

Education on the Horizon: Teaching and Learning with Technology

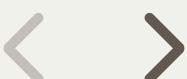
Week 1: Introduction

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Week	Dates	Topic
W01	2023-04-24	Introduction and How to Evaluate ICT for Teaching?
W02	2023-05-08	Multi-Media Learning
W03	2023-06-26	Cloud-Based Learning
W04	2023-06-05	Embodied Learning with XR 1
W05	2023-06-12	Embodied Learning with XR 2
W06	2023-	Gamified Learning 1



First, some house cleaning...

- Course site
- Syllabus
- Optional: join online annotation club

Next, let's get to know each other!

Where have I been?

Ann Arbor



Beijing



Berlin



Beijing, China

Department of Psychology, Beijing Normal University

Ann Arbor, Michigan, USA

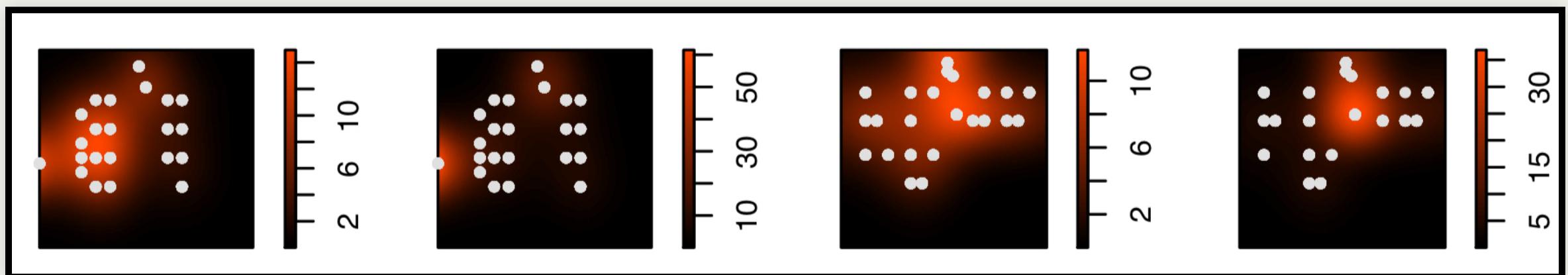
Combined Program in Education and Psychology,
University of Michigan

