

Conversation Opener: Phenomenology of Qualitative Research Practice

Salience Landscapoe

Mediated Artifacts

Sabina: Location ~ Salience

Formalization -> Tracking

Human ~ Non-human

Units of Analysis -> Forms of Organization

Formats

Emergence

Scaffoldings

Elias

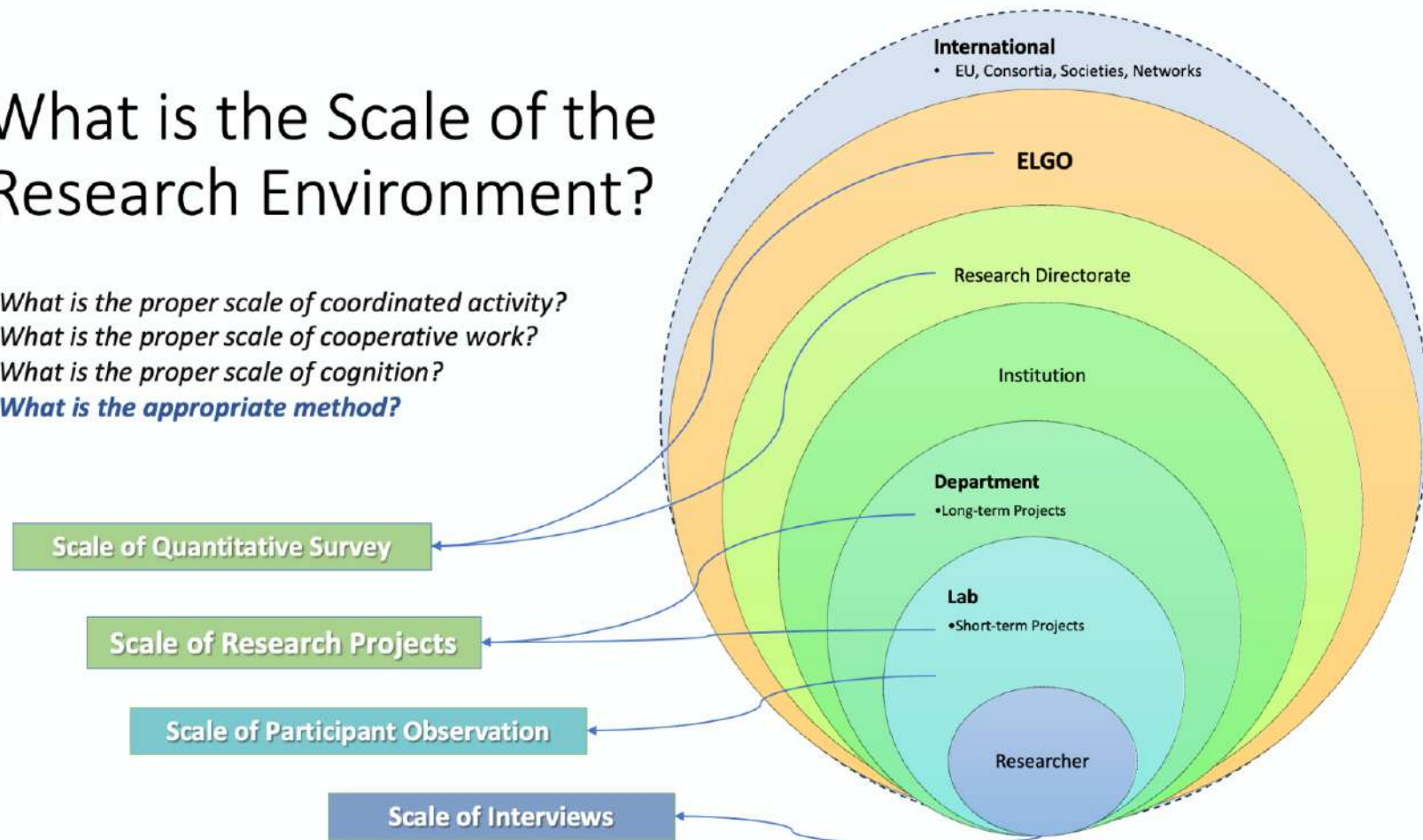
Developmental Cycles

Dyadic

Circle Groups

What is the Scale of the Research Environment?

What is the proper scale of coordinated activity?
What is the proper scale of cooperative work?
What is the proper scale of cognition?
What is the appropriate method?



