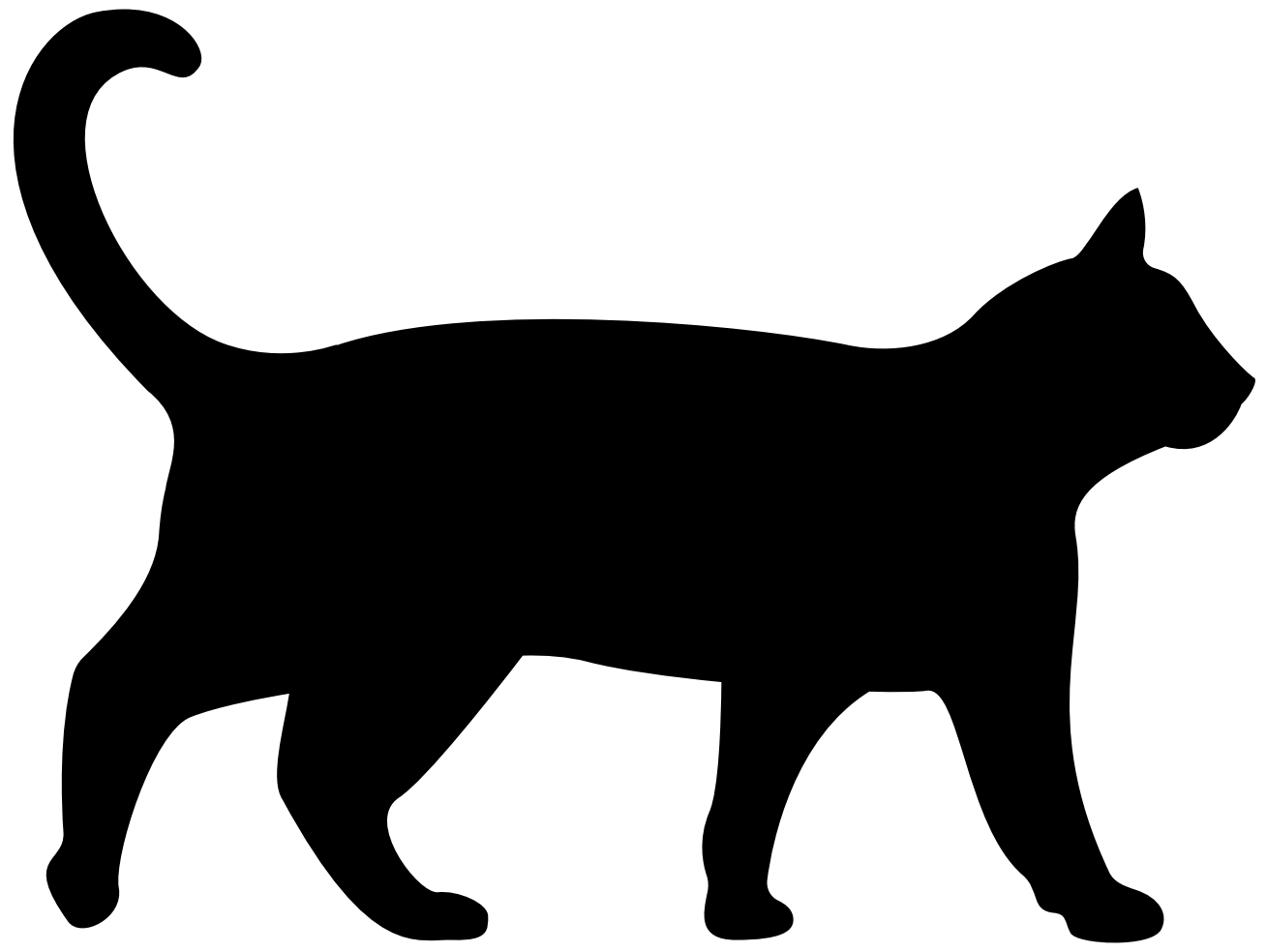
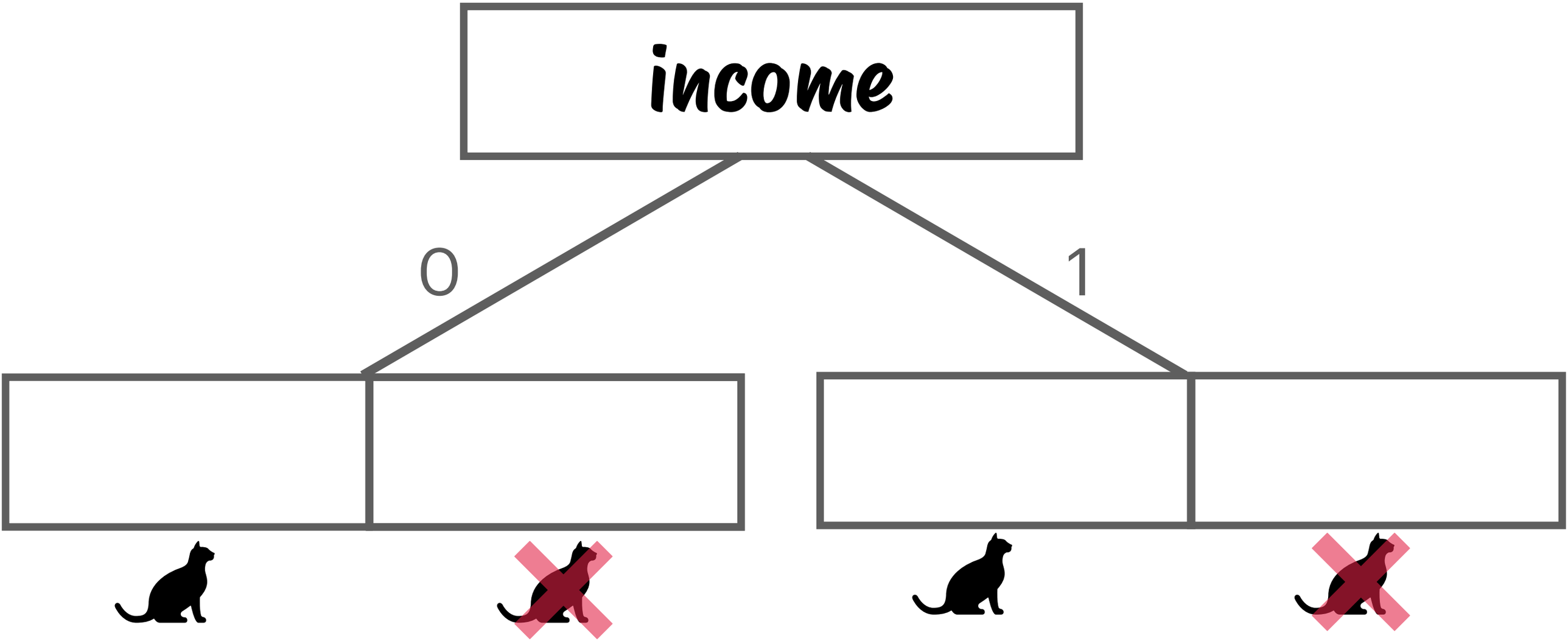
