

# Additional file 6. Colored tables of median performance for all combinations of factors.

Supplementary material for “Identifying Restrictions in the Order of Accumulation of Mutations during Tumor Progression: Effects of Passengers, Evolutionary Models, and Sampling”

Ramon Diaz-Uriarte

Dept. Biochemistry, Universidad Autónoma de Madrid

Instituto de Investigaciones Biomédicas “Alberto Sols” (UAM-CSIC)

Madrid, Spain

ramon.diaz@iib.uam.es

rdiaz02@gmail.com

<http://ligarto.org/rdiaz>

## Contents

<b>1</b>	<b>Introduction</b>	<b>3</b>
<b>2</b>	<b>Drivers Known</b>	<b>4</b>
2.1	Inferred edges, Drivers Known . . . . .	4
2.2	Diff, Drivers Known . . . . .	8
2.3	PFD, Drivers Known . . . . .	12
2.4	PND, Drivers Known . . . . .	16
2.5	FPF, Drivers Known . . . . .	20
<b>3</b>	<b>Drivers Unknown</b>	<b>24</b>
3.1	Inferred edges, Drivers Unknown . . . . .	24
3.2	Diff, Drivers Unknown . . . . .	31
3.3	PFD, Drivers Unknown . . . . .	38
3.4	PND, Drivers Unknown . . . . .	45
3.5	FPF, Drivers Unknown . . . . .	52

## List of Figures

1	Drivers Known, number of inferred edges (not counting those from Root), N = 1000	5
2	Drivers Known, number of inferred edges (not counting those from Root), N = 200	6
3	Drivers Known, number of inferred edges (not counting those from Root), N = 100	7
4	Drivers Known, Diff, N = 1000	9
5	Drivers Known, Diff, N = 200	10
6	Drivers Known, Diff, N = 100	11
7	Drivers Known, PFD, N = 1000	13
8	Drivers Known, PFD, N = 200	14
9	Drivers Known, PFD, N = 100	15
10	Drivers Known, PND, N = 1000	17
11	Drivers Known, PND, N = 200	18
12	Drivers Known, PND, N = 100	19
13	Drivers Known, FPF, N = 1000	21
14	Drivers Known, FPF, N = 200	22
15	Drivers Known, FPF, N = 100	23
16	Drivers Unknown, number of inferred edges (not counting those from Root), N = 1000, S.Time = last	25
17	Drivers Unknown, number of inferred edges (not counting those from Root), N = 1000, S.Time = unif.	26
18	Drivers Unknown, number of inferred edges (not counting those from Root), N = 200, S.Time = last	27
19	Drivers Unknown, number of inferred edges (not counting those from Root), N = 200, S.Time = unif.	28
20	Drivers Unknown, number of inferred edges (not counting those from Root), N = 100, S.Time = last	29
21	Drivers Unknown, number of inferred edges (not counting those from Root), N = 100, S.Time = unif.	30
22	Drivers Unknown, Diff, N = 1000, S.Time = last	32
23	Drivers Unknown, Diff, N = 1000, S.Time = unif.	33
24	Drivers Unknown, Diff, N = 200, S.Time = last	34
25	Drivers Unknown, Diff, N = 200, S.Time = unif.	35
26	Drivers Unknown, Diff, N = 100, S.Time = last	36
27	Drivers Unknown, Diff, N = 100, S.Time = unif.	37
28	Drivers Unknown, PFD, N = 1000, S.Time = last	39
29	Drivers Unknown, PFD, N = 1000, S.Time = unif.	40
30	Drivers Unknown, PFD, N = 200, S.Time = last	41
31	Drivers Unknown, PFD, N = 200, S.Time = unif.	42
32	Drivers Unknown, PFD, N = 100, S.Time = last	43
33	Drivers Unknown, PFD, N = 100, S.Time = unif.	44
34	Drivers Unknown, PND, N = 1000, S.Time = last	46
35	Drivers Unknown, PND, N = 1000, S.Time = unif.	47
36	Drivers Unknown, PND, N = 200, S.Time = last	48
37	Drivers Unknown, PND, N = 200, S.Time = unif.	49
38	Drivers Unknown, PND, N = 100, S.Time = last	50
39	Drivers Unknown, PND, N = 100, S.Time = unif.	51
40	Drivers Unknown, FPF, N = 1000, S.Time = last	53
41	Drivers Unknown, FPF, N = 1000, S.Time = unif.	54
42	Drivers Unknown, FPF, N = 200, S.Time = last	55
43	Drivers Unknown, FPF, N = 200, S.Time = unif.	56
44	Drivers Unknown, FPF, N = 100, S.Time = last	57
45	Drivers Unknown, FPF, N = 100, S.Time = unif.	58

# 1 Introduction

The following tables (figures, actually) show, for all performance measure., as well as for the number of edges in the transitive closure of the relations (i.e., the # of relations in  $F$  for performance measure PFD), the median values for all combinations of factors. Each cell is the median of 20 replicates.

For all figures, lighter colors denote smaller values, and color intensity is normalized by row (i.e., there will be at least one cell that is white and one cell that is dark red in each row). Grey cells denote missing values: i.e., all 20 values for that cell were missing. Missing values can only occur in PFD (since, even if there are no fits, the rest of the performance measures are defined).

For performance measures (Diff, PFD, PND, FPF), therefore, lighter colors denote better performance. For “Inferred edges”, lighter colors highlight those cases with few discoveries.

The figures for the Drivers Unknown had to be split into two, for readability: the first half is with S.Time = last and the second with S.Time = unif (this is shown in the figure). Please note that the color intensity is normalized by row **over the two figures**.

## 2 Drivers Known

### 2.1 Inferred edges, Drivers Known



Inferred edges; N = 200

11_B : McF_6 : Inf	25	21.5	30	20	19.5	21	22.5	17	19	18.5	19.5	17	1	2	1	6.5	4	4	10.5	10	9	8.5	6	6.5	15	15	15	17	16	17	20	20	20	17	16	17	
11_B : McF_6 : 0	30.5	19.5	27	21	21.5	22	22	16.5	22.5	18.5	22	21	5	5.5	4	6	11	6.5	12	16.5	12.5	9.5	11.5	10.5	15	15	15	16	16	16	20	20	20	16	16	16	
11_B : McF_4 : Inf	30.5	28.5	33.5	31	28.5	29	27	19.5	29.5	28.5	30	27.5	1	1	0	0	0	0	2	2	0	0	0	0	12	15	12	12	12	10.5	12	15	12	12	12	10.5	
11_B : McF_4 : 0	31	29	34	31	26.5	33.5	26.5	29	29	33	28	31.5	3	8	3	1.5	5	1	5	9.5	4	1.5	5	1	15	15	14	10	12.5	11	15	15	14	10	12.5	11	
11_B : exp : Inf	29.5	27	27	35	31.5	37.5	29.5	28.5	28	40.5	35	38	0	3	0	0	2	0	0	4.5	0	0	2	0	12	14	11	5	12	5.5	12	14	11	5	12	5.5	
11_B : exp : 0	37	36	41.5	41.5	40	39.5	35	36.5	36.5	37.5	41	42.5	0	1	0	0	0	0	0.5	0	0	0	0	4	5	3.5	1	3	0.5	4	5	3.5	1	3	0.5		
11_B : Bozic : Inf	27.5	26.5	33.5	33.5	34.5	34	24.5	26	21.5	30.5	31.5	36	0	3	0.5	0.5	2	0.5	1	3.5	1	0.5	2	1	13	15	12	9	13	6	13	15	12	9	13	6	
11_B : Bozic : 0	35	34	31.5	34.5	35.5	42	38	30	35	37.5	38.5	37	0	1	0	0	4	0	0	2	0	0	4	0	6	12.5	7	3	7	2	6	12.5	7	3	7	2	
11_A : McF_6 : Inf	24	21.5	27.5	18.5	20.5	20	18.5	16.5	20.5	19.5	20.5	19.5	0	0.5	0	5	3	4.5	6.5	6	6	7	5	5.5	15	15	15	16.5	16	16.5	20	20	20	16.5	16	16.5	
11_A : McF_6 : 0	25.5	22.5	26	19.5	21.5	24.5	23	17	24.5	20.5	20	24.5	3	6	2	5.5	10.5	5.5	10	17.5	8.5	7	11.5	8	15	15	15	16	16	15	20	20	20	16	16	15	
11_A : McF_4 : Inf	31	28.5	31	30	30	32	34	24	28	27.5	32.5	31	0	1	0	0	0	0	1	3	1	0	0	0	10	12	10	10	10	12	10	10	10	10	10	10	
11_A : McF_4 : 0	33.5	30	34.5	30	32.5	31	27.5	28	28.5	32	31.5	30	2	6.5	2	1.5	4	2	3.5	8	3	1.5	4.5	2	12	15	12	9.5	11	9.5	12	15	12	9.5	11	9.5	
11_A : exp : Inf	31	29	28.5	35	32	33.5	29.5	28.5	33	37.5	34	37	0	2.5	0	0	2	0	0	5	0	0	2	0	10	13	10	4.5	11	5	10	13	10	4.5	11	5	
11_A : exp : 0	35.5	35	33.5	41.5	41	39.5	37	35.5	39	44.5	38	43	0	0	0	0	0	0	0	1	0	0	0	4	5	4	1	4	0	4	5	4	1	4	0		
11_A : Bozic : Inf	28	25.5	26	35	32.5	34	31	22	30	33	32.5	29	0.5	2.5	1	0	2	0	0	5	1	0	2	0	11	14	12	7.5	12	8.5	11	14	12	7.5	12	8.5	
11_A : Bozic : 0	34.5	31.5	27	35.5	41.5	36	33	29	31	35	40.5	40	0	1	0	0	3.5	0	0	1.5	0	0	4	0	6	12	6	3	8	2	6	12	6	3	8	2	
9_B : McF_6 : Inf	13.5	13	13.5	11	11	10	7	12	8	11.5	10.5	10	1	1	1	0.5	1	1	7	8	7	1.5	2	2	5	5	5	9	9	9	13	13	13	9	9	9	
9_B : McF_6 : 0	14.5	13.5	15.5	10.5	11.5	11	7	12	7.5	11.5	11	10.5	2.5	3	1	2	7	2	8	9	8	3	7	3	6	5	5	9	9	9	13	13	13	9	9	9	
9_B : McF_4 : Inf	18.5	15.5	19	18	18	15	17	12.5	18.5	18.5	18	16.5	1	1	0	0	0	1	2	1	2	1	0	0	9	9	9	7	9	7	9	9	9	7	9	7	
9_B : McF_4 : 0	18	14.5	20	17.5	18	20.5	15	12	15	17	15.5	16.5	2.5	7	3	1	3	1	3	7	2.5	1	3	1	9	9	9	7	9	7	9	9	9	7	9	7	
9_B : exp : Inf	18.5	15	18.5	19.5	18.5	22	18	14	18	24	20.5	20	0	1	0	0	1	0	0	1	0	0	1.5	0	9	11	7	3.5	6	3	9	11	7	3.5	6	3	
9_B : exp : 0	20.5	20	22.5	25	25	25.5	22.5	18.5	21	25	21	23.5	0	0	0	0	0	0	0	0	0	0	0	2	4	2	0.5	2	0	2	4	2	0.5	2	0		
9_B : Bozic : Inf	19	16	15	18	16	18.5	14.5	13	14	19	17.5	21	0	1.5	0	0	3	0	0	3	0	0	3	0	9	11	9	5	9	4.5	9	11	9	5	9	4.5	
9_B : Bozic : 0	19	15.5	21	24	22.5	21	19	17	18	19.5	22.5	26.5	0	1	0	0	1	0	0	1	0	0	2	0	5	7	4	2	4.5	1	5	7	4	2	5	1	
9_A : McF_6 : Inf	13.5	13	13.5	15	15	14	11.5	9	10.5	15	15.5	13.5	0	0	0	1	1	1	4	11	4	2	2	2	7	7	5	7	7	15	15	12	7	7	7		
9_A : McF_6 : 0	11	11.5	14.5	14	15	14	9	9.5	9	16.5	17	16	1	2	1	2.5	5	2	6.5	12.5	5	3	5	3	7	7	7	7	8	9	7	15	15	15	8	9	7
9_A : McF_4 : Inf	18.5	19	17.5	19.5	16	20	19	15.5	16.5	20.5	18	17	1	0	0	0	0	0	2	1	0	0	0	5	7	7	5	5	5	5	12	5	5	5	5	5	
9_A : McF_4 : 0	17	18	16.5	21.5	19.5	18.5	16.5	16	20	18.5	18.5	15.5	1.5	4	1	0	1	0	2	5	1.5	0.5	1	0	6	9	7	5	6	6	9	7	5	7	6		
9_A : exp : Inf	21	19.5	20	19	21.5	22	19	16.5	18.5	21	18	23	0	0	0	0	0	0	0	0	0	0	1	0	5	6	5	2	4	2	5	6	5	2	4	2	
9_A : exp : 0	20	21.5	23	22.5	22	25.5	21	22.5	23	25	23	27	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	0	2	0	2	2	0	2	0		
9_A : Bozic : Inf	18.5	15.5	19	17.5	20	18.5	16.5	17.5	17	19.5	17.5	21.5	0	0	0	0	1	0	0	1	0	0	1	0	5	8	5	3	6	3	5	8	5	3	6	3	
9_A : Bozic : 0	23	21	24	23	23.5	22.5	19	19.5	21	24.5	19.5	24	0	0	0	0	1	0	0	0	0	0	1	0	3	5.5	2.5	1	2	1	3	5.5	2.5	1	2.5	1	
7_B : McF_6 : Inf	6	8.5	5	3	4	3	7	8	6.5	6	6.5	0	0	0	0	1	1	1	3	9	3	2	1	1	2	2	2	2	8	8	8	8	8	8	9	8.5	
7_B : McF_6 : 0	5.5	6.5	5.5	4.5	3.5	4.5	6	7.5	6	7	5.5	7	0	1	0	2	3	1	4	8	3	2	4.5	2	2	2	2	2	8	8	8	8	8	8	8	8	
7_B : McF_4 : Inf	7.5	7	6	6	6.5	6	5	3	5	6.5	6.5	7	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	8	8	8	8	8	8	8	8	8	
7_B : McF_4 : 0	7	6.5	7	7.5	7	8	6	3	6	9	7	9	1	2	1	1	1	0	1	2	1	2	4	1	2	2	2	8	8	8	8	8	8	8	8	8	
7_B : exp : Inf	9.5	5	9	11.5	15	11	8	7	6.5	11	15	12	0	0	0	0	4	0	0	0.5	0	0	4	0	2	2	2	6.5	11.5	5	8	8	8	6.5	11.5	5	
7_B : exp : 0	11	9	11	16.5	12	18	13.5	8	12.5	14	13.5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	4	1.5	4	5	4	2	5	1.5	
7_B : Bozic : Inf	7.5	4	7.5	10	15	10.5	4	6	5.5	10	15	11	0	1	0	0	6	1	0	2	0	0	0	6	1	2	2	2	9	14	8.5	8	8	9	14	8.5	
7_B : Bozic : 0	10.5	8	12	12	11	14	7	5	10.5	13	12	13.5	0	0	0	0	4	0	0	0	0	0	4.5	0	1	1.5	1	3.5	8	3	6	7.5	6	3.5	8	3	
7_A : McF_6 : Inf	11	9	10.5	7	8	8	11	8	13	10	11	11	0	0	0	0	0	0	4	9	4	0	0	2	2	2	2	8.5	8	10	7	7	7	8.5	8.5	10	
7_A : McF_6 : 0	10	8	8.5	9	7	9	10.5	7	12	10	9	11	0	1	0	1	2	1	5	10	7	1	4	1	2	2	2	9	8	10	7	7	8	9	8	10	
7_A : McF_4 : Inf	9	9	9.5	7.5	8	9.5	6	6.5	9	10	9.5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	4	4	4	4	6	4	4	4	
7_A : McF_4 : 0	7	8	7.5	10	7	10	6.5	5.5	5	11	8.5	12	0	0	0	0	0.5	0	0	0	0	0	1	3	1	1	2	1	4	6	4	6	8	6	4	6	4
7_A : exp : Inf	11	7	9.5	12.5	13.5	12	7.5	10.5	7	13	14.5	12.5	0	0	0	0	4	0	0	0	0	0	4	0	0	0	6	8	5.5	4	4	4	6	8	5.5		
7_A : exp : 0	10	7.5	10.5	17	12.5	16	11	8	12	14	14	17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	5.5	1	4	5	4	2	5.5	1		
7_A : Bozic : Inf	8.5	8	8	12	14	12	8	11	6	11	15	11.5	0	0	0	1	4.5	1	0	0	0	0	1	4.5	1	1	1	7	9	7	6						