Potsdam & Kiel, Germany

Department Erziehungswissenschaft, Uni-
Potsdam/Kiel

Inside Academia

Visual cognition and learning/teaching



Inside Academia

Virtual reality and learning / teaching

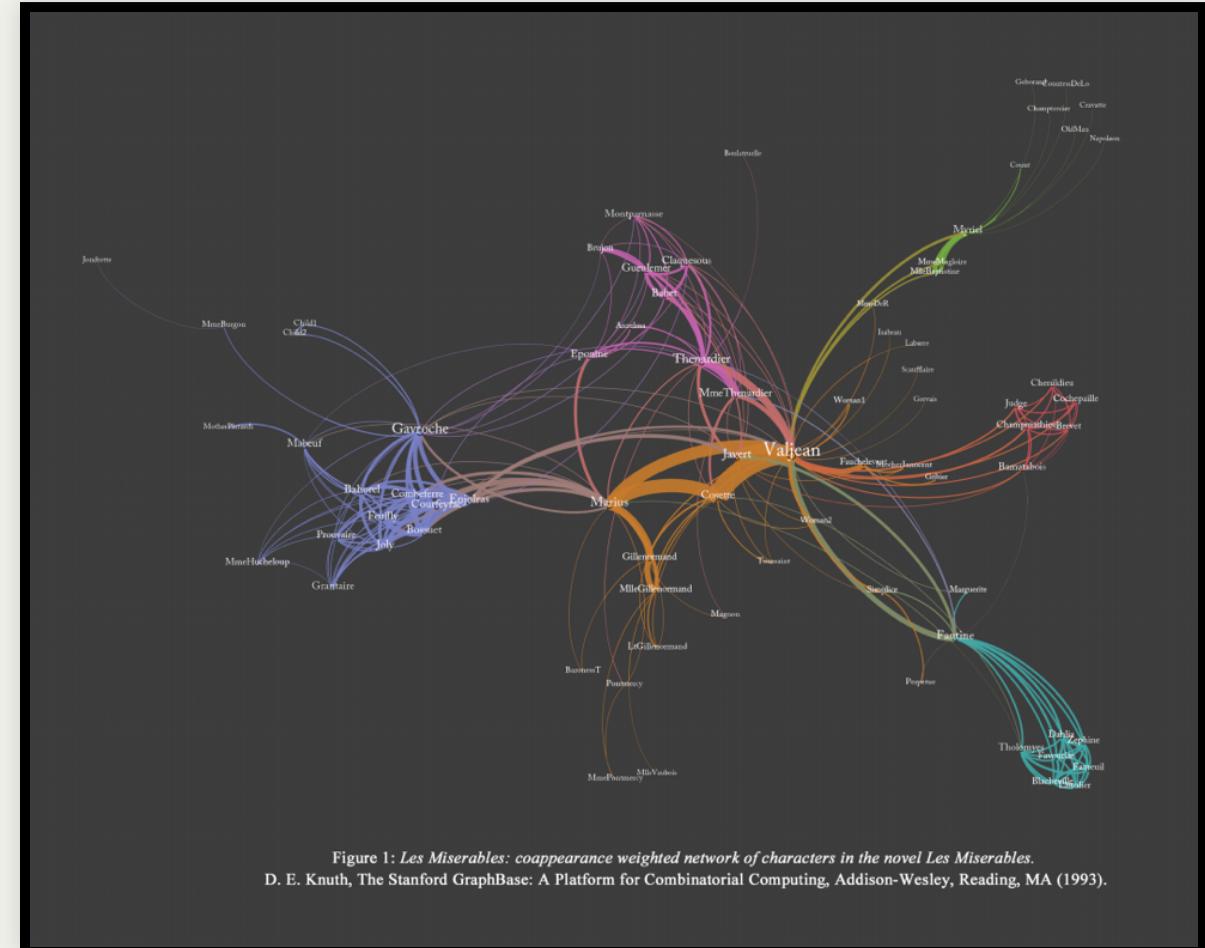


Inside Academia

Data analysis and visualization for learning analytics

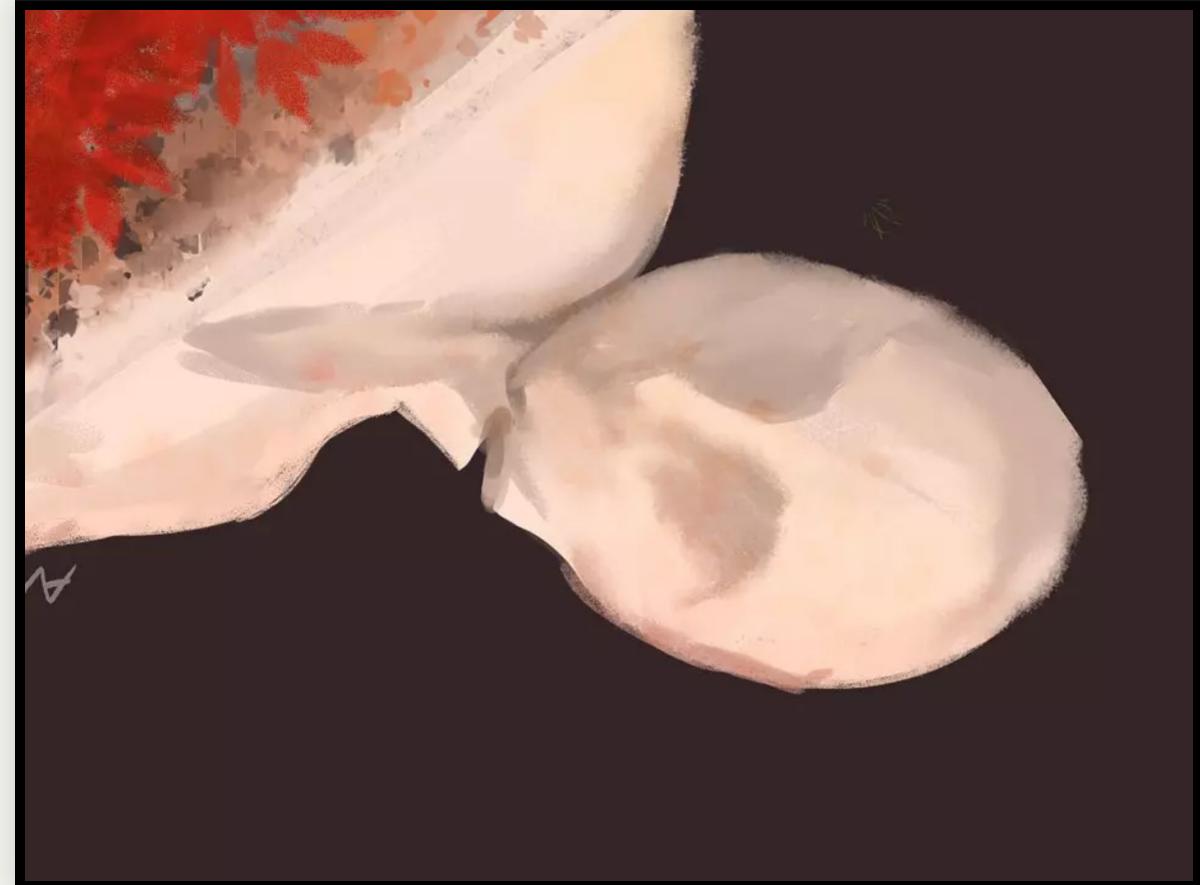


The scatter plot of the three regions (Figure 1) shows that eicosenoic acid appears to be useful for separating the olive oils from southern Italy (darkest blue dots) from the other two regions. Oleic and linoleic acid appear to be important for separating northern Italian (lightest blue dots) and Sardinian oils.

