



POTENTIAL OF ECO-SCHEMES FOR THE AGROECOLOGICAL TRANSFORMATION IN NORTHERN ITALY

A PAPER



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FOR **RESILIENT FOOD SYSTEMS**
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SESSION 1: Multi-level policy initiatives to reshape the CAP

ORGANISED BY:



WITH THE SUPPORT OF:

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INTRODUCTION

STATE-OF-ART






Piedmont:

- 51703 farms (including 3555 organic farms)
- 941513 ha under agriculture (including 54616 ha of organic farming)
- 61006 people work in agriculture



INTRODUCTION

Selected eco-schemes for Italy

- Eco-scheme 1 - Payment for reducing antimicrobial resistance and animal welfare; 
- Eco-scheme 2 - Weeding of tree crops (120€/ha); 
- Eco-scheme 3 - Safeguarding olive trees of particular landscape value (220€/ha); 
- Eco-scheme 4 - Extensive fodder systems, aimed at encouraging the introduction in rotation of leguminous and fodder crops (110€/ha); 
- Eco-scheme 5 - Specific measures for pollinators (125€/ha) 

ECO 2 & ECO 3

ECO 5 & ECO 3

ECO 4 & ECO 3

Source: Italian Strategic Plan

Relazione 2021 sul piano strategico della PAC

CCI	2023IT06AFSP001
Titolo in inglese	Italy CAP Strategic Plan
Titolo nella(e) lingua(e) nazionale(i)	IT - Piano Strategico Nazionale PAC
Versione	1.2
Primo anno	2023
Ultimo anno	2027
Ammissibile a decorrere da	1-gen-2023
Ammissibile fino a	
Numero della decisione della Commissione	
Data della decisione della Commissione	
Fondo/i interessato/i	FEAGA, FEASR
Data di creazione della relazione	16/11/2022 10:54

INTRODUCTION:

RESEARCH OBJECTIVES:

- To identify a group of the stakeholders the most interested in application of eco-schemes;
- To compare the stakeholders' awareness and interest in the eco-schemes;
- To identify the most useful eco-scheme for farmers in Piedmont

METHODOLOGY

DATA COLLECTION

- Online questionnaire (Qualtrics platform), autumn 2022:
 - 3 demographic questions;
 - 2 multiple-choice questions;
 - 5 yes/no questions (awareness and interest in the eco-schemes);
 - 5 Likert scale questions (potential usefulness of each eco-scheme)

