

ANNEX E: RESULTATS DE L'APLICACIÓ DEL MODEL A UNA EMPRESA DE PRODUCCIÓ

Dades de partida

Nº DE TREBALLADORS

P 11

Nº TASQUES

T 6

Nº D'INTERVALS

H 8

Nº D'INTERVALS IDEALS A REALITZAR CADA T PER CADA P

Itt

1	1	1	1	1	1
---	---	---	---	---	---

CÀRREGA DECADA TASCA

Nt

1	1	1	1	1	1
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RENDIMENT PRODUCTIU DE CADA P REALITZANT CADA T

	t1	t2	t3	t4	t5	t6
p1	1	1	0	1	1	1
p2	1	1	1	1	0	1
p3	1	1	1	1	0	1
p4	1	1	0	1	1	1
p5	1	1	1	1	0	1
p6	1	1	1	1	0	1
p7	1	1	0	1	1	1
p8	1	1	1	1	0	1
p9	1	1	1	1	1	1
p10	1	1	0	1	0	1
p11	1	1	1	1	0	1

RENDIMENT DE QUALITAT DE CADA P REALITZANT CADA T

	t1	t2	t3	t4	t5	t6
p1	1	1	0	0,5	0,5	1
p2	0,5	1	0,5	1	0	1
p3	1	0,5	0,5	1	0	1
p4	1	1	0	0,3	1	1
p5	1	0,5	0,8	1	0	1
p6	1	0,3	0,5	1	0	1
p7	1	1	0	1	0,25	1
p8	0,5	1	1	1	0	0,3
p9	1	0,5	0,5	1	1	1
p10	1	1	0	1	0	0,3
p11	1	1	1	1	0	1

ANNEX E: RESULTATS DE L'APLICACIÓ DEL MODEL A UNA EMPRESA DE PRODUCCIÓ

X1th

0	0	0	0	1	0	0	1
1	1	0	1	0	1	1	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

X2th

0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0

X3th

1	1	0	1	0	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0

X4th

1	0	0	0	0	0	0	0
0	1	1	0	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0
0	0	0	1	0	0	0	0

X5th

0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1

X6th

0	1	1	0	0	1	1	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	1

X7th

0	0	0	0	1	0	0	0
0	0	1	1	0	0	1	1
0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0

X8th

0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0
1	1	0	1	1	0	1	1
0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X9th

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	1	0	0

X10th

0	0	0	1	0	0	0	0
1	0	1	0	1	1	0	0
0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X11th

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

ANNEX E: RESULTATS DE L'APLICACIÓ DEL MODEL A UNA EMPRESA DE PRODUCCIÓ

X1th

0	0	0	0	1	0	0	0
1	0	1	1	0	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0
0	1	0	0	0	0	0	0

X2th

0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0

X3th

1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0

X4th

0	0	0	0	0	1	0	0
1	1	0	1	1	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0
0	0	0	0	0	0	1	0

X5th

0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1

X6th

0	1	1	0	0	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	1	0	0	1	0
0	0	0	0	0	0	0	0
0	0	0	0	1	1	0	0

X7th

0	0	0	1	0	0	0	0
0	1	1	0	0	1	1	0
0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	1
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0

X8th

0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0
1	1	0	1	1	0	1	1
0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X9th

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	1	0	0

X10th

0	0	0	0	0	0	1	0
0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0
1	1	0	1	1	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X11th

1	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0
0	0	1	0	0	1	0	0
0	1	0	1	0	0	1	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1

ANNEX E: RESULTATS DE L'APLICACIÓ DEL MODEL A UNA EMPRESA DE PRODUCCIÓ

X1th

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0
0	1	0	1	1	0	1	1
0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0

X2th

1	1	0	1	1	0	1	1
0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X3th

0	0	0	0	0	1	0	0
1	1	0	1	1	0	1	1
0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X4th

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0

X5th

0	0	1	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X6th

0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X7th

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0

X8th

1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0

X9th

0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X10th

0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1

X11th

0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

ANNEX E: RESULTATS DE L'APLICACIÓ DEL MODEL A UNA EMPRESA DE PRODUCCIÓ

X1th

0	0	1	0	0	0	0	0
0	0	0	1	0	0	0	1
0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
1	0	0	0	1	1	0	0
0	0	0	0	0	0	1	0

X2th

0	0	0	0	1	0	0	0
0	0	1	1	0	0	1	1
0	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0

X3th

0	1	0	0	1	1	0	1
0	0	1	0	0	0	0	0
1	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0

X4th

0	0	0	0	0	1	0	0
0	0	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0
0	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0

X5th

0	0	0	0	0	0	1	0
0	0	0	0	1	0	0	0
0	0	0	0	0	1	0	0
0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0

X6th

1	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
0	0	1	0	0	0	0	1
0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0

X7th

0	1	0	0	0	0	1	0
1	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0
0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	1

X8th

0	0	0	0	0	0	0	1
0	1	1	0	0	1	1	0
0	0	0	1	0	0	0	0
1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0

X9th

0	0	0	1	0	0	0	0
1	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0
0	0	0	0	0	1	0	0
0	0	1	0	0	0	1	1
0	1	0	0	0	0	0	0

X10th

1	0	0	1	0	0	0	0
0	1	0	0	1	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0

X11th

0	0	1	0	0	0	0	0
1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0
0	1	0	0	1	0	0	1
0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0

ANNEX E: RESULTATS DE L'APLICACIÓ DEL MODEL A UNA EMPRESA DE PRODUCCIÓ

X1th

1	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0
0	0	0	1	0	0	1	1
0	1	0	0	0	0	0	0

X2th

0	0	1	0	0	0	0	0
0	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0

X3th

1	1	0	0	1	1	0	0
0	0	0	1	0	0	0	0
0	0	0	0	0	0	1	0
0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1

X4th

0	0	0	1	0	0	0	0
1	0	1	0	1	1	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
0	0	0	0	0	0	1	0

X5th

0	0	1	0	0	0	0	0
1	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	1	1	0	1	1

X6th

0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0
1	0	1	0	1	1	0	1
0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0

X7th

0	0	0	1	1	0	1	0
0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0

X8th

0	0	0	0	0	1	0	0
0	1	1	0	1	0	1	1
1	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X9th

0	0	0	0	0	0	0	1
0	0	0	0	0	0	1	0
0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0
1	0	1	0	1	0	0	0
0	1	0	0	0	0	0	0

X10th

0	1	0	0	0	0	0	1
1	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	1	0	1	0
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0

X11th

0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

ANNEX E: RESULTATS DE L'APLICACIÓ DEL MODEL A UNA EMPRESA DE PRODUCCIÓ

X1th

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0

X2th

1	1	0	1	1	0	1	1
0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X3th

0	0	0	0	0	1	0	0
1	1	0	1	1	0	1	1
0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X4th

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0

X5th

0	0	1	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X6th

0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X7th

0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0

X8th

1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0

X9th

0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

X10th

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1

X11th

0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0
1	1	0	1	1	0	1	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0