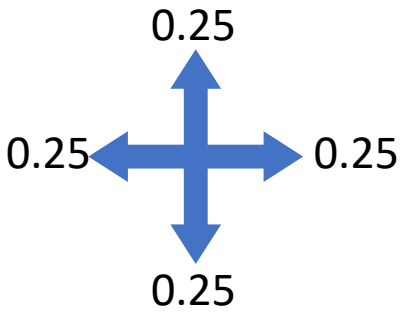
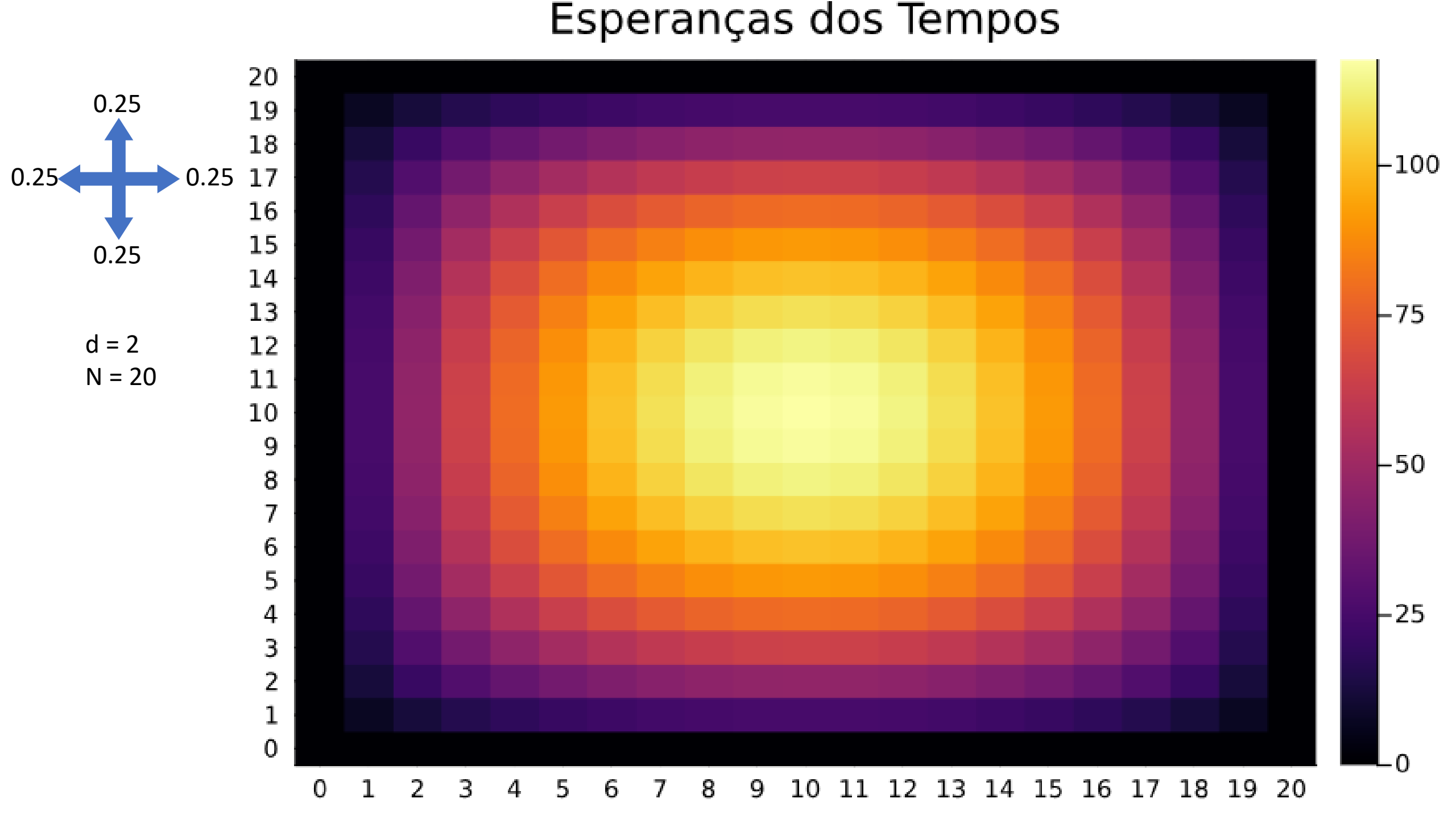


d = 2

N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	6.9	11.8	15.48	18.33	20.54	22.24	23.49	24.35	24.86	25.02	24.86	24.35	23.49	22.24	20.54	18.33	15.48	11.8	6.9	-0.0
2	-0.0	11.8	20.8	27.81	33.3	37.6	40.91	43.37	45.06	46.05	46.38	46.05	45.06	43.37	40.91	37.6	33.3	27.81	20.8	11.8	-0.0
3	-0.0	15.48	27.81	37.64	45.47	51.66	56.44	60.0	62.47	63.92	64.39	63.92	62.47	60.0	56.44	51.66	45.47	37.64	27.81	15.48	-0.0
4	-0.0	18.33	33.3	45.47	55.29	63.11	69.19	73.74	76.89	78.75	79.36	78.75	76.89	73.74	69.19	63.11	55.29	45.47	33.3	18.33	-0.0
5	-0.0	20.54	37.6	51.66	63.11	72.29	79.48	84.87	88.62	90.83	91.56	90.83	88.62	84.87	79.48	72.29	63.11	51.66	37.6	20.54	-0.0
6	-0.0	22.24	40.91	56.44	69.19	79.48	87.56	93.64	97.88	100.38	101.21	100.38	97.88	93.64	87.56	79.48	69.19	56.44	40.91	22.24	-0.0
7	-0.0	23.49	43.37	60.0	73.74	84.87	93.64	100.26	104.88	107.61	108.51	107.61	104.88	100.26	93.64	84.87	73.74	60.0	43.37	23.49	-0.0
8	-0.0	24.35	45.06	62.47	76.89	88.62	97.88	104.88	109.77	112.66	113.62	112.66	109.77	104.88	97.88	88.62	76.89	62.47	45.06	24.35	-0.0
9	-0.0	24.86	46.05	63.92	78.75	90.83	100.38	107.61	112.66	115.65	116.64	115.65	112.66	107.61	100.38	90.83	78.75	63.92	46.05	24.86	-0.0
10	-0.0	25.02	46.38	64.39	79.36	91.56	101.21	108.51	113.62	116.64	117.64	116.64	113.62	108.51	101.21	91.56	79.36	64.39	46.38	25.02	-0.0
11	-0.0	24.86	46.05	63.92	78.75	90.83	100.38	107.61	112.66	115.65	116.64	115.65	112.66	107.61	100.38	90.83	78.75	63.92	46.05	24.86	-0.0
12	-0.0	24.35	45.06	62.47	76.89	88.62	97.88	104.88	109.77	112.66	113.62	112.66	109.77	104.88	97.88	88.62	76.89	62.47	45.06	24.35	-0.0
13	-0.0	23.49	43.37	60.0	73.74	84.87	93.64	100.26	104.88	107.61	108.51	107.61	104.88	100.26	93.64	84.87	73.74	60.0	43.37	23.49	-0.0
14	-0.0	22.24	40.91	56.44	69.19	79.48	87.56	93.64	97.88	100.38	101.21	100.38	97.88	93.64	87.56	79.48	69.19	56.44	40.91	22.24	-0.0
15	-0.0	20.54	37.6	51.66	63.11	72.29	79.48	84.87	88.62	90.83	91.56	90.83	88.62	84.87	79.48	72.29	63.11	51.66	37.6	20.54	-0.0
16	-0.0	18.33	33.3	45.47	55.29	63.11	69.19	73.74	76.89	78.75	79.36	78.75	76.89	73.74	69.19	63.11	55.29	45.47	33.3	18.33	-0.0
17	-0.0	15.48	27.81	37.64	45.47	51.66	56.44	60.0	62.47	63.92	64.39	63.92	62.47	60.0	56.44	51.66	45.47	37.64	27.81	15.48	-0.0
18	-0.0	11.8	20.8	27.81	33.3	37.6	40.91	43.37	45.06	46.05	46.38	46.05	45.06	43.37	40.91	37.6	33.3	27.81	20.8	11.8	-0.0
19	-0.0	6.9	11.8	15.48	18.33	20.54	22.24	23.49	24.35	24.86	25.02	24.86	24.35	23.49	22.24	20.54	18.33	15.48	11.8	6.9	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0


Esperanças dos Tempos
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0.25
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N = 20
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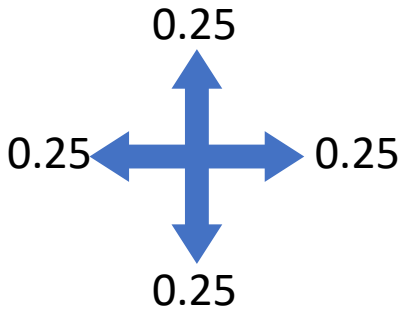
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
0
25
50
75
100

Médias dos Tempos Simulados



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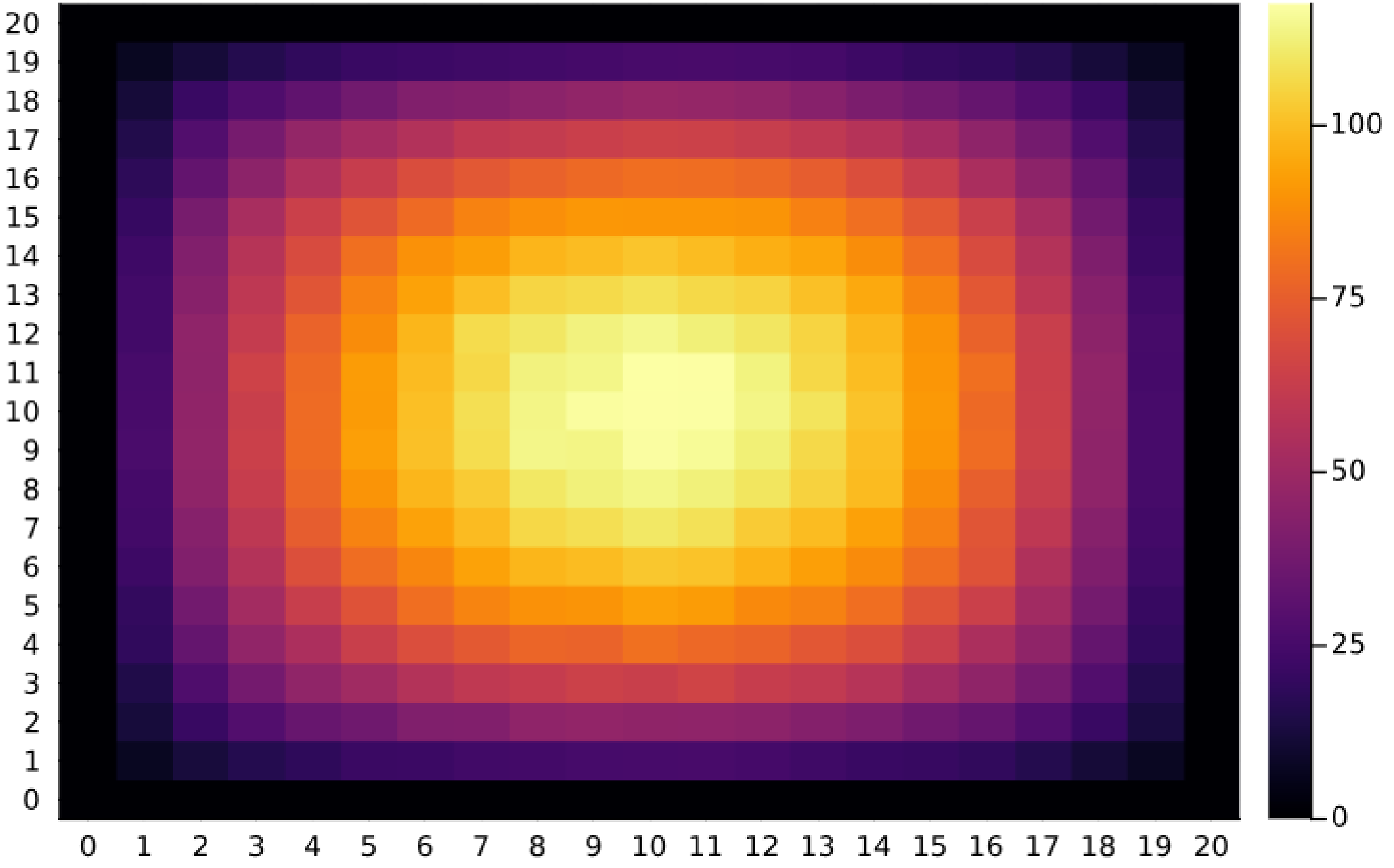
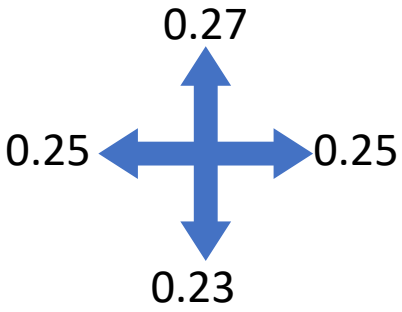
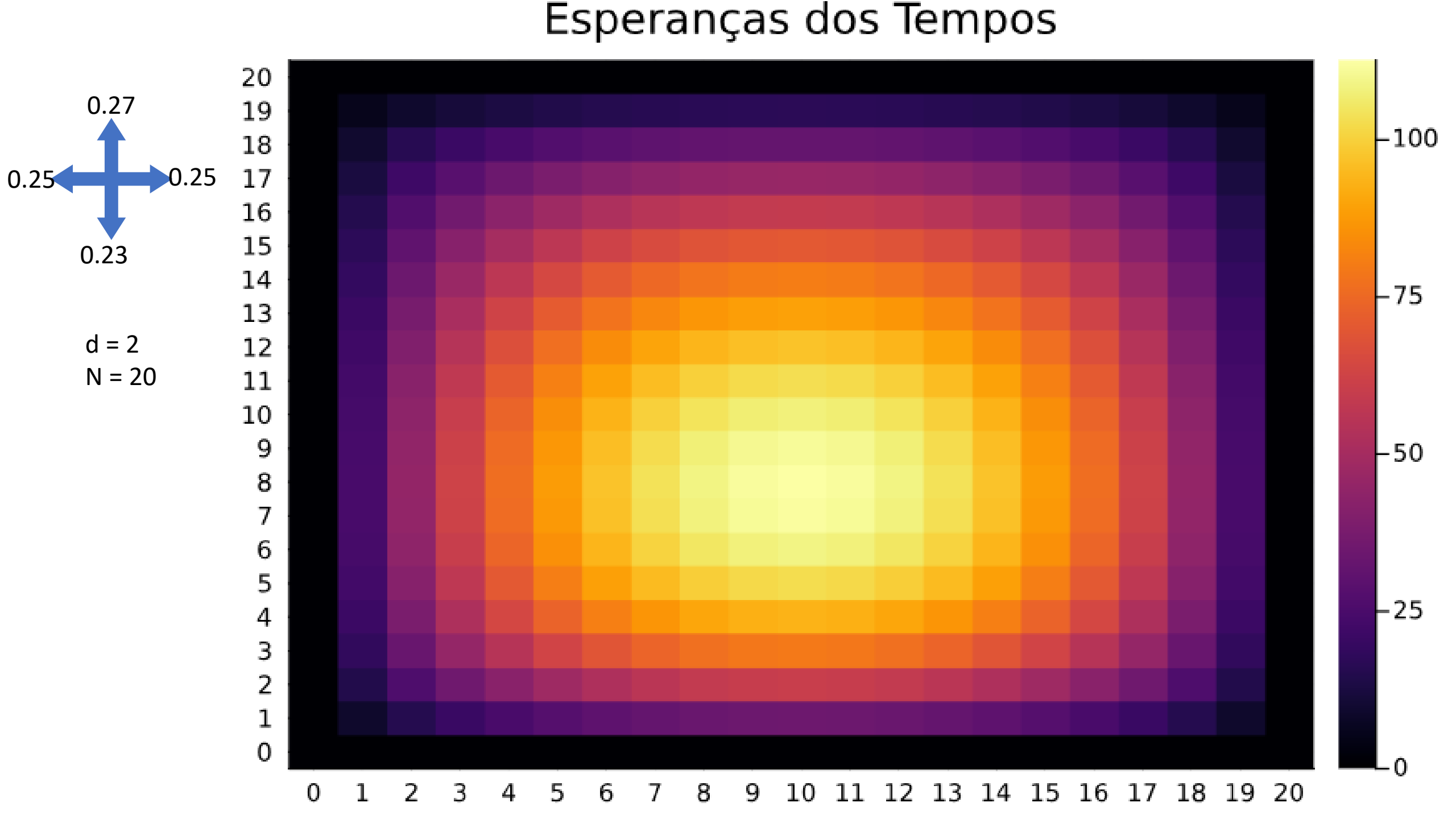




d = 2

N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	5.3	8.73	11.13	12.87	14.16	15.11	15.79	16.25	16.51	16.6	16.51	16.25	15.79	15.11	14.16	12.87	11.13	8.73	5.3	-0.0
2	-0.0	9.19	15.75	20.55	24.12	26.8	28.78	30.22	31.19	31.75	31.93	31.75	31.19	30.22	28.78	26.8	24.12	20.55	15.75	9.19	-0.0
3	-0.0	12.29	21.56	28.6	33.96	38.04	41.09	43.31	44.82	45.69	45.98	45.69	44.82	43.31	41.09	38.04	33.96	28.6	21.56	12.29	-0.0
4	-0.0	14.84	26.46	35.52	42.57	48.0	52.11	55.11	57.16	58.35	58.74	58.35	57.16	55.11	52.11	48.0	42.57	35.52	26.46	14.84	-0.0
5	-0.0	16.99	30.63	41.5	50.08	56.77	61.89	65.65	68.23	69.73	70.22	69.73	68.23	65.65	61.89	56.77	50.08	41.5	30.63	16.99	-0.0
6	-0.0	18.83	34.2	46.64	56.6	64.45	70.49	74.96	78.04	79.84	80.43	79.84	78.04	74.96	70.49	64.45	56.6	46.64	34.2	18.83	-0.0
7	-0.0	20.37	37.23	51.04	62.2	71.07	77.95	83.07	86.6	88.67	89.36	88.67	86.6	83.07	77.95	71.07	62.2	51.04	37.23	20.37	-0.0
8	-0.0	21.67	39.77	54.72	66.91	76.66	84.27	89.95	93.89	96.21	96.97	96.21	93.89	89.95	84.27	76.66	66.91	54.72	39.77	21.67	-0.0
9	-0.0	22.71	41.81	57.7	70.74	81.22	89.43	95.59	99.87	102.39	103.22	102.39	99.87	95.59	89.43	81.22	70.74	57.7	41.81	22.71	-0.0
10	-0.0	23.49	43.36	59.97	73.65	84.69	93.38	99.9	104.45	107.13	108.01	107.13	104.45	99.9	93.38	84.69	73.65	59.97	43.36	23.49	-0.0
11	-0.0	24.01	44.38	61.46	75.57	87.0	96.0	102.78	107.5	110.29	111.21	110.29	107.5	102.78	96.0	87.0	75.57	61.46	44.38	24.01	-0.0
12	-0.0	24.23	44.81	62.1	76.39	87.99	97.14	104.03	108.85	111.69	112.63	111.69	108.85	104.03	97.14	87.99	76.39	62.1	44.81	24.23	-0.0
13	-0.0	24.1	44.56	61.74	75.95	87.47	96.57	103.43	108.22	111.05	111.98	111.05	108.22	103.43	96.57	87.47	75.95	61.74	44.56	24.1	-0.0
14	-0.0	23.55	43.49	60.19	73.99	85.17	93.98	100.63	105.27	108.01	108.92	108.01	105.27	100.63	93.98	85.17	73.99	60.19	43.49	23.55	-0.0
15	-0.0	22.49	41.41	57.19	70.18	80.68	88.95	95.18	99.52	102.09	102.93	102.09	99.52	95.18	88.95	80.68	70.18	57.19	41.41	22.49	-0.0
16	-0.0	20.76	38.05	52.35	64.06	73.49	80.9	86.47	90.36	92.65	93.41	92.65	90.36	86.47	80.9	73.49	64.06	52.35	38.05	20.76	-0.0
17	-0.0	18.15	33.0	45.14	55.01	62.91	69.1	73.75	76.99	78.89	79.52	78.89	76.99	73.75	69.1	62.91	55.01	45.14	33.0	18.15	-0.0
18	-0.0	14.31	25.68	34.81	42.16	48.01	52.58	56.0	58.38	59.79	60.25	59.79	58.38	56.0	52.58	48.01	42.16	34.81	25.68	14.31	-0.0
19	-0.0	8.66	15.17	20.28	24.34	27.57	30.08	31.95	33.26	34.03	34.28	34.03	33.26	31.95	30.08	27.57	24.34	20.28	15.17	8.66	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0


