Additional file 4 **fsQCA Complex and parsimonious solutions**

Table 1) fsQCA solutions for high life expectancy (frequency cutoff: 2, consistency cutoff: 0.9)

|  |  |  |  |
| --- | --- | --- | --- |
| Configuration | Raw coverage | Unique coverage  | Consistency |
| **Complex solution,**  |
| E\* G \* H \* W  | 0.789 | 0.789 | 0.946 |
| solution coverage: 0.789, solution consistency: 0.946 |  |  |  |
| **Parsimonious solution**  |
| G \* H | 0.808 | 0.808 | 0.907 |
| solution coverage: 0.808, solution consistency: 0.907 |
| **Intermediate solution** |
| E\* G \* H \* W  | 0.789 | 0.789 | 0.946 |
| solution coverage: 0.789, solution consistency: 0.946 |
| ‘\*’ means AND, ‘+’ means ORUpper case: high level (>0.5); Lower case: low level (<0.5). |

Table 2) fsQCA solutions for low life expectancy using original calibration (frequency cutoff: 2, consistency cutoff: 0.9)

|  |  |  |  |
| --- | --- | --- | --- |
| Configuration | Raw coverage | Unique coverage | consistency |
| **Complex solution**  |
| (e \* h \* I) + | 0.539 | 0.302 | 0.953 |
| (e \*g \* i\* w) + | 0.331 | 0.134 | 0.995 |
| (g \* h\* I \* W) + | 0.154 | 0.013 | 0.961 |
| (E \*g \* H\* i\* W)  | 0.113 | 0.024 | 0.946 |
| solution coverage: 0.745, solution consistency: 0.955 |
| **Parsimonious solution**  |
| e + | 0.846 | 0.149 | 0.947 |
| (g \* i) + | 0.401 | 0.035 | 0.957 |
| ( g \* h) | 0.679 | 0.024 | 0.95 |
| solution coverage: 0.92, solution consistency: 0.930 |
| **Intermediate solution**  |
| (g \* h) + | 0.676 | 0.028 | 0.950 |
| (g \* i) + | 0.401 | 0.045 | 0.957 |
| (e \* g \* w) + | 0.679 | 0.019 | 0.971 |
| (e \* h \* I )+ | 0.539 | 0.073 | 0.953 |
| solution coverage: 0.863, solution consistency: 0.938 |