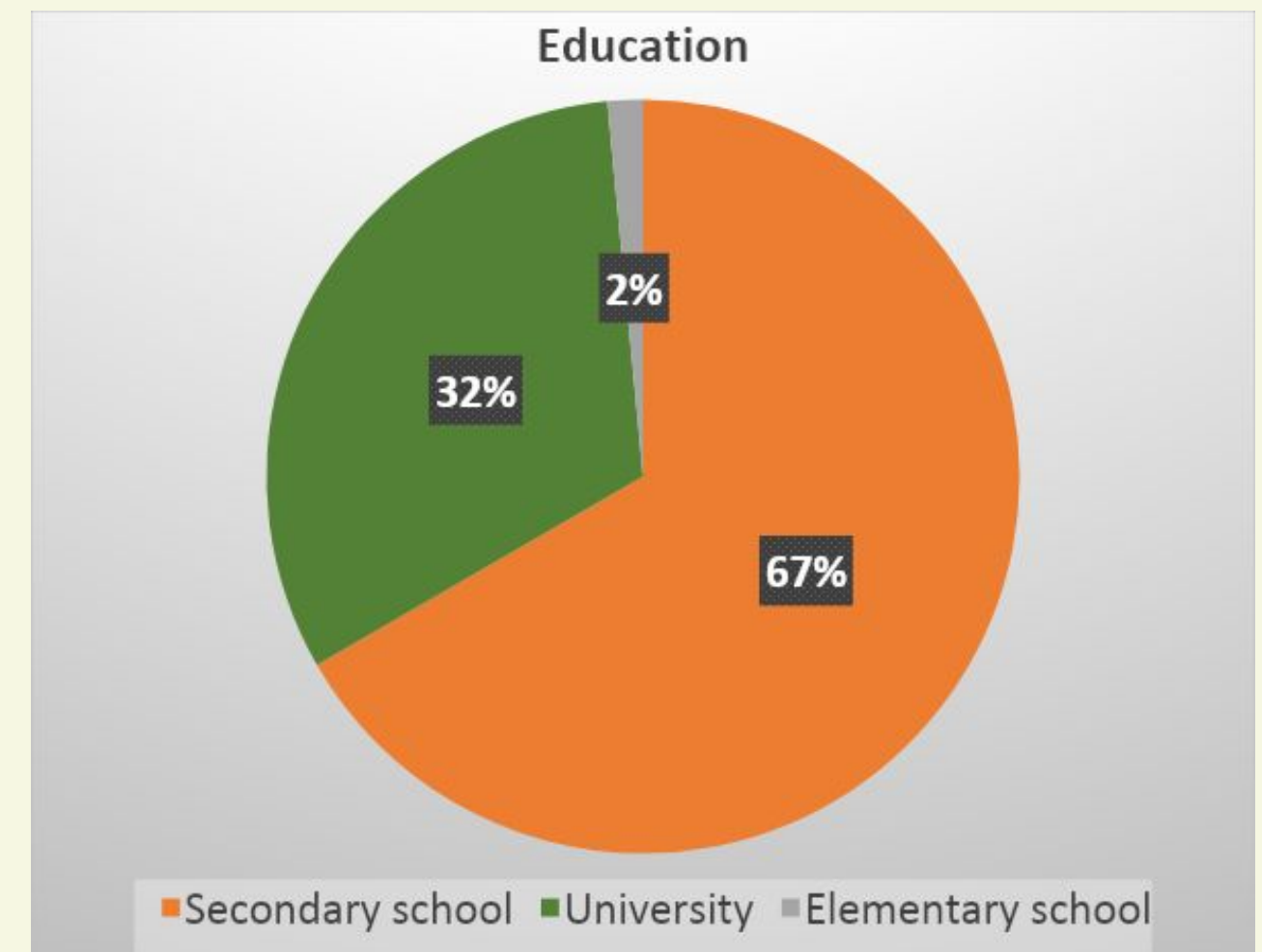
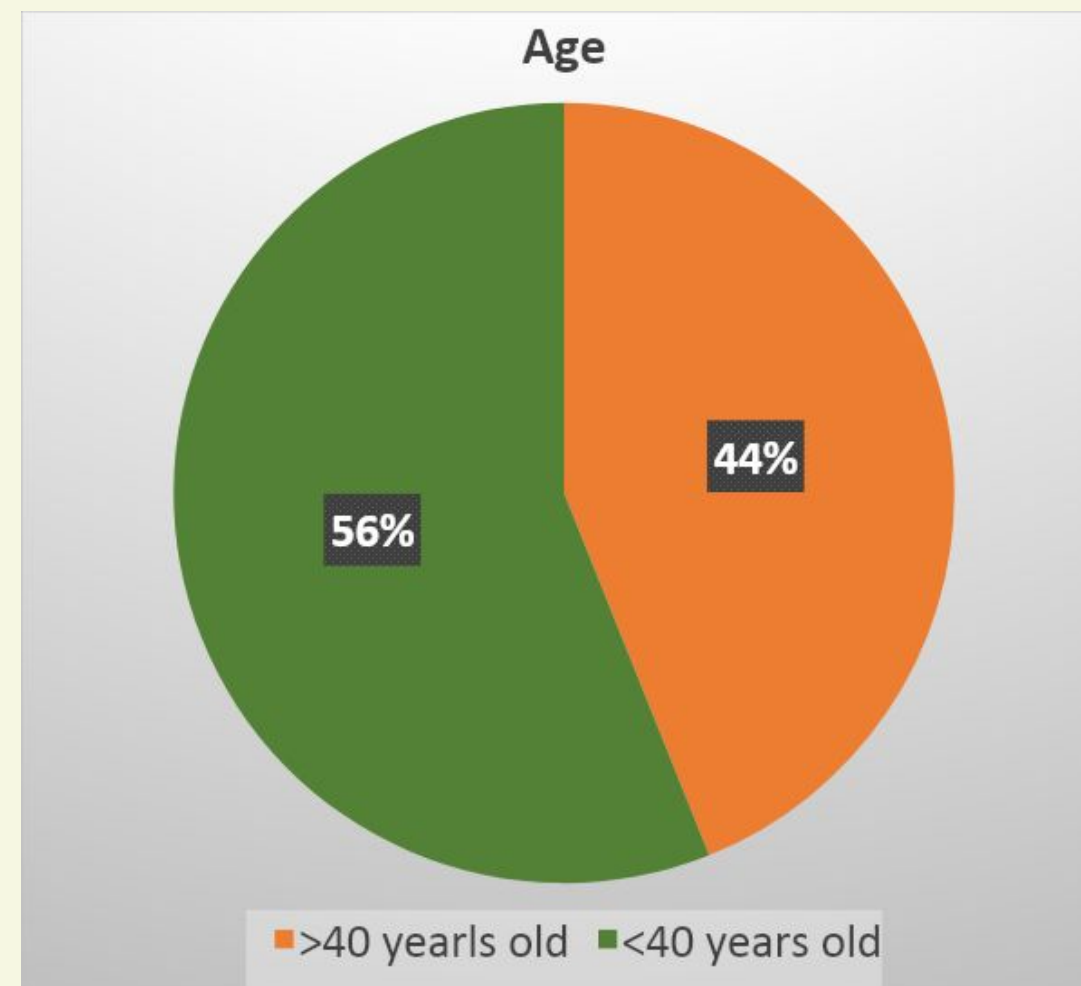
