exam 21-22 PDR

CF(A) = 0.4 B = 0.9 C = 0.7 D = 0.8

(ex2)

1) if (A and B) or C → E CF 0.8

2) if (C or D) → E CF 0.9.

1) min (0.4, 0.9)

max (0.4 , 0.7) = 0.7 × 0.8 = **0.56**

2) max (0.7, 0.8) = 0.8 × 0.9 = **0.72**

combinem 0.72 + (1 − 0.72) × (0.56) = 0.8768

(b) ajegir una regla que disminueixi E ha de donar negatiu.

usant. CF(G) = 0.5

if (G and B) → E CF(−0.5)

min (0.5 × 0.9) = 0.5 × (−0.5) = **−0.25**

Cadascú diferent

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(3) DS. m(A) = 0.1 B = 0.05 C = 0.3 AB = 0.1 AC = 0.3 BC = 0.15 ABC = 0

	A	B	C	AB	AC	BC	ABC
Bel	0.1	0.05	0.3	0.25	0.7	0.55	1
Pl	0.5	0.3	0.75	0.7	0.95	0.9	1

↑ més segurs que no

↑ més probable però encara incert.

exam AAR 21-22

(5) FIS.

min = 20 → μ(few) = 0.5 μ(app) = 0.5

stairs = 35 → μ(low) = 0.75 μ(normal) = 0.25

steps = 800 → μ(negl) = 0.35 μ(few) = 0.65

R12 0.5 ∧ — ∧ 0.65 = 0.5 Sedentary

R13 0.5 ∧ 0.75 ∧ 0.35 = 0.35 Sedent.

R14 0.5 ∧ 0.25 ∧ 0.35 = 0.25 Normal

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R16 0.5 ∧ — ∧ 0.35 = 0.35 Sedentary

degree Sed ~225 si centre dela

~380 si centre a 0.5 x 0.5

Norm ~1250 si centre dela 600 – 1700

↓

~1150 x 0.25