





Diese Maßnahme wird mitfinanziert durch Steuermittel auf der Grundlage des vom Sächsischen Landtag beschlossenen Haushaltes.



# GMLVQ for cheese classification A study with holes

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## The Art of cheese

About the what and the why

#### Enter the cheese cellar





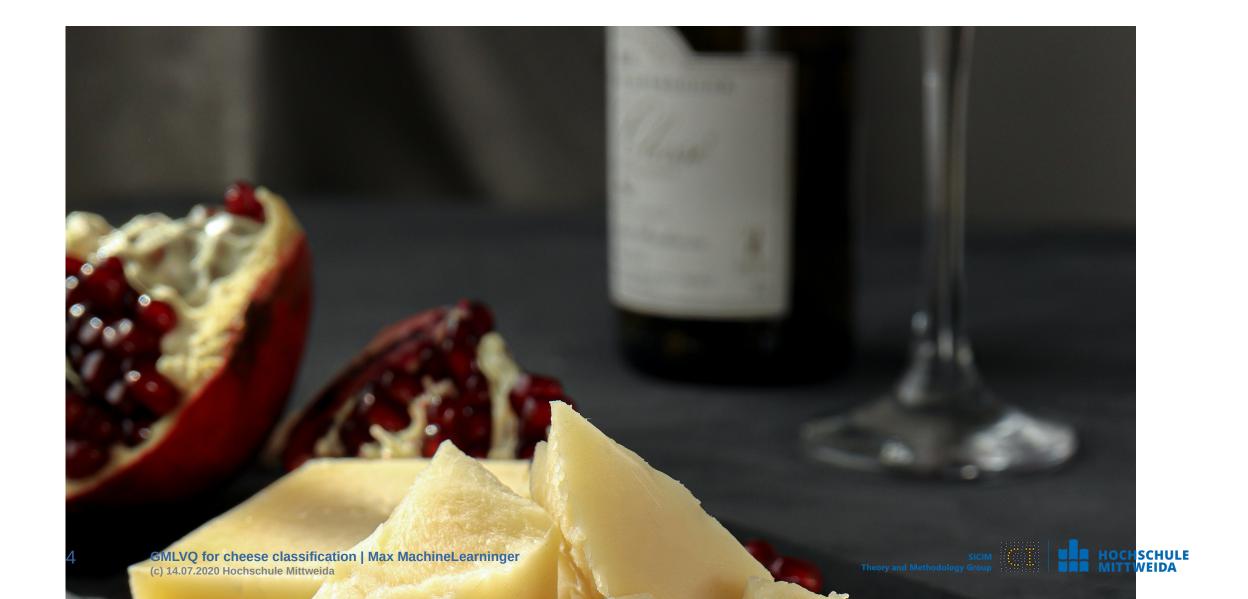
## Cheese: The secret king of the world

- Cheese was created 4,000 years ago and has been going strong ever since.
- It's a myth that mice like cheese. They much prefer peanut butter due to the high moisture content.
- A 'cheesemonger' is someone who sells cheese for a living





### **Uses of Cheese**



#### List of cheeses

- Afrika
- Benin
- Wagasi
- Europe
  - Germany
  - Backstein
  - Handkäse
  - Similar to Harzer
  - Not to confuse with Hartzer



#### **Cheese Formular**

- Features are chosen from cheese research
- **Staps** satisfaction coeficient:  $S_{staps}$
- "Only way to measure the customer experience at a cheese reseller store"

$$S_{staps} = 0.4x_{holes} + x_{yellow} - 0.1x_{hardness}$$

#### with

 $x_{holes}$  ...average hole coverage

 $x_{yellow}$  ...**Snow**'s eat-or-not-to-eat scale

 $x_{hardness}$  ...Like-diamond scheme

## **Cheesy diagrams**

TODO: implement diagram drawing

## Say Cheese!

	Old Model I	Old Model II	Competitor	Our Model
Toy	0,856	0,795	0,884	0,985
Unimportant	0,613	0,600	0,953	0,856
Self created I	0,563	0,765	0,805	0,955
Self created II	0,643	0,531	0,756	0,988
Real problem	0,513	0,533	0,600	0,610

## Thank you!

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