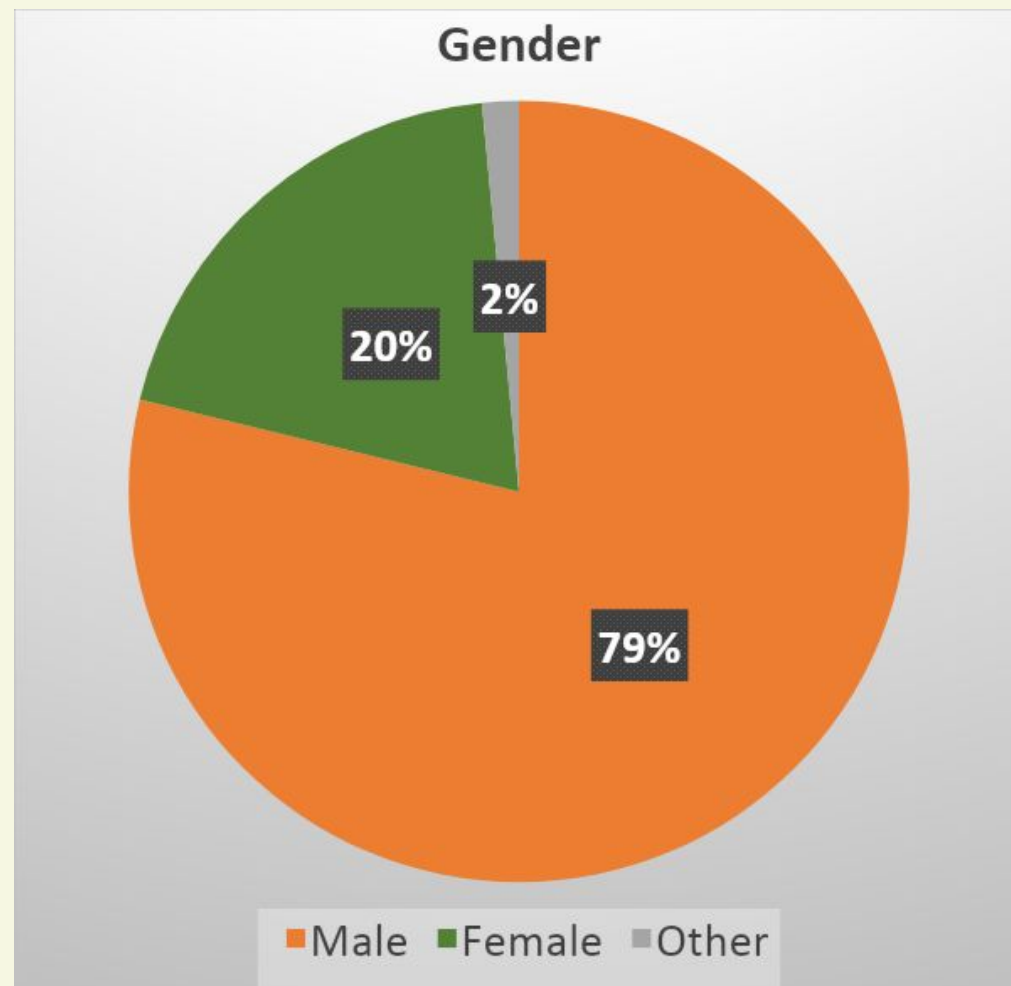
DATA ANALYSIS

