PhD Students and Postdoc significant events. A qualitative analysis

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1. Objective of the study
2. Method
3. Results
4. Further steps
Objective 2

• Identify and analyze what the critical incidents (CI) are which researchers face in training, in the stages of design, implementation and communication of their research, and what the coping strategies are which they use to face them
METHOD

**Answer** the objective → **We analyze different data collection procedures**

- Personal Positions Repertory (PPR)
- Activity systems
- Journey Plot
- Business Systems Journey Plot
- Chronotopes
- Questionnaires
- Interviews
- Personal digital stories
- Mazes
- Elicitation cards

**Identify**

**Analyse the CI**

**Cl + Problematic situation (PS)**
Feelings

**Problems situation (PS)**

**Journey Plot + semi-structured interview**

**Elicitation cards** *(deepen)*

**Feelings**

analyzing how **identity** (conceptions, strategies and feelings) complies with the **resolution** in a situated and dialogical way
METHOD

Journey Plot (as you know very well...)

- “Non-traditional” visualisation method of collecting data
- Suited to considering experiences of a lengthy duration
- Unique visual representation of an individual’s experience
- Chart evolving experience based on two variables: time and emotion
- Simple graph where everyone draws on their experience represented by the two variables
- It retrospectively captures an experience over time in a visualised format

(Holbrook, 1998; Miller & Brimicombe, 2003; McAlpine, 2013; Rath, McAlpine, Turner & Horn 2013; Shaw, Holbrook, Scevak & Bourke, 2008; Vekkaila, Pyhälto & Lonka, 2013)
How did we carry it out?

2 phases – 2 interviews

1st: JP

**Objective →** namely those positive or negative events that have lived along the development of the thesis and assess their impact

(2 weeks after)

2nd: Elicitation cards

**Objective →** to deep the sense of each situation and sort them by their impact
As a researcher:

PROTOCOL FOR INTERVIEW

- Instructions for contact
- Documentation to send to the subject (letter, JP...)

JP Analysis
- Questions for the semi-structured interview (for each PS in the JP):
  1. Year and length of the contingency: How long did it take?
  2. Description of the contingency:
     - What does it consist of?
     - Why was a situation problematic or positive? What was the reason? How much and how did it affect you? How did you feel? Why did you think it happened?
     - What did you do? How did you try to solve or manage it?
     - Why did you act like that? What did you take as a reference or support?
     - How did the strategy you used help you in this situation?
     - What did you learn from what happened and how you act?
  How do you think it has influenced your identity / Role of researcher / (or professional)?
To each participant:

1. Letter to the participant

   Thank you very much for cooperating in this research, as you know, trying to know a little better the obstacles, problems and possible solutions which a doctorate student may encounter during his/her doctoral course.

   Before the interview, we would like to ask you to “draw” the path you are following or you did during your PhD, identifying those moments when you experienced a negative situation (...) or a positive one (...).

   We are interested in both situations related to the development of the thesis and the problems / solutions which you found in writing it.

   ... Some considerations to take into account for this graph (axis, pencil...):

   - In each of the “turning” moments (points at which there was a change in your doctorate course) you should write a tag that summarizes very briefly what happened. If what happened was positive you put it inside a square, if it was not, inside a circle.

2. Journey Plot as an example

3. Empty Journey Plot
Examples...

Junior researcher

![Diagram showing a timeline with impact levels and stages like "enfrentamiento" and "detección"]

Año (escríbelo): 2014

Situaciones positivas
Situaciones negativas
2nd: Elicitation cards

JP analysis, recording and annotations after the interview and preparation of the elicitation cards.

1st. We wrote each contingency commented on the JP on a card, in the positive and negative squares within circles.

2nd. Instructions: Order these cards from most to least depending on how this aspect affected the development of your thesis. Start with positive aspects (squares) and with the negative (circles) and then explain the meaning of the order. You can add any other event or occurrence that you consider important.
Elicitation Cards