Inferred edges; N = 100

11_B : McF_6 : Inf	27	19	22	20.5	22	20	19	17	18	20.5	21	21.5	0	0	1	3	3	2	2	4.5	2	3	3	2	15	15	16	16	16	16	20	20.5	21	16	16	16	16	16	
11_B : McF_6 : 0	22	22.5	22.5	23	23	24.5	20	16.5	16.5	20	18.5	22.5	1	4	1	1	7.5	4	3.5	6	2.5	1.5	8	4	16	15	15	16	16	16	17	21	20	20	16	16	17		
11_B : McF_4 : Inf	33	31	31	29.5	30.5	35	32	20.5	29.5	32.5	29.5	32	0	0	0	0	0	0	0	0	0	0	0	4	12	15	12	9.5	10	10	12	15	12	9.5	10	10	10	10	
11_B : McF_4 : 0	29.5	26.5	33	35.5	33.5	32.5	25.5	24.5	28.5	30	29.5	26	1	4	1	0	2	0	1	5	1	1	2.5	0	12	15	12	8.5	11	8.5	12	15	12	8.5	11	8.5	11	8.5	
11_B : exp : Inf	31	31	31	36.5	34.5	37	31.5	30.5	25	39	36	37	0	0.5	0	0	1	0	0	1	0	0	1	0	8	13	10	5	9	4.5	8	13	10	5	9	4.5	8	4.5	
11_B : exp : 0	41.5	33	38.5	45	37	40.5	41	31.5	46	44	39	47.5	0	0	0	0	0	0	0	0	0	0	0	0	3	4.5	3	1	3	1	3	4.5	3	1	3	1	3	1	
11_B : Bozic : Inf	31	27	33.5	32.5	33.5	36	30	24.5	28.5	32	34.5	32	0	1	0	0	2	0	0	1.5	0	0	2	0	12	15	12	6	9.5	5.5	12	15	12	6	9.5	5.5	12	6	
11_B : Bozic : 0	37.5	31.5	33.5	35.5	37	39.5	38.5	30.5	35	39	37.5	43.5	0	1	0	0	1.5	0	0	1	0	0	2	0	5	8.5	4	2	6.5	1	5	8.5	4	2	6.5	1	5	8.5	4
11_A : McF_6 : Inf	26.5	22	26	21.5	24	21.5	22.5	18.5	26.5	23	19.5	19.5	0	0	1	1	2	1	2	3.5	2	1.5	3	1.5	16	15	16	15	15	16	21	21	21	15	15	16	16		
11_A : McF_6 : 0	28	21	28	22.5	22.5	25	23.5	15.5	24	23.5	26.5	26	1	3	1	4	6	3.5	3	5.5	3	4	6	4	16	15	15	16	16	16	21	20	20.5	16	16	16	16		
11_A : McF_4 : Inf	29.5	30	32	34	30.5	32.5	28	23.5	28	29.5	30	36.5	0	0	0	0	0	0.5	0	0	0	0	0	4	11	12.5	10	8	9	9	11	13	10	8	9	9	9	9	
11_A : McF_4 : 0	33	31.5	32.5	32.5	34.5	32	27	23	30	30	29.5	30	1	2	1	0	2	0.5	1	3	1	0	3	1	11	14.5	11	7.5	9.5	7	11	15	11	7.5	9.5	7	7	7	
11_A : exp : Inf	34	30.5	33.5	40.5	33	35.5	32	30	33	38.5	34.5	34	0	1	0	0	1.5	0	0	1	0	0	1.5	0	8	11.5	6	4	8.5	4	8	11.5	6	4	8.5	4	8.5	4	
11_A : exp : 0	35.5	37.5	39	43.5	39	43	40.5	33	37	46.5	40	45.5	0	0	0	0	0	0	0	0	0	0	0	0	3.5	4.5	3	0	3	0	3.5	4.5	3	0	3	0	3	0	
11_A : Bozic : Inf	28.5	26.5	31.5	33.5	37	39.5	33.5	25.5	30.5	36.5	31.5	37.5	0	1	0	0	2	0	0	1	0	0	2	0	10	12	10	5.5	9	5	10	12	10	5.5	9	5	10	5.5	9
11_A : Bozic : 0	35	32	34.5	41.5	37.5	43.5	34.5	29	35	40	43	40.5	0	1	0	0	1	0	0	1	0	0	1	0	5.5	8.5	5	2	5	1	5.5	8.5	5	2	5	1	5	1	
9_B : McF_6 : Inf	12.5	12	13	13	11	11	6	10.5	7.5	12	11	13.5	0	0	0	0	0	0	0	0.5	0	0	0	0	5	5	5	9	9	9	13	13	13	9	9	9	9		
9_B : McF_6 : 0	12	15	13	12.5	11	14	8	10	8	13	11	11.5	1	1.5	0	1	3.5	1	1	2.5	1	1	4	1	5	5	5	9	9	9	13	13	13	9	9	9	9		
9_B : McF_4 : Inf	18	15.5	20	16	17.5	17	14.5	10	17	17	16	16	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9	7	7	7	9	9	9	7	7	7	7	7	
9_B : McF_4 : 0	20	15.5	17	18.5	17	17	15.5	12.5	16.5	17	18	17	0	3	0	0	1	0	0	3	0	0	1	0	9	9	9	6.5	7	5	9	9	9	6.5	7	5	9		
9_B : exp : Inf	20.5	16	19	22	24.5	22	16	17	18	23	23.5	22.5	0	1	0	0	0.5	0	0	1	0	0	0.5	0	5	11	5	2.5	7	2	5	11	5	2.5	7	2	5	11	
9_B : exp : 0	22.5	20.5	20	26.5	22	25	22	19	23	26	21.5	25.5	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	0	2	0	2	3	2	0	2	0	2	0	
9_B : Bozic : Inf	17	17	19	19.5	20	21.5	17.5	15	15	22	16	18	0	0.5	0	0	2	0	0	1	0	0	2	0	9	11	8	3	6.5	4	9	11	8	3.5	6.5	4	9	11	
9_B : Bozic : 0	24	19	21	23.5	20	24	21	17.5	23	23	21	24.5	0	1	0	0	0	0	0	1	0	0	1	0	3	5.5	3	1	4	0	3	5.5	3	1	4	0	3	5.5	
9_A : McF_6 : Inf	12	11	14.5	14.5	14	16	11	11	11	15	17.5	15	0	0	0	0	0	0	0	3	0	0	0.5	0	5	7	5	7	7	7	12	15	12	7	7	7	7	7	
9_A : McF_6 : 0	13	14	13	16	14.5	15	10.5	11	10.5	15	15.5	15	0	1	0	1	2.5	1	1	3	1	1	2.5	1	7	7	7	7	7	7	15	15	13	9	7.5	7	7	7	
9_A : McF_4 : Inf	19	19.5	20.5	18.5	20	20	16.5	14	17.5	20.5	15.5	21.5	0	0	0	0	0	0	0	1	0	0	0	0	5	7	5	5	5	5	5	12	5	5	5	5	5	5	
9_A : McF_4 : 0	19	19	18	18.5	19	17	18	18	17	17	20.5	18.5	0.5	2	0	0	1	0	0	1	3	0	0	1	6	8	6.5	5	5	5	6	8	6.5	5	5	5	5	5	
9_A : exp : Inf	19.5	18.5	19.5	25	21.5	22	18	17.5	18.5	25	23	20	0	0	0	0	0	0	0	0.5	0	0	0	0	4	6	4.5	2	3.5	2	4	6	4.5	2	3.5	2	4	6	
9_A : exp : 0	23.5	22	23.5	26	25	23.5	23.5	19	25	25.5	23.5	26	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1	0	1	2	1	0	1	0	1	0	
9_A : Bozic : Inf	17.5	17	19	23	21.5	23	17.5	18	17	21.5	23.5	19.5	0	0	0	0	0	0	0	0	0	0	0.5	0	5	6	5	2	4	2	5	6	5	2	4	2	5	6	
9_A : Bozic : 0	20.5	19	22	23.5	20	24	25	20.5	25	23	24.5	23.5	0	0	0	0	0	0	0	0	0	0	0	0	2	5	2	1	3	0	2	5	2	1	3	0	2	5	
7_B : McF_6 : Inf	7	7.5	7	5	3	4	7	7.5	6	6	6	6	0	0	0	0	0.5	0.5	0	3	0	0	1	2	2	2	2	8	8	8	8	8	8	8	8	8	8	8	
7_B : McF_6 : 0	7.5	8	5	5.5	5	5	6.5	7	6	7	6	7	0	0	0	1	1.5	1	0	3	0	0	1	2	2	2	2	9	9	9	8	8	8	8	8	8	8	8	
7_B : McF_4 : Inf	8	7	8	6	5.5	6	5.5	6.5	6	7.5	6.5	6.5	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	8	8	8	8	8	8	8	8	8	8	8	8
7_B : McF_4 : 0	7	7.5	7	7	6.5	7	5	4	5	9	8	9	0	1	0	0	0	0	0	1	0	0	1	0	2	2	2	8	8	8	8	8	8	8	8	8	8	8	8
7_B : exp : Inf	8.5	6	8	13	13	12.5	6.5	9	8	12.5	15	12	0	0	0	0	4	0	0	0	0	0	0	0	1	2.5	1	5	10.5	4	6	8.5	6	5	10.5	4	6	8.5	
7_B : exp : 0	11.5	11	14.5	13	14	16	13.5	10	13	15	15	16.5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	0.5	4	5	3	1	4	0.5	4		
7_B : Bozic : Inf	8.5	4.5	8	11	16	12	5.5	8	5	11	15	11	0	1	0	0.5	4	0	0	3.5	0	0	1	2	2	3	2	7	13	8	8	8	8	7	13	8	8		
7_B : Bozic : 0	10.5	8	10	12.5	12	14	9.5	6	11	13.5	12	15	0	0	0	0	2	0	0	0	0	0	0	1	1	1	0.5	3	8	2	6	6	4.5	3	8	2	6		
7_A : McF_6 : Inf	10	10	9.5	9	8	8	11	8.5	12.5	10	10	10	0	0	0	0	0	0	0	2	0	0	0	0	2	2	2	10	6	8.5	7	7	7	7	10	10	10		
7_A : McF_6 : 0	11	9.5	9.5	9	8	10	11	8	12	10	10	10	0	0	0	0	0.5	0	0	4	0	0	1	2	2	2	10	10	10	7	7	7	7	10	10	10	10		
7_A : McF_4 : Inf	9	10.5	10	9	8.5	8	8.5	7	9	9	10	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	4	4	4	4	6	4	4	4	4	4	
7_A : McF_4 : 0	8	8	9	8	8	9	7	6	6	11	7	12.5	0	0	0	0	0	0	0	0	0	0	0	1	2	0	4	5	4	6	8	5	4	5	4	5	4		
7_A : exp : Inf	9.5	7.5	10.5	13	13	12.5	8.5	11	7	13	14	12	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	4	8	5	4	5	4	4	8	5	4		
7_A : exp : 0																																							