Esperanças dos Tempos
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N = 20
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18
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8
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1
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
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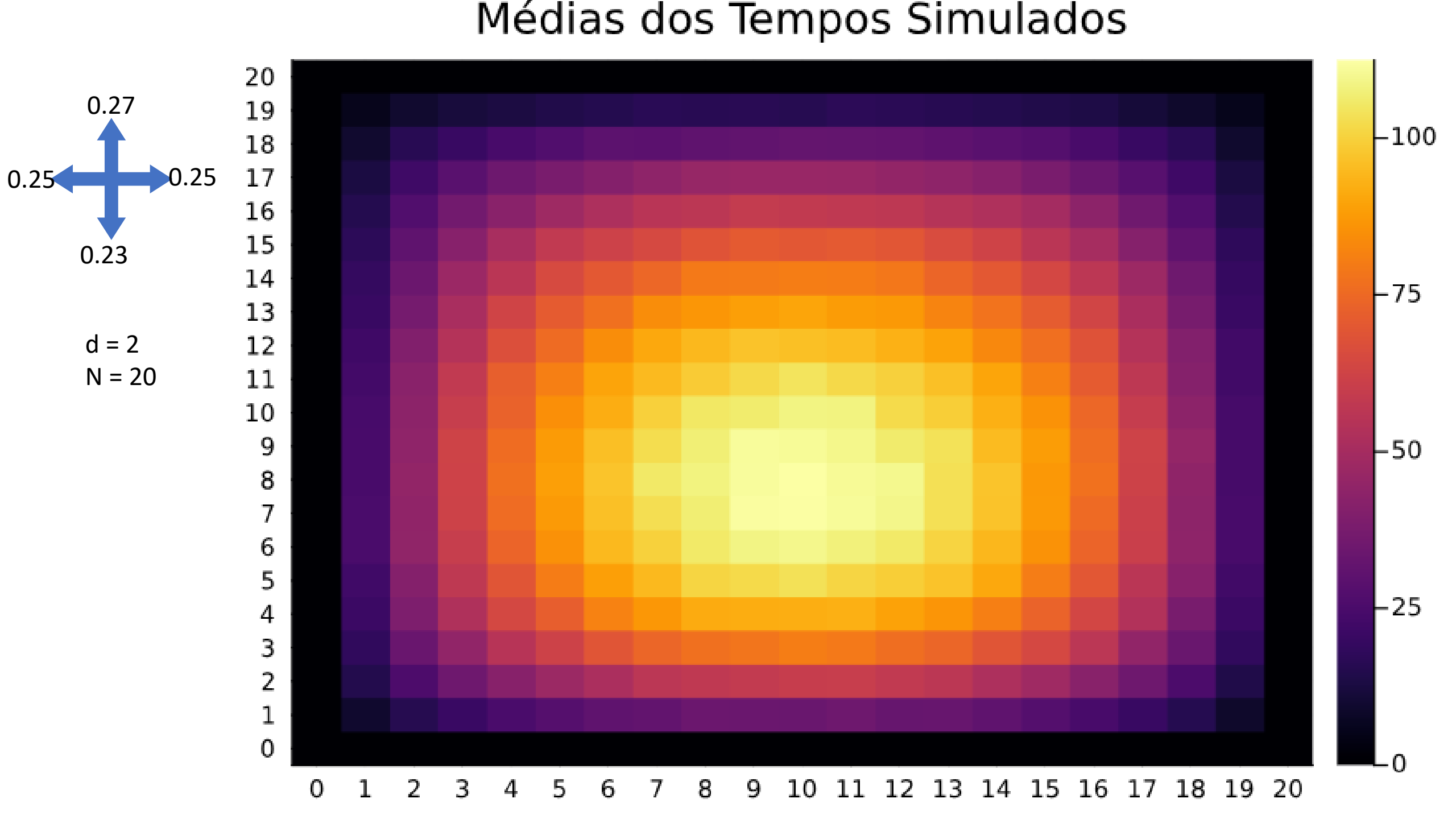
75
50
25
0


Médias dos Tempos Simulados
0.27
0.25
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0.23
d = 2
N = 20
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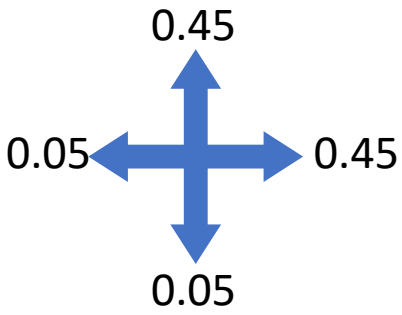
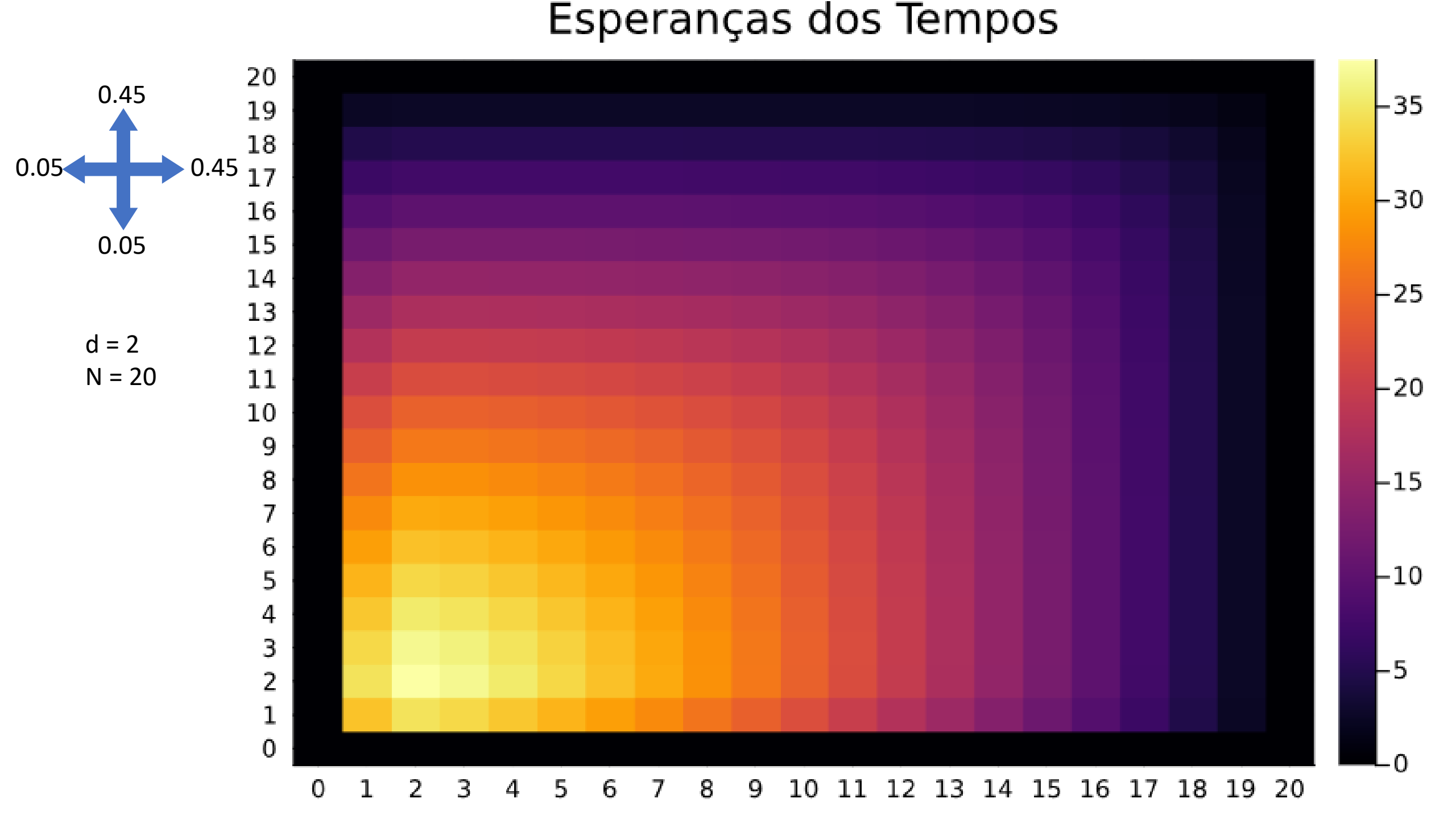
0



d = 2

N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	2.35	2.49	2.5	2.5	2.5	2.5	2.5	2.5	2.49	2.49	2.48	2.47	2.46	2.43	2.37	2.28	2.1	1.78	1.18	-0.0
2	-0.0	4.64	4.97	5.0	5.0	5.0	4.99	4.99	4.98	4.97	4.96	4.93	4.89	4.82	4.71	4.52	4.23	3.75	2.98	1.78	-0.0
3	-0.0	6.9	7.45	7.49	7.49	7.49	7.48	7.47	7.45	7.42	7.37	7.3	7.19	7.02	6.77	6.38	5.8	4.95	3.75	2.1	-0.0
4	-0.0	9.14	9.92	9.98	9.97	9.96	9.94	9.91	9.87	9.8	9.7	9.55	9.34	9.02	8.56	7.91	7.01	5.8	4.23	2.28	-0.0
5	-0.0	11.36	12.38	12.45	12.44	12.41	12.37	12.31	12.22	12.09	11.91	11.65	11.27	10.76	10.06	9.13	7.91	6.38	4.52	2.37	-0.0
6	-0.0	13.57	14.82	14.91	14.88	14.83	14.75	14.64	14.48	14.26	13.96	13.54	12.98	12.24	11.28	10.06	8.56	6.77	4.71	2.43	-0.0
7	-0.0	15.76	17.23	17.33	17.27	17.18	17.04	16.86	16.61	16.27	15.81	15.22	14.44	13.46	12.24	10.76	9.02	7.02	4.82	2.46	-0.0
8	-0.0	17.92	19.61	19.7	19.6	19.45	19.24	18.96	18.58	18.1	17.46	16.66	15.66	14.44	12.98	11.27	9.34	7.19	4.89	2.47	-0.0
9	-0.0	20.04	21.94	22.0	21.85	21.61	21.31	20.9	20.38	19.73	18.9	17.89	16.66	15.22	13.54	11.65	9.55	7.3	4.93	2.48	-0.0
10	-0.0	22.11	24.2	24.22	23.99	23.65	23.22	22.68	22.0	21.15	20.13	18.9	17.46	15.81	13.96	11.91	9.7	7.37	4.96	2.49	-0.0
11	-0.0	24.12	26.37	26.34	26.0	25.55	24.98	24.28	23.41	22.38	21.15	19.73	18.1	16.27	14.26	12.09	9.8	7.42	4.97	2.49	-0.0
12	-0.0	26.04	28.43	28.33	27.88	27.29	26.56	25.69	24.64	23.41	22.0	20.38	18.58	16.61	14.48	12.22	9.87	7.45	4.98	2.5	-0.0
13	-0.0	27.87	30.38	30.18	29.6	28.86	27.97	26.91	25.69	24.28	22.68	20.9	18.96	16.86	14.64	12.31	9.91	7.47	4.99	2.5	-0.0
14	-0.0	29.58	32.19	31.88	31.16	30.26	29.2	27.97	26.56	24.98	23.22	21.31	19.24	17.04	14.75	12.37	9.94	7.48	4.99	2.5	-0.0
15	-0.0	31.18	33.85	33.43	32.55	31.49	30.26	28.86	27.29	25.55	23.65	21.61	19.45	17.18	14.83	12.41	9.96	7.49	5.0	2.5	-0.0
16	-0.0	32.64	35.36	34.81	33.77	32.55	31.16	29.6	27.88	26.0	23.99	21.85	19.6	17.27	14.88	12.44	9.97	7.49	5.0	2.5	-0.0
17	-0.0	33.93	36.68	36.0	34.81	33.43	31.88	30.18	28.33	26.34	24.22	22.0	19.7	17.33	14.91	12.45	9.98	7.49	5.0	2.5	-0.0
18	-0.0	34.75	37.49	36.68	35.36	33.85	32.19	30.38	28.43	26.37	24.2	21.94	19.61	17.23	14.82	12.38	9.92	7.45	4.97	2.49	-0.0
19	-0.0	32.28	34.75	33.93	32.64	31.18	29.58	27.87	26.04	24.12	22.11	20.04	17.92	15.76	13.57	11.36	9.14	6.9	4.64	2.35	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0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6
5
4
3
2
1
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35
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25
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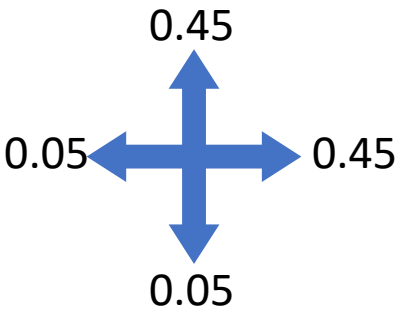
15
10
5
0

Médias dos Tempos Simulados



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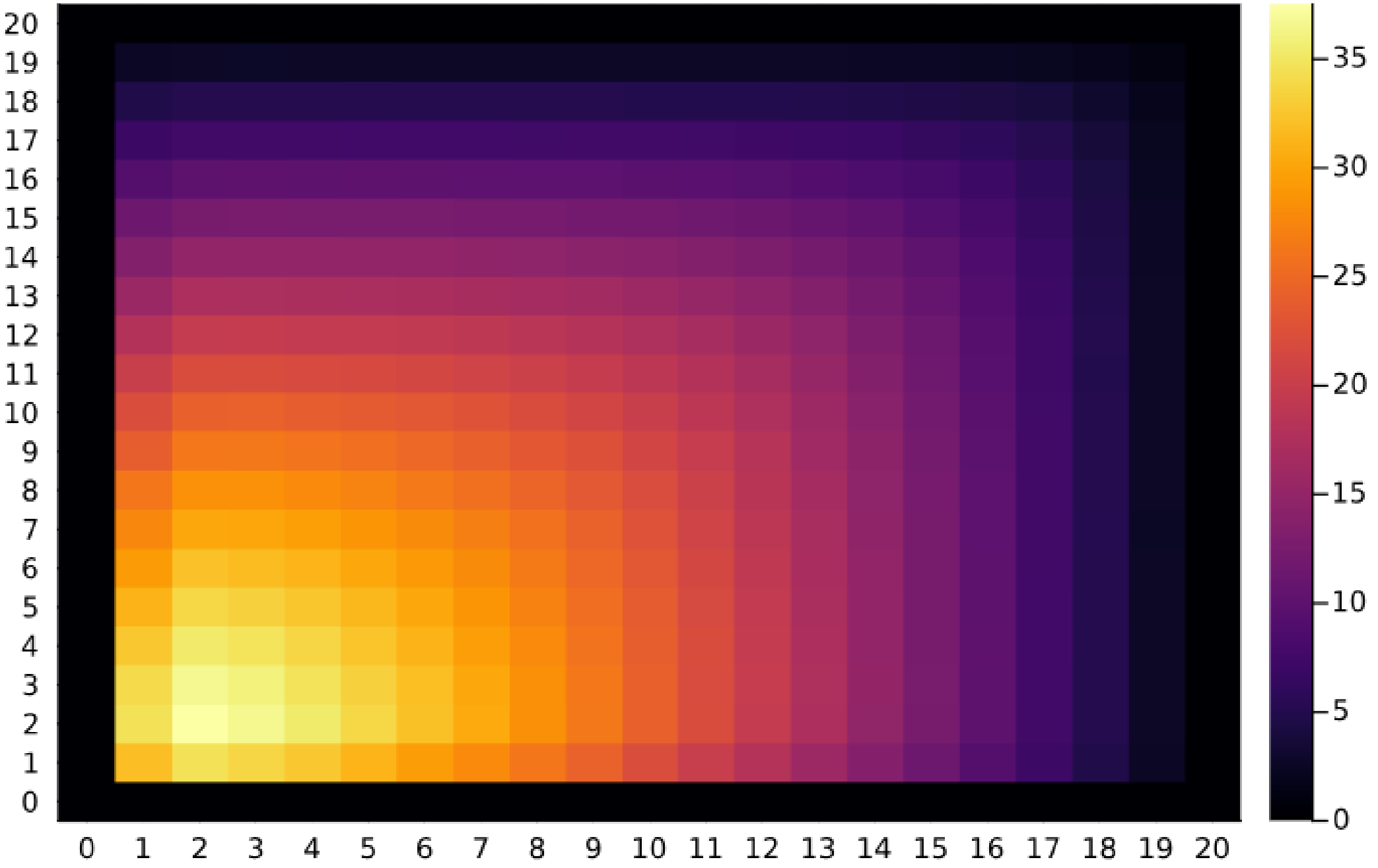
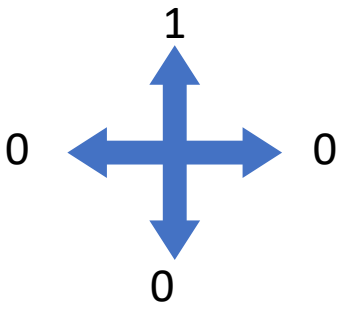
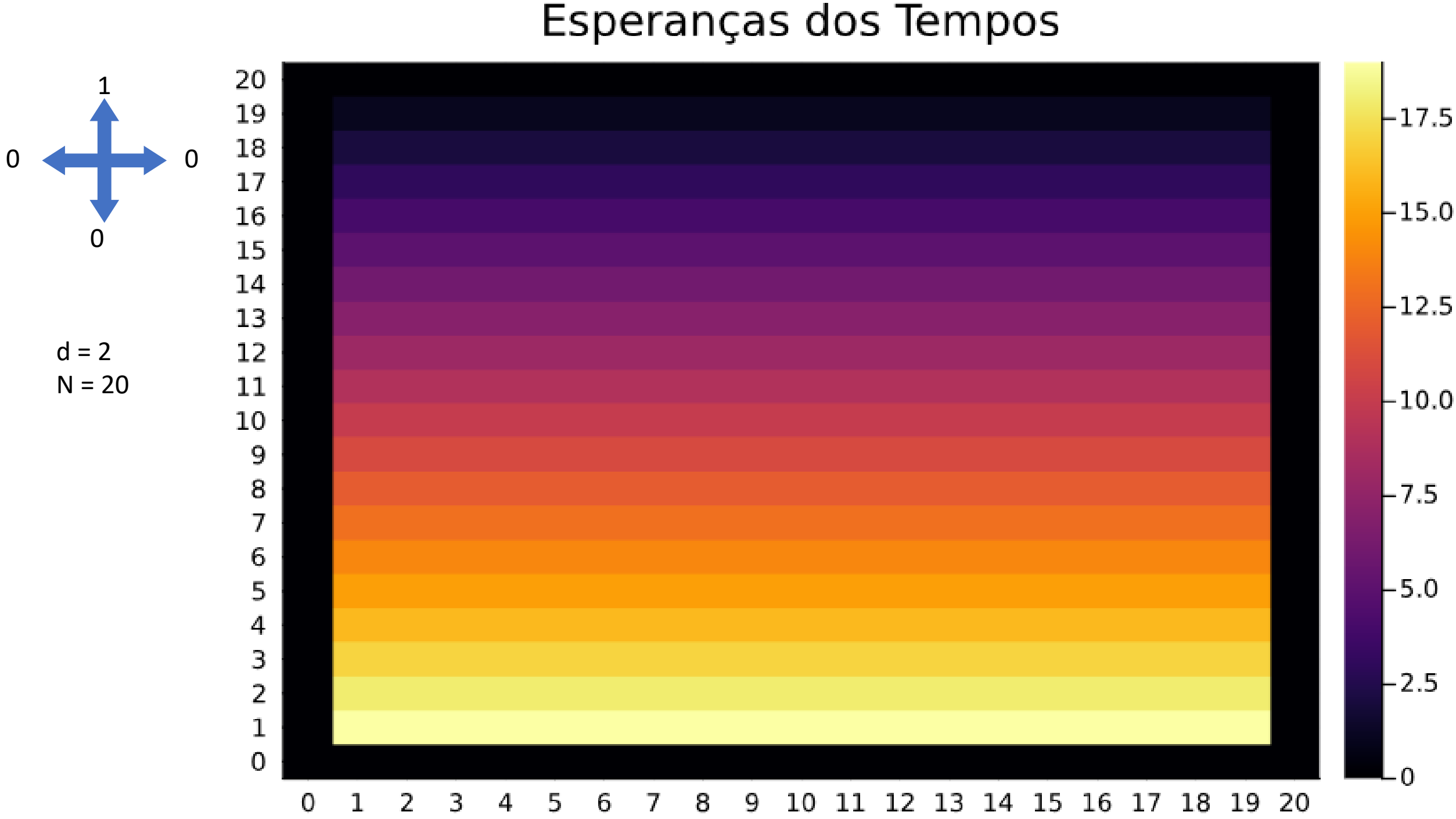