- Statistical analysis (SPSS 28):
 - One-way ANOVA;
 - Two-step cluster analysis

RESULTS

THE RESPONDENTS: DEMOGRAPHIC FACTORS

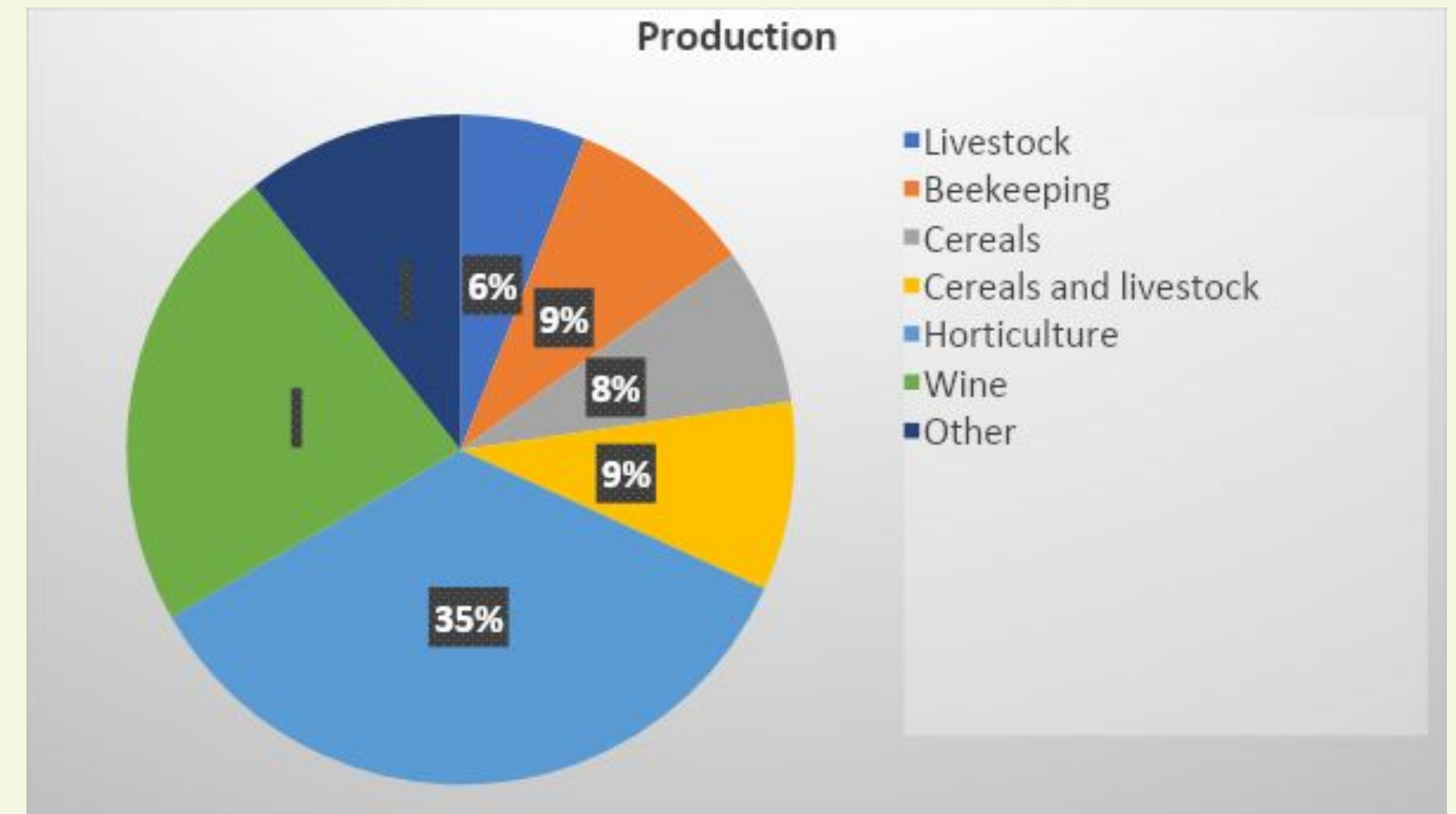
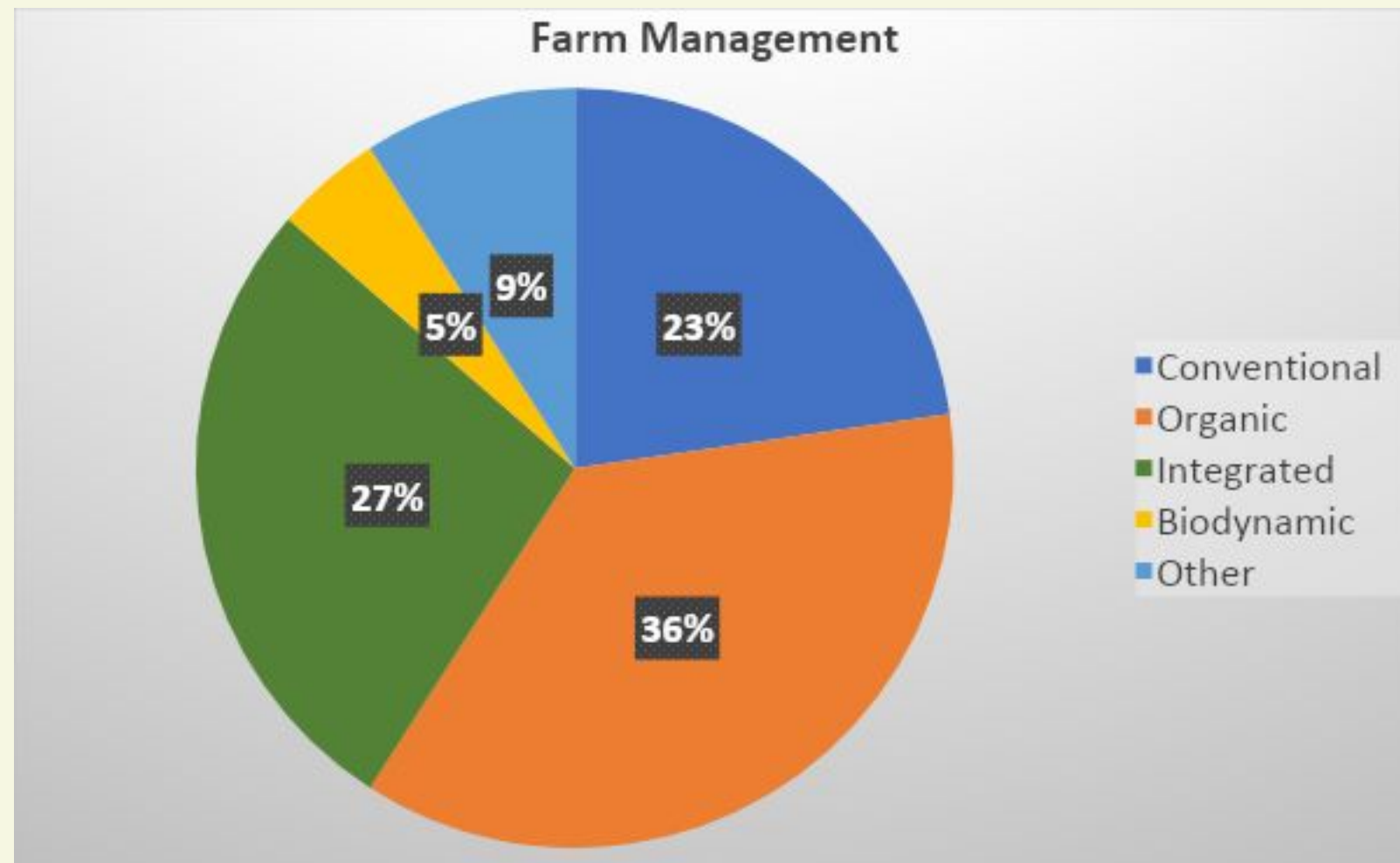
- N=66 (complete responses)



