Finding Derivations: Surprising

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- A contrast-set for is considered to be **surprising** if the support of the contrast set in each group is different from its specialised nodes

Example

For the contrast set c1: "$Product = burger \wedge Store = Fastfood$"

support($Store = Fastfood$) = 13%

support($Product = burger \wedge Store = Fastfood$) = 12%

$$\text{Subset support ratio} = \frac{12}{13} \approx 0.92$$

Not adding any new information!

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Finding Derivations: Valid

- A contrast-set for is considered to be **valid** if the support is greater than a minimum support threshold (frequency constraints)

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