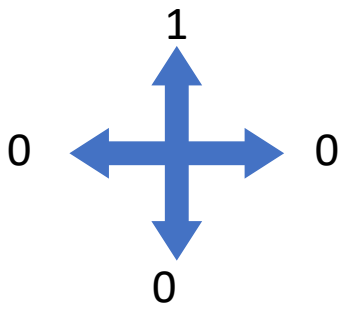
d = 2

N = 20

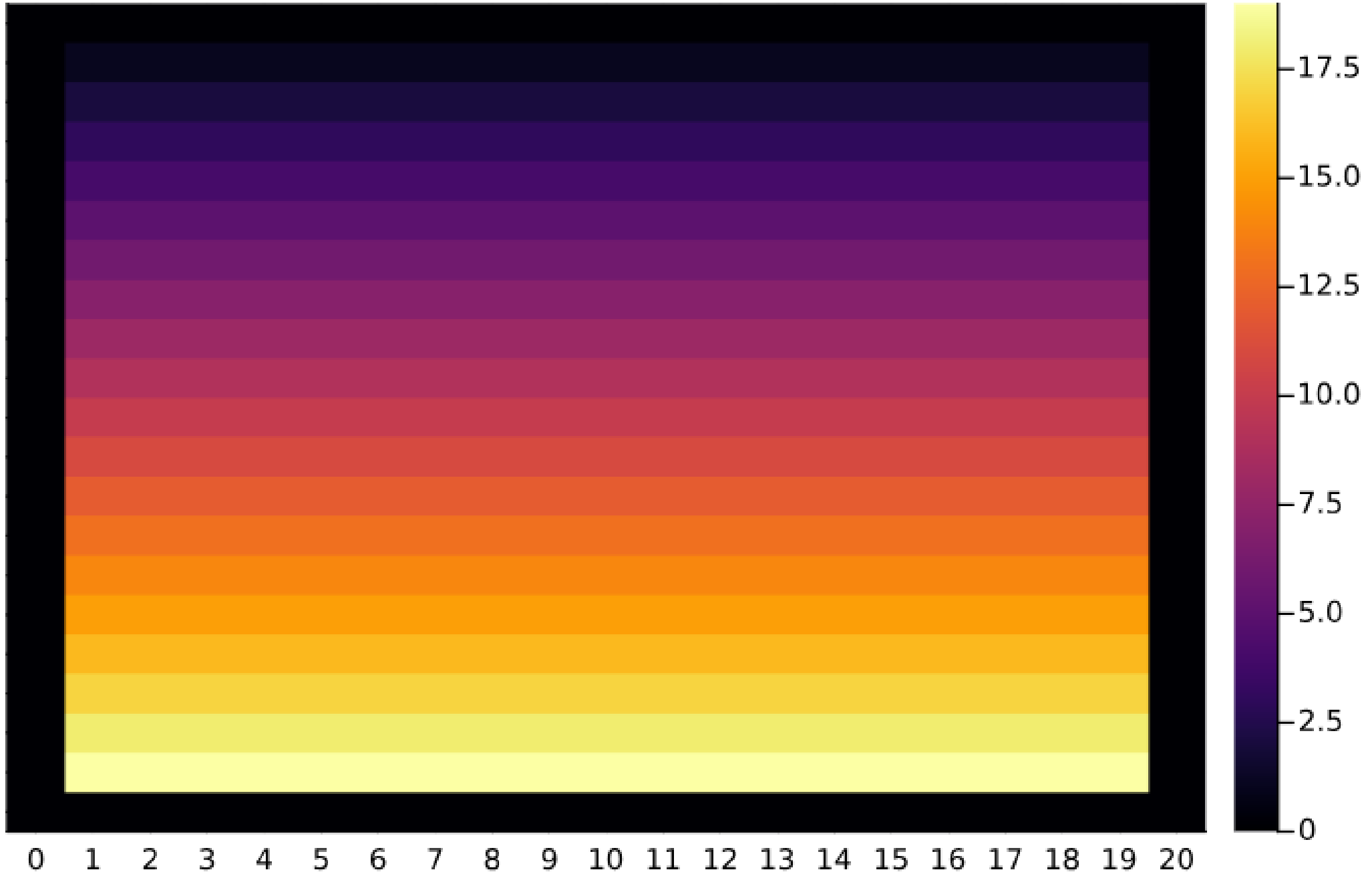
i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-0.0
2	-0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	-0.0
3	-0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	-0.0
4	-0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-0.0
5	-0.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	-0.0
6	-0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	-0.0
7	-0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	-0.0
8	-0.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	-0.0
9	-0.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	-0.0
10	-0.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	-0.0
11	-0.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	-0.0
12	-0.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	-0.0
13	-0.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	-0.0
14	-0.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	-0.0
15	-0.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	-0.0
16	-0.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	-0.0
17	-0.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	-0.0
18	-0.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	-0.0
19	-0.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0

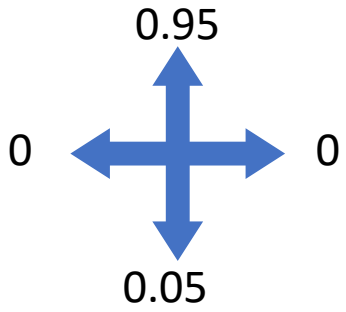

Esperanças dos Tempos
1
0
0
0
d = 2
N = 20
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0

Médias dos Tempos Simulados



d = 2
N = 20

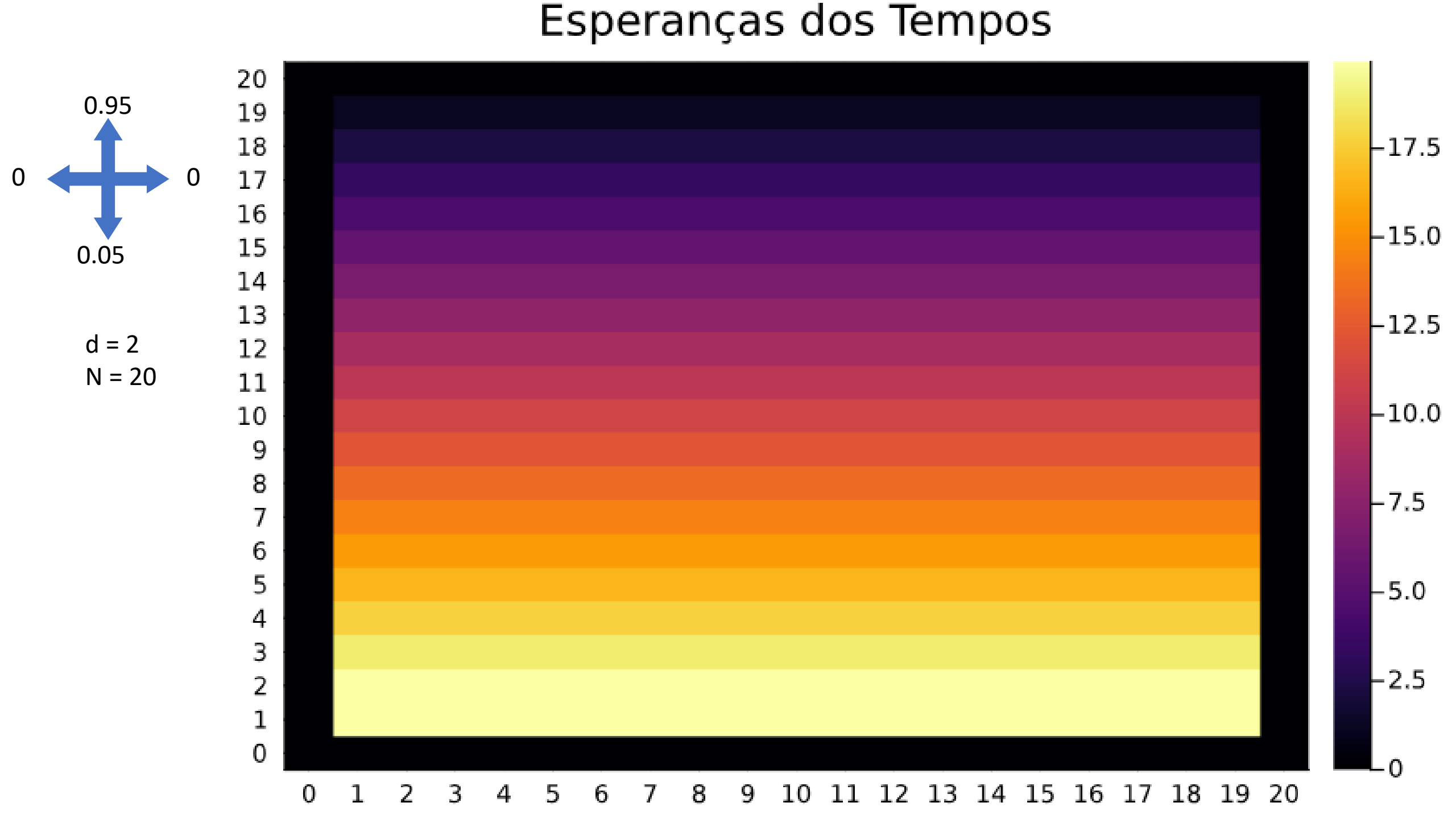




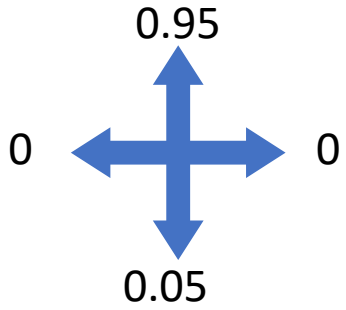
d = 2

N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	-0.0
2	-0.0	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	-0.0
3	-0.0	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	-0.0
4	-0.0	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	-0.0
5	-0.0	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.56	-0.0
6	-0.0	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	-0.0
7	-0.0	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	-0.0
8	-0.0	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89	-0.0
9	-0.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	-0.0
10	-0.0	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	-0.0
11	-0.0	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	-0.0
12	-0.0	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	13.33	-0.0
13	-0.0	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	14.44	-0.0
14	-0.0	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	-0.0
15	-0.0	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	16.67	-0.0
16	-0.0	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	17.78	-0.0
17	-0.0	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	18.89	-0.0
18	-0.0	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	-0.0
19	-0.0	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	19.94	-0.0
20	-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	-0.0	-0.0	0.0	-0.0

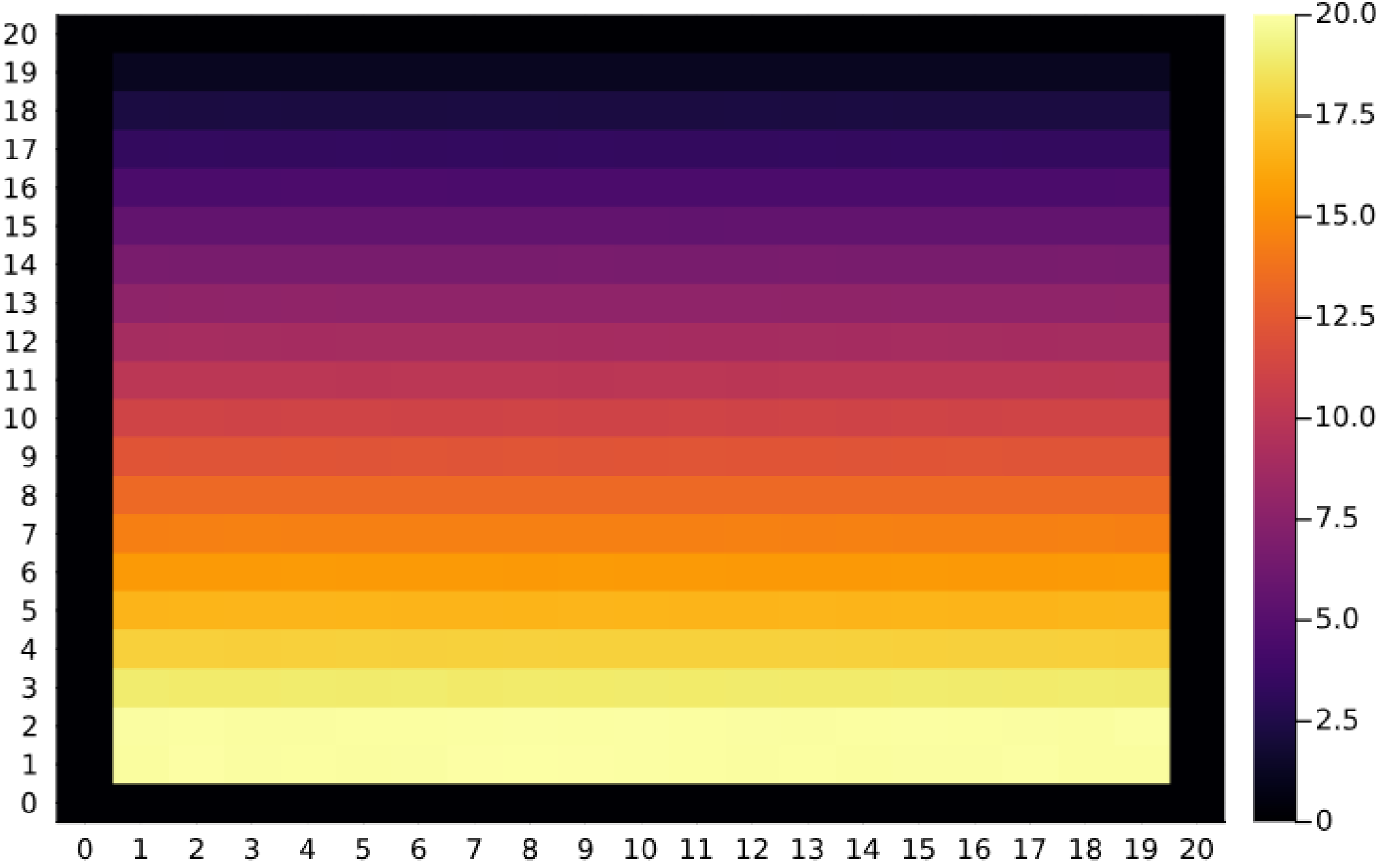

Esperanças dos Tempos
0.95
0
0
0.05
d = 2
N = 20
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0