**2.2 Diff, Drivers Known**



Diff; N = 1000

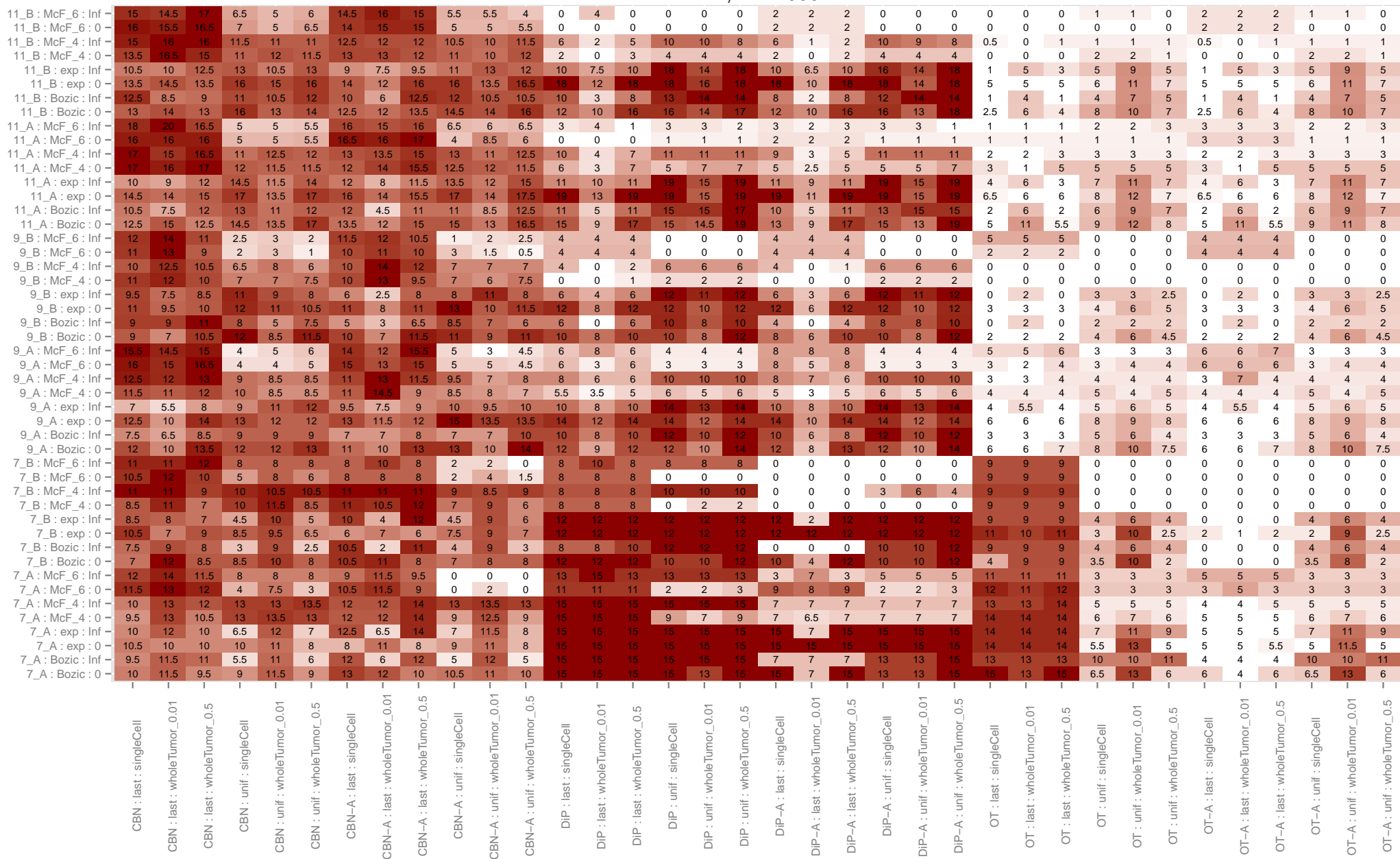


Figure 4: Drivers Known, Diff, N = 1000

Diff; N = 200

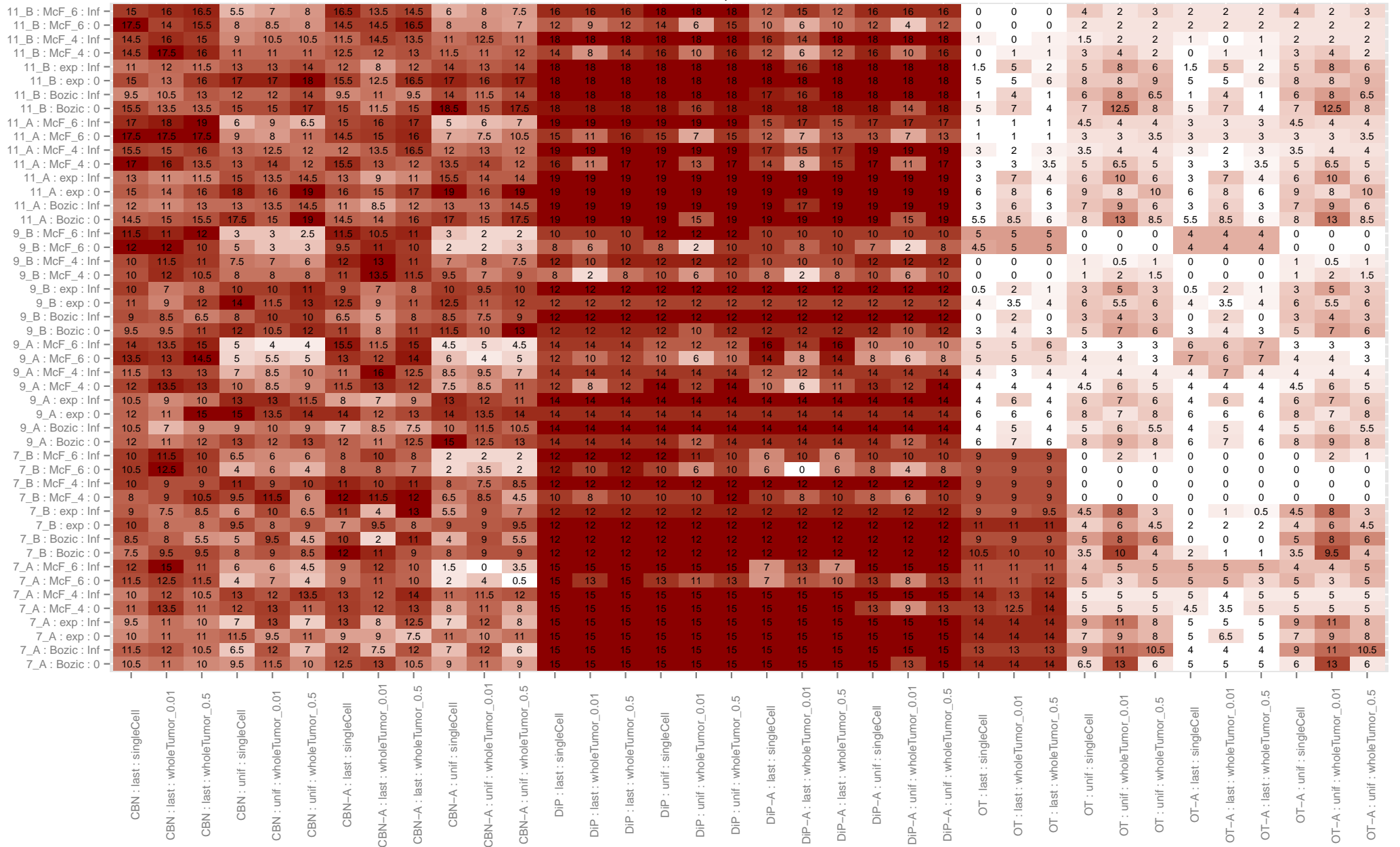


Figure 5: Drivers Known, Diff, N = 200

Diff; N = 100

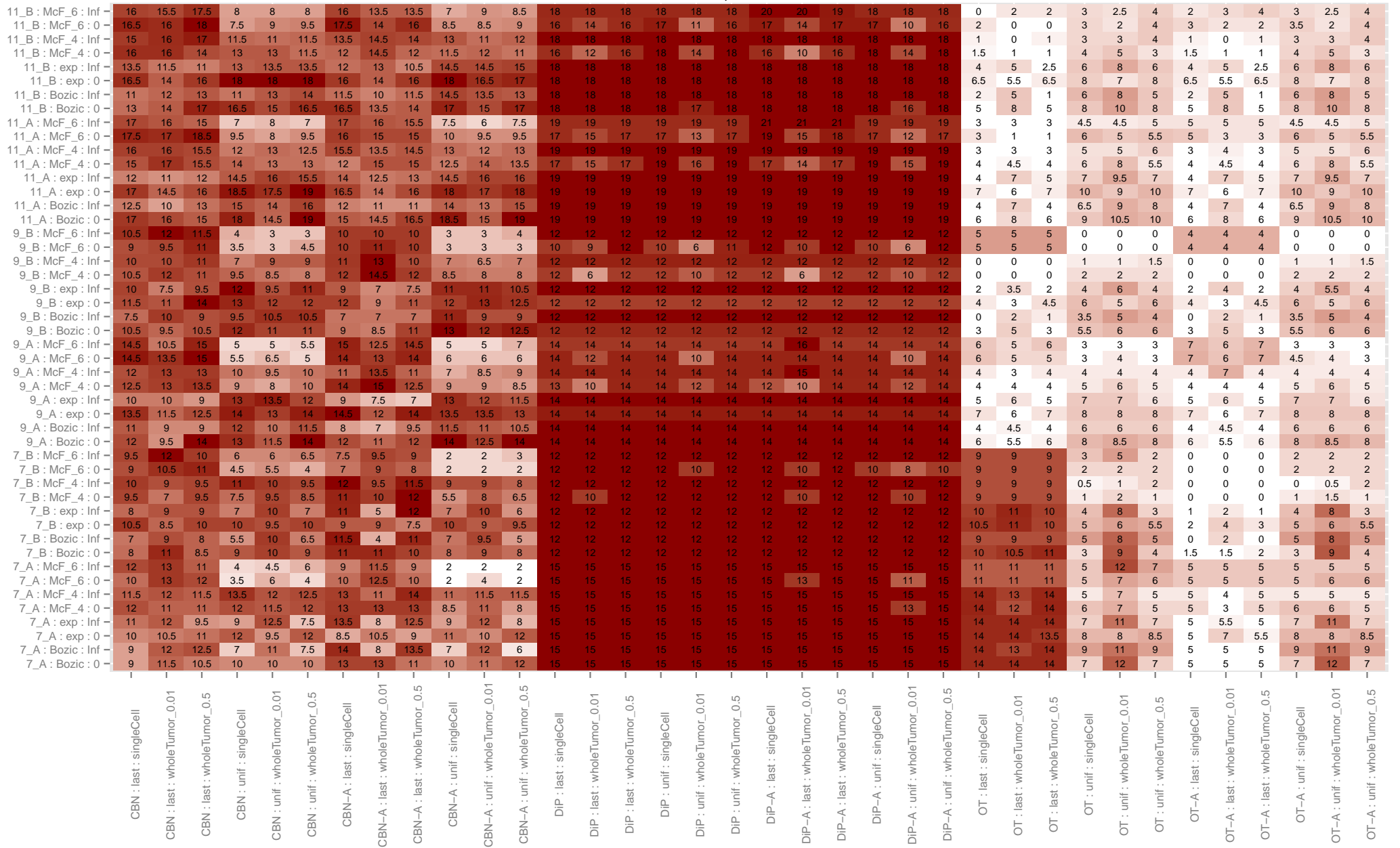


Figure 6: Drivers Known, Diff, N = 100

**2.3 PFD, Drivers Known**

PFD; N = 1000

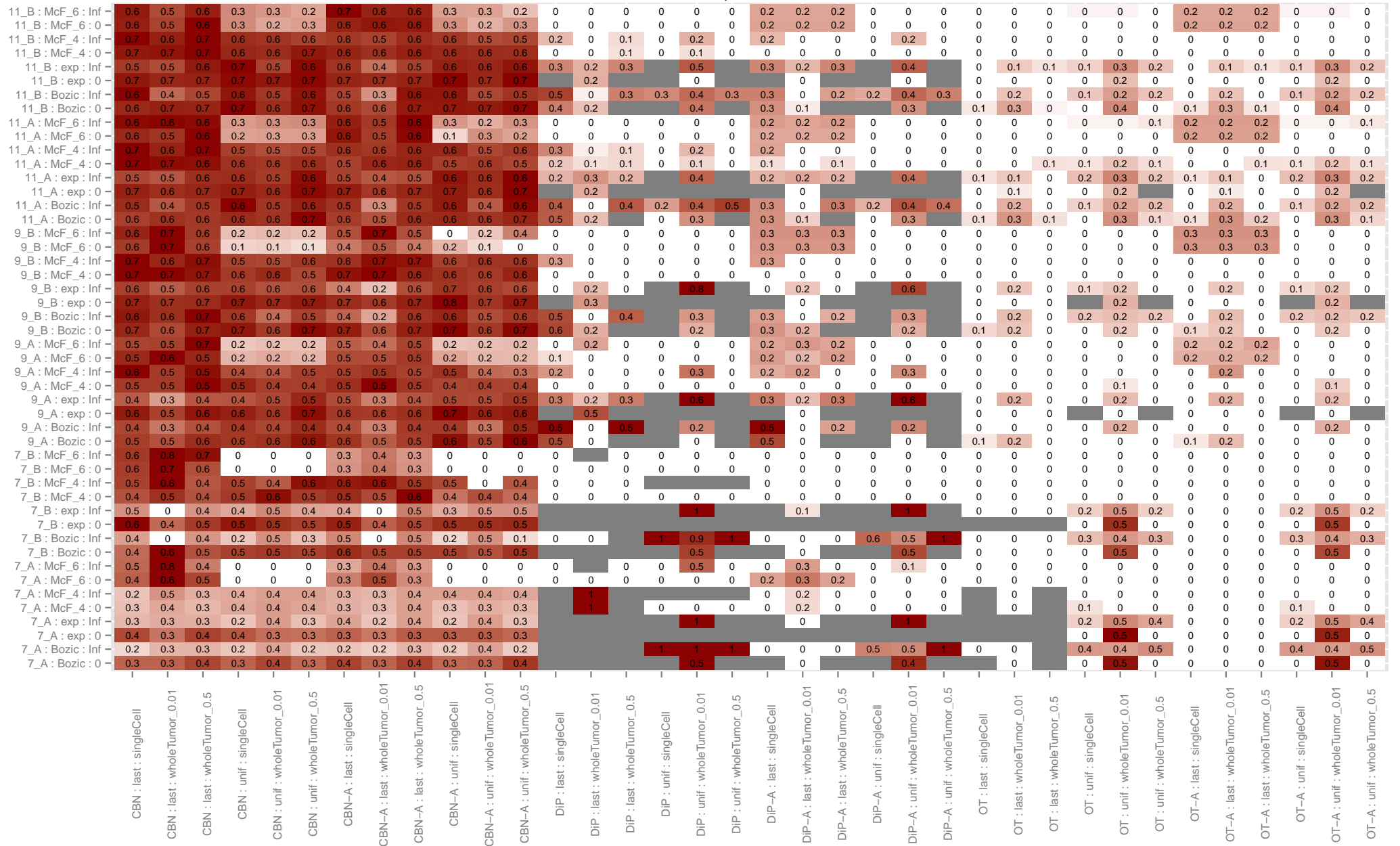


Figure 7: Drivers Known, PFD, N = 1000

PFD; N = 200

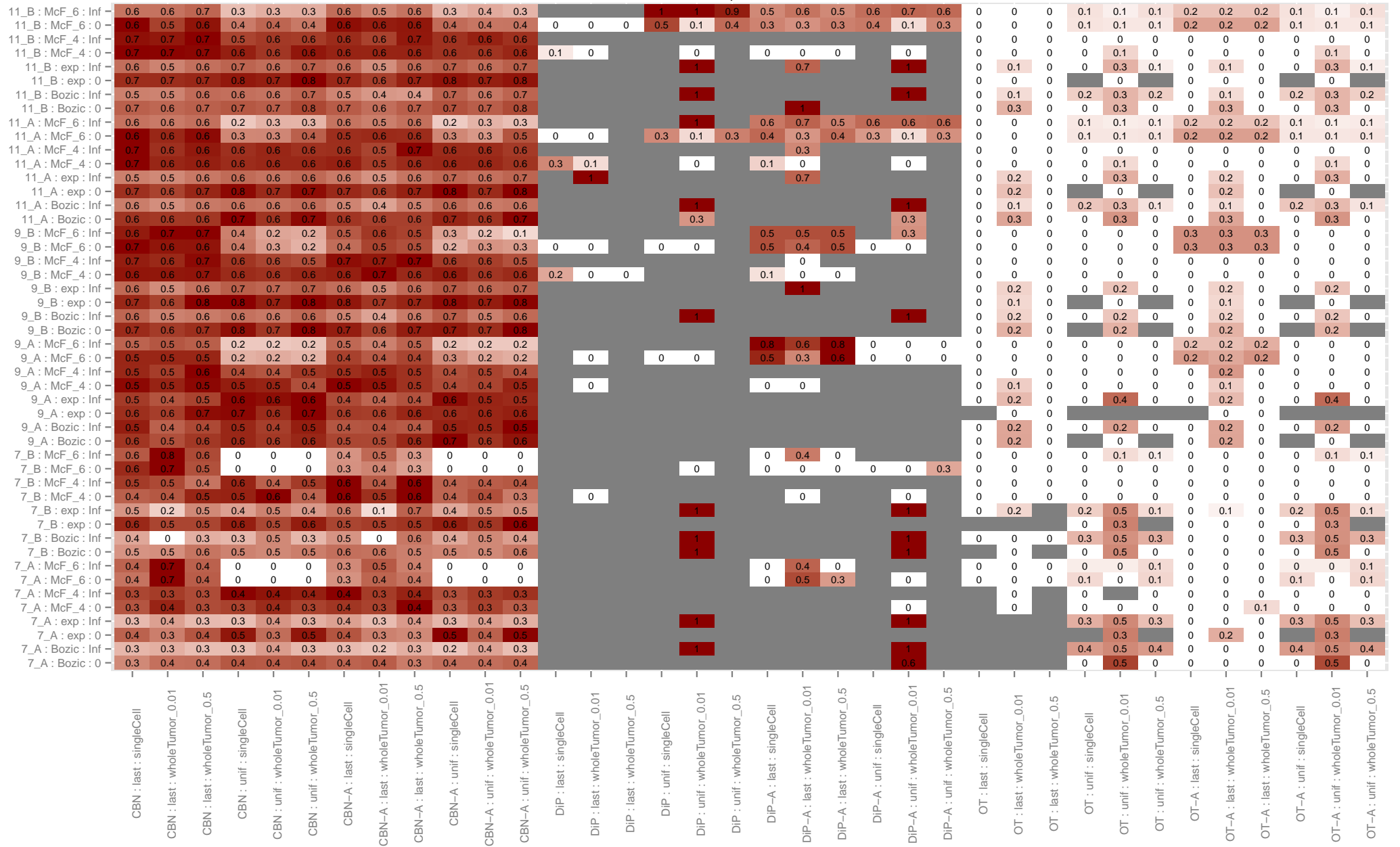


Figure 8: Drivers Known, PFD, N = 200

PFD; N = 100

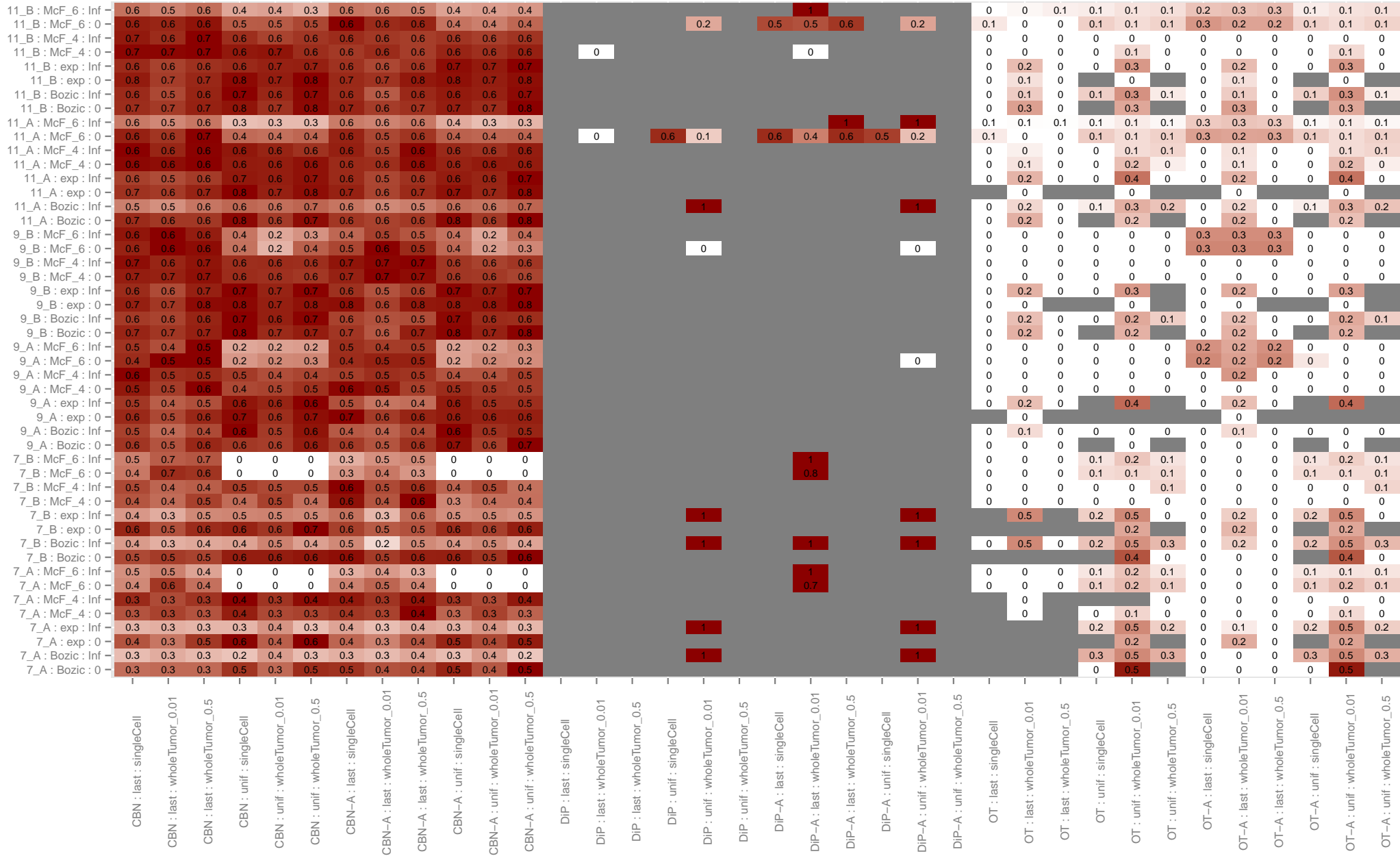


Figure 9: Drivers Known, PFD, N = 100

**2.4 PND, Drivers Known**



PND; N = 1000

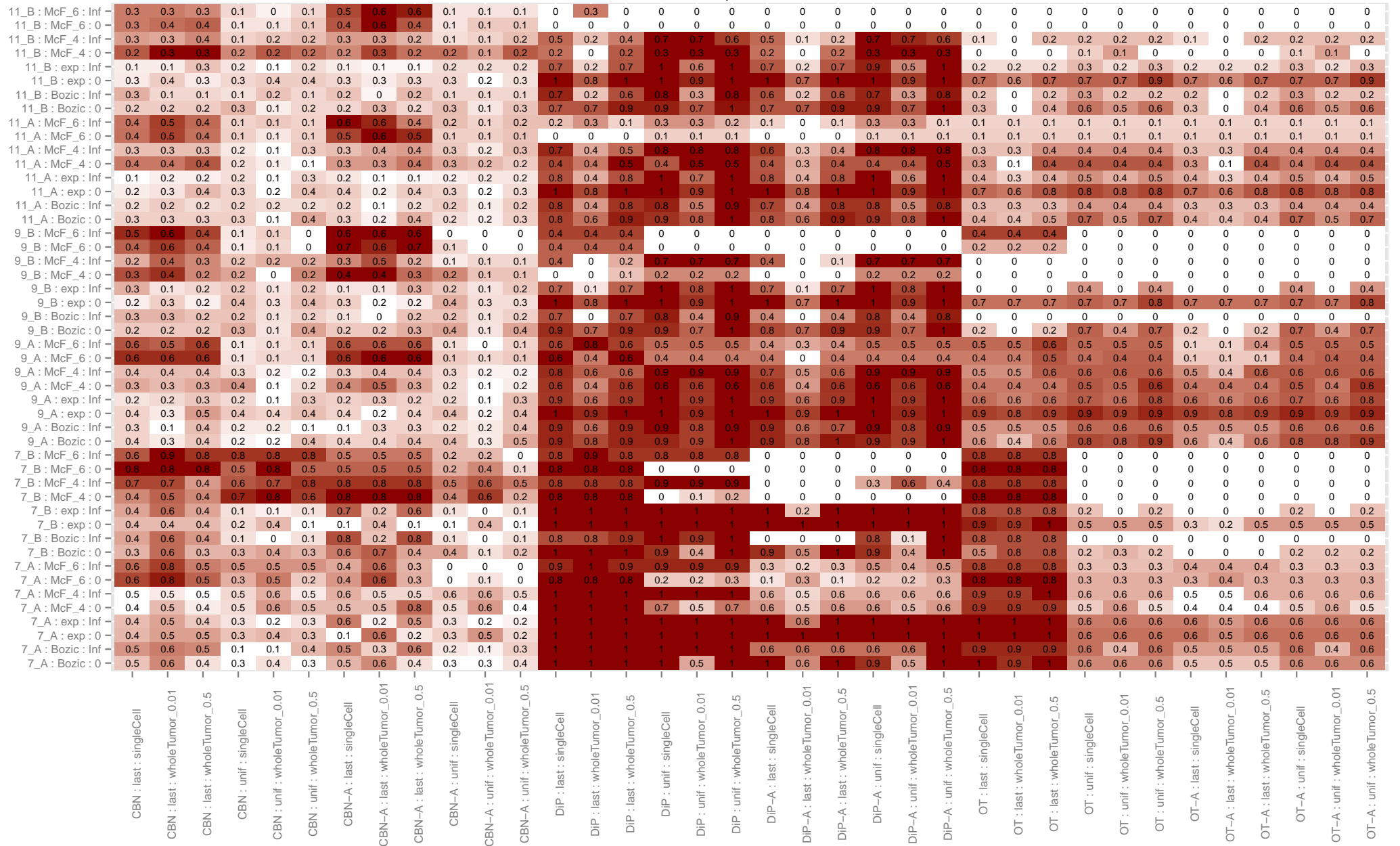


Figure 10: Drivers Known, PND, N = 1000

PND; N = 200

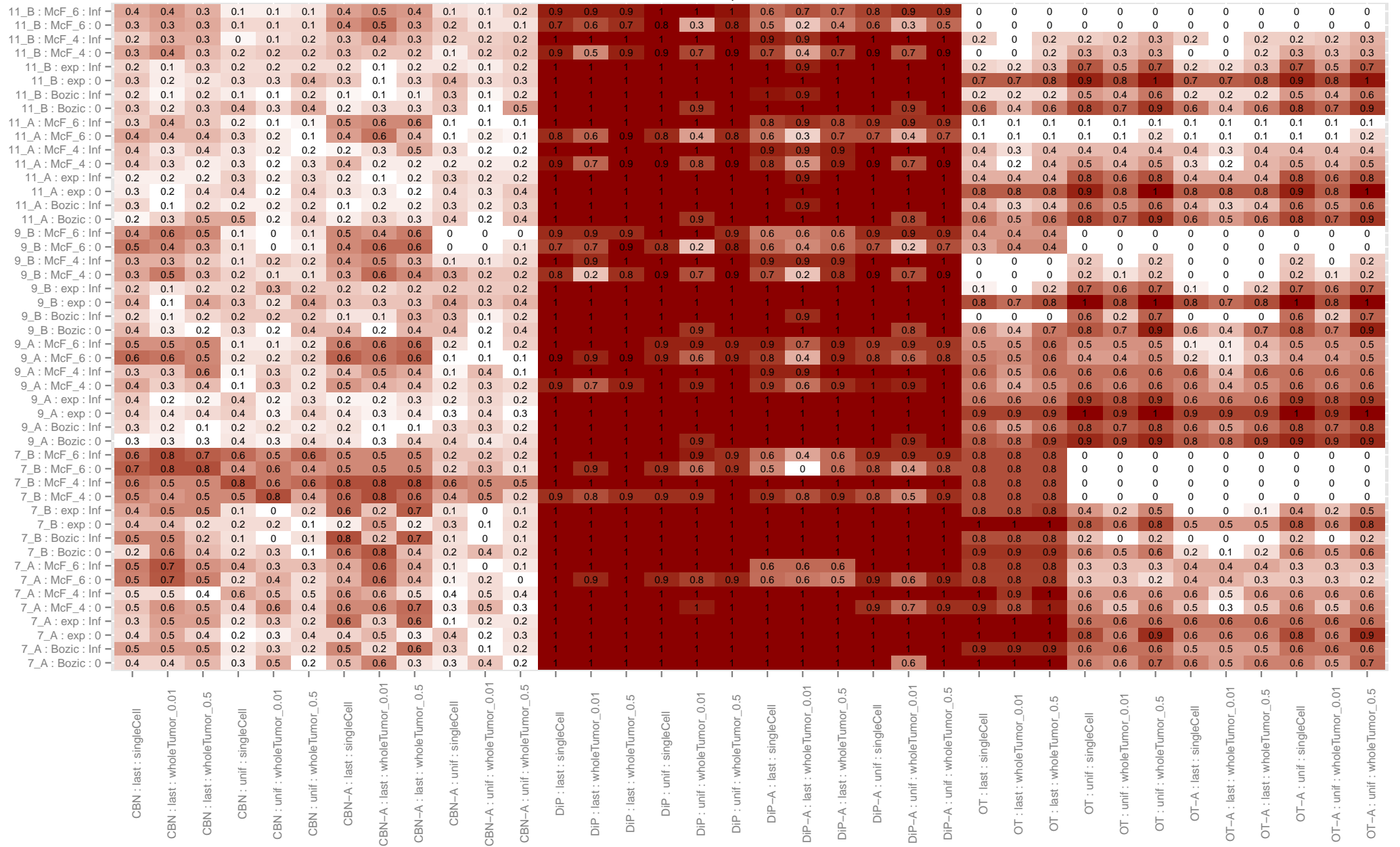


Figure 11: Drivers Known, PND, N = 200

PND; N = 100

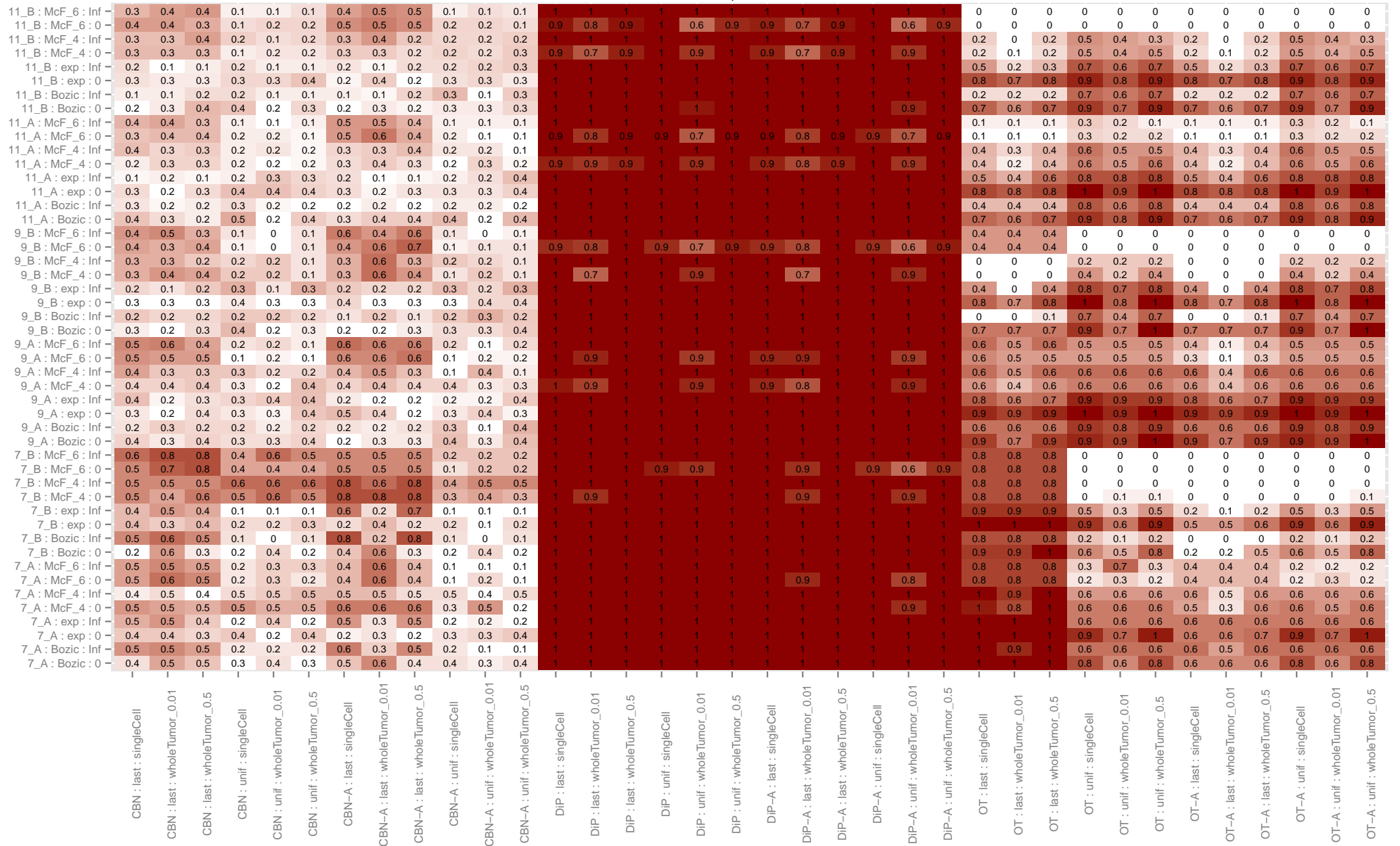


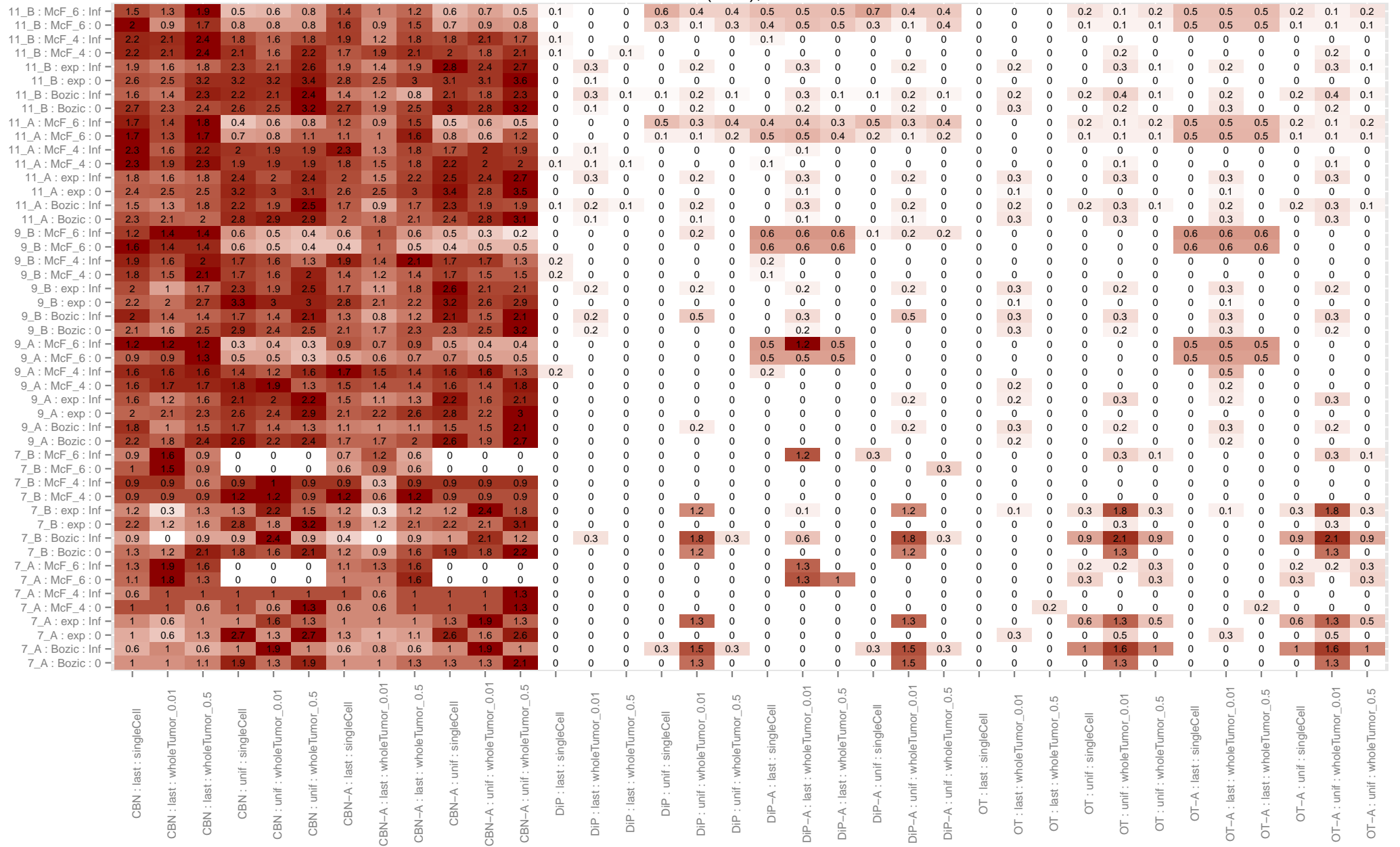
Figure 12: Drivers Known, PND, N = 100

**2.5 FPF, Drivers Known**

FPF (x 10); N = 1000

11_B : McF_6 : Inf	1.7	1.1	1.7	0.7	0.6	0.4	1.5	0.8	1.3	0.5	0.5	0.3	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0.1	0.1	0	0.5	0.5	0.5	0.1	0.1	0
11_B : McF_6 : 0	1.6	1.2	1.7	0.6	0.4	0.5	1.4	1.1	1.3	0.6	0.3	0.5	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	
11_B : McF_4 : Inf	2.3	1.8	2.1	2.1	1.8	1.7	1.5	1.2	1.9	1.8	1.4	1.6	0.2	0	0.1	0	0.2	0	0.2	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11_B : McF_4 : 0	2.2	2.2	2.2	2.1	1.9	2.3	1.9	1.6	2.1	1.8	2.1	1.8	0	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
11_B : exp : Inf	1.6	1.4	1.9	2.4	1.7	2.2	1.8	0.9	1.3	2.2	1.6	2	0.2	0.3	0.2	0.1	0.7	0.1	0.2	0.3	0.2	0.1	0.6	0.1	0	0.2	0.1	0.1	0.6	0.2	0	0.2	0.1	0.1	0.6	0.2	
11_B : exp : 0	2.9	2.3	2.6	2.9	2.4	3.1	2.4	2.3	2.6	2.8	2.7	3.3	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.1	0
11_B : Bozic : Inf	1.9	0.9	1.4	1.8	1.4	2.1	1.3	0.6	1.6	1.9	1.2	1.7	0.4	0.1	0.3	0.1	0.7	0.2	0.3	0	0.2	0.1	0.7	0.2	0	0.3	0	0.2	0.4	0.2	0	0.3	0	0.2	0.4	0.2	
11_B : Bozic : 0	2.1	2.1	2.4	2.9	2.4	2.7	2.1	1.5	2.7	2.6	2.7	2.8	0.2	0.1	0.1	0	0.4	0	0.2	0.1	0.1	0	0.2	0	0.1	0.5	0.1	0	0.5	0	0.1	0.5	0.1	0	0.5	0	
11_A : McF_6 : Inf	1.6	1.3	1.5	0.5	0.6	0.6	1.1	0.9	1.5	0.5	0.4	0.5	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0.1	0.1	0.1	0.5	0.5	0.5	0.1	0.1	0.1	
11_A : McF_6 : 0	1.4	1.2	1.6	0.5	0.6	0.6	1.2	0.8	1.5	0.2	0.5	0.4	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	
11_A : McF_4 : Inf	2.6	2.2	2.4	1.6	1.6	1.7	1.8	1.4	1.8	1.8	1.7	1.7	0.3	0.1	0.1	0	0.1	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11_A : McF_4 : 0	2.3	2.1	2.2	1.9	2	2.3	1.6	1.8	1.9	1.7	1.7	1.7	0.2	0.1	0.1	0	0.1	0	0.1	0	0.1	0	0.1	0	0	0	0	0.1	0.1	0.2	0.1	0	0.1	0.1	0.2	0.1	
11_A : exp : Inf	1.6	1.3	1.7	2	1.8	1.8	1.7	1.3	1.5	2	1.8	2.4	0.1	0.4	0.1	0.1	0.5	0.2	0.1	0.3	0.1	0.1	0.5	0.1	0.1	0.2	0	0.1	0.5	0.2	0.1	0.2	0	0.1	0.5	0.2	
11_A : exp : 0	2.7	2.2	2.3	2.8	2.7	2.7	2.6	2.2	2.5	2.7	2.7	3.2	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0.1	0	0	0.1	0	0	0.1	0	
11_A : Bozic : Inf	1.5	1	1.7	2	1.5	1.9	1.7	0.6	1.7	1.8	1.2	1.9	0.3	0	0.3	0.1	0.6	0.2	0.2	0	0.2	0.1	0.6	0.2	0	0.3	0	0.1	0.3	0.2	0	0.3	0	0.1	0.3	0.2	
11_A : Bozic : 0	1.6	1.9	1.9	2.2	2.6	2.6	2.3	1.6	2.2	2.6	2.6	2.6	0.3	0.1	0.2	0	0.2	0	0.2	0.1	0.2	0	0.2	0	0.1	0.6	0.1	0	0.4	0.1	0.1	0.6	0.2	0	0.4	0.1	
9_B : McF_6 : Inf	1	1.4	1	0.3	0.3	0.3	0.6	1.3	0.6	0	0.2	0.8	0	0	0	0	0	0	0.6	0.6	0.6	0	0	0	0	0	0	0	0	0.6	0.6	0.6	0	0	0	0	