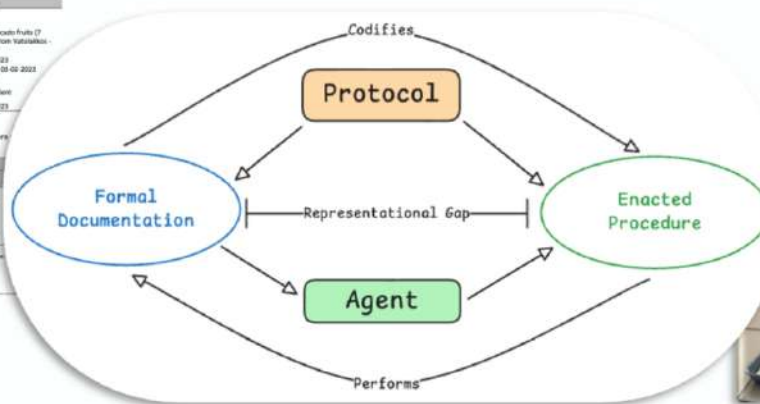
Client Data		Sample Data	
Name:	KOZDRAKIS ANTONIOS & CO L.P.	Code:	2302
Address:	AGIOKOSTEIN VITO, MARCO - CHANIA GREECE	Description:	Mass avocados fruits (7 pieces) from Vitolimassos - Chania
Contact Number:	+30 2821078801	Date of arrival:	21-02-2023
Protocol of Incoming Document:	KR1/7880/01-02-2023	Date of analysis:	21-02 to 03-03-2023
		Sample condition:	Frozen
		Sample stability:	To the client
		Date of sampling:	21-02-2023

The sample was subjected to the following analysis and the following results were:

DEFINITION	ANALYSIS METHOD	RESULTS	
		Amount	Units
Dry Weight	Precipitate formation to 105°C	26.01	% w/w
Oil Concentration	Spectral	14.08	% w/w

Maximum values for the category of Mass avocados variety according to the Regulation (EC/1831/2003 as amended from the Regulation (EU/2018) for the addition of commercial products

Observations:



- **Qualitative:** *Ethnography* (Participant Observation, Semi-structured, Interviews, Action Research)
- **Quantitative:** *Survey* (ELGO-DIMITRA Data Management)
- **Data Management:** Structured Field Notes, Media Storage, Database

Methods



Philosophy of Science in Practice

- *co-produced* philosophy, history and social studies of science
- Complementary Science
- Trace Ethnography/Artifactual – Non-discursive Practice

Approach



- Does the design and use of protocols facilitate cross-disciplinary coordination (plus other methods; standards, taxonomies, digital systems & prototypes)
- How do protocols differ between specialties and research styles?

Question



Multi-sited Journey

ELGO-DIMITRA (Greece)

- Main Sites (case studies):
 - IOSV Chania (Oct-Dec 2023)
 - IPBGR Thermi (June-July 2024)
- Side Sites
 - IOSV Heraklion, IIFC Larissa, SWRI Thermi, MaiCh
 - Conferences (e.g. Carob), Seminars
 - Visits: Botanical Gardens, Nurseries, Fields, Farms, Expeditions

Interviews: 32
 Department Visits: 8
 Lab Visits: 17
 Lab Placements: 3
 (Subtropical, Olive, Genomics)



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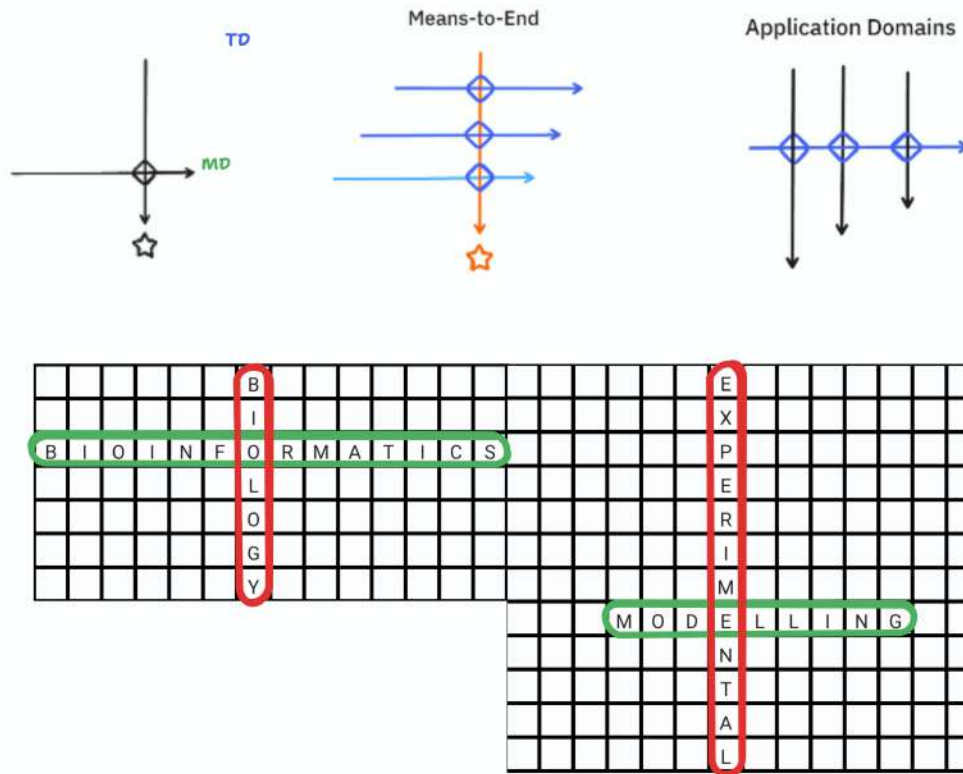
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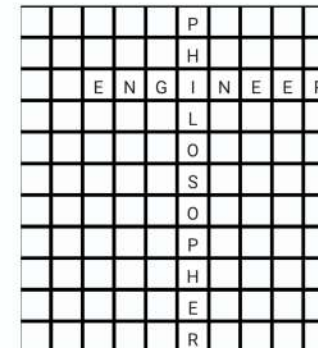