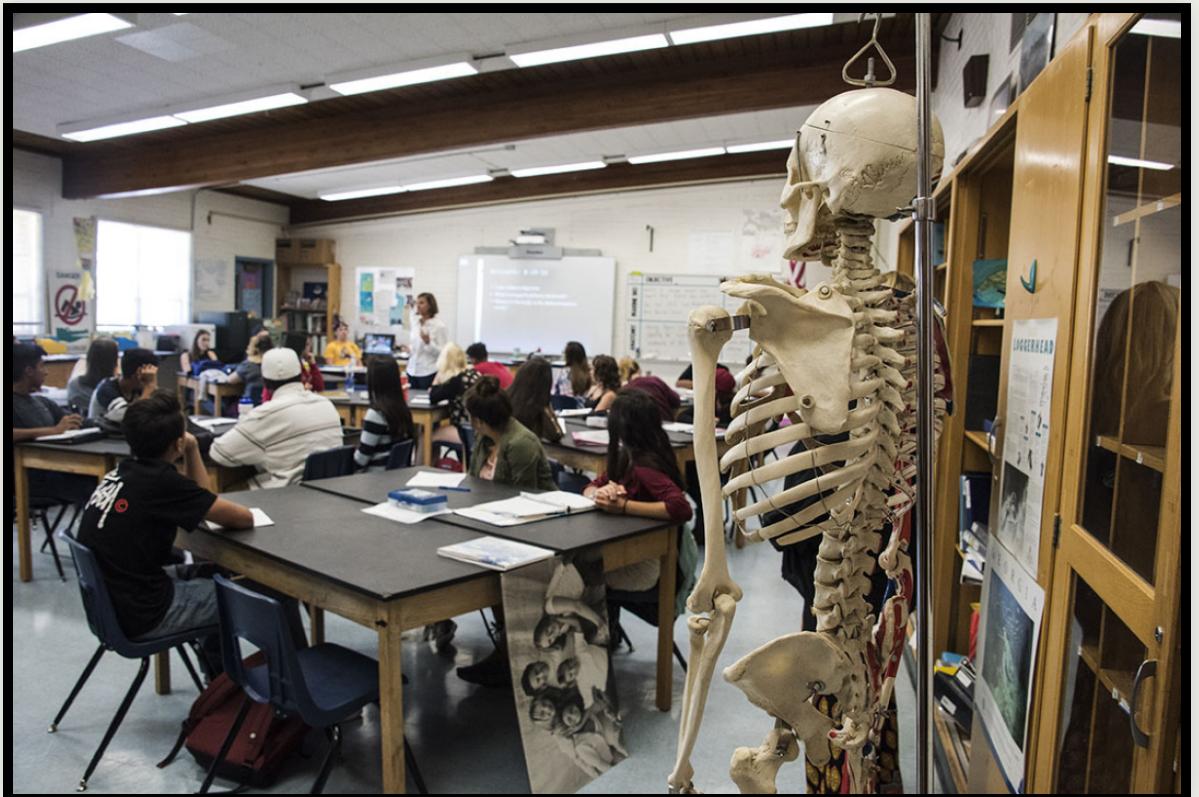
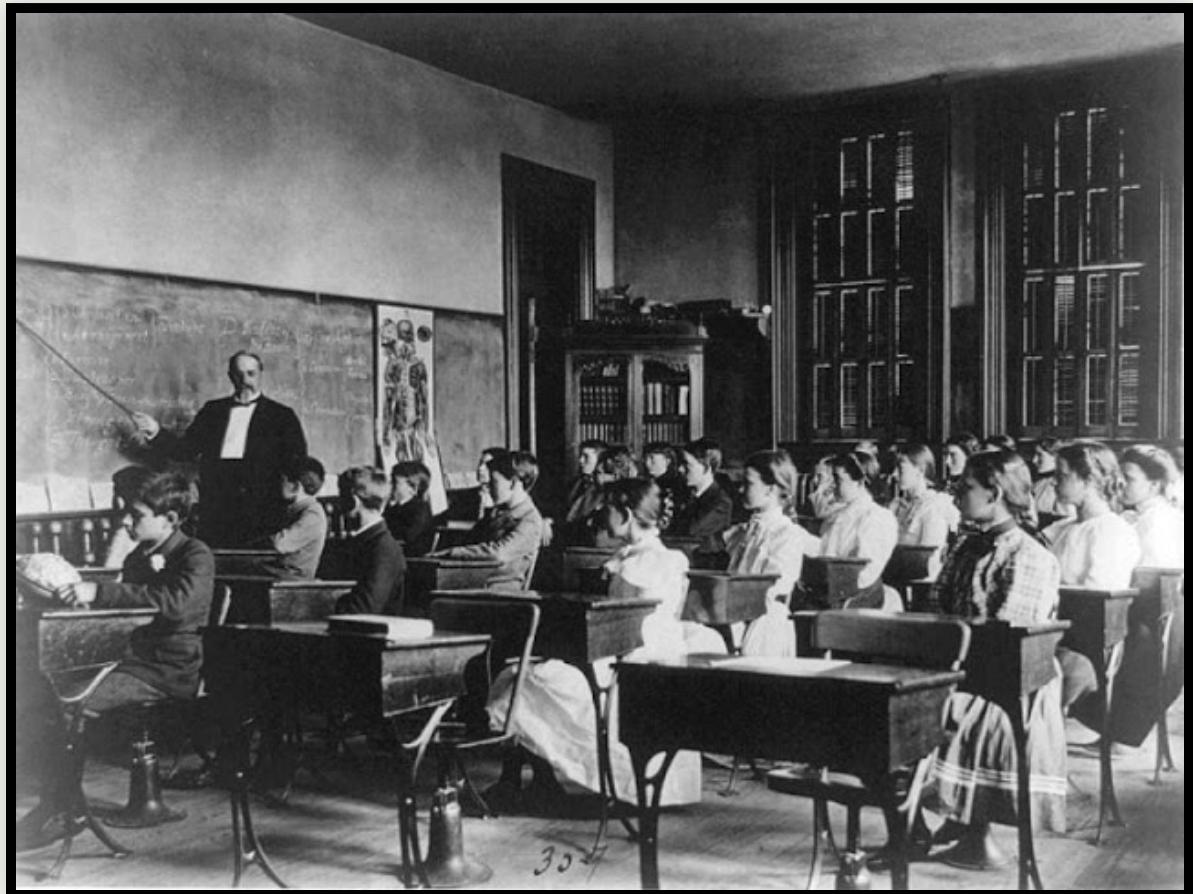


Outside Academia

Freelance illustrator and photographer



Classroom: old and new



Anything changed?

- Classroom in the cloud: Video and discussion forum
- Self-paced, learning by doing: learn to code and learn German
- Learning on social media: Instagram Story

New tech, old idea

flipped classroom

Course Aim

- Knowing how, but more importantly, knowing why
- Use with confidence
- Topics: multi-media learning, game-based learning, embodied learning, personalized and adaptive learning, child development and technology, cloud-based learning

Any questions about this course?



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