9_B : McF_6 : 0	1.2	1.4	1	0.2	0.2	0.2	0.5	0.7	0.3	0.4	0.2	0	0	0	0	0	0	0	0.6	0.6	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9_B : McF_4 : Inf	2.3	1.3	2.2	1.5	1.2	1.4	1.3	1.3	2.1	1.4	1.6	1.8	0.3	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9_B : McF_4 : 0	2.1	1.7	2.1	1.4	1.7	1.3	1.6	1.5	1.6	1.5	1.4	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9_B : exp : Inf	1.9	1.3	1.8	1.9	1.7	1.7	1	0.3	1.6	1.9	2.3	1.3	0	0.3	0	0	0.8	0	0	0.3	0	0	0.7	0	0	0.3	0	0.2	0.3	0	0	0.3	0	0.2	0.3	0	
9_B : exp : 0	2.5	2.1	2.7	2.7	2.2	2.7	2.1	1.9	2.6	2.5	2.2	2.6	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.3
9_B : Bozic : Inf	1.7	1.3	1.9	1.4	0.9	1.3	1	0.4	1.6	1.6	1.2	1.3	0.5	0	0.4	0	0.3	0.2	0.2	0	0.2	0	0.3	0.2	0	0.3	0	0.2	0.3	0.2	0	0.3	0	0.2	0.3	0.2	
9_B : Bozic : 0	2.3	1.6	2.5	2.1	2.1	2.5	2.1	1.3	2.3	2.4	2	2.5	0.2	0.2	0.2	0	0.2	0	0.2	0.2	0.2	0	0.2	0	0.2	0.3	0	0.2	0	0.2	0.3	0	0	0.2	0		
9_A : McF_6 : Inf	1.2	1.4	1.6	0.3	0.5	0.5	0.9	0.9	0.9	0.4	0.5	0.5	0	0.2	0	0	0	0	0.5	0.7	0.5	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	
9_A : McF_6 : 0	1.3	1.3	1.6	0.5	0.5	0.5	0.7	0.8	0.9	0.5	0.5	0.3	0.1	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0		
9_A : McF_4 : Inf	1.9	1.2	2	1.3	1.2	1.5	1.4	1.3	1.4	1.6	1	0.9	0.2	0	0	0	0.2	0	0.2	0.4	0	0	0.2	0	0	0	0	0	0	0	0.5	0	0	0	0	0	
9_A : McF_4 : 0	1.5	1.6	1.9	1.6	1.4	1.3	1.6	1.6	1.2	1.5	1.7	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.2	0	
9_A : exp : Inf	1.4	0.7	1.2	1.6	2	1.6	1.5	0.9	1.4	1.7	1.6	1.9	0.2	0.2	0.2	0	0.5	0	0.2	0.2	0.2	0	0.5	0	0	0.3	0	0.2	0	0	0.3	0	0	0.2	0		
9_A : exp : 0	2.6	2	2	2.4	2	2.7	2.1	2.2	2.1	2.5	2.5	2.6	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9_A : Bozic : Inf	1.2	0.8	0.9	1.4	1.2	1.6	1.1	0.7	1	1.2	0.9	1.2	0.3	0	0.3	0	0.2	0	0.3	0	0.2	0	0.2	0	0	0	0	0.2	0	0	0	0	0	0	0.2	0	
9_A : Bozic : 0	2.1	1.4	2.2	2.2	2.3	2.5	1.7	1.5	1.6	2.2	2	2.4	0.2	0	0.2	0	0	0	0.2	0	0.2	0	0	0	0.1	0.3	0	0	0	0.1	0.3	0	0	0	0	0	
7_B : McF_6 : Inf	1	1.6	1.2	0	0	0	0.6	0.9	0.6	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	
7_B : McF_6 : 0	1.2	1.3	0.9	0	0	0	0.6	0.9	0.6	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	
7_B : McF_4 : Inf	0.9	0.9	1.2	0.9	0.9	0.9	0.9	0.9	0.9	1	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
7_B : McF_4 : 0	1.2	0.9	1.2	0.9	0.9	0.9	0.9	0.6	1.2	0.9	1	1.2	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
7_B : exp : Inf	1.2	0	1	1.2	2.1	1.2	0.4	0	1.2	1	1.8	1.6	0	0.3	0	0	1.8	0	0	0.3	0	0	1.8	0	0	0	0.6	1.8	0.3	0	0	0	0.6	1.8	0.3	0	
7_B : exp : 0	1.6	0.9	1.2	2.1	1.8	1.8	2.1	0.9	1.6	2.1	1.8	2.1	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	1.2	0
7_B : Bozic : Inf	0.9	0	1.2	0.6	2.1	0.9	0.6	0	0.7	0.3	1.9	0.3	0	0	0.3	0.6	2.4	0.6	0	0	0	0	0.7	2.2	0.6	0	0	0.9	1.8	1	0	0	0	0	0.9	1.8	1
7_B : Bozic : 0	0.9	1.2	1.3	1.5	1.6	1.6	0.9	0.9	1.2	1.6	1.5	1.8	0	0	0	0	1.2	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	0	0	1.5	0
7_A : McF_6 : Inf	1.1	1.3	1.3	0	0	0	1	1.1	1.3	0	0	0	0	0	0	0	0.3	0	0	0	0	0	1.3	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0
7_A : McF_6 : 0	1	1.3	1.5	0	0	0	1	1.1	1.3	0	0	0	0	0	0	0	0	0	1	1.3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7_A : McF_4 : Inf	0.6	1.3	1	1	0.8	1.3	0.6	0.6	1	1.1	0.6	1	0	0.3	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7_A : McF_4 : 0	0.6	1	0.8	1.3	1	1.3	0.6	0.6	0.6	0.6	0.6	1	0	0.3	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	
7_A : exp : Inf	0.6	1	1	0.8	1.9	1	0.6	1	1.1	0.8	1.9	1	0	0	0	0	1.3	0.3	0	0	0	0	0	0	0	0	0.3	1.3	0.8	0	0	0	0.3	1.3	0.8		
7_A : exp : 0	1.3	0.6	1.3	1.6	1	1	1.5	0.6	1.3																												

