

Second Year Research Progress Report (SYRPR)

Doctoral Programme in Pedagogical, Educational and Training Sciences (SPEF)
University of Padua

Purpose of the Document

This Second Year Research Progress Report documents the scientific advancement of the doctoral project during the second year, with specific reference to:

- Instrument development and validation
- Data collection
- Preliminary data analysis

The report is used for formal evaluation and admission to the third year of the doctoral programme.

Section 1. Candidate and Project Information

- **PhD Candidate:**
 - **Cycle and Year:**
 - **Curriculum:**
 - **Supervisor(s):**
 - **Working Title of the Research Project:**
 - **Keywords (3–5):**
 - **Annex:** [Record of Training activities](#) that the candidate want to get acknowledged as part of the Training Plan (up to 20 CFU)
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PART I – Instrument Development and Validation -5000 words-

1.1 Overview of Research Design (Updated)

- Brief restatement of research aims and questions.
 - Description of any modifications to the original Research Design Plan.
 - Justification of methodological adjustments, if applicable.
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1.2 Description of Instruments

For each instrument developed or adapted (e.g., survey, interview protocol, observation grid, assessment tool, analytics model), specify:

- Purpose of the instrument
 - Theoretical framework underpinning the instrument
 - Structure (dimensions, scales, constructs)
 - Number of items or indicators
 - Target population
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1.3 Instrument Development Process

- Item generation procedures (literature-based, expert consultation, participatory design, etc.)
 - Pilot testing procedures
 - Revisions implemented after piloting
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1.4 Validation Procedures

Specify the type(s) of validation conducted:

- Content validity (e.g., expert review)
- Construct validity (e.g., exploratory or confirmatory factor analysis)
- Criterion validity (if applicable)
- Reliability analysis (e.g., Cronbach's alpha, test–retest reliability)

For qualitative tools:

- Coherence with theoretical constructs
 - Expert feedback
 - Inter-coder agreement procedures (if relevant)
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1.5 Validation Results

- Description of statistical or qualitative validation outcomes
- Key indicators and interpretation
- Final structure of the validated instrument

Attach instruments in annex where appropriate.

PART II – Data Collection -3000 words-

2.1 Data Collection Strategy

- Timeline of data collection activities
 - Alignment with research questions
 - Description of research settings
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2.2 Sample and Participants

- Final sample size
 - Recruitment procedures
 - Inclusion/exclusion criteria
 - Comparison with planned sample (if different)
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2.3 Data Collection Procedures

- Detailed description of how data were collected
 - Tools/platforms used
 - Duration and frequency
 - Challenges encountered and mitigation strategies
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2.4 Ethical Compliance During Data Collection

- Confirmation of ethical approval (reference number)
 - Consent procedures implemented
 - Data protection measures adopted
 - Any unforeseen ethical issues and how they were handled
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PART III – Preliminary Data Analysis

3.1 Data Preparation

- Data cleaning procedures
 - Handling of missing data
 - Coding procedures (qualitative data)
 - Construction of variables or indices
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3.2 Analytical Strategy

- Description of analytical methods applied
 - Software used
 - Rationale for selected analyses
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3.3 Preliminary Findings

- Presentation of initial descriptive results
 - Preliminary statistical or thematic patterns
 - Emerging categories or trends
 - Alignment (or tension) with research hypotheses/questions
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3.4 Reflexive and Methodological Considerations

- Strengths of the dataset
 - Limitations identified
 - Potential biases
 - Implications for third-year analysis
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PART IV – Dissemination and Scientific Output -3000 words-

4.1 Publications and Submissions

- Published articles
- Submitted manuscripts
- Conference papers

4.2 Participation in Scientific Events

- Conferences
- Workshops
- Research seminars

4.3 Open Science Practices (if applicable)

- Data repository deposits
 - Pre-registrations
 - Sharing of instruments or materials
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PART V – Work Plan for Third Year -2000 words-

- Planned advanced analyses
 - Writing schedule (articles / thesis chapters)
 - Additional data collection (if applicable)
 - Risk assessment and mitigation plan
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PART VI – Narrative Highlights -1000 words-

- Highlights of the year, masterpieces, relevant contributions through the research work

Supervisor's Statement

I confirm that the candidate has adequately developed and validated research instruments. I have also relevant evidence that the data collection is being carried out according to scientific and ethical standards. Through these means, the candidate is producing coherent preliminary analyses supporting the continuation of the project.

Furthermore, I wish to highlight that the following areas of the research competence are being developed:

(please consider the [researchcomp framework here](#))

- **Supervisor Name:**
- **Date:**
- **Signature:**