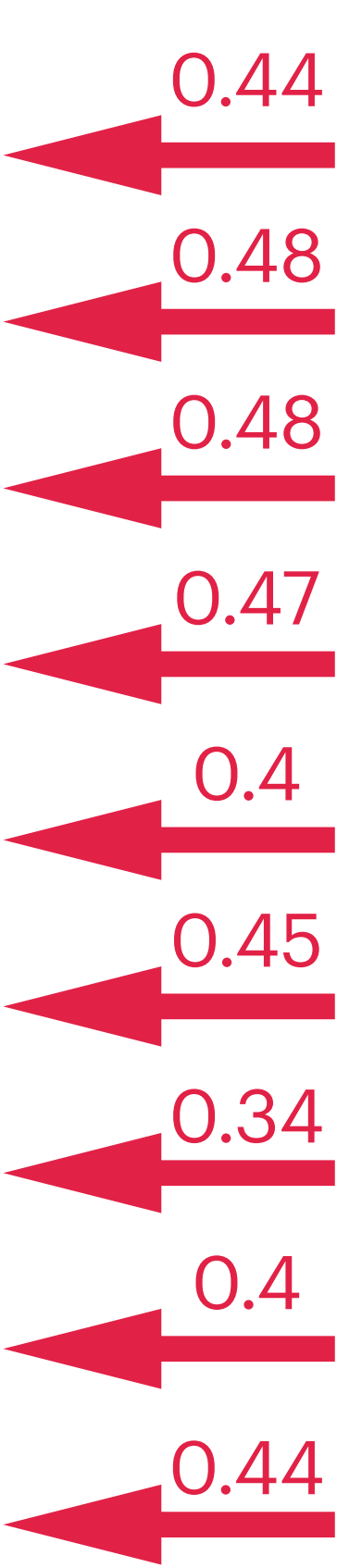
Example




