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			1	I		1						
			Coffee	Coffee								
		Tea	150	50	200							
		Tea	650	150	800							
			800	200	1000							
Association Rule: Tea \rightarrow Coffee												
Confidence= P(Coffee Tea) = 0.75												
	but P(Coffee) = 0.8											
	\Rightarrow Interest = 0.15 / (0.2×0.8) = 0.9375 (< 1, therefore is negatively associated)											
	So, is it enough to use confidence/Interest for pruning?3/8/2021Introduction to Data Mining, 2nd Edition80											





















Symbol	Measure	Inversion	Null Addition	Scaling
ϕ	ϕ -coefficient	Yes	No	No
α	odds ratio	Yes	No	Yes
κ	Cohen's	Yes	No	No
I	Interest	No	No	No
IS	Cosine	No	Yes	No
PS	Piatetsky-Shapiro's	Yes	No	No
S	Collective strength	Yes	No	No
ζ	Jaccard	No	Yes	No
h	All-confidence	No	Yes	No
s	Support	No	No	No









