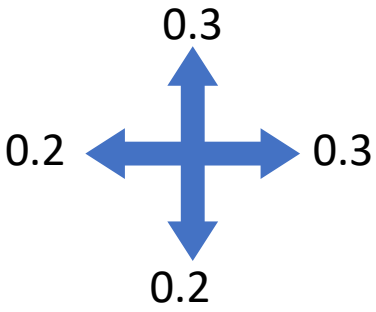
Médias dos Tempos Simulados



d = 2

N = 20

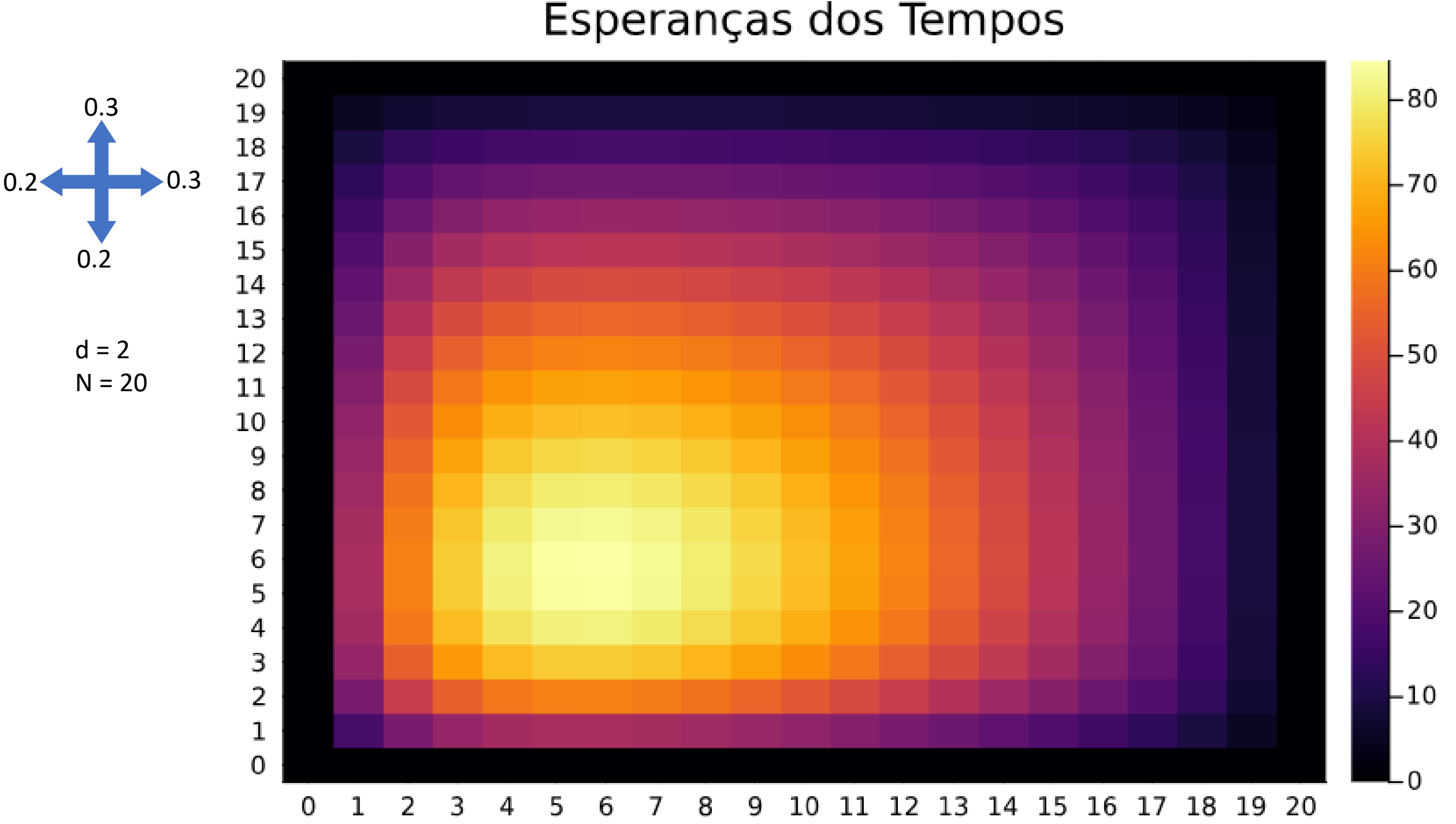




d = 2

N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	5.05	7.29	8.35	8.85	9.07	9.14	9.12	9.05	8.93	8.78	8.58	8.34	8.03	7.66	7.17	6.55	5.72	4.55	2.82	-0.0
2	-0.0	9.3	13.89	16.17	17.28	17.78	17.94	17.9	17.72	17.45	17.08	16.62	16.05	15.35	14.48	13.39	12.0	10.2	7.81	4.55	-0.0
3	-0.0	13.1	19.97	23.52	25.3	26.11	26.36	26.28	25.97	25.5	24.87	24.08	23.11	21.93	20.48	18.7	16.49	13.72	10.2	5.72	-0.0
4	-0.0	16.58	25.62	30.44	32.9	34.03	34.37	34.23	33.76	33.04	32.1	30.92	29.5	27.78	25.71	23.21	20.18	16.49	12.0	6.55	-0.0
5	-0.0	19.81	30.9	36.95	40.08	41.52	41.93	41.71	41.05	40.05	38.75	37.15	35.23	32.95	30.24	27.02	23.21	18.7	13.39	7.17	-0.0
6	-0.0	22.82	35.84	43.06	46.83	48.56	49.03	48.71	47.83	46.52	44.83	42.78	40.35	37.48	34.14	30.24	25.71	20.48	14.48	7.66	-0.0
7	-0.0	25.63	40.46	48.77	53.15	55.14	55.65	55.2	54.07	52.43	50.35	47.83	44.87	41.44	37.48	32.95	27.78	21.93	15.35	8.03	-0.0
8	-0.0	28.24	44.74	54.07	59.0	61.23	61.76	61.16	59.78	57.8	55.3	52.32	48.85	44.87	40.35	35.23	29.5	23.11	16.05	8.34	-0.0
9	-0.0	30.64	48.69	58.95	64.39	66.82	67.34	66.58	64.94	62.61	59.71	56.28	52.32	47.83	42.78	37.15	30.92	24.08	16.62	8.58	-0.0
10	-0.0	32.82	52.26	63.36	69.25	71.85	72.35	71.43	69.53	66.86	63.57	59.71	55.3	50.35	44.83	38.75	32.1	24.87	17.08	8.78	-0.0
11	-0.0	34.74	55.42	67.26	73.53	76.27	76.73	75.65	73.49	70.52	66.86	62.61	57.8	52.43	46.52	40.05	33.04	25.5	17.45	8.93	-0.0
12	-0.0	36.36	58.07	70.52	77.11	79.96	80.36	79.13	76.75	73.49	69.53	64.94	59.78	54.07	47.83	41.05	33.76	25.97	17.72	9.05	-0.0
13	-0.0	37.59	60.07	72.99	79.81	82.72	83.07	81.71	79.13	75.65	71.43	66.58	61.16	55.2	48.71	41.71	34.23	26.28	17.9	9.12	-0.0
14	-0.0	38.28	61.2	74.37	81.3	84.23	84.54	83.07	80.36	76.73	72.35	67.34	61.76	55.65	49.03	41.93	34.37	26.36	17.94	9.14	-0.0
15	-0.0	38.2	61.07	74.19	81.09	83.97	84.23	82.72	79.96	76.27	71.85	66.82	61.23	55.14	48.56	41.52	34.03	26.11	17.78	9.07	-0.0
16	-0.0	36.98	59.07	71.72	78.34	81.09	81.3	79.81	77.11	73.53	69.25	64.39	59.0	53.15	46.83	40.08	32.9	25.3	17.28	8.85	-0.0
17	-0.0	34.0	54.2	65.71	71.72	74.19	74.37	72.99	70.52	67.26	63.36	58.95	54.07	48.77	43.06	36.95	30.44	23.52	16.17	8.35	-0.0
18	-0.0	28.23	44.81	54.2	59.07	61.07	61.2	60.07	58.07	55.42	52.26	48.69	44.74	40.46	35.84	30.9	25.62	19.97	13.89	7.29	-0.0
19	-0.0	17.94	28.23	34.0	36.98	38.2	38.28	37.59	36.36	34.74	32.82	30.64	28.24	25.63	22.82	19.81	16.58	13.1	9.3	5.05	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0


Esperanças dos Tempos
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0.3
0.2
d = 2
N = 20
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19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
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1
0
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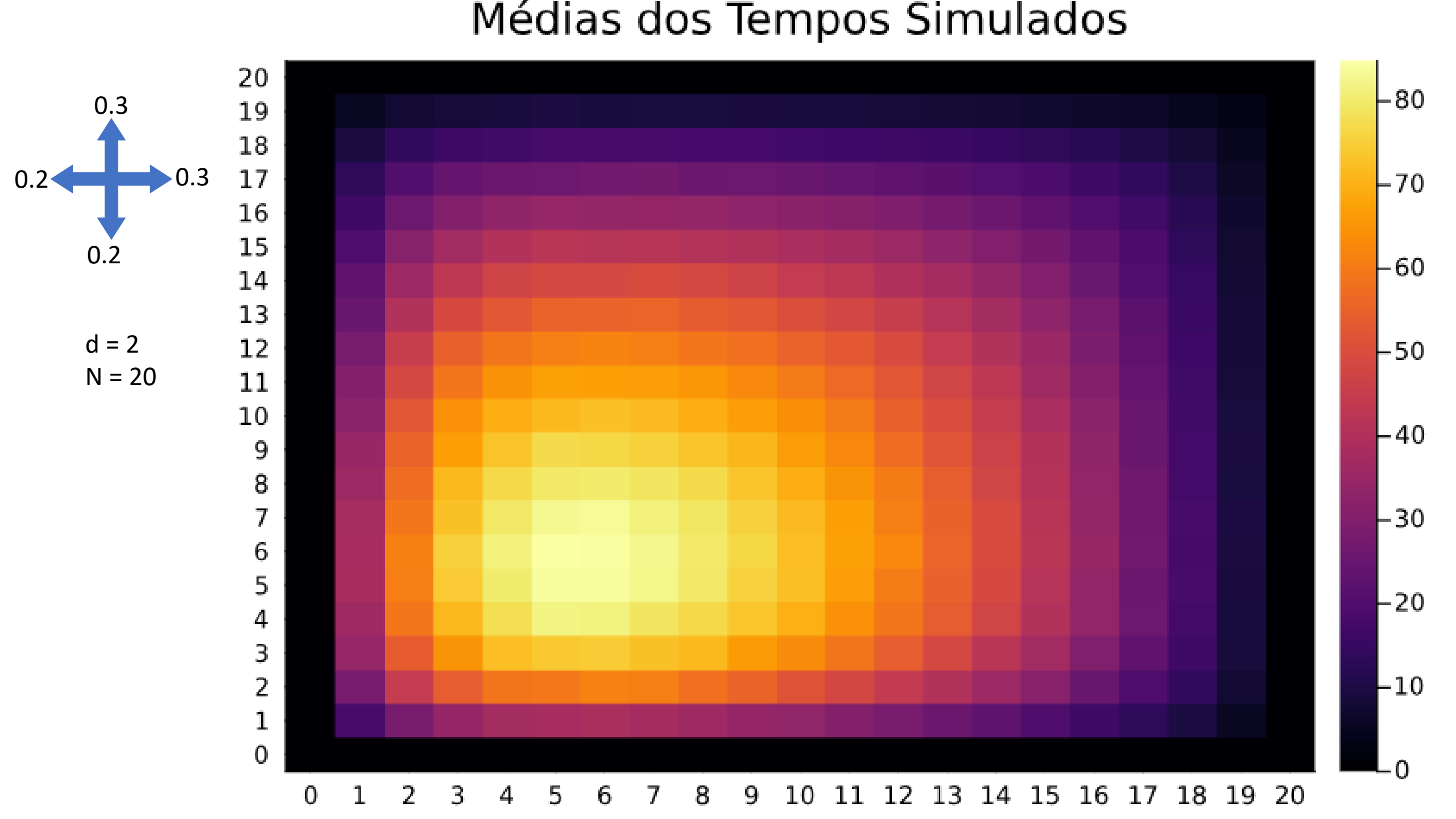
70
60
50
40
30
20
10
0


Médias dos Tempos Simulados
0.3
0.2
0.3
0.2
d = 2
N = 20
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19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
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1
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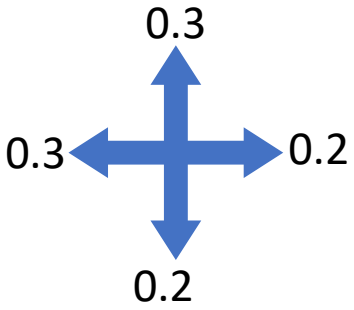
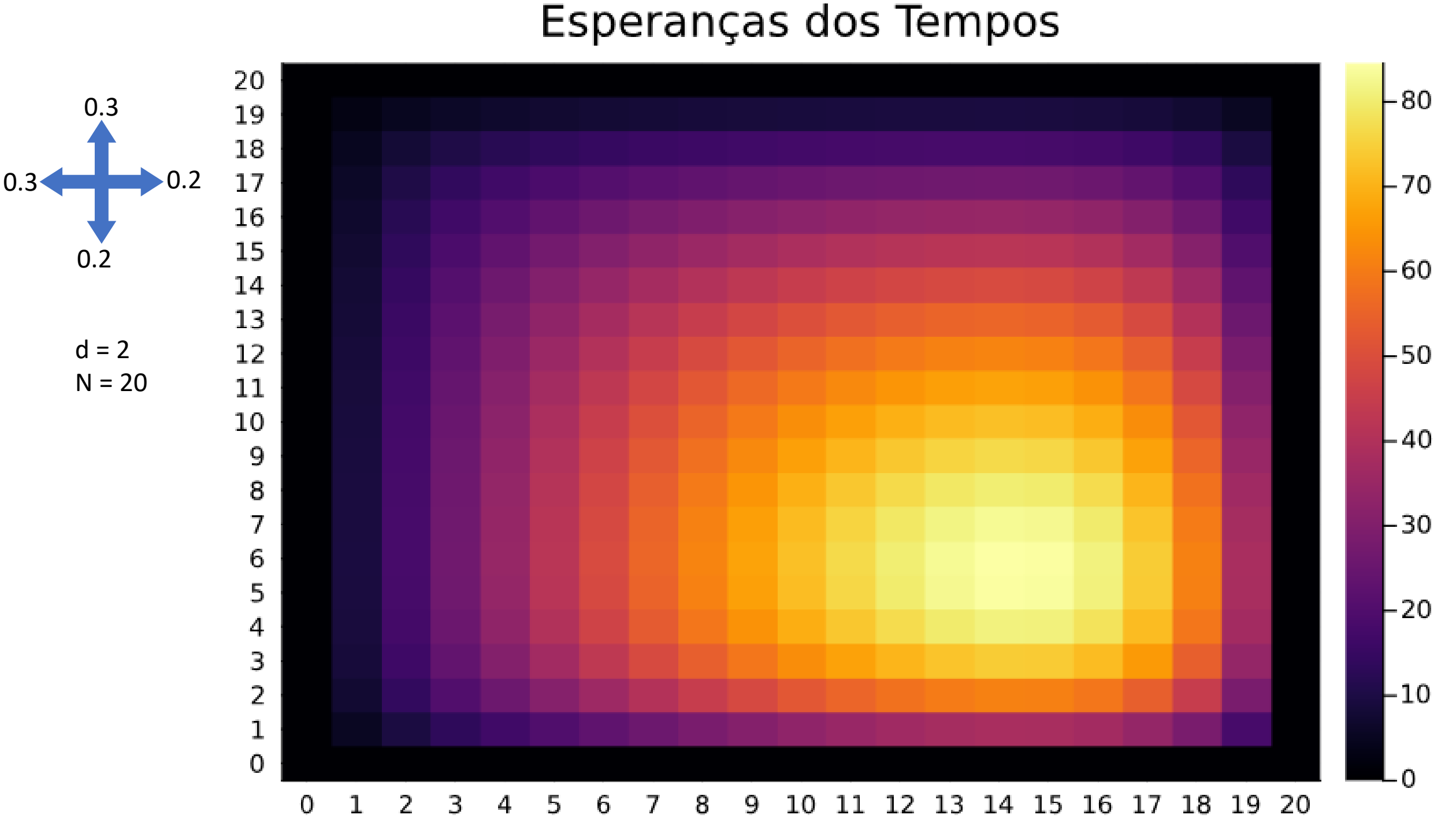
80
70
60
50
40
30
20
10
0



d = 2

N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	2.82	4.55	5.72	6.55	7.17	7.66	8.03	8.34	8.58	8.78	8.93	9.05	9.12	9.14	9.07	8.85	8.35	7.29	5.05	-0.0
2	-0.0	4.55	7.81	10.2	12.0	13.39	14.48	15.35	16.05	16.62	17.08	17.45	17.72	17.9	17.94	17.78	17.28	16.17	13.89	9.3	-0.0
3	-0.0	5.72	10.2	13.72	16.49	18.7	20.48	21.93	23.11	24.08	24.87	25.5	25.97	26.28	26.36	26.11	25.3	23.52	19.97	13.1	-0.0
4	-0.0	6.55	12.0	16.49	20.18	23.21	25.71	27.78	29.5	30.92	32.1	33.04	33.76	34.23	34.37	34.03	32.9	30.44	25.62	16.58	-0.0
5	-0.0	7.17	13.39	18.7	23.21	27.02	30.24	32.95	35.23	37.15	38.75	40.05	41.05	41.71	41.93	41.52	40.08	36.95	30.9	19.81	-0.0
6	-0.0	7.66	14.48	20.48	25.71	30.24	34.14	37.48	40.35	42.78	44.83	46.52	47.83	48.71	49.03	48.56	46.83	43.06	35.84	22.82	-0.0
7	-0.0	8.03	15.35	21.93	27.78	32.95	37.48	41.44	44.87	47.83	50.35	52.43	54.07	55.2	55.65	55.14	53.15	48.77	40.46	25.63	-0.0
8	-0.0	8.34	16.05	23.11	29.5	35.23	40.35	44.87	48.85	52.32	55.3	57.8	59.78	61.16	61.76	61.23	59.0	54.07	44.74	28.24	-0.0
9	-0.0	8.58	16.62	24.08	30.92	37.15	42.78	47.83	52.32	56.28	59.71	62.61	64.94	66.58	67.34	66.82	64.39	58.95	48.69	30.64	-0.0
10	-0.0	8.78	17.08	24.87	32.1	38.75	44.83	50.35	55.3	59.71	63.57	66.86	69.53	71.43	72.35	71.85	69.25	63.36	52.26	32.82	-0.0
11	-0.0	8.93	17.45	25.5	33.04	40.05	46.52	52.43	57.8	62.61	66.86	70.52	73.49	75.65	76.73	76.27	73.53	67.26	55.42	34.74	-0.0
12	-0.0	9.05	17.72	25.97	33.76	41.05	47.83	54.07	59.78	64.94	69.53	73.49	76.75	79.13	80.36	79.96	77.11	70.52	58.07	36.36	-0.0
13	-0.0	9.12	17.9	26.28	34.23	41.71	48.71	55.2	61.16	66.58	71.43	75.65	79.13	81.71	83.07	82.72	79.81	72.99	60.07	37.59	-0.0
14	-0.0	9.14	17.94	26.36	34.37	41.93	49.03	55.65	61.76	67.34	72.35	76.73	80.36	83.07	84.54	84.23	81.3	74.37	61.2	38.28	-0.0
15	-0.0	9.07	17.78	26.11	34.03	41.52	48.56	55.14	61.23	66.82	71.85	76.27	79.96	82.72	84.23	83.97	81.09	74.19	61.07	38.2	-0.0
16	-0.0	8.85	17.28	25.3	32.9	40.08	46.83	53.15	59.0	64.39	69.25	73.53	77.11	79.81	81.3	81.09	78.34	71.72	59.07	36.98	-0.0
17	-0.0	8.35	16.17	23.52	30.44	36.95	43.06	48.77	54.07	58.95	63.36	67.26	70.52	72.99	74.37	74.19	71.72	65.71	54.2	34.0	-0.0
18	-0.0	7.29	13.89	19.97	25.62	30.9	35.84	40.46	44.74	48.69	52.26	55.42	58.07	60.07	61.2	61.07	59.07	54.2	44.81	28.23	-0.0
19	-0.0	5.05	9.3	13.1	16.58	19.81	22.82	25.63	28.24	30.64	32.82	34.74	36.36	37.59	38.28	38.2	36.98	34.0	28.23	17.94	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0


Esperanças dos Tempos
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0.3
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0.2
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N = 20
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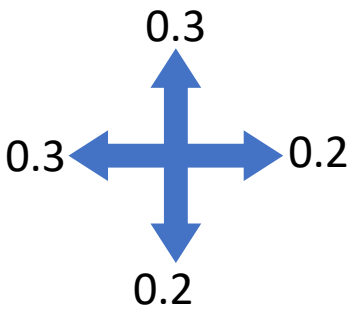
0 10 20 30 40 50 60 70 80

