$\alpha = 1 = \gamma$

$V(A) = R(A) + \max[\gamma \sum P(\ )]$ $\quad -9 + 10 = 1$

$-10 + \max[1 \cdot 0'9 \cdot (-10) + 0'1 \cdot 100,$ $\quad 1 \cdot 1 = 1$

$1 \cdot 0'8 \cdot (-10) + 0'2 \cdot (-10)]$ $\quad -10$

$-10 + 1 = -9$

$P(A/A) = 0'25$ $\quad$ P

$P(B/A) = 0'75$ $\quad$ Decision

M

C f $\quad$ P(A)

D c

$P(A / Cf, Dc) = \alpha \sum$

$P(\underline{C}/A)\, P(\underline{D}/\underline{A}, B)\, P(\underline{B})\, P(A)$

t	0'3	0'8	0'6	0'3
f	~~0'8~~	~~0'2~~ 0'1	0'4	~~0'7~~

$\mathcal{E} = \{$ alto, medio, bajo, sin $\}$ limp (casa) sucia (casa)

A: Cargar, Aspirar

$4 \cdot 2 = 8$ $\quad \neg C, D$

$P(\neg C / A)$ — 0'3

$P(D / A, B)$ — 0'8, 0'8, 0'7, 0'7, 0'2

niño < $\frac{h}{m}$

joven < $\frac{h}{m}$

ad < $\frac{h}{m}$

anc < $\frac{h}{m}$

$3 \cdot 2 = 6$

4 → 3 1

2 → 4

1/4.2 → 4

1/4.2.2 → 8

28

P(

Edad — Genero

3 — 1

Med. $1 \cdot 4 \cdot 2 = 8$

S/E.G

Rec

$1 \cdot 4 \cdot 2 \cdot 1 = 8$

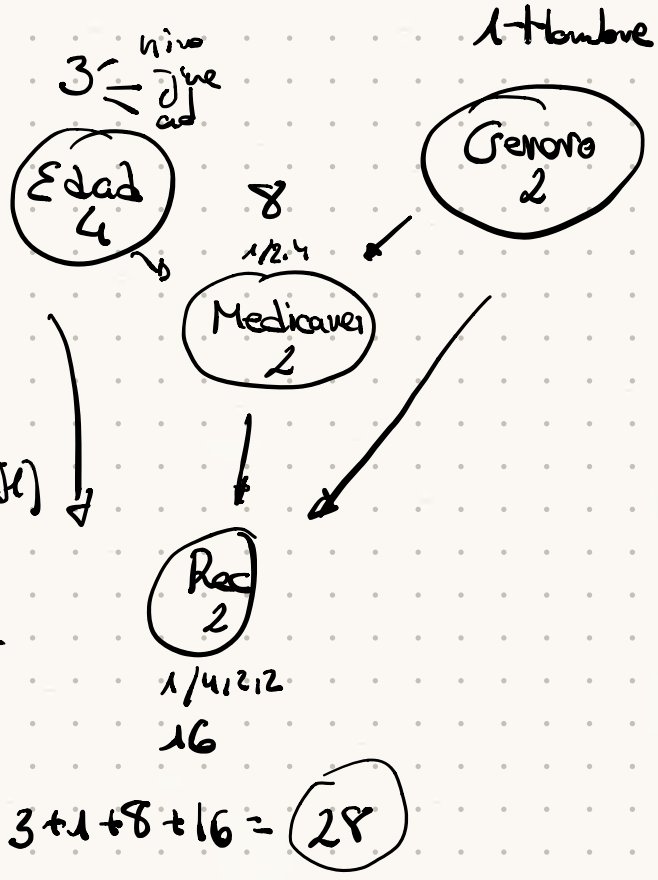
R/E.2.1

4

$1 \cdot 4 \cdot 2 \cdot 2 =$

$3^3 = 27 \cdot 2 = 54$

$\alpha P(A=2 / B=1)$



$P(Ll_2) = \sum_{P_2} P(Ll_2 / P_2) P(P_2 / J_1) P(J_1)$

ll/J JJ 1

ll/N NJ 1

4

$3+1+8+16 = 28$

Compra → No compra	0'3	P(NC/C
No compra → Compra	0'4	P(C/NC

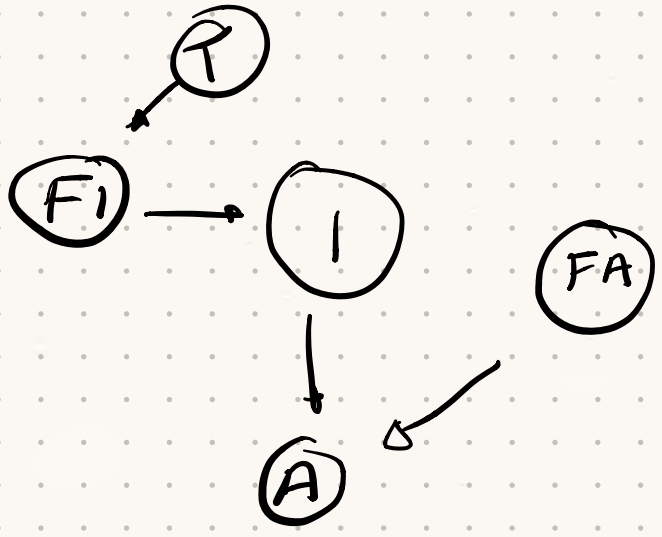
1000 ind.

100 compran en E_0

$100 \xrightarrow{0'7} 70$

$900 \xrightarrow{0'4} 360$

$430 \xrightarrow{0'7} 529$



rb y ~ta ⇒ Vb

rb 0 ta ⇒ Vm

rn ⇒ Va

r = 7db t = 70

b : 0 a ~ 0'5

n ~ 1 7a = 0'5

0 y 0'5 = 0

0 0' 0'5 = 0'5 Vm

1 ⇒ 1 Va