 5.46 | | 6.13 | |
|  |  | |  |  | |  | |
| D component | 4.04 | | NA | 3.27 | | NA | |
| DMFT increment | 11.66 | | NA | 8.74 | | NA | |

D = Decayed; DMFT = Decayed, Missing and Filled Teeth; CMS = Caries Management System