

# K-nn

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2/25/2021

O conjunto de treino e teste foi dividido seguindo o 5-fold cross-validation e o tempo de execução foi medido em segundos

Primeira Base de dados (mostrando o “head” da base):

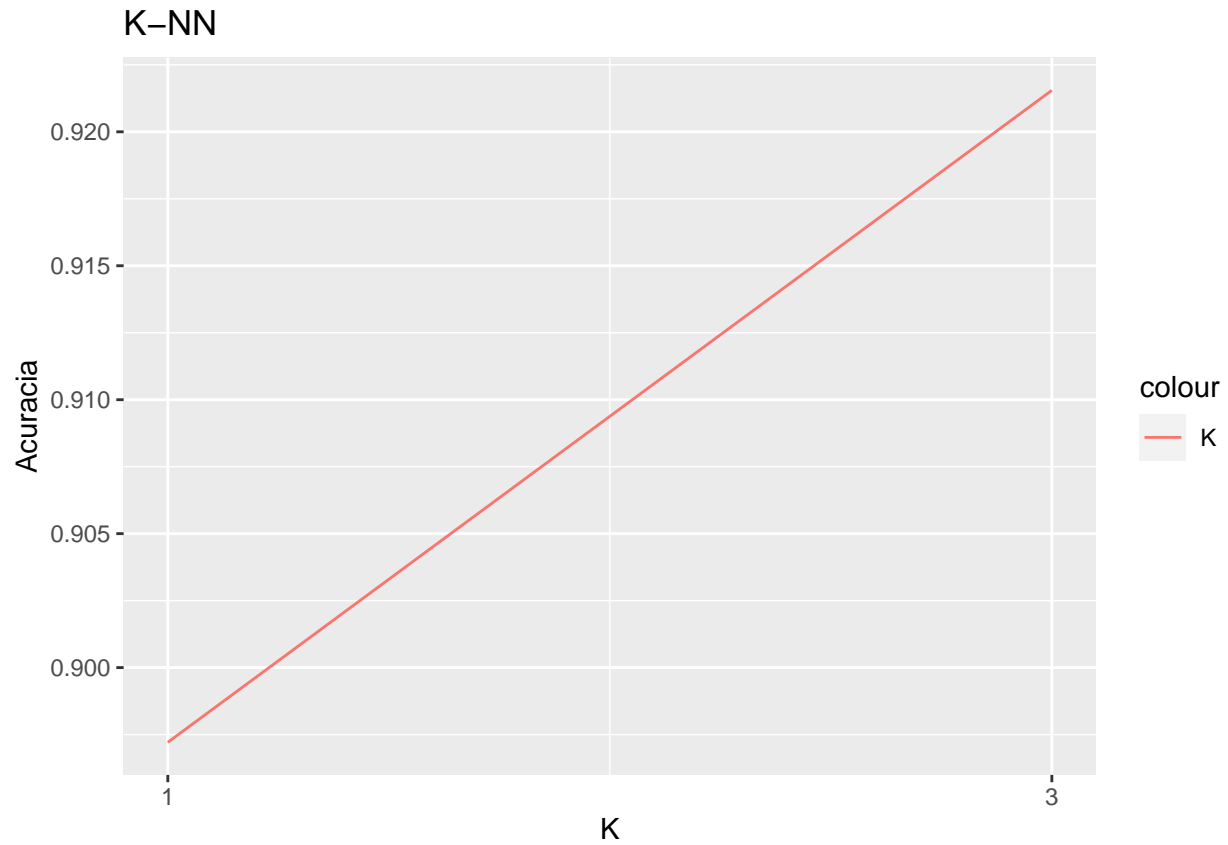
loc	v(g)	ev(g)	iv(G)	N	V	L	D	I	E	B
1.1	1.4	1.4	1.4	1.3	1.30	1.30	1.30	1.30	1.30	1.30
1.0	1.0	1.0	1.0	1.0	1.00	1.00	1.00	1.00	1.00	1.00
91.0	9.0	3.0	2.0	318.0	2089.21	0.04	27.68	75.47	57833.24	0.70
109.0	21.0	5.0	18.0	381.0	2547.56	0.04	28.37	89.79	72282.68	0.85
505.0	106.0	41.0	82.0	2339.0	20696.93	0.01	75.93	272.58	1571506.88	6.90
107.0	25.0	7.0	14.0	619.0	4282.78	0.02	52.91	80.95	226588.75	1.43

B	T	lOCode	lOComment	locCodeAndComment
1.30	1.30	2	2	2
1.00	1.00	1	1	1
0.70	3212.96	80	44	11
0.85	4015.70	97	41	12
6.90	87305.94	457	71	48
1.43	12588.26	103	32	4

lOBlank	uniq_Op	uniq_Opnd	total_Op	total_Opnd	branchCount	defects
2	1.2	1.2	1.2	1.2	1.4	FALSE
1	1.0	1.0	1.0	1.0	1.0	TRUE
31	29.0	66.0	192.0	126.0	17.0	TRUE
24	28.0	75.0	229.0	152.0	38.0	TRUE
49	64.0	397.0	1397.0	942.0	178.0	TRUE
39	35.0	86.0	359.0	260.0	40.0	TRUE

K-NN:

K	Acuracia	Tempo	Razao
1	0.8972117	735.59	0.0012197
3	0.9215482	736.88	0.0012506



Segunda Base de dados (mostrando o “head” da base):

LOC6_0	LOC6_1	Added_LoC	Del_LoC	Diff_Block	Mod_Rate	Mod_Know	ReusedLoC	Faulty6_1
127	126	6	7	2	10	1	120	0
458	441	50	67	17	23	1	391	0
182	178	10	14	3	13	1	168	0
270	270	14	14	3	10	1	256	0
107	104	11	14	4	21	1	93	0
892	869	40	63	16	11	1	829	0

K-NN:

K	Acuracia	Tempo	Razao
1	0.8461538	5.53	0.1530115
3	0.9076923	5.61	0.1617990