FPF (x 10); N = 200



FPF (x 10); N = 100

11_B : McF_6 : Inf	1.6	1	1.3	0.8	0.9	0.6	1.3	1.1	1.1	0.8	0.9	0.9	0	0	0.1	0.3	0.3	0.2	0.2	0.4	0.2	0.3	0.3	0.2	0	0.1	0.1	0.1	0.2	0.2	0.5	0.6	0.6	0.1	0.2	0.2		
11_B : McF_6 : 0	1.4	1.3	1.5	1.1	1.1	1.3	1.4	1.1	1	0.8	0.7	0.9	0.1	0	0	0.1	0.1	0.2	0.2	0.3	0.1	0.2	0.2	0.2	0.1	0	0.2	0.2	0.2	0.6	0.5	0.5	0.2	0.2	0.2			
11_B : McF_4 : Inf	2.6	2	2.3	2.1	1.8	2.3	2.3	1.1	1.8	2.2	1.8	2.3	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	
11_B : McF_4 : 0	2.2	1.8	2.4	2.4	2.4	2.1	1.6	1.5	1.6	1.9	1.9	1.8	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	
11_B : exp : Inf	2.1	1.9	2.1	2.4	2.5	2.5	2.1	1.8	1.6	2.7	2.7	2.8	0	0.1	0	0	0.1	0	0	0.1	0	0	0.1	0	0	0.3	0	0	0.3	0	0	0.3	0	0	0	0.1	0	
11_B : exp : 0	3.4	2.3	2.9	3.5	2.9	3.4	3.2	2.2	3.5	3.4	3.1	3.9	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	
11_B : Bozic : Inf	1.9	1.6	2.2	2.4	2.3	2.5	1.9	1.2	1.9	2.2	2.3	2.3	0	0.1	0	0	0.2	0	0	0.2	0	0	0.2	0	0	0.2	0	0.1	0.3	0.1	0	0.2	0	0.1	0.3	0.1		
11_B : Bozic : 0	2.8	2.2	2.6	2.7	2.6	3.1	2.8	2.2	2.5	3.3	2.7	3.4	0	0.1	0	0	0.1	0	0	0.1	0	0	0.1	0	0	0.3	0	0	0.2	0	0	0.2	0	0	0.2	0	0	
11_A : McF_6 : Inf	1.7	1.3	1.7	0.7	0.9	0.8	1.2	1.2	1.7	0.9	0.6	0.7	0	0	0.1	0.1	0.2	0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.6	0.6	0.6	0.1	0.2	0.1		
11_A : McF_6 : 0	1.8	1.2	1.9	0.9	1	1.2	1.6	0.8	1.5	1.1	1.3	1.1	0	0	0	0.2	0.1	0.2	0.2	0.3	0.2	0.2	0.1	0.2	0.1	0	0.2	0.2	0.2	0.6	0.5	0.6	0.2	0.2	0.2			
11_A : McF_4 : Inf	2.1	1.8	2.2	2.2	1.9	1.9	1.8	1.5	1.7	1.7	1.8	2.3	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0.1	0	0.1	0.1	0.1	0.1	0	0	0	0.1	0.1	0.1	
11_A : McF_4 : 0	2.3	2.2	2.2	2.2	2.3	2.1	1.7	1.2	2	1.8	2	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.2	0.1	0	0.1	0	0	0.2	0.1	0	
11_A : exp : Inf	1.9	1.8	2.1	2.7	2.3	2.6	2.2	1.8	2.1	2.7	2.2	2.5	0	0.1	0	0	0.2	0	0	0.1	0	0	0.2	0	0	0.3	0	0	0.4	0	0	0.3	0	0	0.4	0	0	
11_A : exp : 0	2.7	2.7	3	3.5	3	3.4	3.2	2.2	2.7	3.8	3	3.8	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	
11_A : Bozic : Inf	1.7	1.2	2	2.4	2.5	2.8	2.2	1.5	1.7	2.5	2.1	2.6	0	0.1	0	0	0.2	0	0	0.1	0	0	0.2	0	0	0.2	0	0.1	0.3	0.2	0	0.2	0	0.1	0.3	0.2		
11_A : Bozic : 0	2.7	2	2.5	3.2	2.6	3.4	2.4	1.8	2.4	3.2	2.9	3.3	0	0.1	0	0	0.1	0	0	0.1	0	0	0.1	0	0	0.2	0	0	0.1	0	0	0.2	0	0	0.1	0	0	
9_B : McF_6 : Inf	1.3	1.3	1.4	0.8	0.4	0.5	0.5	0.9	0.5	0.8	0.4	0.9	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.6	0.6	0.6	0	0	0		
9_B : McF_6 : 0	1.1	1.3	1.3	0.8	0.3	0.9	0.5	1	0.6	0.8	0.3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0.6	0.6	0	0	0		
9_B : McF_4 : Inf	1.9	1.6	2.1	1.7	1.7	1.4	1.3	1.2	2.1	1.5	1.3	1.4	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	
9_B : McF_4 : 0	2.2	1.6	1.7	1.8	1.7	1.6	1.6	1.4	1.5	1.6	1.7	1.6	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	
9_B : exp : Inf	2.1	1.3	2.1	2.6	2.6	2.6	1.7	1.4	1.7	2.5	2.5	2.5	0	0.2	0	0	0.1	0	0	0.2	0	0	0.1	0	0	0.4	0	0	0.3	0	0	0.5	0	0	0.3	0	0	
9_B : exp : 0	2.7	2.3	2.6	3.3	2.6	3.1	2.7	2.1	2.6	3.1	2.5	3.3	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	
9_B : Bozic : Inf	1.7	1.6	1.9	2.1	2	2.4	1.6	1.2	1.1	2.2	1.5	1.7	0	0.1	0	0	0.3	0	0	0.2	0	0	0.3	0	0	0.3	0	0	0.3	0.2	0	0.3	0	0	0.3	0.2	0	
9_B : Bozic : 0	2.5	1.9	2.3	2.9	2.1	3	2.1	1.7	2.5	2.8	2.5	3.2	0	0.2	0	0	0	0	0	0.2	0	0	0	0	0	0.2	0	0	0.2	0	0	0.2	0	0	0.2	0	0	
9_A : McF_6 : Inf	1	0.9	1.3	0.5	0.5	0.5	0.9	0.9	0.9	0.5	0.7	0.6	0	0	0	0	0	0	0	0.5	0	0	0.1	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0		
9_A : McF_6 : 0	0.9	1	1	0.5	0.5	0.7	0.7	0.9	0.7	0.5	0.7	0.7	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.1	0	0	0		
9_A : McF_4 : Inf	1.8	1.7	1.8	1.4	1.5	1.6	1.1	1.2	1.4	1.5	1.2	1.8	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0		
9_A : McF_4 : 0	1.8	1.5	1.7	1.4	1.6	1.4	1.7	1.6	1.4	1.6	1.7	1.6	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	
9_A : exp : Inf	1.9	1.5	1.6	2.4	2.1	2.4	1.6	1.2	1.2	2.5	2.2	2.1	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.2	0	0	0.2	0	0	0.2	0	0	0.2	0	0	
9_A : exp : 0	2.4	2	2.5	2.8	2.7	2.8	2.6	1.9	2.6	2.9	2.6	2.8	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	
9_A : Bozic : Inf	1.3	1	1.6	2.4	1.7	2.3	1.3	1.1	1.3	2.1	2	1.8	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.1	0	0	0	0	0	0.1	0	0	0	0	0
9_A : Bozic : 0	2.1	1.8	2.2	2.5	2.1	2.6	2.4	1.9	2.5	2.8	2.3	2.8	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	
7_B : McF_6 : Inf	1.2	1.5	0.9	0	0	0	0.7	1	1.2	0	0	0	0	0	0	0.1	0.1	0	0.9	0	0.3	0.3	0.3	0	0	0	0.3	0.6	0.3	0	0	0	0	0	0.3	0.6	0.3	
7_B : McF_6 : 0	0.9	1.2	0.9	0	0	0	0.6	0.9	0.6	0	0	0	0	0	0	0	0.1	0	0.9	0	0.3	0.3	0.3	0	0	0	0.3	0.3	0.3	0	0	0	0	0	0.3	0.3	0.3	
7_B : McF_4 : Inf	0.9	0.9	0.9	0.9	0.9	0.9	1.2	0.9	0.9	0.9	0.9	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0.3	0	
7_B : McF_4 : 0	0.9	0.9	1	0.9	0.9	0.9	0.9	0.6	0.9	0.9	1	0.9	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	
7_B : exp : Inf	1	0.7	1	2.1	2.1	1.8	1.3	0.9	1.2	1.8	2.1	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0	0.3	1.6	0	0	0.6	0	0	0.3	1.6	0	0	
7_B : exp : 0	1.9	1.6	2.5	2.5	2.6	3.2	2.1	1.5	2.1	2.8	2.4	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0.3	0	0	0.3	0	0	0	0.3	0	0	
7_B : Bozic : Inf	1	0.4	0.9	1.2	2.4	1.5	0.9	0.4	0.7	1.3	2.1	1.2	0	0.3	0	0.1	1.2	0	0	0.9	0	0.3	1.2	0	0	0.6	0	0.6	1.6	0.6	0	0.6	0	0.6	1.6	0.6		
7_B : Bozic : 0	1.3	1.2	1	2.4	2.1	2.4	1.9	0.9	1.6	2.2	1.8	2.6	0	0	0	0	0.6	0	0	0	0	0	0.7	0	0	0	0	0	1.2	0	0	0	0	0	1.2	0	0	
7_A : McF_6 : Inf	1.3	1.8	1.1	0	0	0	1.3	1.1	1.3	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0.3	0.3	0.3	0	0	0	0	0	0.3	0.3	0.3	
7_A : McF_6 : 0	1.3	1.9	1.3	0	0	0	1.5	1.1	1.6	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0.5	0.6	0.3	0	0	0	0	0	0.5	0.6	0.3	
7_A : McF_4 : Inf	1	1	1	1.3	1	1	1	0.6	1	1	1	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	
7_A : McF_4 : 0	1	0.8	1	1	1	1.1	0.6	0.6	1	1	1	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	
7_A : exp : Inf	1	1	1	1.3	1.9	1	1	0.8	0.6	1.3	1.9	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.3	1.3	0.3	0	0.2	0	0	0.3	1.3	0.3	0	
7_A : exp : 0	1.8	1.3																																				

