Solutions to Sheet 1

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April 22, 2020

Exercise 1

Norm	Euclidian		Manhattan	
k	2	3	2	3
4,3,3	1	1	1	1
4,-1,1	tie	-1	tie	1
-2,4,5	-1	-1	tie	1
-2,-6,1	tie	1	tie	1
6,0,2	tie	1	-1	-1

Exercise2
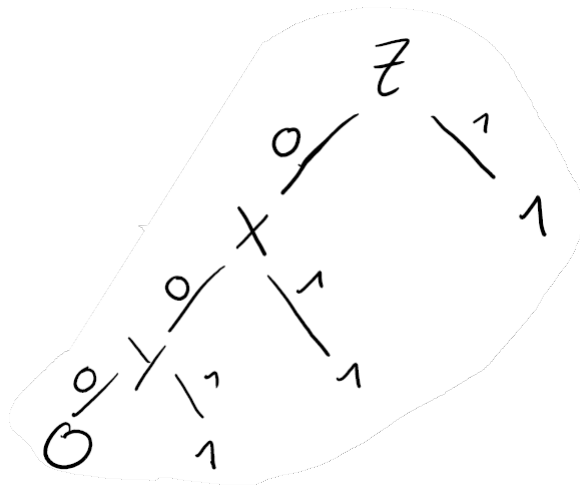
The first split is done using z, because this is the only variable for wich the result stays the same for a value of the variable. The other two splits could be swapped because the influence on the result is the same for both variables.

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