

update for latex

Tania Kapoor

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To: Benyamin Ghogh <bgghojogh@uwaterloo.ca>;

1 attachments (3 MB)

Report-20180714T163342Z-001(1).zip;

Hi Benyamin,

I have attached the latex report after updates in Markov. The changes are only in tex file and reference.bib. Please let me know if you can change that on drive. I do not want any discrepancies that's why.

Moreover, I am now left with implementation of the feature selection methods with breast cancer dataset. They are taking really long time for getting the results.

Regarding the confusion in the contingency table of the chi-square method. If you go through the links given below, it means that contingency table can be drawn for more than 2 target values. The value of the chi-square at the end is the summation of all the chi-square values calculated from the pair of an attribute and target value.

<https://www.youtube.com/watch?v=xEiQn6sGM20>

<http://www.statisticshowto.com/what-is-a-contingency-table/>

		Cases	Controls
I C E C R E A M	E X P O S E D (ate)	13 a	32 b
	N O T E X P O S E D (did not eat)	17 c	23 d

Odds Ratio (OR) = $(a/c) / (b/d)$
 $= (13/17) / (32/23)$
 $= 0.55$

Contingency Table: What is it used for?

www.statisticshowto.com

Definition of a contingency table. Examples; how to read a contingency table or two way table. Articles and how to videos; statistics made simple.

		Self Esteem				Self Esteem			
		High	High	Medium	Low	Low	High	Medium	Low
Academic Performance	Observed	21	31	8		12	43	35	
	Expected	12	30	18		18	45	27	
	(Difference) ²	81	1	100		36	4	64	
	Expected	12	30	18		18	45	27	
		6.75	0.03	5.56		2.00	0.09	2.37	

chi-square = $\chi^2 = 16.8$

How to calculate Chi Square Test for Independence (two way) - YouTube

www.youtube.com

Tutorial on how to calculate two way persons chi-square (test for independence). Chi square analysis is a method to determine if what you expect to get is what...

Regards,
Tania