### **3 Drivers Unknown**

#### **3.1 Inferred edges, Drivers Unknown**

















### 3.2 Diff, Drivers Unknown







S.Time = last. Diff; N = 200

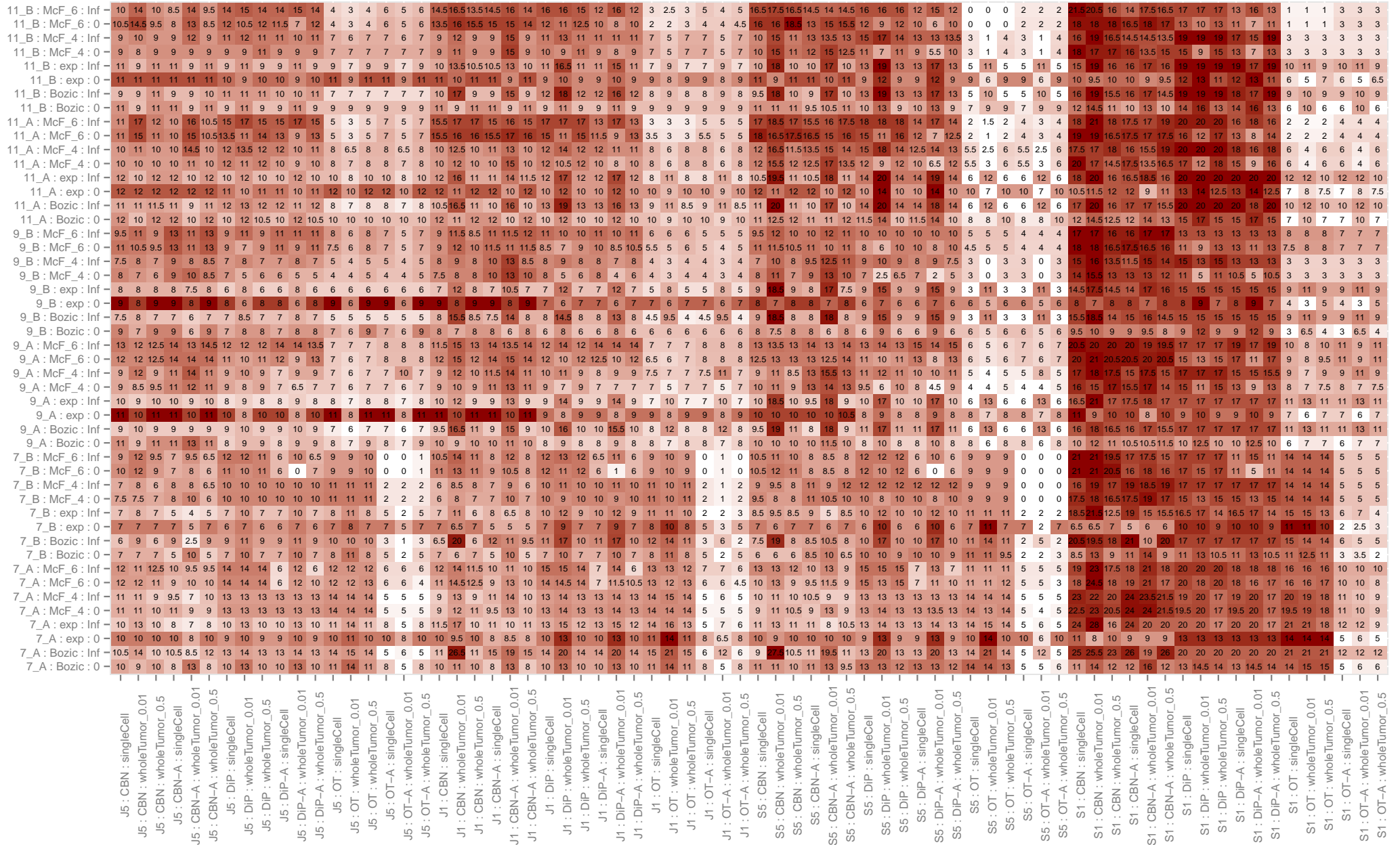


Figure 24: Drivers Unknown, Diff, N = 200, S.Time = last





S.Time = unif. Diff; N = 100

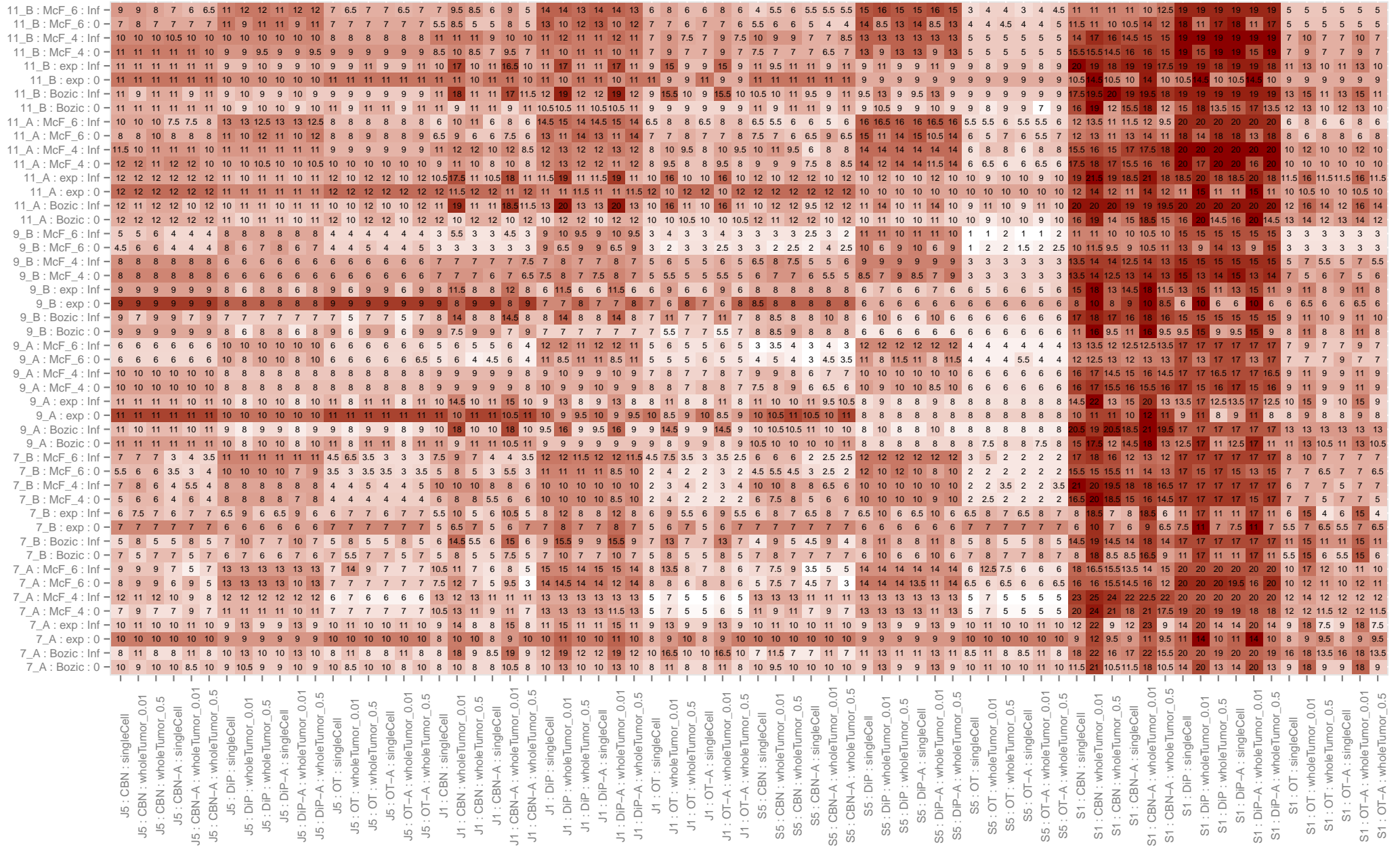


Figure 27: Drivers Unknown, Diff, N = 100, S.Time = unif.

### 3.3 PFD, Drivers Unknown



S.Time = last. PFD; N = 1000

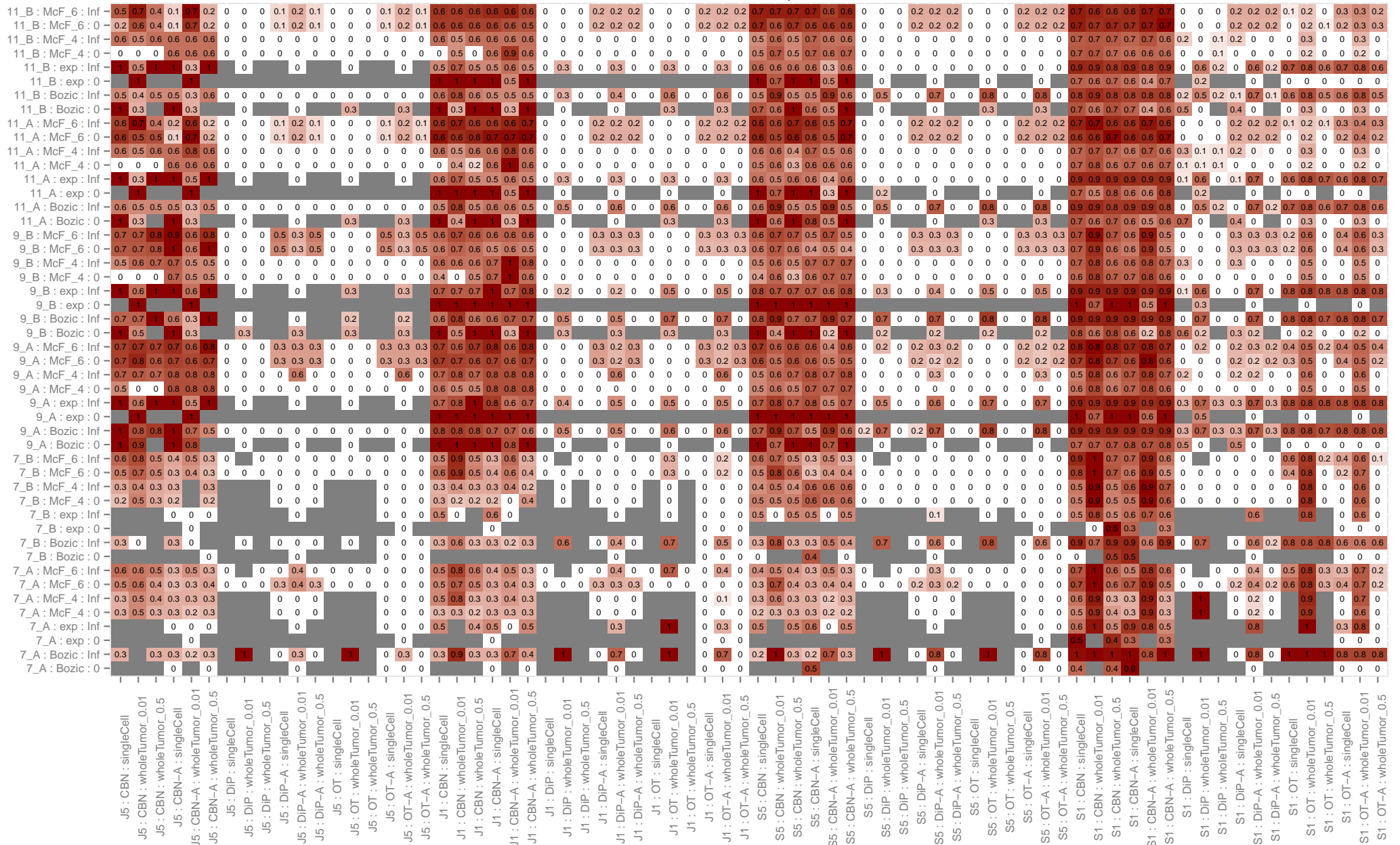


Figure 28: Drivers Unknown, PFD, N = 1000, S.Time = last

S.Time = unif. PFD; N = 1000

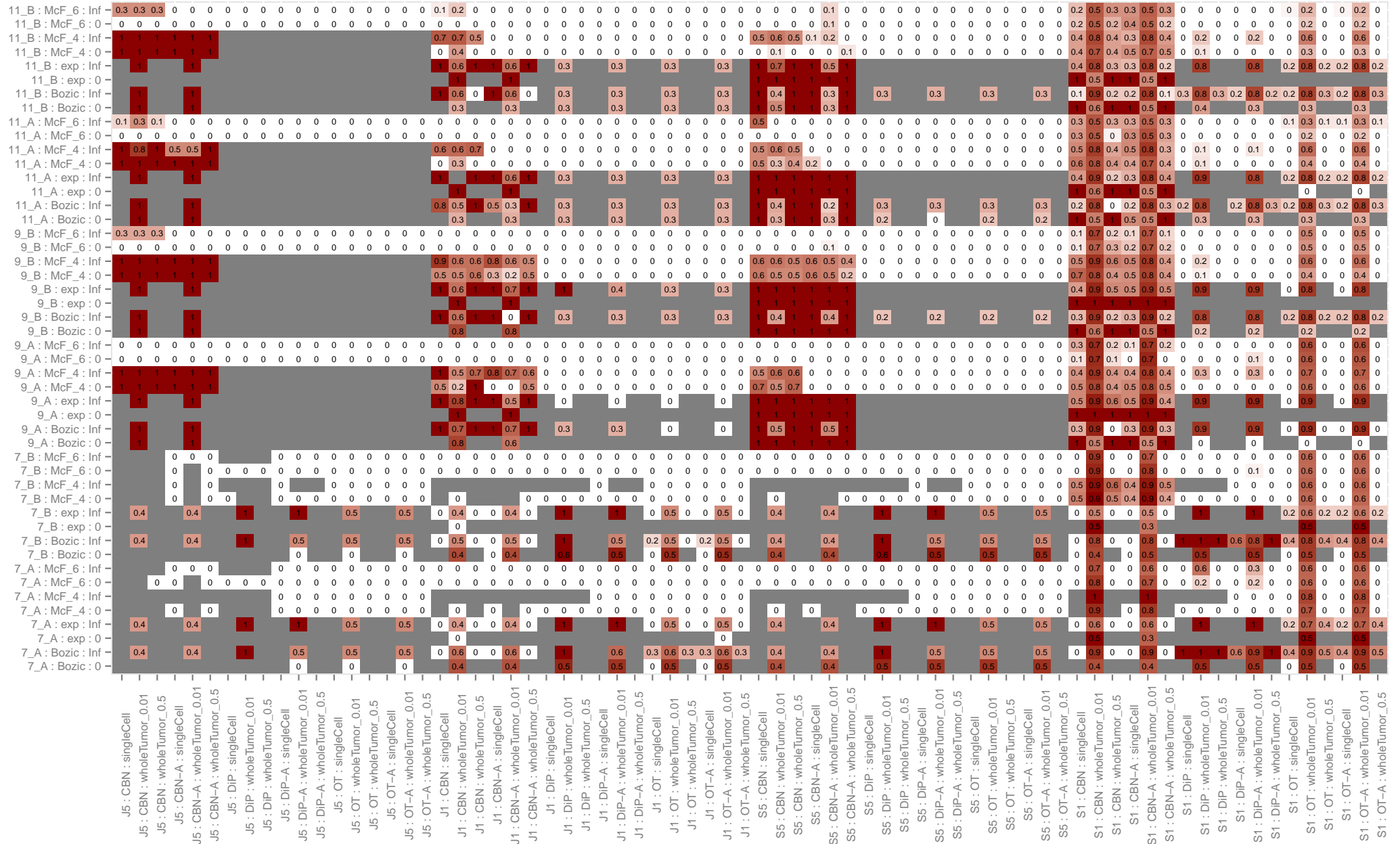


Figure 29: Drivers Unknown, PFD, N = 1000, S.Time = unif.



S.Time = last. PFD; N = 200

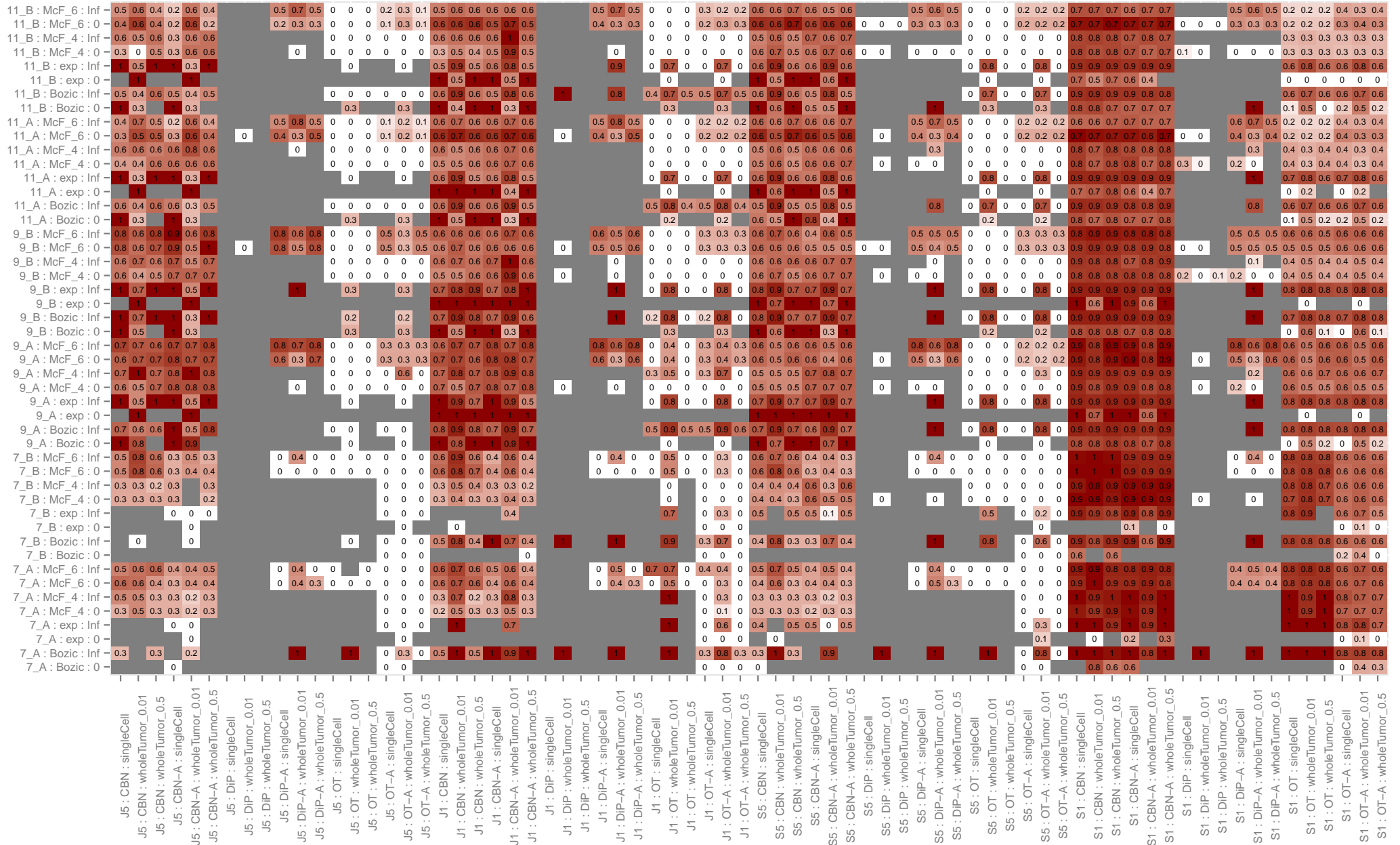


Figure 30: Drivers Unknown, PFD, N = 200, S.Time = last

S.Time = unif. PFD; N = 200

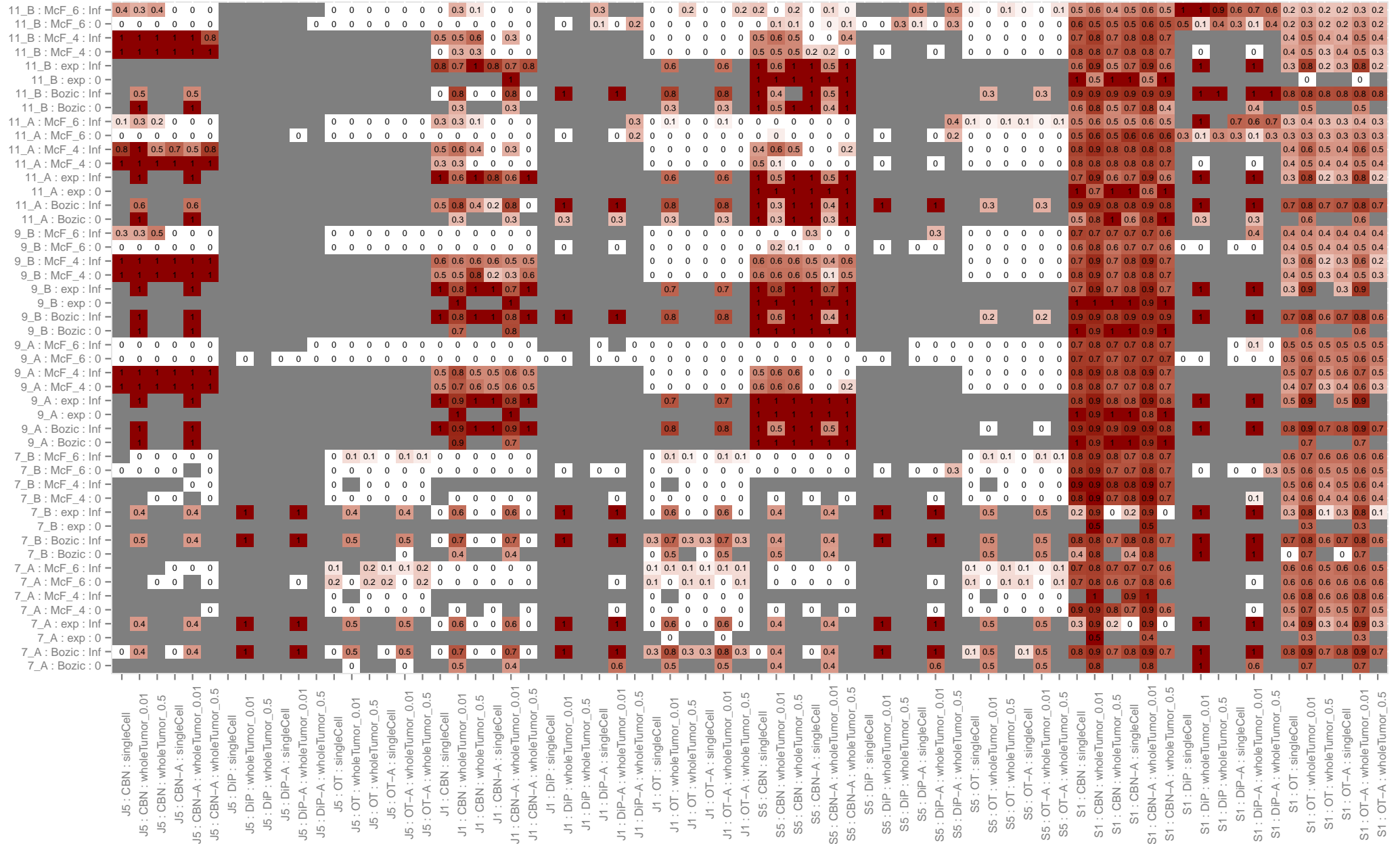


Figure 31: Drivers Unknown, PFD, N = 200, S.Time = unif.

