I. P(F|W)

- P(F|W=t) = 0.15
- P(F|W=f) = 0.85

II.

F|W	P(R=t)	P(R=f)
t	0.8	0.2
f	0.4	0.6

III.

R	P(V=t)	P(V=f)
t	0.95	0.05
f	0.1	0.9

Caso 1: R=t, FIW=t

$0.95 \times 0.8 \times 0.15 = 0.114$

Caso 2: R=t, FIW=f

$0.95 \times 0.4 \times 0.85 = 0.323$

Caso 3: R=f, FIW=t

$0.1 \times 0.2 \times 0.15 = 0.003$

Caso 4: R=f, FIW=f

$0.1 \times 0.6 \times 0.85 = 0.051$

P(V=t|Stv=snow_covered) = 0.114 + 0.323 + 0.0003 + 0.051 = 0.491

P(V=f|snow_covered|) = 1 - 0.491 = 0.509

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