

## Tables

**Table A1.** Statistical data on patients' *heart rate*

<b>Parameters</b>	<b>neg</b>	<b>pos</b>	<b>lethal</b>
Mean	81.3	86.1	91.7
Standard deviation	8.2	14.5	20.3
95% CI	81-82	81-91	80-103
Interquartile range	76-83	78-91	76-109
Range	68-144	60-140	60-130
<i>n</i>	592	40	15

**Table A2.** Statistical data on patients' *systolic blood pressure*

<b>Parameters</b>	<b>neg</b>	<b>pos</b>	<b>lethal</b>
Mean	112.6	121	115.7
Standard deviation	11.4	17.8	30.6
95% CI	111.6-113	115-127	98-133
Interquartile range	110-120	110-126	95-140
Range	60-170	90-200	30-150
<i>N</i>	592	40	15

**Table A3.** Statistical data on patients' *diastolic blood pressure*

<b>Parameters</b>	<b>neg</b>	<b>pos</b>	<b>lethal</b>
Mean	74	78.5	73.7
Standard deviation	7.7	8.3	13.4
95% CI	73-74.6	75.8-81	65.7-81.7
Interquartile range	70-80	70-81	60-83.8
Range	50-100	60-100	50-90
<i>n</i>	591	40	14

**Table A4.** Statistical data on patients' *SpO<sub>2</sub>*

<b>Parameters</b>	<b>neg</b>	<b>pos</b>	<b>lethal</b>
Mean	97.3	91.1	80
Standard deviation	1.8	11.6	16.2
95% CI	97-97.4	87-95	69.9-90
Interquartile range	97-98	91-96	80-91
Range	91-100	34-99	38-96
<i>n</i>	461	35	13

**Table A5.** Statistical data on patients' *breath rate*

<b>Parameters</b>	<b>neg</b>	<b>pos</b>	<b>lethal</b>
Mean	20	22.3	25.3
Standard deviation	3.4	2.3	8.0
95% CI	19.7-20.3	21.5-23	20.7-30.0
Interquartile range	18-22	21.5-24	20-26
Range	14-28	17-30	18-48
<i>n</i>	566	39	15

**Table A6.** Statistical data on patients' *body temperature*

<b>Parameters</b>	<b>neg</b>	<b>pos</b>	<b>lethal</b>
Mean	36.6	36.9	37.5
Standard deviation	0.3	0.56	1.1
95% CI	36.55-36.6	36.7-37.1	36.87-38.1
Interquartile range	36.5-36.6	36.6-36.9	36.6-38.3
Range	36-38.8	36.1-38.5	36.4-39.4
<i>n</i>	592	40	15

**Table A7.** Statistical data on patients' *age*

<b>Parameters</b>	<b>neg</b>	<b>pos</b>	<b>lethal</b>
Mean	35.7	54.5	55.7
Standard deviation	14.8	13.3	16.1
95% CI	34.5-36.9	50.2-58.8	46.5-65
Interquartile range	25-46	45-62	39.5-71
Range	0.2-85	33-83	29-76
<i>n</i>	592	40	15

**Table A8.** Categorical data statistics of the patients

<b>Predictor</b>	<b>Category</b>	<b>neg</b>	<b>pos</b>	<b>lethal</b>
Sex	Female	56.1%	37.5%	33.3%
	Male	43.9%	62.5%	66.7%
X-ray	No pathology	97.8%	60%	13.3%
Comorbidities	Cardiac ischemia	0.8%	10%	46.7%
	Hypertonic disease	0.7%	2.5%	33.3%
	Diabetes	0.3%	10%	20%
	COPD	1.9%	5%	6.7%
	Others	2.5%	10%	66.7%
Complications	Pneumonia	1.4%	32.5%	40%
	Acute cardiovascular failure	0%	0%	46.7%
	Others	0%	5%	66.7%

**Table A9.** Treatment prescribed to the patients

<b>Medicine</b>	<b>neg</b>	<b>pos</b>	<b>lethal</b>
Azithromycin	58.8%	67.5%	80%
Paracetamol	54%	50%	100%
Cephalosporins	13.2%	30%	93.3%
Fluoroquinolones	2.4%	17.5%	73.3%
Carbapenems	0%	7.5%	40%
Other types of antibiotics	0.3%	2.5%	33.3%
Antifungal medication	8.1%	7.5%	33.3%
Anticoagulants	0.5%	17.5%	80%
Dexamethasone	1.7%	20%	73.3%

**Table A10.** Data on all the false negative patients from the validation and the test sets

	P1	P2	P3	P4	P5
Age	37	45	<b>50</b>	48	46
Sex	M	M	M	F	M
Systolic blood pressure	100	120	100	<b>135</b>	110
Diastolic blood pressure	70	80	70	<b>85</b>	70
Heart rate	76	80	78	76	82
Breath rate	<b>22</b>	20	20	<b>22</b>	18
SpO2	96	98	96	<b>91</b>	<b>90</b>
Body temperature	36.6	36.7	36.6	36.5	36.6
Comorbidities	no	no	no	no	no
X-ray signs of pneumonia	no	no	no	no	no

The pdf threshold for the optimal model is -4.8695