Médias dos Tempos Simulados



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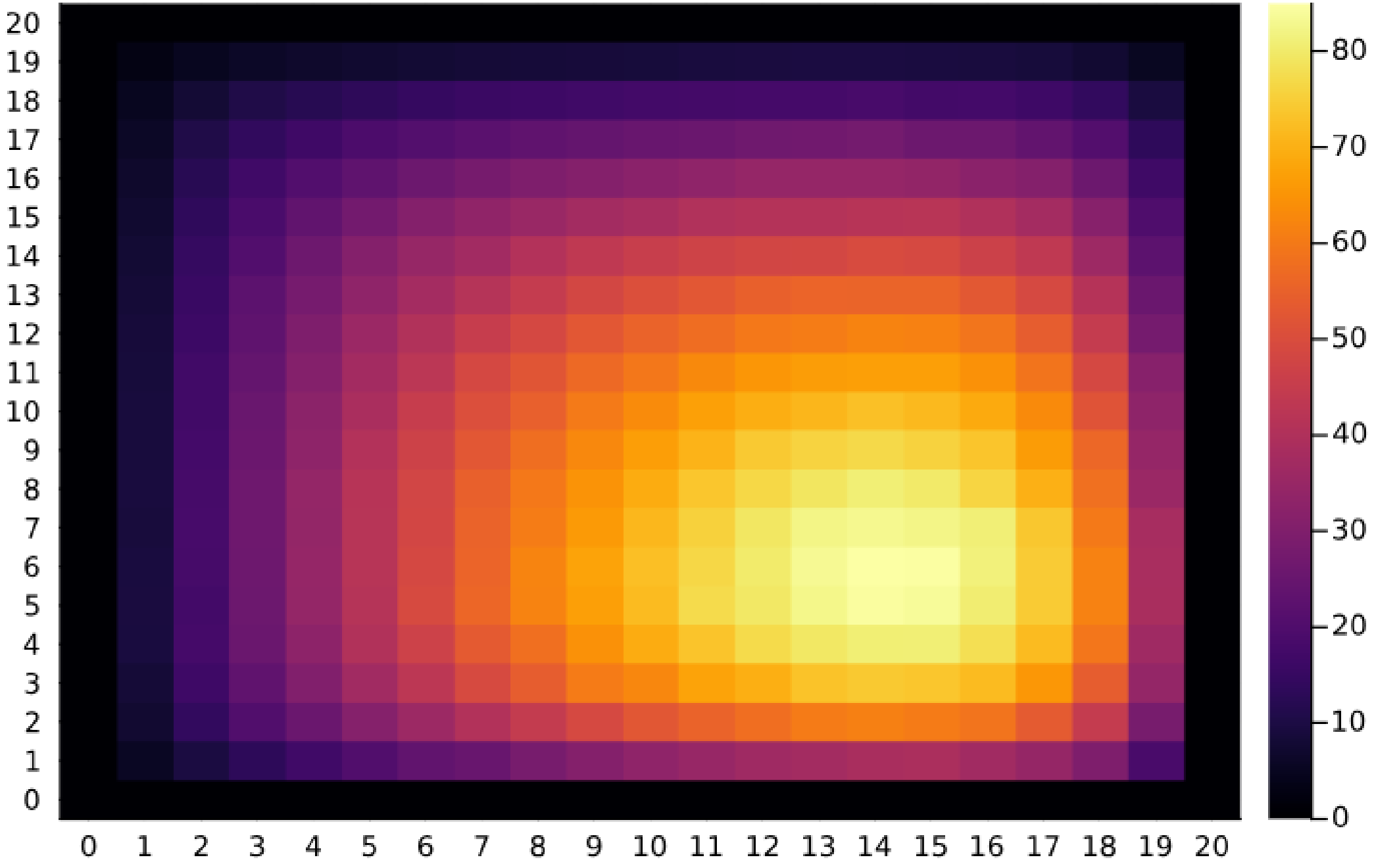
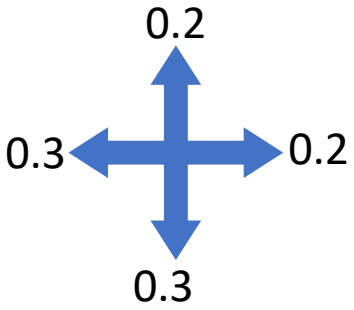
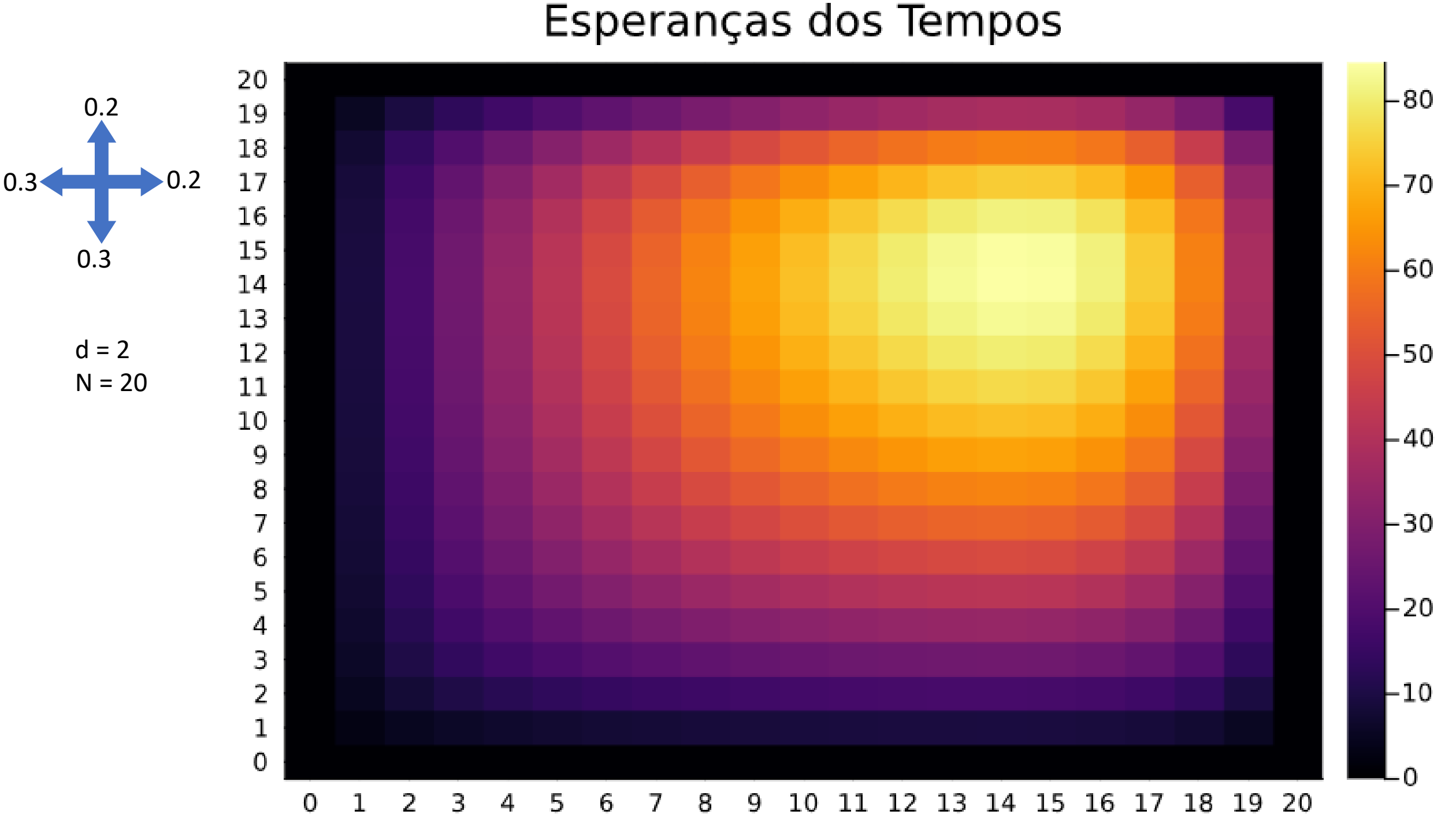




d = 2
N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	5.05	9.3	13.1	16.58	19.81	22.82	25.63	28.24	30.64	32.82	34.74	36.36	37.59	38.28	38.2	36.98	34.0	28.23	17.94	-0.0
2	-0.0	7.29	13.89	19.97	25.62	30.9	35.84	40.46	44.74	48.69	52.26	55.42	58.07	60.07	61.2	61.07	59.07	54.2	44.81	28.23	-0.0
3	-0.0	8.35	16.17	23.52	30.44	36.95	43.06	48.77	54.07	58.95	63.36	67.26	70.52	72.99	74.37	74.19	71.72	65.71	54.2	34.0	-0.0
4	-0.0	8.85	17.28	25.3	32.9	40.08	46.83	53.15	59.0	64.39	69.25	73.53	77.11	79.81	81.3	81.09	78.34	71.72	59.07	36.98	-0.0
5	-0.0	9.07	17.78	26.11	34.03	41.52	48.56	55.14	61.23	66.82	71.85	76.27	79.96	82.72	84.23	83.97	81.09	74.19	61.07	38.2	-0.0
6	-0.0	9.14	17.94	26.36	34.37	41.93	49.03	55.65	61.76	67.34	72.35	76.73	80.36	83.07	84.54	84.23	81.3	74.37	61.2	38.28	-0.0
7	-0.0	9.12	17.9	26.28	34.23	41.71	48.71	55.2	61.16	66.58	71.43	75.65	79.13	81.71	83.07	82.72	79.81	72.99	60.07	37.59	-0.0
8	-0.0	9.05	17.72	25.97	33.76	41.05	47.83	54.07	59.78	64.94	69.53	73.49	76.75	79.13	80.36	79.96	77.11	70.52	58.07	36.36	-0.0
9	-0.0	8.93	17.45	25.5	33.04	40.05	46.52	52.43	57.8	62.61	66.86	70.52	73.49	75.65	76.73	76.27	73.53	67.26	55.42	34.74	-0.0
10	-0.0	8.78	17.08	24.87	32.1	38.75	44.83	50.35	55.3	59.71	63.57	66.86	69.53	71.43	72.35	71.85	69.25	63.36	52.26	32.82	-0.0
11	-0.0	8.58	16.62	24.08	30.92	37.15	42.78	47.83	52.32	56.28	59.71	62.61	64.94	66.58	67.34	66.82	64.39	58.95	48.69	30.64	-0.0
12	-0.0	8.34	16.05	23.11	29.5	35.23	40.35	44.87	48.85	52.32	55.3	57.8	59.78	61.16	61.76	61.23	59.0	54.07	44.74	28.24	-0.0
13	-0.0	8.03	15.35	21.93	27.78	32.95	37.48	41.44	44.87	47.83	50.35	52.43	54.07	55.2	55.65	55.14	53.15	48.77	40.46	25.63	-0.0
14	-0.0	7.66	14.48	20.48	25.71	30.24	34.14	37.48	40.35	42.78	44.83	46.52	47.83	48.71	49.03	48.56	46.83	43.06	35.84	22.82	-0.0
15	-0.0	7.17	13.39	18.7	23.21	27.02	30.24	32.95	35.23	37.15	38.75	40.05	41.05	41.71	41.93	41.52	40.08	36.95	30.9	19.81	-0.0
16	-0.0	6.55	12.0	16.49	20.18	23.21	25.71	27.78	29.5	30.92	32.1	33.04	33.76	34.23	34.37	34.03	32.9	30.44	25.62	16.58	-0.0
17	-0.0	5.72	10.2	13.72	16.49	18.7	20.48	21.93	23.11	24.08	24.87	25.5	25.97	26.28	26.36	26.11	25.3	23.52	19.97	13.1	-0.0
18	-0.0	4.55	7.81	10.2	12.0	13.39	14.48	15.35	16.05	16.62	17.08	17.45	17.72	17.9	17.94	17.78	17.28	16.17	13.89	9.3	-0.0
19	-0.0	2.82	4.55	5.72	6.55	7.17	7.66	8.03	8.34	8.58	8.78	8.93	9.05	9.12	9.14	9.07	8.85	8.35	7.29	5.05	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0


Esperanças dos Tempos
0.2
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0.2
0.3
d = 2
N = 20
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18
17
16
15
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6
5
4
3
2
1
0
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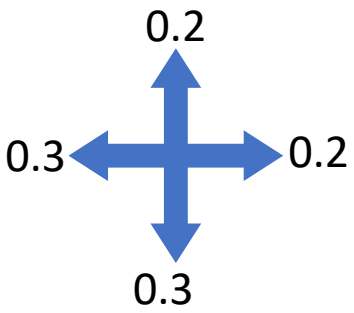
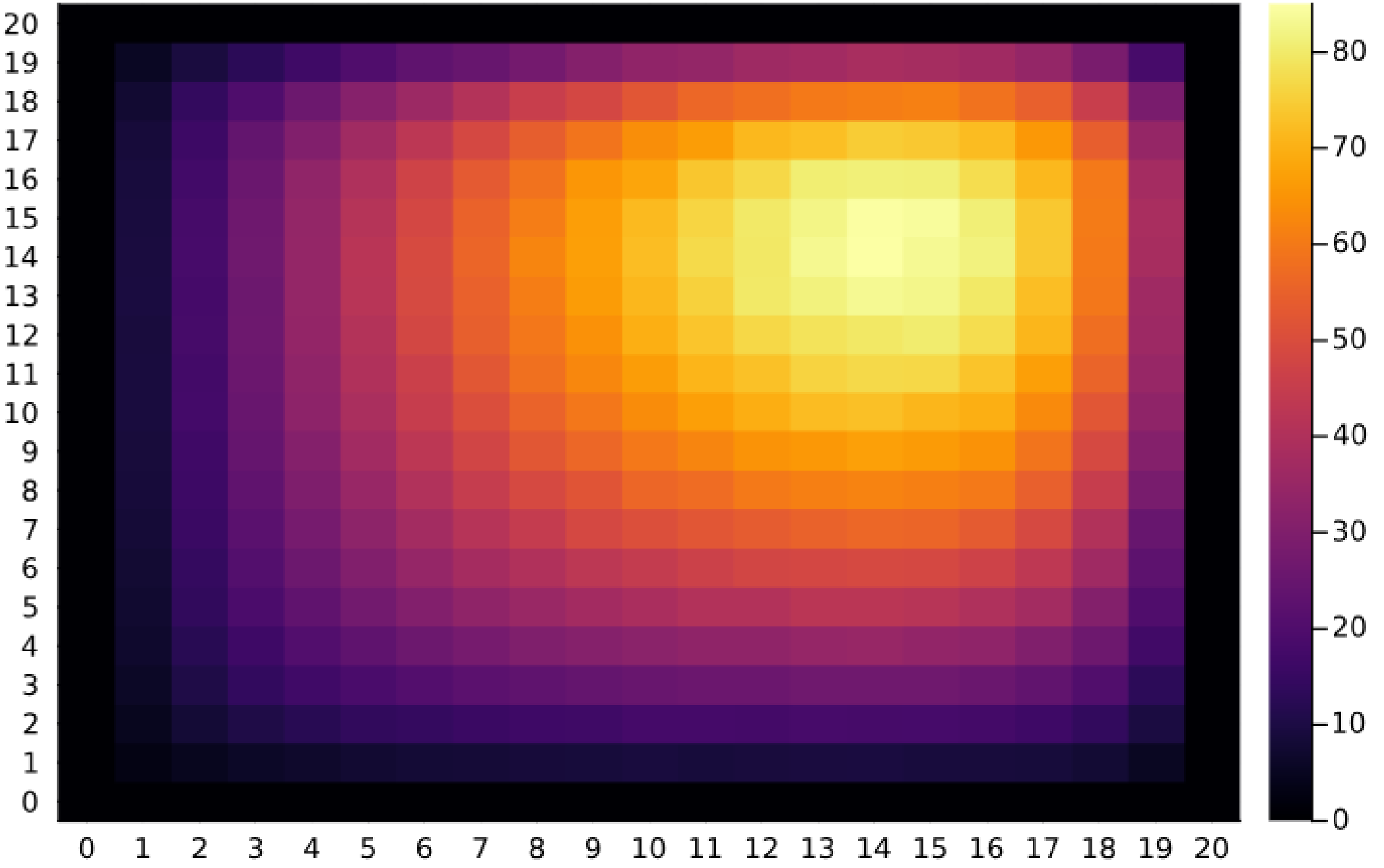
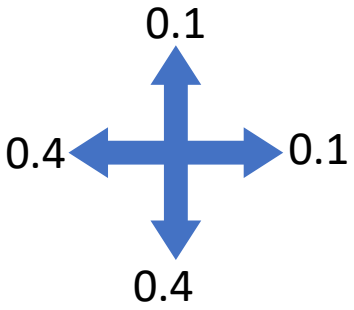
70
60
50
40
30
20
10
0