income
0
1


0.44
0.48
0.48
0.47
0.4
0.45
0.34
0.4
0.44

cats	house	ho	children	income
1	0	1	1	34
0	1	0	1	58.3
1	1	1	0	71.5
0	0	0	1	74.9
0	0	0	1	75.3
1	0	0	1	75.6
0	0	0	1	81
1	1	1	0	82.3
1	1	1	0	85.6
1	1	1	1	95.4

$$GI = 1 - \sum_{i=1}^{n} p_i^2$$

Example

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cats	house	ho	children	income	
1	0	1	1	34	0.44
0	1	0	1	58.3	0.48
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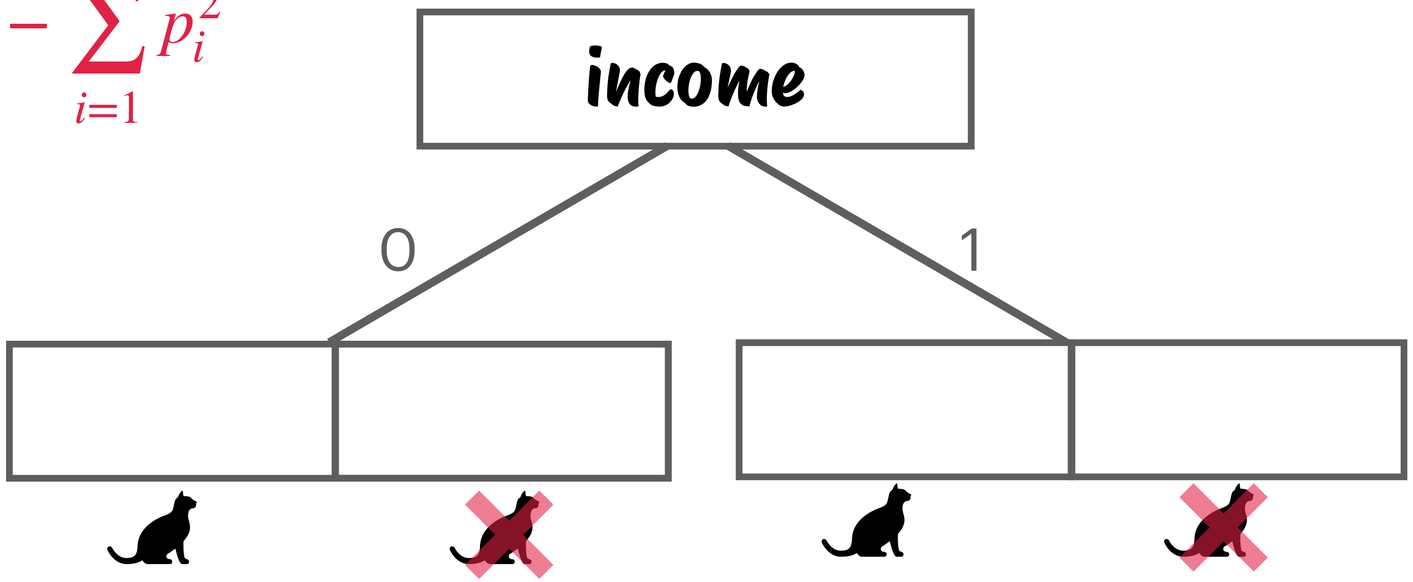
