



« Bayesian Networks:

an alternative method to understand the link between fragrances and emotions »







 On a study on fine fragrances, Sense'n Feel[™] method is used to measure emotions and personality features.
 Traditional statistical analyses give perceptive information on the products.

- Bayesian Networks method is recently used in the sensory domain:
 - What would be the **benefit** of applying Bayesian Networks?
 - Could it be an alternative method to understand the link between fragrances and emotions?



The poster

Case study

- Description of the fieldwork
- Use of Sense'n Feel boards

Method

- Bayesian Networks: principle, use and advantages

Results

- Interpretation of the network
- Drivers of liking





Bayesian Networks: an alternative method to understand the link between fragrances and emotions

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1. Context & Objectives	2. Case study	4. Results
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3. Hethod		5. Conclusions & Perspectives
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- More than being an alternative, Bayesian Networks give complementary results:
 - Link between all variables,
 - Relative importance of the factors on overall liking,
 - Balance of emotions, personality features, sensory items on the overall liking
- Results of influence of emotions and sensory items were not expected:
 - How to explain it?
 - Which Perspectives?





THE SENSOMETRIC SOCIETY

Thank you for your attention!