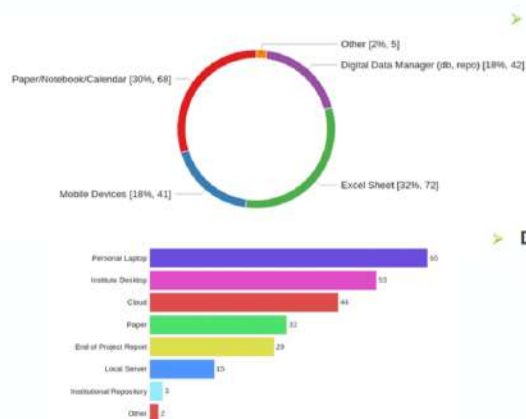
Casual Organization

ISH Informant Event



Rosa Barba





➤ Data Collection

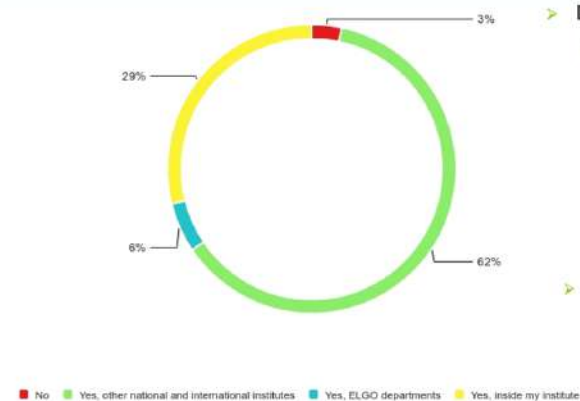
➤ Mixed analog/digital means of data collection:

- Paper and Notebooks (30%)
- Digital Media (Excel Sheets, Mobile Devices, Software) (70%)

➤ Data Storage

➤ Distributed/cloud storage over Local Storage (servers)

- Cloud Services (Google Drive, Dropbox) (80%)
- Proprietary vs. Publicly Funded Alternatives (e.g., Zenodo)
- Freemium Models vs. Other Choices (e.g., Mendeley, Zenodo)



➤ Data Sharing Patterns

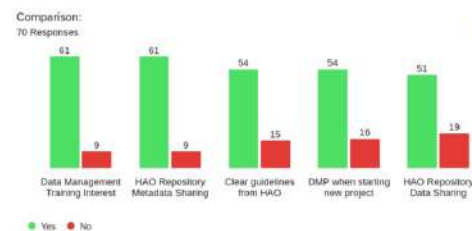
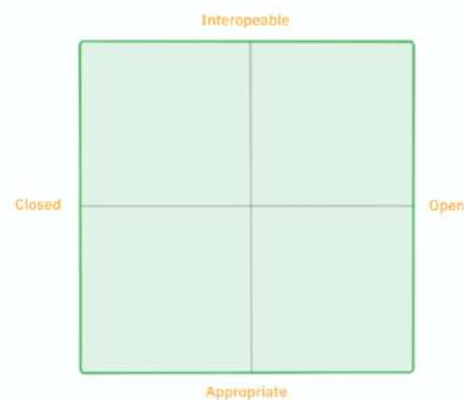
➤ Overall number of sharing outside one's lab: 97% !!

- Sharing with national/international institutes: 62%
- Sharing within ELGO-DIMITRA departments: 6%
- No sharing: 3%

➤ Decision-Making Factors:

- Specificity of the Data Types
- Completion of the Project
- Control over Conditions for Sharing

Media/Methodological Diversity



➤ Data Management Challenges

➤ Infrastructural limitation:

- volume,
- speed,
- lack of robust backup mechanisms.

➤ Issues related to handling specialized data types

1. Pedagogical

- Conferences, symposia and workshop are great for getting context and education on a new field and specialty as well as understanding its cultural matrix and perspectives.
- For understanding highly technical practices, arrangements must be made for tutoring.

2. Tooling

- Field Recording Gear
- Obsidian

3. **Cultivating Reflexivity in Scientists** |

- How does the mode of cognition and the structure of the salience landscape differ between 2nd order (science ethnography) and 1st order research (science practice)?