Médias dos Tempos Simulados



d = 2
N = 20

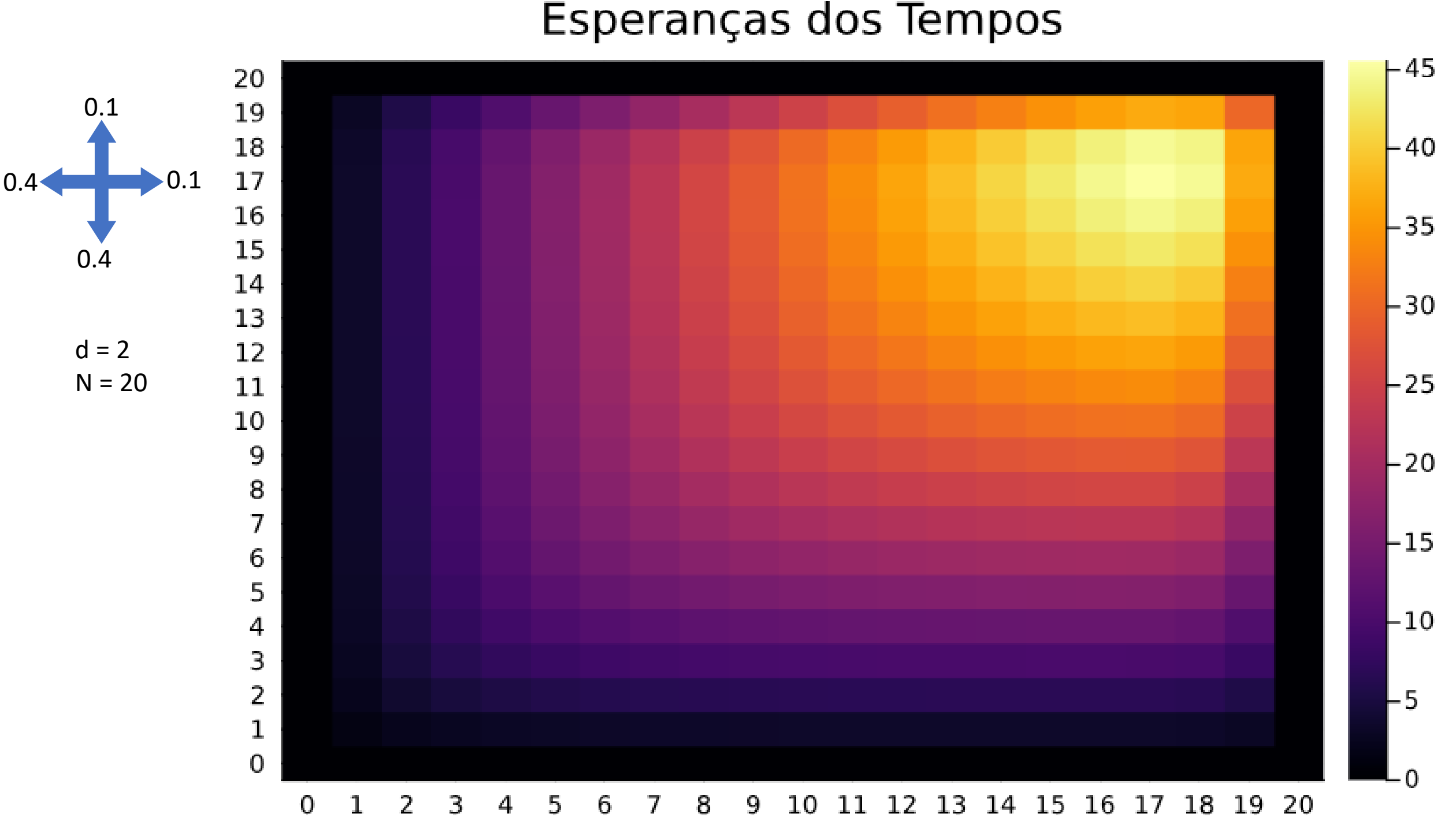




d = 2

N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	2.86	5.55	8.15	10.69	13.2	15.66	18.09	20.46	22.77	25.0	27.14	29.18	31.1	32.9	34.54	35.97	36.95	36.44	30.15	-0.0
2	-0.0	3.26	6.47	9.65	12.78	15.88	18.94	21.94	24.87	27.71	30.45	33.06	35.54	37.86	40.01	41.96	43.65	44.79	44.12	36.44	-0.0
3	-0.0	3.32	6.62	9.91	13.17	16.39	19.56	22.67	25.69	28.61	31.39	34.04	36.52	38.82	40.94	42.85	44.48	45.54	44.79	36.95	-0.0
4	-0.0	3.33	6.64	9.94	13.22	16.45	19.62	22.7	25.69	28.55	31.26	33.8	36.17	38.34	40.32	42.08	43.56	44.48	43.65	35.97	-0.0
5	-0.0	3.33	6.64	9.94	13.19	16.4	19.53	22.56	25.46	28.21	30.8	33.2	35.4	37.4	39.2	40.77	42.08	42.85	41.96	34.54	-0.0
6	-0.0	3.32	6.63	9.91	13.15	16.31	19.38	22.32	25.12	27.74	30.17	32.4	34.41	36.22	37.81	39.2	40.32	40.94	40.01	32.9	-0.0
7	-0.0	3.32	6.62	9.88	13.08	16.18	19.17	22.01	24.67	27.13	29.39	31.42	33.23	34.83	36.22	37.4	38.34	38.82	37.86	31.1	-0.0
8	-0.0	3.31	6.6	9.83	12.98	16.01	18.9	21.6	24.1	26.38	28.44	30.26	31.85	33.23	34.41	35.4	36.17	36.52	35.54	29.18	-0.0
9	-0.0	3.31	6.57	9.76	12.84	15.78	18.54	21.08	23.39	25.47	27.29	28.89	30.26	31.42	32.4	33.2	33.8	34.04	33.06	27.14	-0.0
10	-0.0	3.29	6.53	9.67	12.66	15.47	18.07	20.42	22.51	24.35	25.94	27.29	28.44	29.39	30.17	30.8	31.26	31.39	30.45	25.0	-0.0
11	-0.0	3.28	6.47	9.53	12.41	15.06	17.45	19.58	21.43	23.01	24.35	25.47	26.38	27.13	27.74	28.21	28.55	28.61	27.71	22.77	-0.0
12	-0.0	3.25	6.38	9.34	12.06	14.51	16.67	18.53	20.11	21.43	22.51	23.39	24.1	24.67	25.12	25.46	25.69	25.69	24.87	20.46	-0.0
13	-0.0	3.21	6.25	9.06	11.58	13.78	15.66	17.23	18.53	19.58	20.42	21.08	21.6	22.01	22.32	22.56	22.7	22.67	21.94	18.09	-0.0
14	-0.0	3.15	6.06	8.67	10.93	12.83	14.4	15.66	16.67	17.45	18.07	18.54	18.9	19.17	19.38	19.53	19.62	19.56	18.94	15.66	-0.0
15	-0.0	3.05	5.78	8.11	10.05	11.6	12.83	13.78	14.51	15.06	15.47	15.78	16.01	16.18	16.31	16.4	16.45	16.39	15.88	13.2	-0.0
16	-0.0	2.9	5.35	7.33	8.87	10.05	10.93	11.58	12.06	12.41	12.66	12.84	12.98	13.08	13.15	13.19	13.22	13.17	12.78	10.69	-0.0
17	-0.0	2.64	4.7	6.23	7.33	8.11	8.67	9.06	9.34	9.53	9.67	9.76	9.83	9.88	9.91	9.94	9.94	9.91	9.65	8.15	-0.0
18	-0.0	2.21	3.71	4.7	5.35	5.78	6.06	6.25	6.38	6.47	6.53	6.57	6.6	6.62	6.63	6.64	6.64	6.62	6.47	5.55	-0.0
19	-0.0	1.44	2.21	2.64	2.9	3.05	3.15	3.21	3.25	3.28	3.29	3.31	3.31	3.32	3.32	3.33	3.33	3.32	3.26	2.86	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0


Esperanças dos Tempos
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0.4
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4
3
2
1
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
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35
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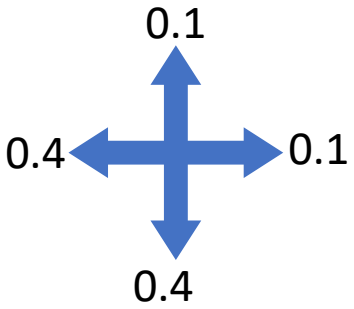
25
20
15
10
5
0

Médias dos Tempos Simulados



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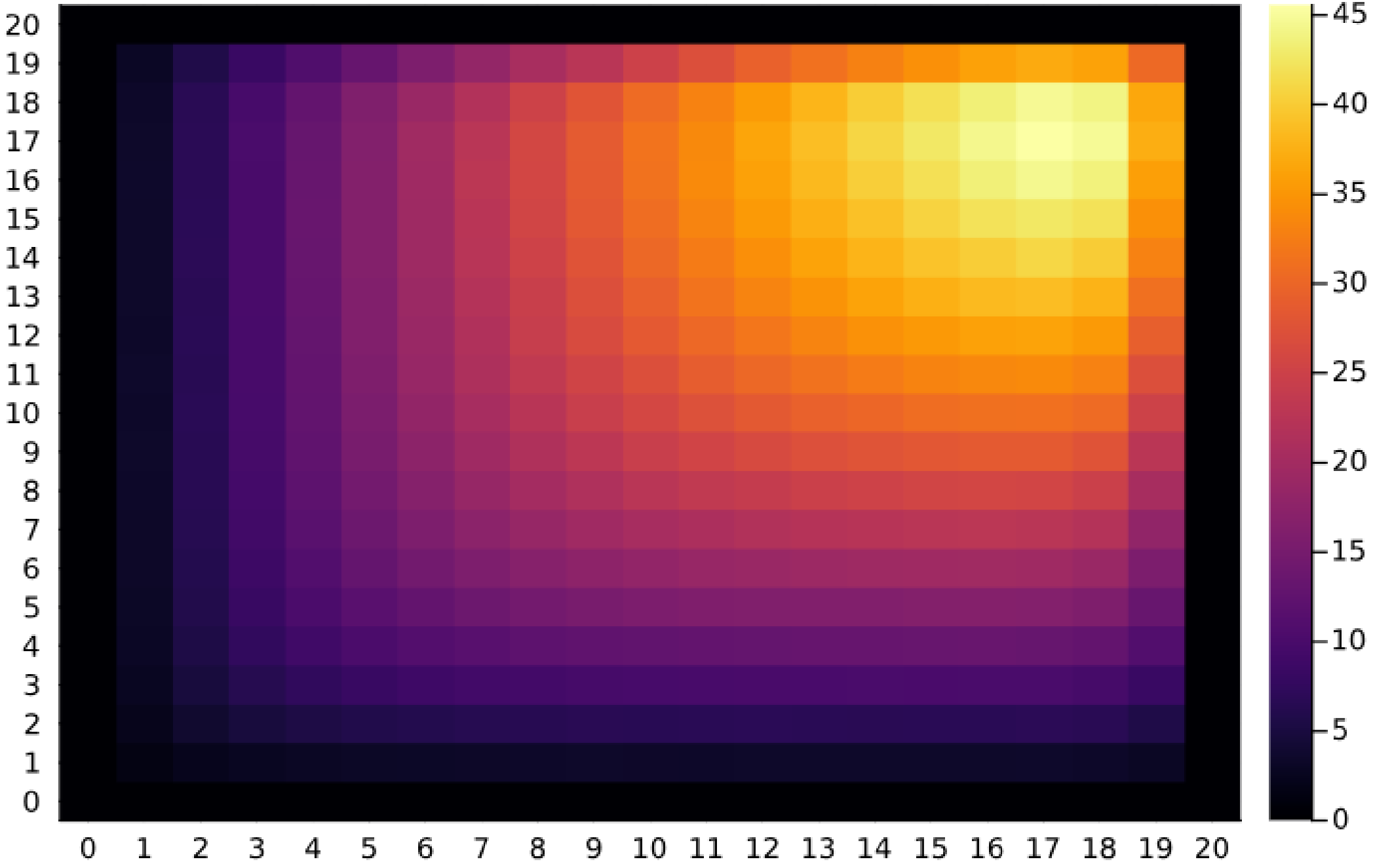
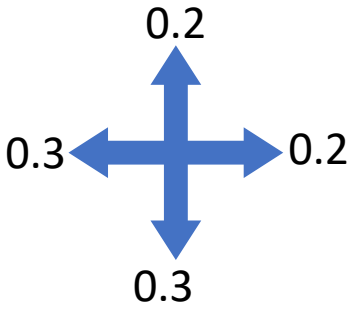
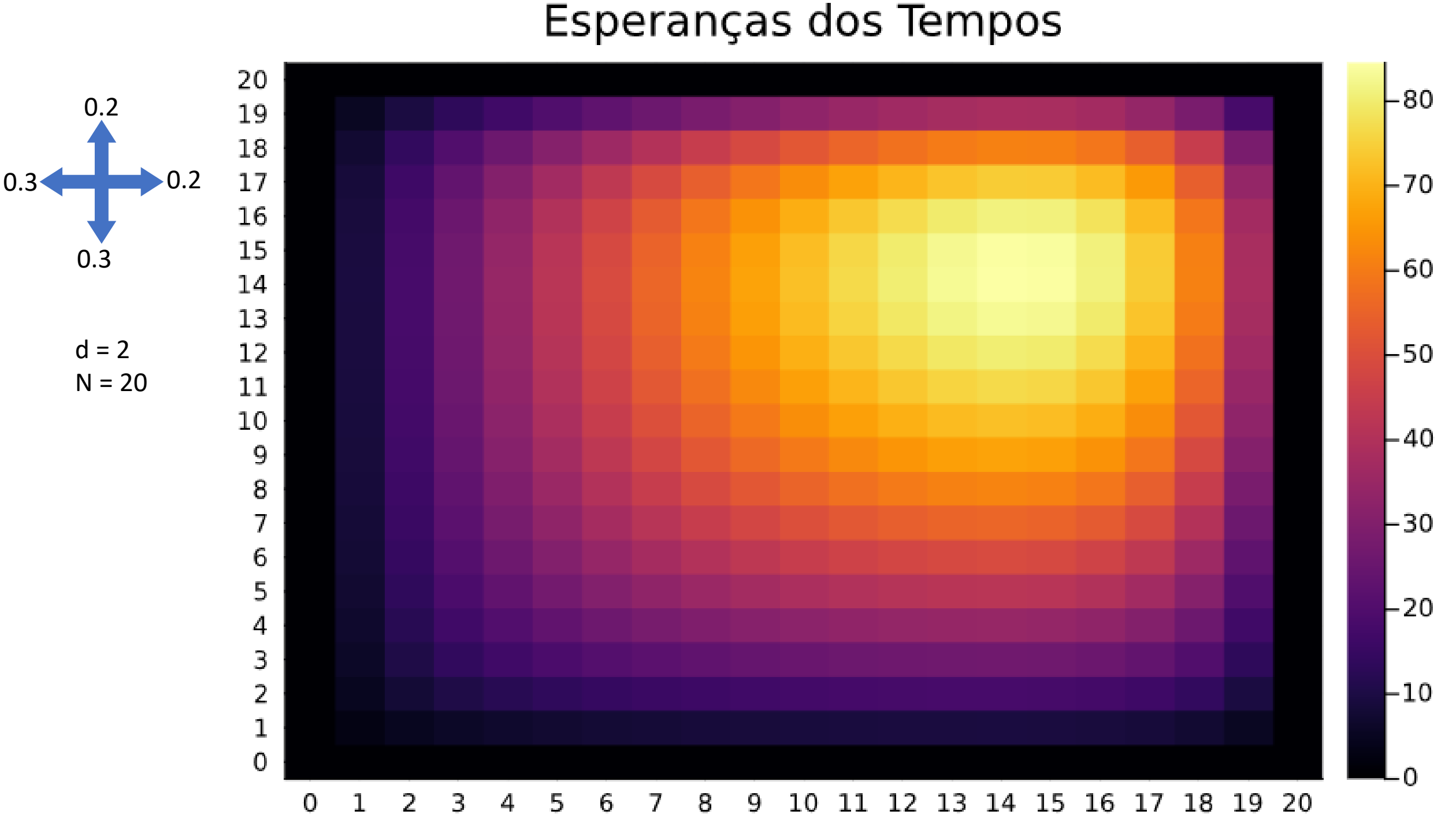




d = 2
N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	5.05	9.3	13.1	16.58	19.81	22.82	25.63	28.24	30.64	32.82	34.74	36.36	37.59	38.28	38.2	36.98	34.0	28.23	17.94	-0.0
2	-0.0	7.29	13.89	19.97	25.62	30.9	35.84	40.46	44.74	48.69	52.26	55.42	58.07	60.07	61.2	61.07	59.07	54.2	44.81	28.23	-0.0
3	-0.0	8.35	16.17	23.52	30.44	36.95	43.06	48.77	54.07	58.95	63.36	67.26	70.52	72.99	74.37	74.19	71.72	65.71	54.2	34.0	-0.0
4	-0.0	8.85	17.28	25.3	32.9	40.08	46.83	53.15	59.0	64.39	69.25	73.53	77.11	79.81	81.3	81.09	78.34	71.72	59.07	36.98	-0.0
5	-0.0	9.07	17.78	26.11	34.03	41.52	48.56	55.14	61.23	66.82	71.85	76.27	79.96	82.72	84.23	83.97	81.09	74.19	61.07	38.2	-0.0
6	-0.0	9.14	17.94	26.36	34.37	41.93	49.03	55.65	61.76	67.34	72.35	76.73	80.36	83.07	84.54	84.23	81.3	74.37	61.2	38.28	-0.0
7	-0.0	9.12	17.9	26.28	34.23	41.71	48.71	55.2	61.16	66.58	71.43	75.65	79.13	81.71	83.07	82.72	79.81	72.99	60.07	37.59	-0.0
8	-0.0	9.05	17.72	25.97	33.76	41.05	47.83	54.07	59.78	64.94	69.53	73.49	76.75	79.13	80.36	79.96	77.11	70.52	58.07	36.36	-0.0
9	-0.0	8.93	17.45	25.5	33.04	40.05	46.52	52.43	57.8	62.61	66.86	70.52	73.49	75.65	76.73	76.27	73.53	67.26	55.42	34.74	-0.0
10	-0.0	8.78	17.08	24.87	32.1	38.75	44.83	50.35	55.3	59.71	63.57	66.86	69.53	71.43	72.35	71.85	69.25	63.36	52.26	32.82	-0.0
11	-0.0	8.58	16.62	24.08	30.92	37.15	42.78	47.83	52.32	56.28	59.71	62.61	64.94	66.58	67.34	66.82	64.39	58.95	48.69	30.64	-0.0
12	-0.0	8.34	16.05	23.11	29.5	35.23	40.35	44.87	48.85	52.32	55.3	57.8	59.78	61.16	61.76	61.23	59.0	54.07	44.74	28.24	-0.0
13	-0.0	8.03	15.35	21.93	27.78	32.95	37.48	41.44	44.87	47.83	50.35	52.43	54.07	55.2	55.65	55.14	53.15	48.77	40.46	25.63	-0.0
14	-0.0	7.66	14.48	20.48	25.71	30.24	34.14	37.48	40.35	42.78	44.83	46.52	47.83	48.71	49.03	48.56	46.83	43.06	35.84	22.82	-0.0
15	-0.0	7.17	13.39	18.7	23.21	27.02	30.24	32.95	35.23	37.15	38.75	40.05	41.05	41.71	41.93	41.52	40.08	36.95	30.9	19.81	-0.0
16	-0.0	6.55	12.0	16.49	20.18	23.21	25.71	27.78	29.5	30.92	32.1	33.04	33.76	34.23	34.37	34.03	32.9	30.44	25.62	16.58	-0.0
17	-0.0	5.72	10.2	13.72	16.49	18.7	20.48	21.93	23.11	24.08	24.87	25.5	25.97	26.28	26.36	26.11	25.3	23.52	19.97	13.1	-0.0
18	-0.0	4.55	7.81	10.2	12.0	13.39	14.48	15.35	16.05	16.62	17.08	17.45	17.72	17.9	17.94	17.78	17.28	16.17	13.89	9.3	-0.0
19	-0.0	2.82	4.55	5.72	6.55	7.17	7.66	8.03	8.34	8.58	8.78	8.93	9.05	9.12	9.14	9.07	8.85	8.35	7.29	5.05	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0


Esperanças dos Tempos
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0.2
0.3
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N = 20
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6
5
4
3
2
1
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
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70
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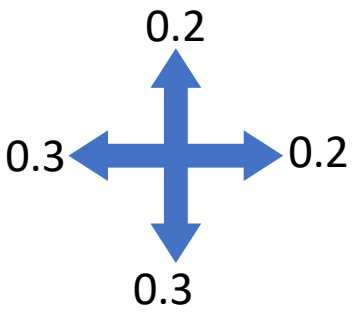
50
40
30
20
10
0

Médias dos Tempos Simulados



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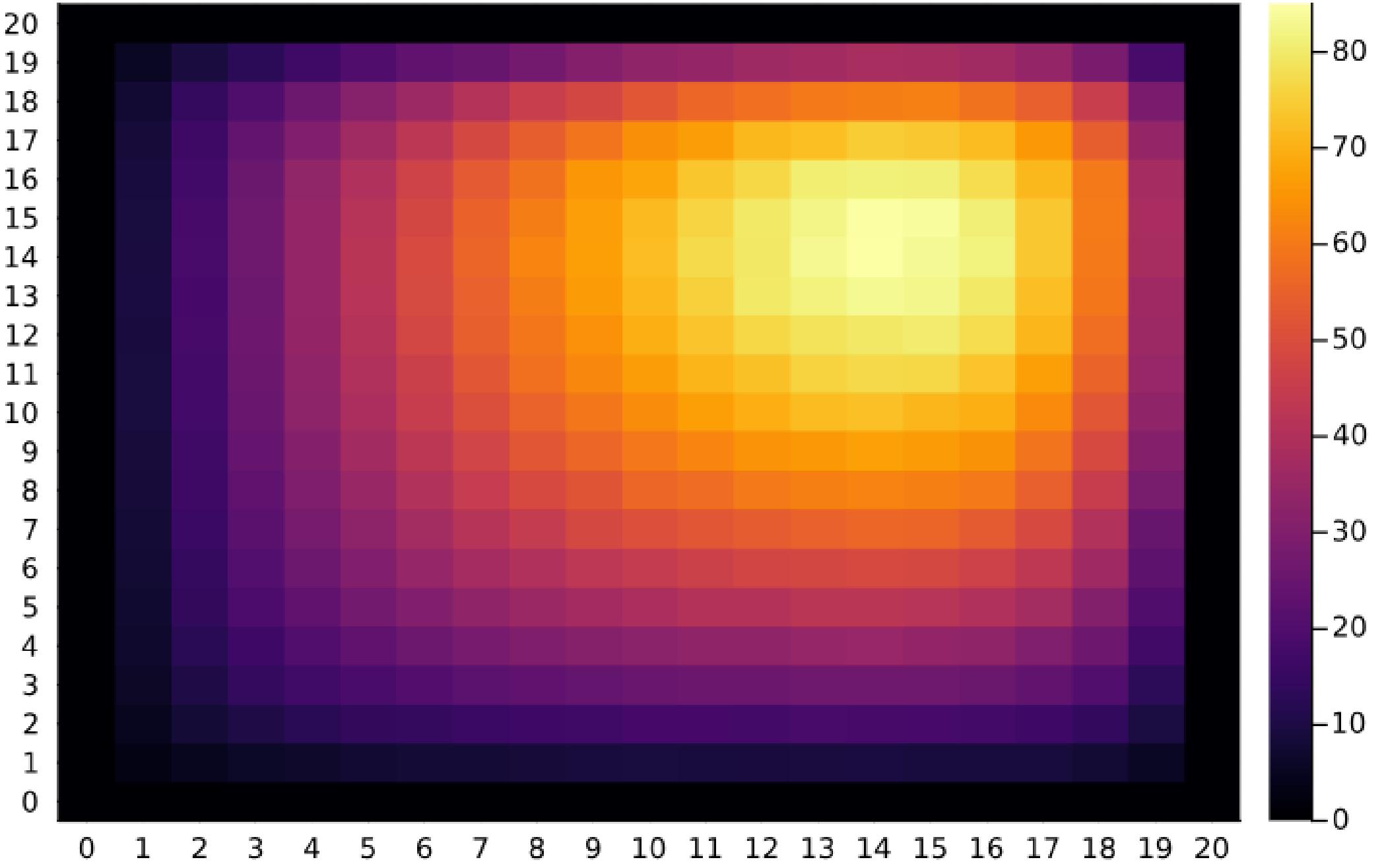
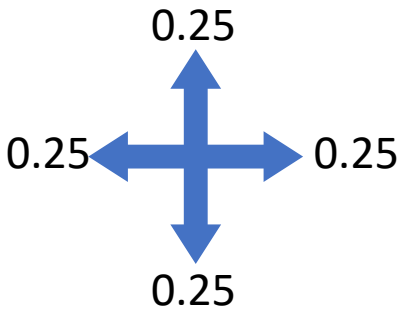
N = 20