S.Time = last. PFD; N = 100

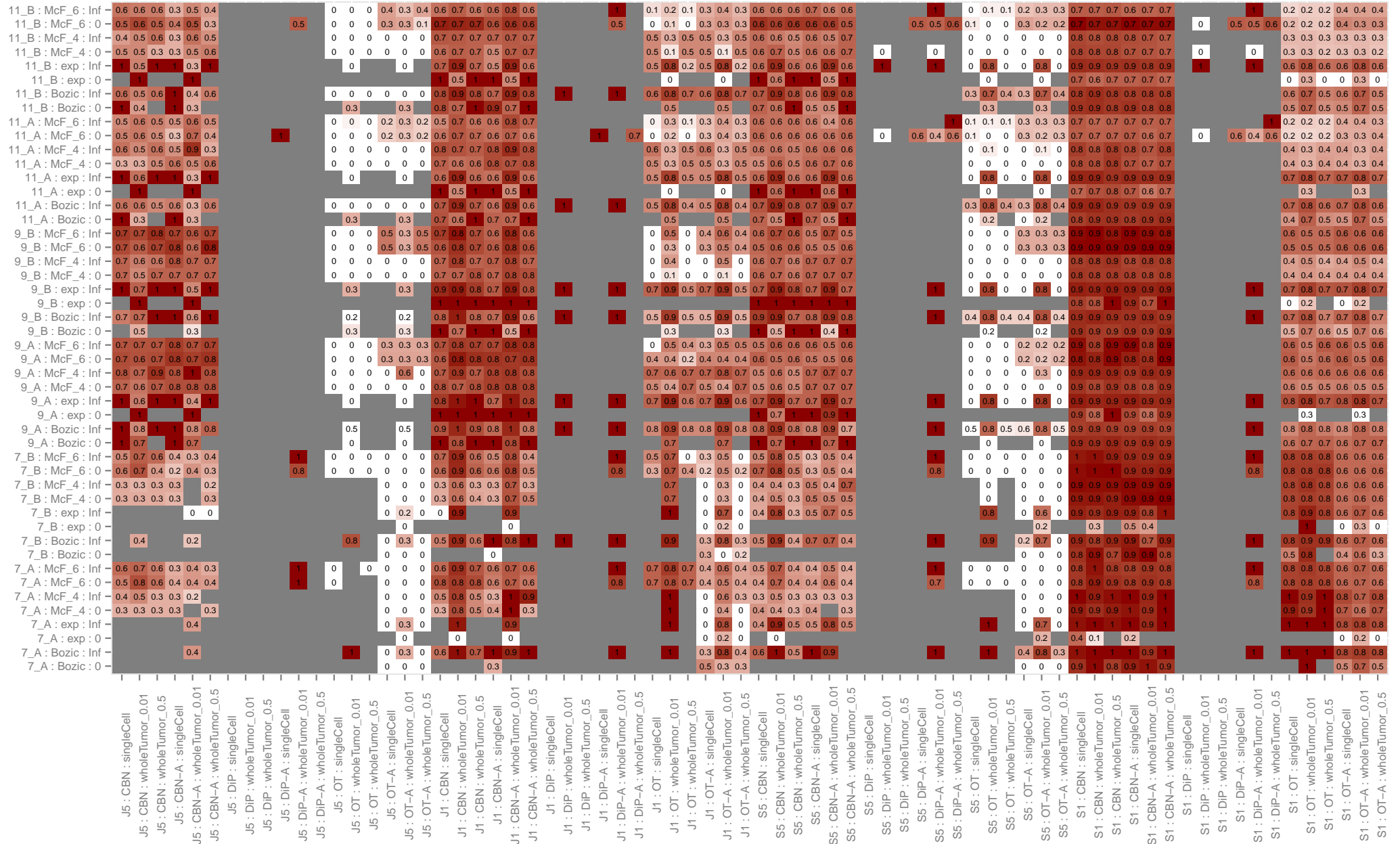


Figure 32: Drivers Unknown, PFD, N = 100, S.Time = last

S.Time = unif. PFD; N = 100

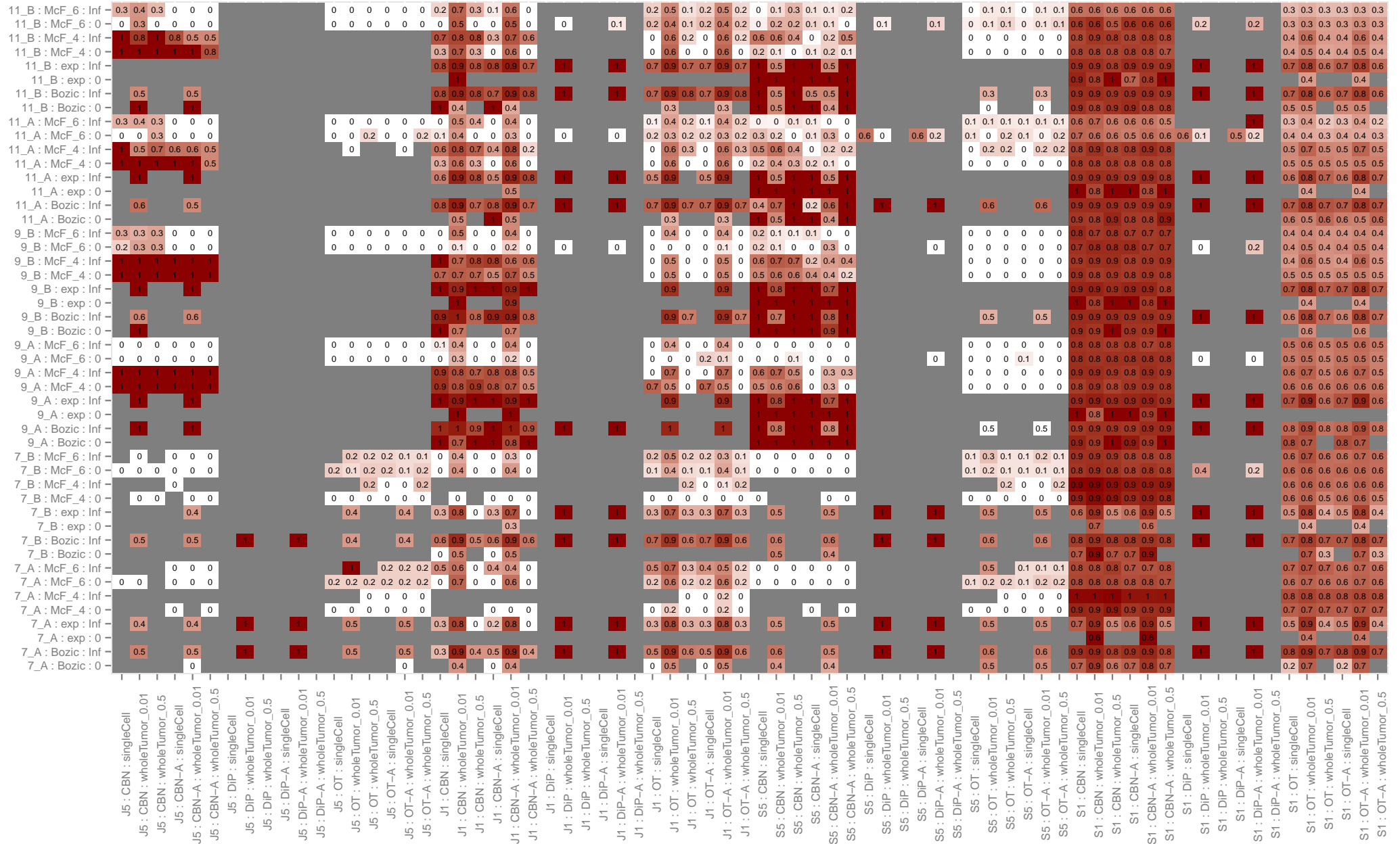


Figure 33: Drivers Unknown, PFD, N = 100, S.Time = unif.

**3.4 PND, Drivers Unknown**





S.Time = unif. PND; N = 1000

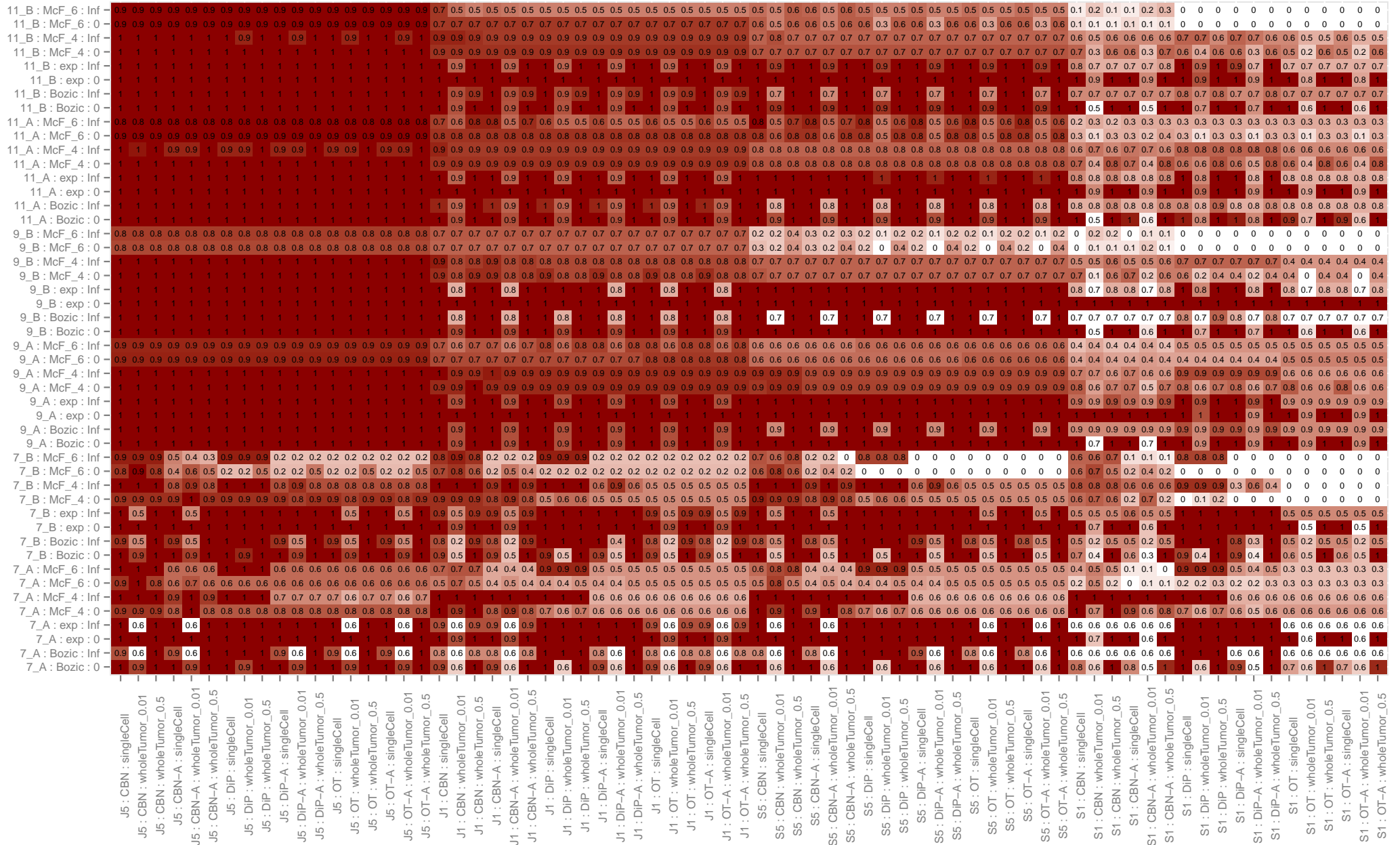


Figure 35: Drivers Unknown, PND, N = 1000, S.Time = unif.

S.Time = last. PND; N = 200

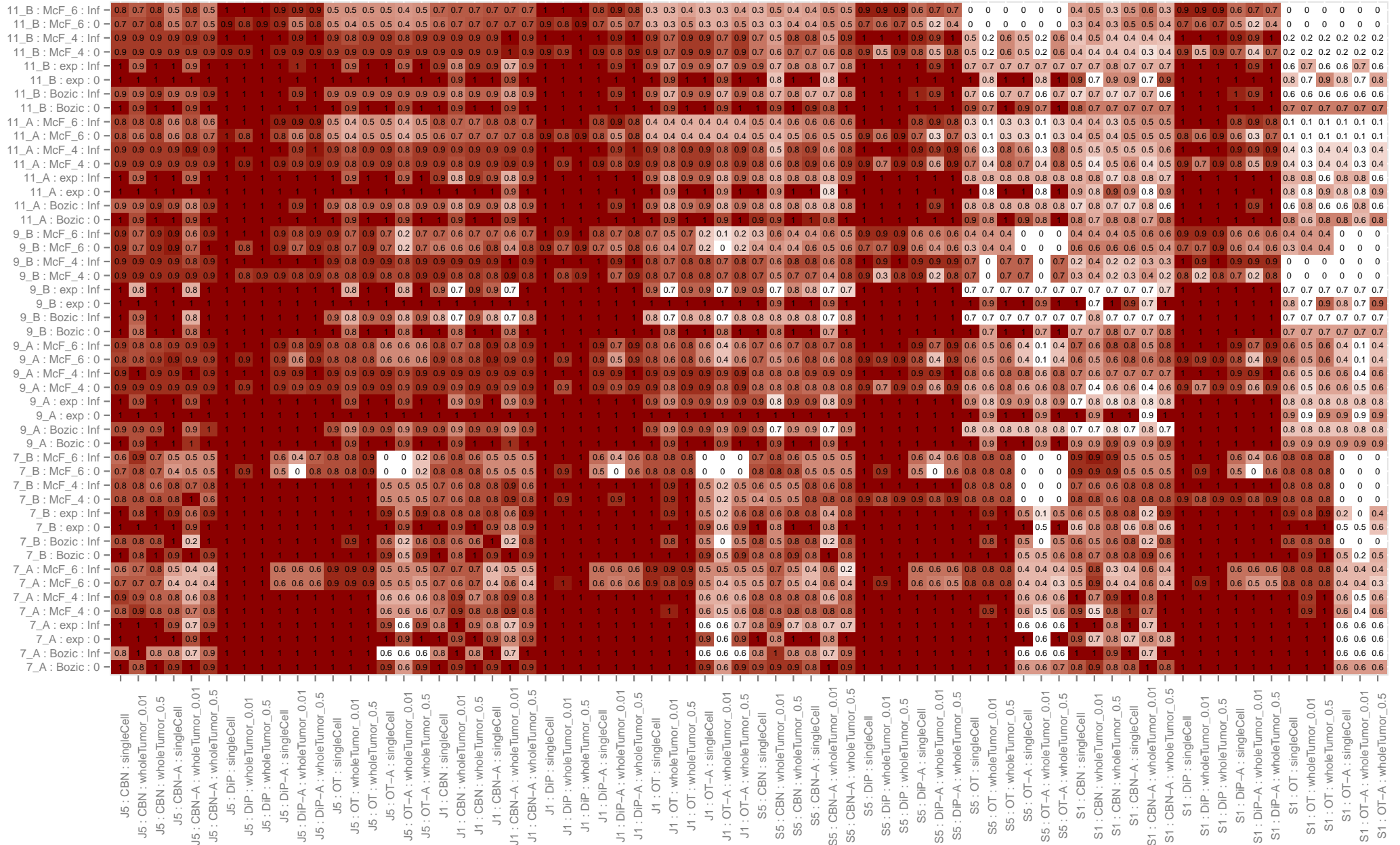


Figure 36: Drivers Unknown, PND, N = 200, S.Time = last



S.Time = unif. PND; N = 200

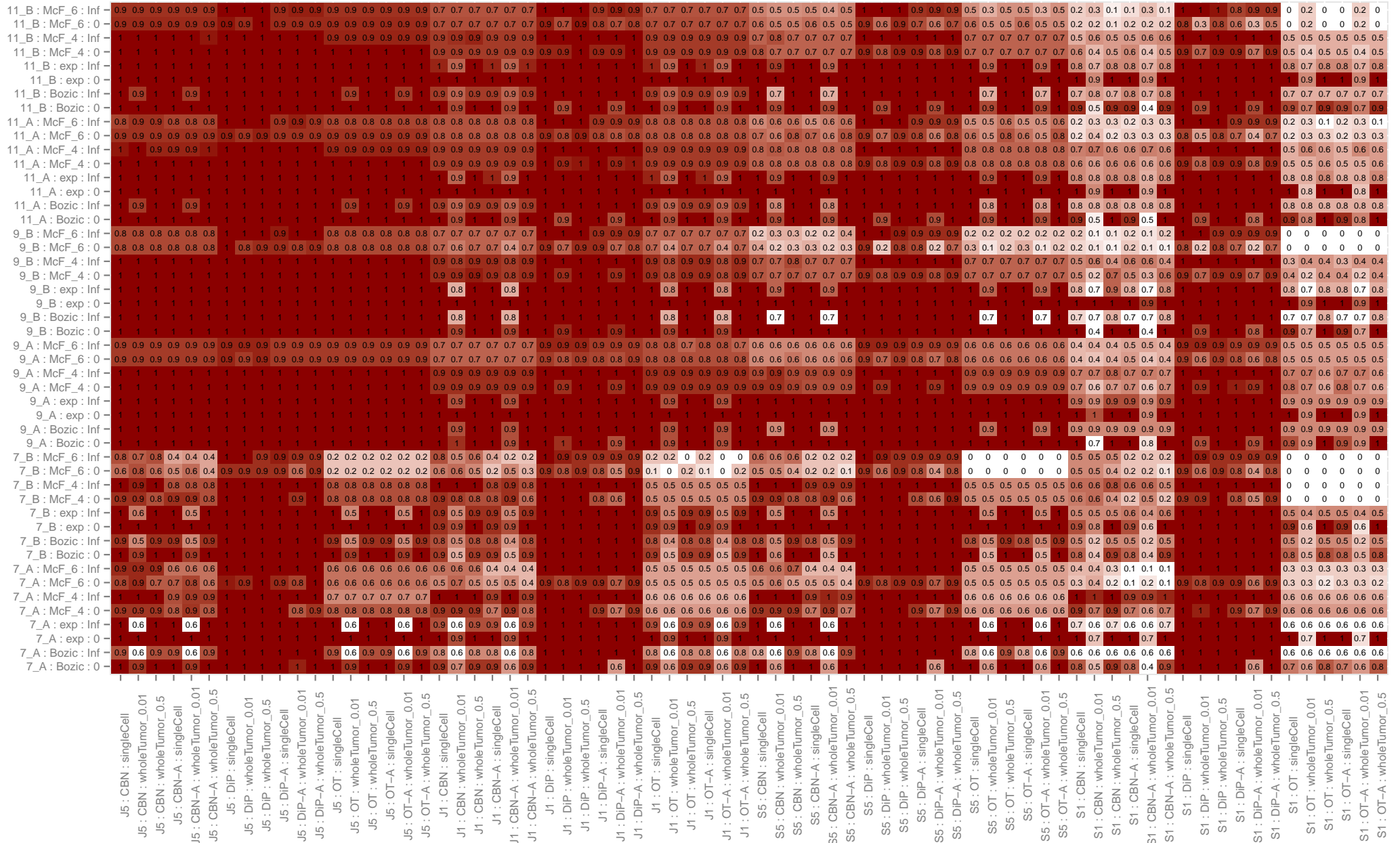


Figure 37: Drivers Unknown, PND, N = 200, S.Time = unif.

