S

L

W

|  |  |  |
| --- | --- | --- |
| DS model for S | | |
| {s1} | {s2} | {s3} |
| 0.8 | 0.15 | 0.05 |

s1: holds e-passport

s2: lost e-passport

s3: using a stolen e-passport

l1: e-passport has been reported as lost

l2: e-passport has not been reported as lost

|  |  |
| --- | --- |
| S | DS model for L |
| s1 | <{l2},1> |
| s2 | <{l1},0.8>; <{l1,l2},0.2> |
| s3 | <{l1},0.9>; <{l1,l2},0.1> |

w1: e-passport is on a watchlist

w2: e-passport is not on a watchlist

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S | L | DS model for W |  | S | L | DS model for W |
| s1 | l1 | <{w1},1> | s2 | l2 | <{w2},0.98>; <{w1,w2},0.02> |
| s1 | l2 | <{w2},0.98>; <{w1,w2},0.02> | s3 | l1 | <w1,1> |
| s2 | l1 | <{w1},1> | s3 | l2 | <{w2},0.98>; <{w1,w2},0.02> |