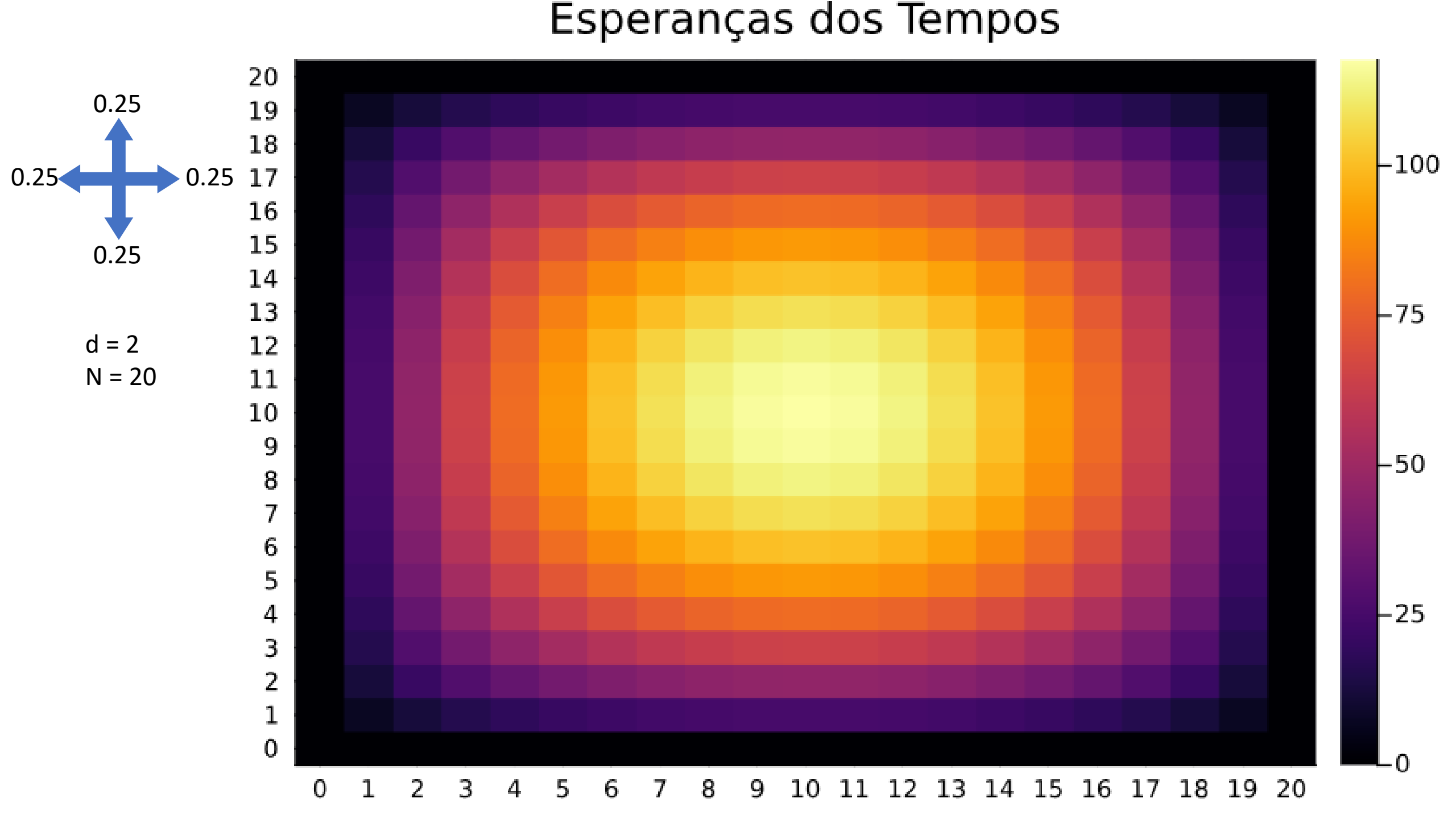




d = 2

N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	6.9	11.8	15.48	18.33	20.54	22.24	23.49	24.35	24.86	25.02	24.86	24.35	23.49	22.24	20.54	18.33	15.48	11.8	6.9	-0.0
2	-0.0	11.8	20.8	27.81	33.3	37.6	40.91	43.37	45.06	46.05	46.38	46.05	45.06	43.37	40.91	37.6	33.3	27.81	20.8	11.8	-0.0
3	-0.0	15.48	27.81	37.64	45.47	51.66	56.44	60.0	62.47	63.92	64.39	63.92	62.47	60.0	56.44	51.66	45.47	37.64	27.81	15.48	-0.0
4	-0.0	18.33	33.3	45.47	55.29	63.11	69.19	73.74	76.89	78.75	79.36	78.75	76.89	73.74	69.19	63.11	55.29	45.47	33.3	18.33	-0.0
5	-0.0	20.54	37.6	51.66	63.11	72.29	79.48	84.87	88.62	90.83	91.56	90.83	88.62	84.87	79.48	72.29	63.11	51.66	37.6	20.54	-0.0
6	-0.0	22.24	40.91	56.44	69.19	79.48	87.56	93.64	97.88	100.38	101.21	100.38	97.88	93.64	87.56	79.48	69.19	56.44	40.91	22.24	-0.0
7	-0.0	23.49	43.37	60.0	73.74	84.87	93.64	100.26	104.88	107.61	108.51	107.61	104.88	100.26	93.64	84.87	73.74	60.0	43.37	23.49	-0.0
8	-0.0	24.35	45.06	62.47	76.89	88.62	97.88	104.88	109.77	112.66	113.62	112.66	109.77	104.88	97.88	88.62	76.89	62.47	45.06	24.35	-0.0
9	-0.0	24.86	46.05	63.92	78.75	90.83	100.38	107.61	112.66	115.65	116.64	115.65	112.66	107.61	100.38	90.83	78.75	63.92	46.05	24.86	-0.0
10	-0.0	25.02	46.38	64.39	79.36	91.56	101.21	108.51	113.62	116.64	117.64	116.64	113.62	108.51	101.21	91.56	79.36	64.39	46.38	25.02	-0.0
11	-0.0	24.86	46.05	63.92	78.75	90.83	100.38	107.61	112.66	115.65	116.64	115.65	112.66	107.61	100.38	90.83	78.75	63.92	46.05	24.86	-0.0
12	-0.0	24.35	45.06	62.47	76.89	88.62	97.88	104.88	109.77	112.66	113.62	112.66	109.77	104.88	97.88	88.62	76.89	62.47	45.06	24.35	-0.0
13	-0.0	23.49	43.37	60.0	73.74	84.87	93.64	100.26	104.88	107.61	108.51	107.61	104.88	100.26	93.64	84.87	73.74	60.0	43.37	23.49	-0.0
14	-0.0	22.24	40.91	56.44	69.19	79.48	87.56	93.64	97.88	100.38	101.21	100.38	97.88	93.64	87.56	79.48	69.19	56.44	40.91	22.24	-0.0
15	-0.0	20.54	37.6	51.66	63.11	72.29	79.48	84.87	88.62	90.83	91.56	90.83	88.62	84.87	79.48	72.29	63.11	51.66	37.6	20.54	-0.0
16	-0.0	18.33	33.3	45.47	55.29	63.11	69.19	73.74	76.89	78.75	79.36	78.75	76.89	73.74	69.19	63.11	55.29	45.47	33.3	18.33	-0.0
17	-0.0	15.48	27.81	37.64	45.47	51.66	56.44	60.0	62.47	63.92	64.39	63.92	62.47	60.0	56.44	51.66	45.47	37.64	27.81	15.48	-0.0
18	-0.0	11.8	20.8	27.81	33.3	37.6	40.91	43.37	45.06	46.05	46.38	46.05	45.06	43.37	40.91	37.6	33.3	27.81	20.8	11.8	-0.0
19	-0.0	6.9	11.8	15.48	18.33	20.54	22.24	23.49	24.35	24.86	25.02	24.86	24.35	23.49	22.24	20.54	18.33	15.48	11.8	6.9	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0


Esperanças dos Tempos
0.25
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0.25
0.25
d = 2
N = 20
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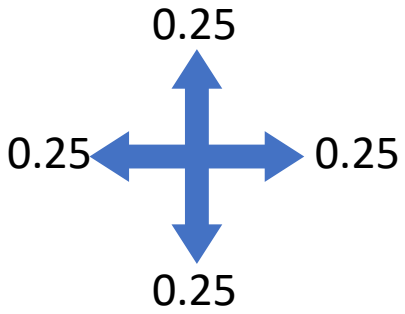
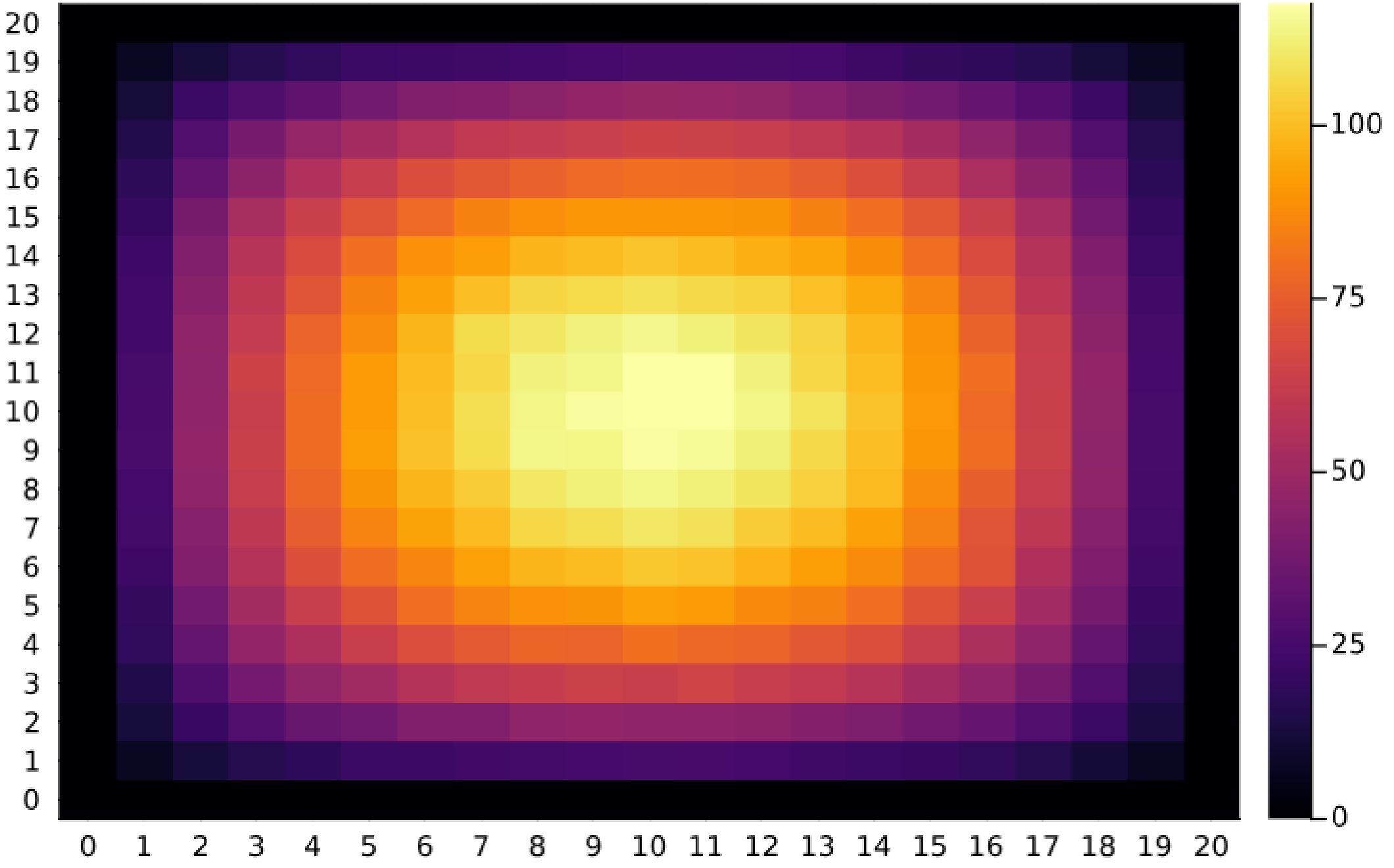
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
0
25
50
75
100

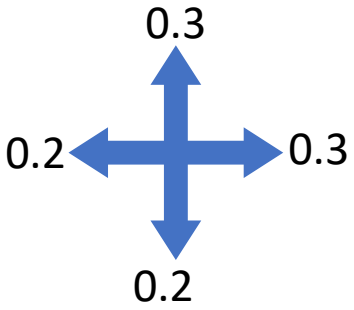
Médias dos Tempos Simulados



d = 2

N = 20

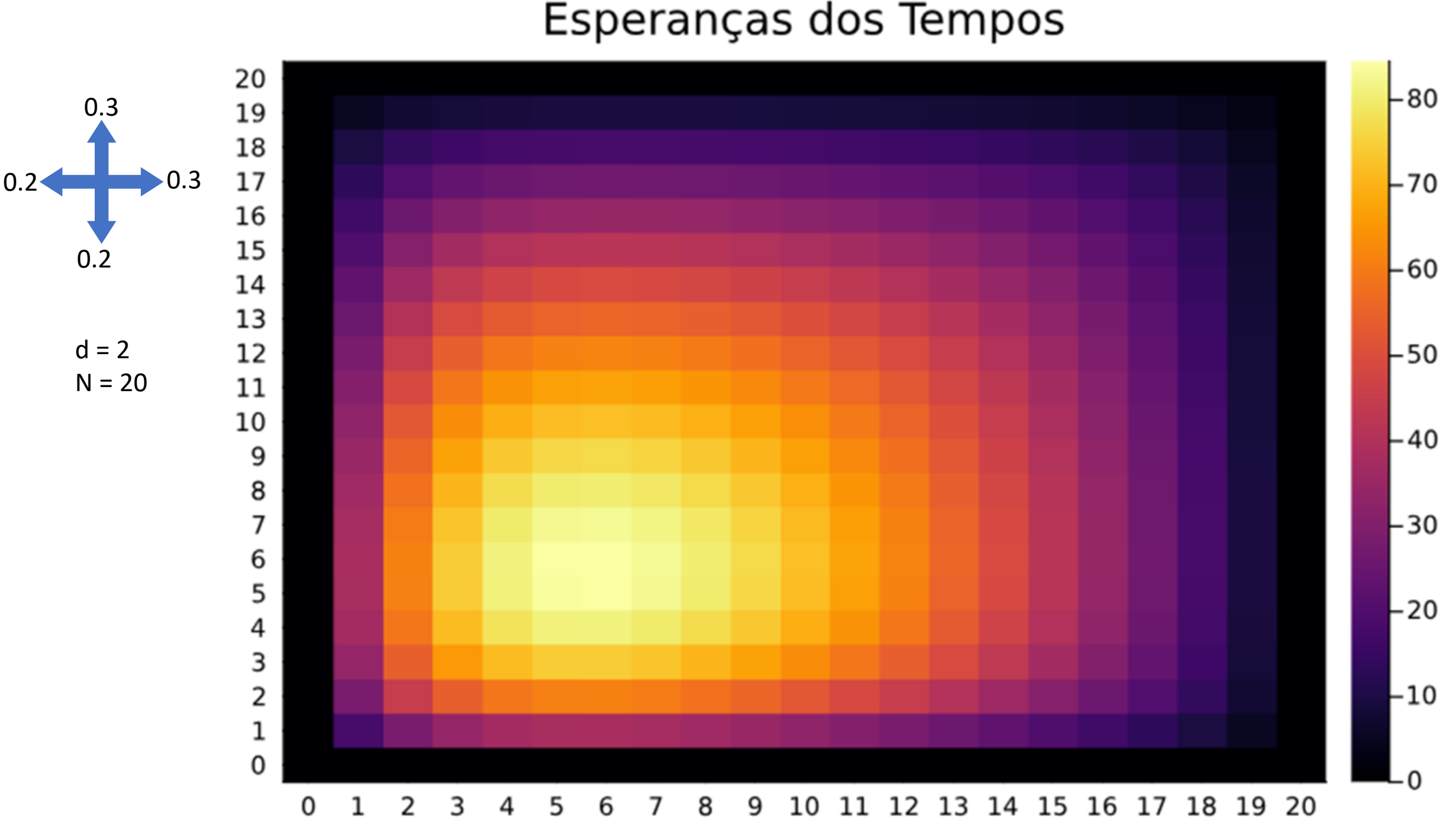




d = 2

N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	5.05	7.29	8.35	8.85	9.07	9.14	9.12	9.05	8.93	8.78	8.58	8.34	8.03	7.66	7.17	6.55	5.72	4.55	2.82	-0.0
2	-0.0	9.3	13.89	16.17	17.28	17.78	17.94	17.9	17.72	17.45	17.08	16.62	16.05	15.35	14.48	13.39	12.0	10.2	7.81	4.55	-0.0
3	-0.0	13.1	19.97	23.52	25.3	26.11	26.36	26.28	25.97	25.5	24.87	24.08	23.11	21.93	20.48	18.7	16.49	13.72	10.2	5.72	-0.0
4	-0.0	16.58	25.62	30.44	32.9	34.03	34.37	34.23	33.76	33.04	32.1	30.92	29.5	27.78	25.71	23.21	20.18	16.49	12.0	6.55	-0.0
5	-0.0	19.81	30.9	36.95	40.08	41.52	41.93	41.71	41.05	40.05	38.75	37.15	35.23	32.95	30.24	27.02	23.21	18.7	13.39	7.17	-0.0
6	-0.0	22.82	35.84	43.06	46.83	48.56	49.03	48.71	47.83	46.52	44.83	42.78	40.35	37.48	34.14	30.24	25.71	20.48	14.48	7.66	-0.0
7	-0.0	25.63	40.46	48.77	53.15	55.14	55.65	55.2	54.07	52.43	50.35	47.83	44.87	41.44	37.48	32.95	27.78	21.93	15.35	8.03	-0.0
8	-0.0	28.24	44.74	54.07	59.0	61.23	61.76	61.16	59.78	57.8	55.3	52.32	48.85	44.87	40.35	35.23	29.5	23.11	16.05	8.34	-0.0
9	-0.0	30.64	48.69	58.95	64.39	66.82	67.34	66.58	64.94	62.61	59.71	56.28	52.32	47.83	42.78	37.15	30.92	24.08	16.62	8.58	-0.0
10	-0.0	32.82	52.26	63.36	69.25	71.85	72.35	71.43	69.53	66.86	63.57	59.71	55.3	50.35	44.83	38.75	32.1	24.87	17.08	8.78	-0.0
11	-0.0	34.74	55.42	67.26	73.53	76.27	76.73	75.65	73.49	70.52	66.86	62.61	57.8	52.43	46.52	40.05	33.04	25.5	17.45	8.93	-0.0
12	-0.0	36.36	58.07	70.52	77.11	79.96	80.36	79.13	76.75	73.49	69.53	64.94	59.78	54.07	47.83	41.05	33.76	25.97	17.72	9.05	-0.0
13	-0.0	37.59	60.07	72.99	79.81	82.72	83.07	81.71	79.13	75.65	71.43	66.58	61.16	55.2	48.71	41.71	34.23	26.28	17.9	9.12	-0.0
14	-0.0	38.28	61.2	74.37	81.3	84.23	84.54	83.07	80.36	76.73	72.35	67.34	61.76	55.65	49.03	41.93	34.37	26.36	17.94	9.14	-0.0
15	-0.0	38.2	61.07	74.19	81.09	83.97	84.23	82.72	79.96	76.27	71.85	66.82	61.23	55.14	48.56	41.52	34.03	26.11	17.78	9.07	-0.0
16	-0.0	36.98	59.07	71.72	78.34	81.09	81.3	79.81	77.11	73.53	69.25	64.39	59.0	53.15	46.83	40.08	32.9	25.3	17.28	8.85	-0.0
17	-0.0	34.0	54.2	65.71	71.72	74.19	74.37	72.99	70.52	67.26	63.36	58.95	54.07	48.77	43.06	36.95	30.44	23.52	16.17	8.35	-0.0
18	-0.0	28.23	44.81	54.2	59.07	61.07	61.2	60.07	58.07	55.42	52.26	48.69	44.74	40.46	35.84	30.9	25.62	19.97	13.89	7.29	-0.0
19	-0.0	17.94	28.23	34.0	36.98	38.2	38.28	37.59	36.36	34.74	32.82	30.64	28.24	25.63	22.82	19.81	16.58	13.1	9.3	5.05	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0