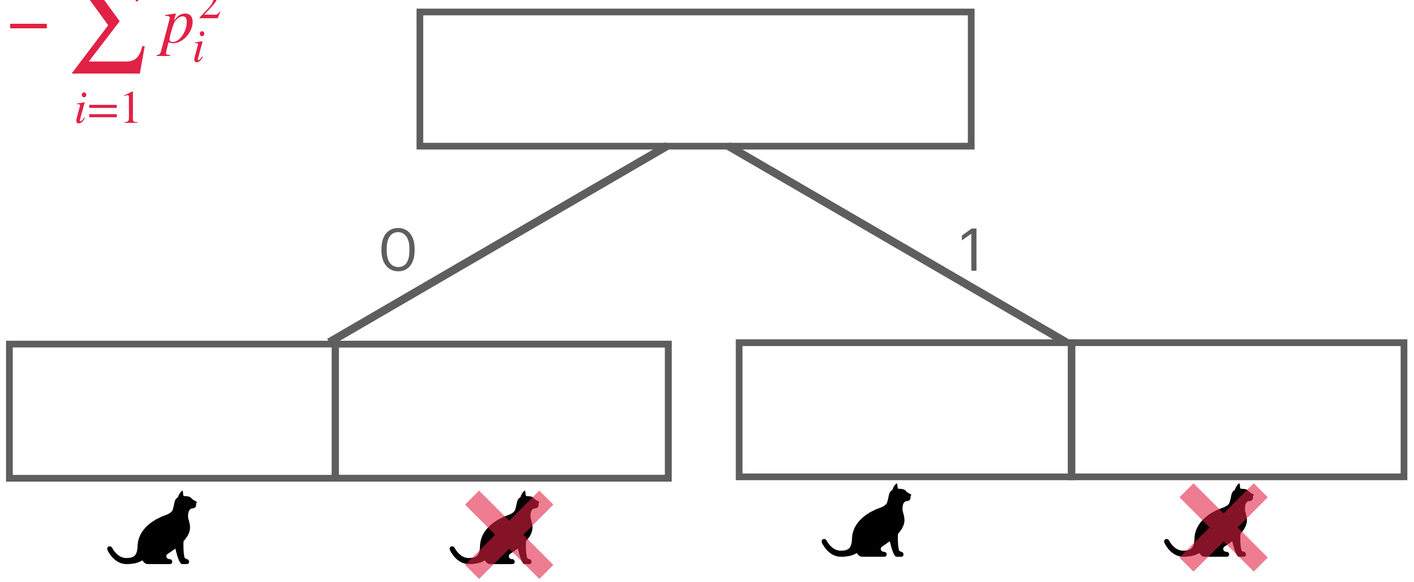
0	0	0	1	74.9	0.47
0	0	0	1	75.3	0.4
1	0	0	1	75.6	0.45
0	0	0	1	81	0.34
1	1	1	0	82.3	0.4
1	1	1	0	85.6	0.44
1	1	1	1	95.4	



Example

0.4 0.16 0.343 0.343

cats	house	ho	children	income
1	0	1	1	34
0	1	0	1	58.3
1	1	1	0	71.5
0	0	0	1	74.9
0	0	0	1	75.3
1	0	0	1	75.6
0	0	0	1	81
1	1	1	0	82.3
1	1	1	0	85.6
1	1	1	1	95.4

$$GI = 1 - \sum_{i=1}^{n} p_i^2$$