S.Time = last. PND; N = 100

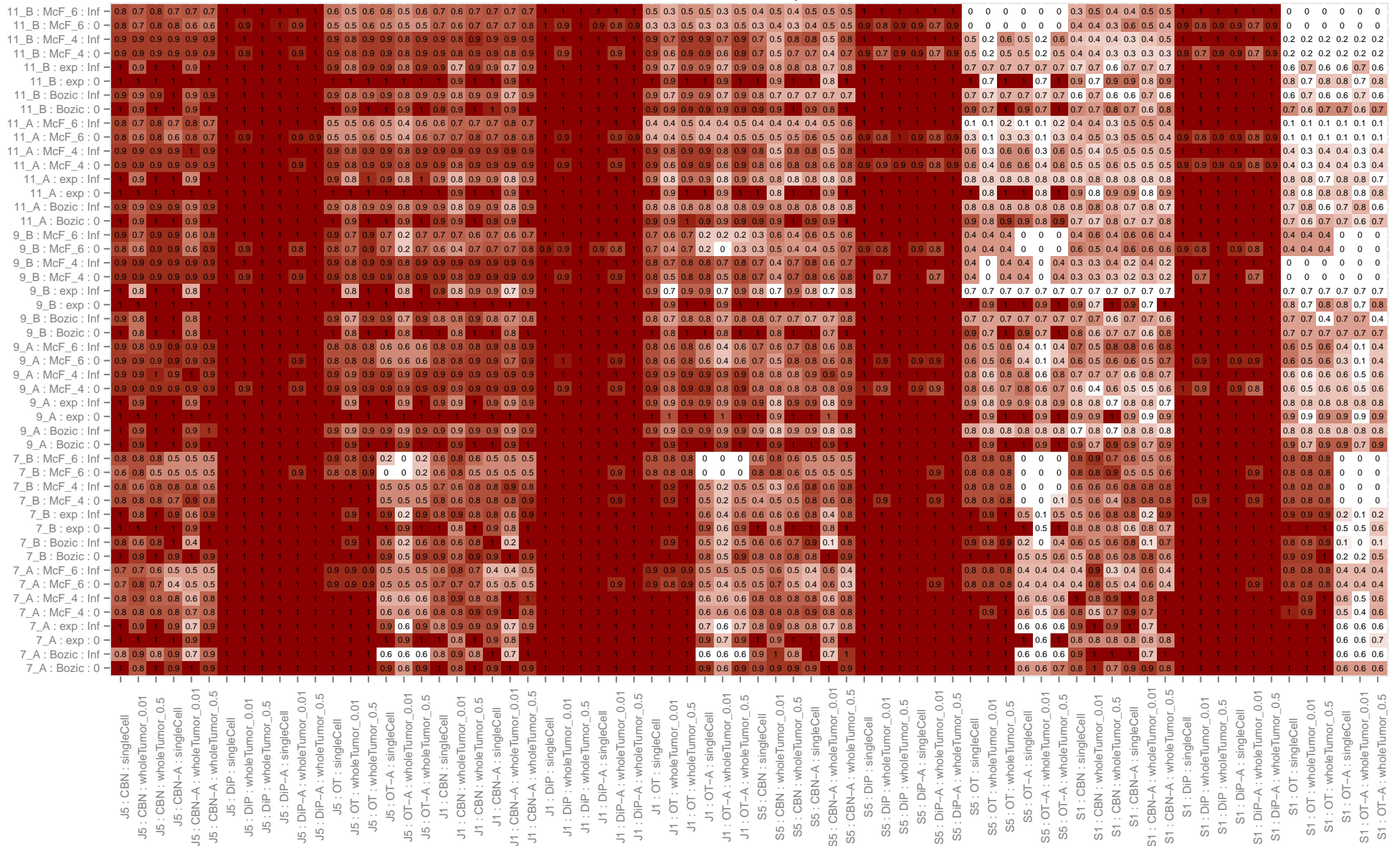


Figure 38: Drivers Unknown, PND, N = 100, S.Time = last

S.Time = unif. PND; N = 100

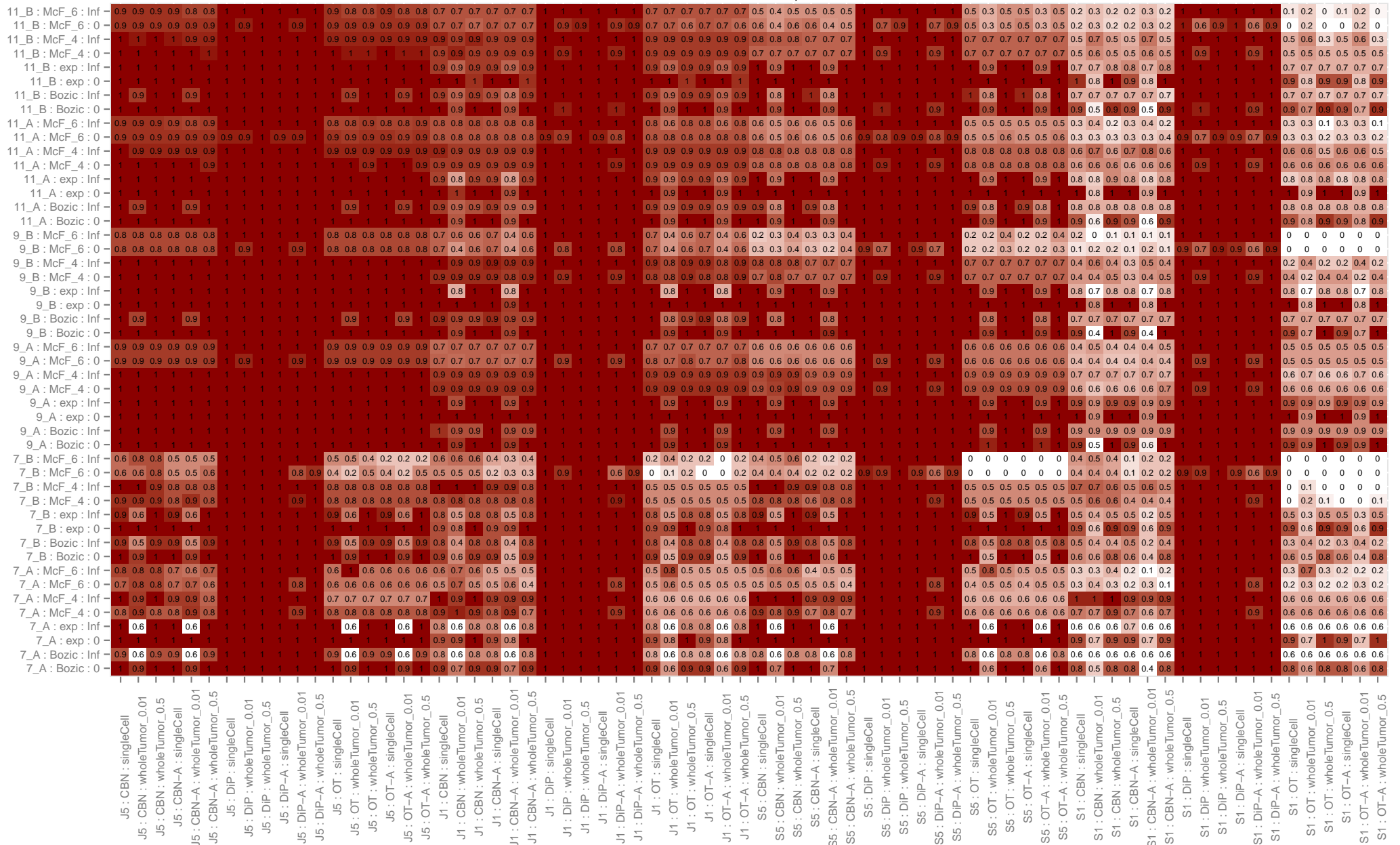


Figure 39: Drivers Unknown, PND, N = 100, S.Time = unif.

### 3.5 FPF, Drivers Unknown



S.Time = unif. FPF (x 100); N = 1000

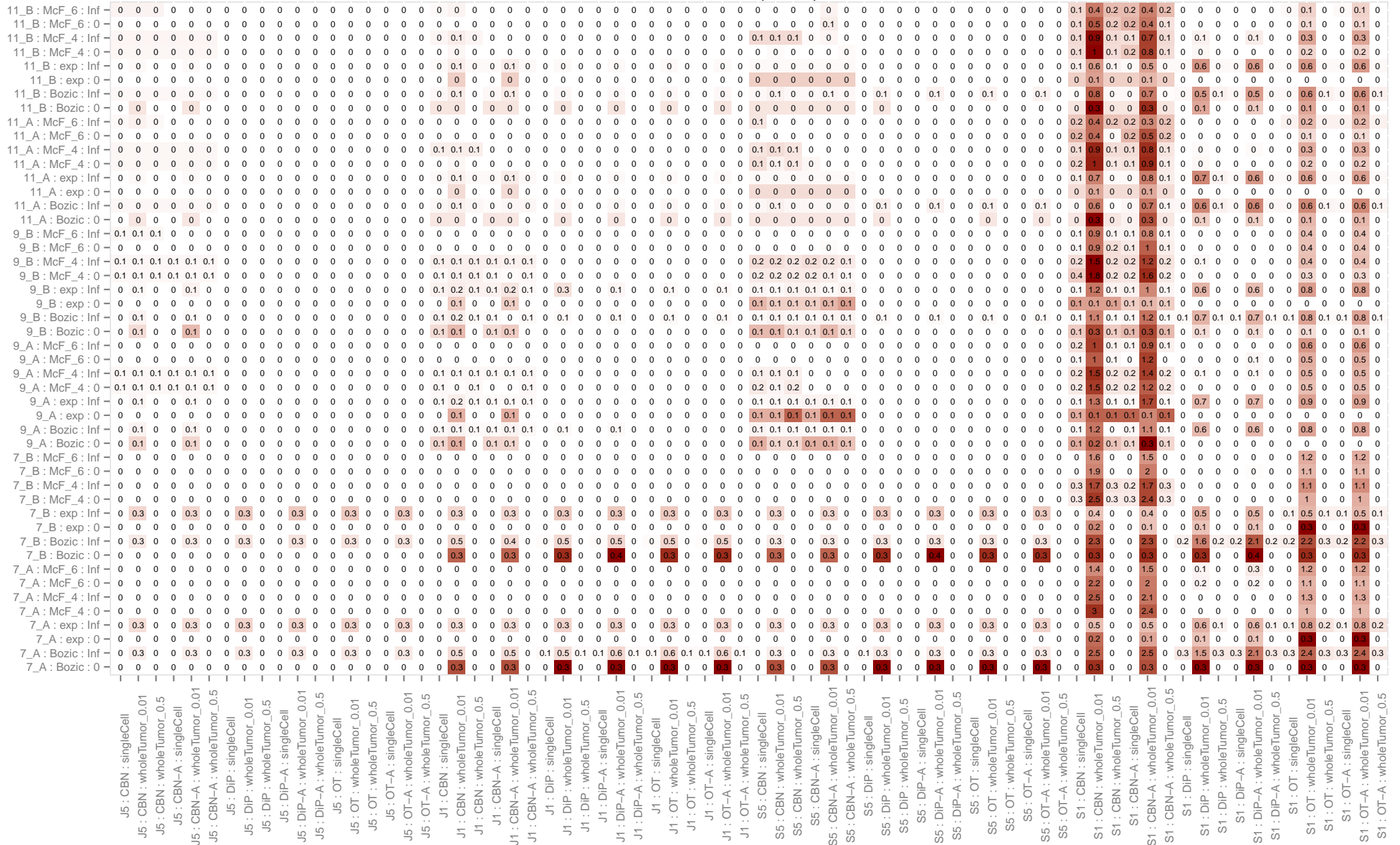


Figure 41: Drivers Unknown, FPF, N = 1000, S.Time = unif.

S.Time = last. FPF (x 100); N = 200

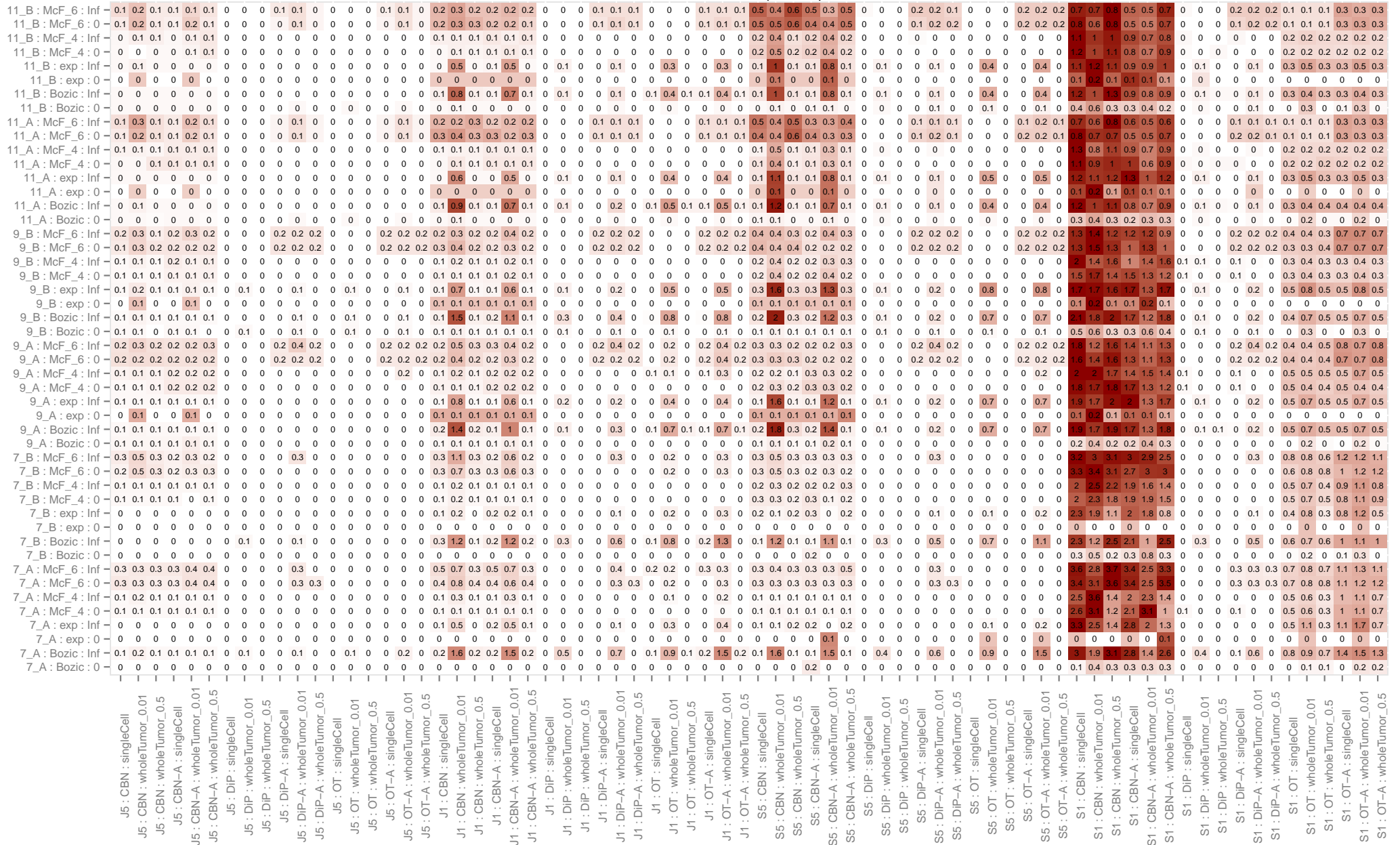


Figure 42: Drivers Unknown, FPF, N = 200, S.Time = last