Esperanças dos Tempos
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0.3
0.2
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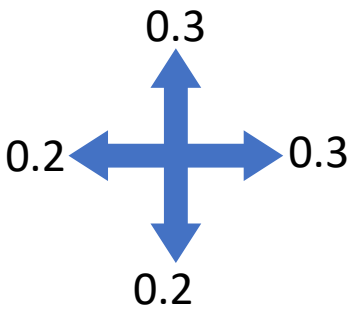
0 10 20 30 40 50 60 70 80

Médias dos Tempos Simulados



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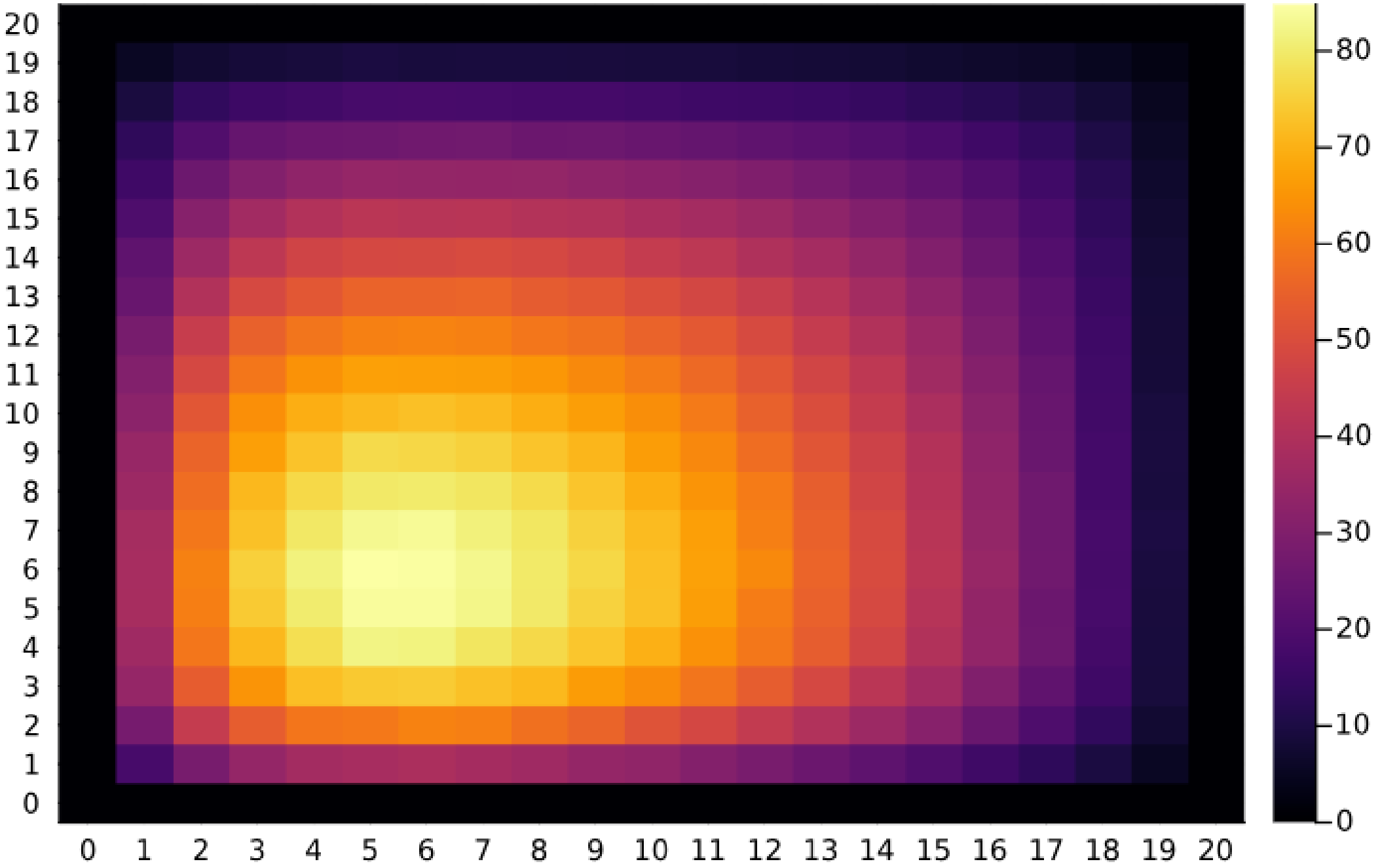
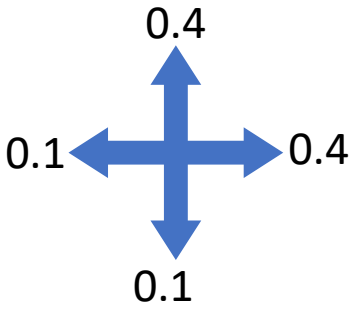
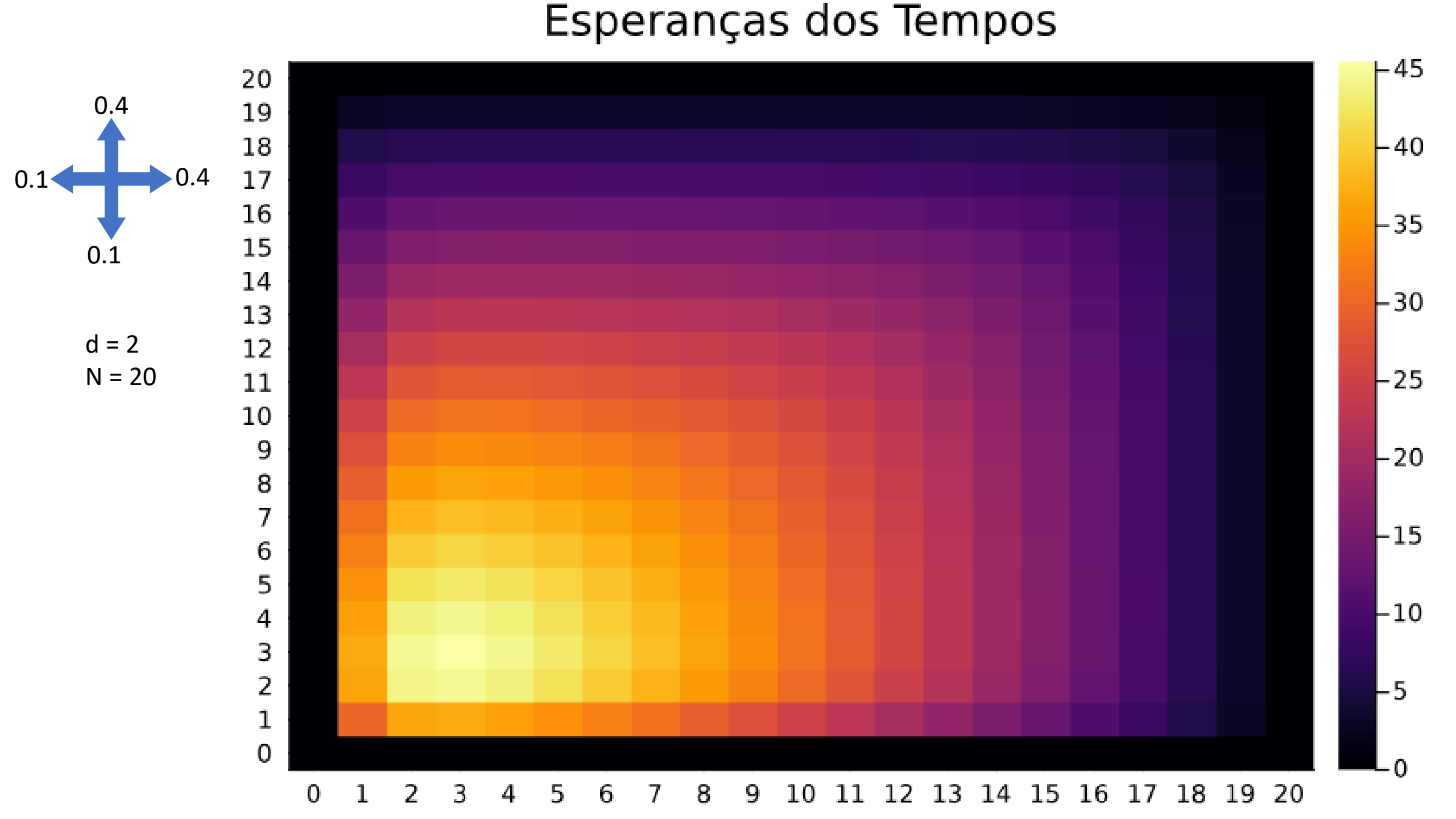




d = 2

N = 20

i \ j	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	-0.0	-0.0	-0.0	-0.0	-0.0
1	-0.0	2.86	3.26	3.32	3.33	3.33	3.32	3.32	3.31	3.31	3.29	3.28	3.25	3.21	3.15	3.05	2.9	2.64	2.21	1.44	-0.0
2	-0.0	5.55	6.47	6.62	6.64	6.64	6.63	6.62	6.6	6.57	6.53	6.47	6.38	6.25	6.06	5.78	5.35	4.7	3.71	2.21	-0.0
3	-0.0	8.15	9.65	9.91	9.94	9.94	9.91	9.88	9.83	9.76	9.67	9.53	9.34	9.06	8.67	8.11	7.33	6.23	4.7	2.64	-0.0
4	-0.0	10.69	12.78	13.17	13.22	13.19	13.15	13.08	12.98	12.84	12.66	12.41	12.06	11.58	10.93	10.05	8.87	7.33	5.35	2.9	-0.0
5	-0.0	13.2	15.88	16.39	16.45	16.4	16.31	16.18	16.01	15.78	15.47	15.06	14.51	13.78	12.83	11.6	10.05	8.11	5.78	3.05	-0.0
6	-0.0	15.66	18.94	19.56	19.62	19.53	19.38	19.17	18.9	18.54	18.07	17.45	16.67	15.66	14.4	12.83	10.93	8.67	6.06	3.15	-0.0
7	-0.0	18.09	21.94	22.67	22.7	22.56	22.32	22.01	21.6	21.08	20.42	19.58	18.53	17.23	15.66	13.78	11.58	9.06	6.25	3.21	-0.0
8	-0.0	20.46	24.87	25.69	25.69	25.46	25.12	24.67	24.1	23.39	22.51	21.43	20.11	18.53	16.67	14.51	12.06	9.34	6.38	3.25	-0.0
9	-0.0	22.77	27.71	28.61	28.55	28.21	27.74	27.13	26.38	25.47	24.35	23.01	21.43	19.58	17.45	15.06	12.41	9.53	6.47	3.28	-0.0
10	-0.0	25.0	30.45	31.39	31.26	30.8	30.17	29.39	28.44	27.29	25.94	24.35	22.51	20.42	18.07	15.47	12.66	9.67	6.53	3.29	-0.0
11	-0.0	27.14	33.06	34.04	33.8	33.2	32.4	31.42	30.26	28.89	27.29	25.47	23.39	21.08	18.54	15.78	12.84	9.76	6.57	3.31	-0.0
12	-0.0	29.18	35.54	36.52	36.17	35.4	34.41	33.23	31.85	30.26	28.44	26.38	24.1	21.6	18.9	16.01	12.98	9.83	6.6	3.31	-0.0
13	-0.0	31.1	37.86	38.82	38.34	37.4	36.22	34.83	33.23	31.42	29.39	27.13	24.67	22.01	19.17	16.18	13.08	9.88	6.62	3.32	-0.0
14	-0.0	32.9	40.01	40.94	40.32	39.2	37.81	36.22	34.41	32.4	30.17	27.74	25.12	22.32	19.38	16.31	13.15	9.91	6.63	3.32	-0.0
15	-0.0	34.54	41.96	42.85	42.08	40.77	39.2	37.4	35.4	33.2	30.8	28.21	25.46	22.56	19.53	16.4	13.19	9.94	6.64	3.33	-0.0
16	-0.0	35.97	43.65	44.48	43.56	42.08	40.32	38.34	36.17	33.8	31.26	28.55	25.69	22.7	19.62	16.45	13.22	9.94	6.64	3.33	-0.0
17	-0.0	36.95	44.79	45.54	44.48	42.85	40.94	38.82	36.52	34.04	31.39	28.61	25.69	22.67	19.56	16.39	13.17	9.91	6.62	3.32	-0.0
18	-0.0	36.44	44.12	44.79	43.65	41.96	40.01	37.86	35.54	33.06	30.45	27.71	24.87	21.94	18.94	15.88	12.78	9.65	6.47	3.26	-0.0
19	-0.0	30.15	36.44	36.95	35.97	34.54	32.9	31.1	29.18	27.14	25.0	22.77	20.46	18.09	15.66	13.2	10.69	8.15	5.55	2.86	-0.0
20	-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	-0.0	-0.0	-0.0	-0.0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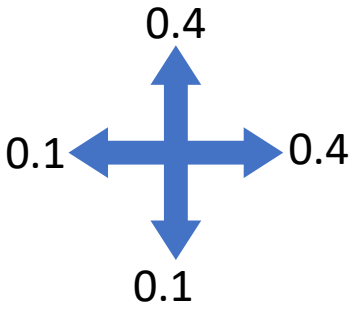
Médias dos Tempos Simulados



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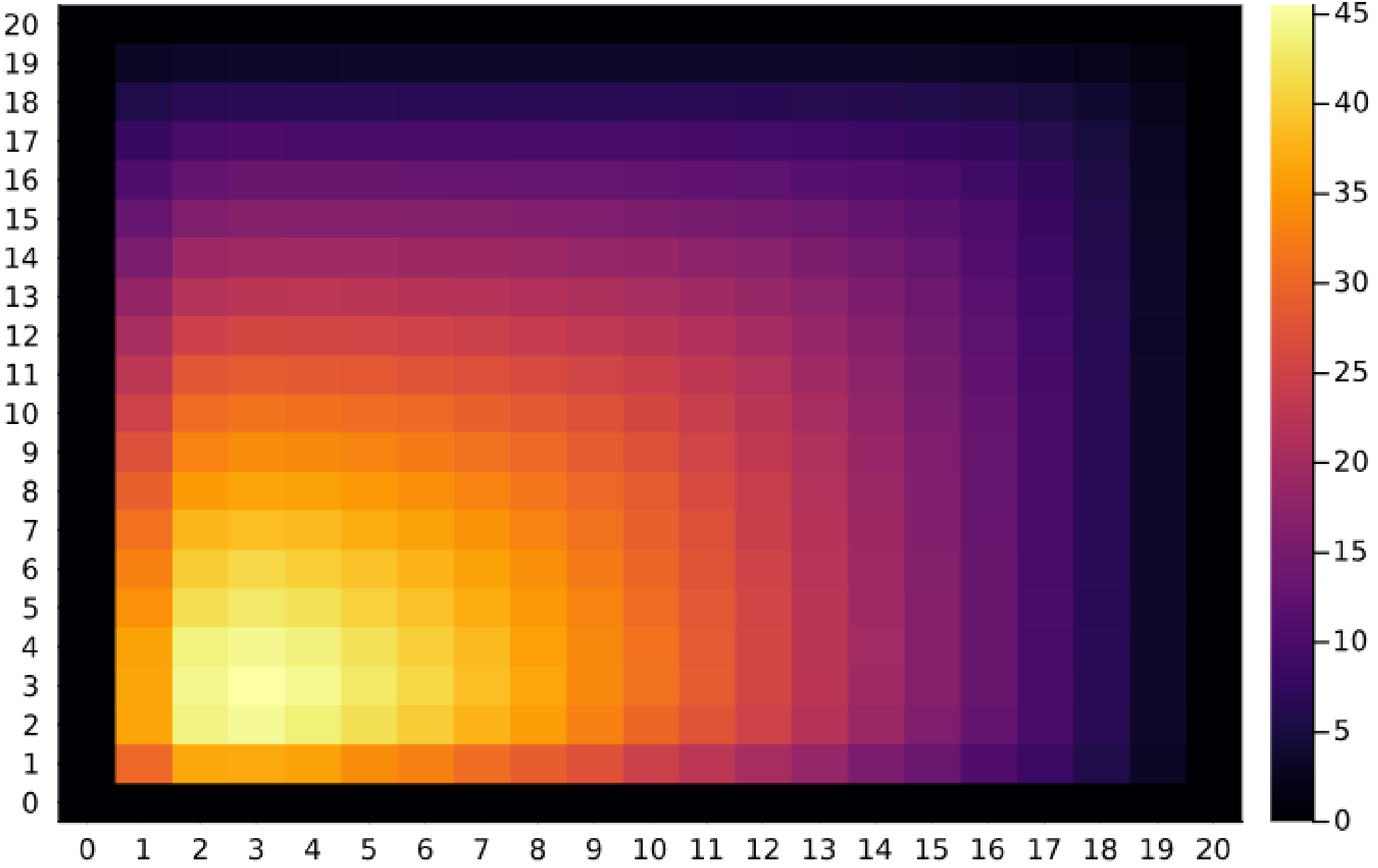
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