RESULTS

THE RESPONDENTS: PRODUCTION AND FARM MANAGEMENT

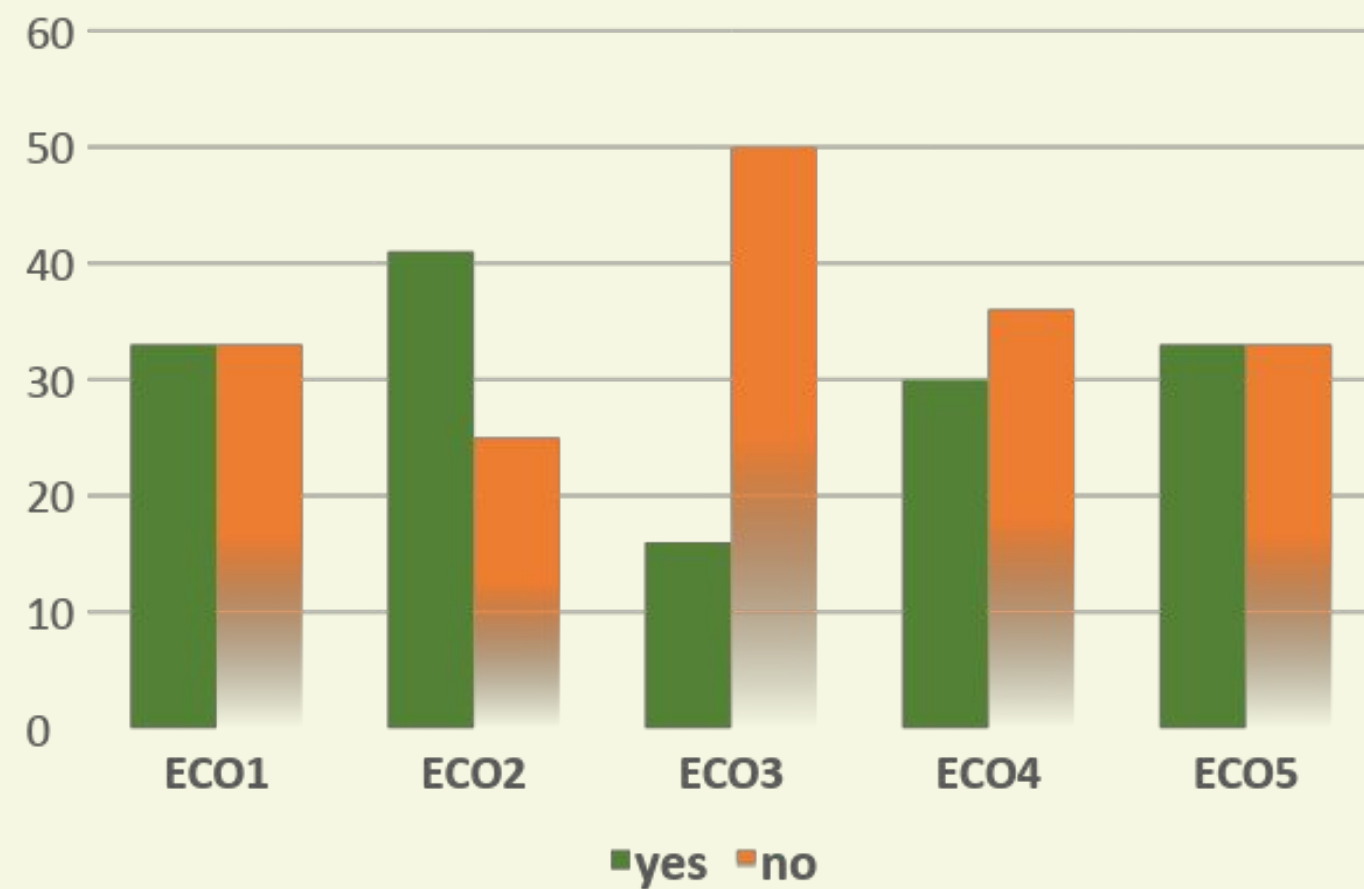
- N=66 (complete responses)



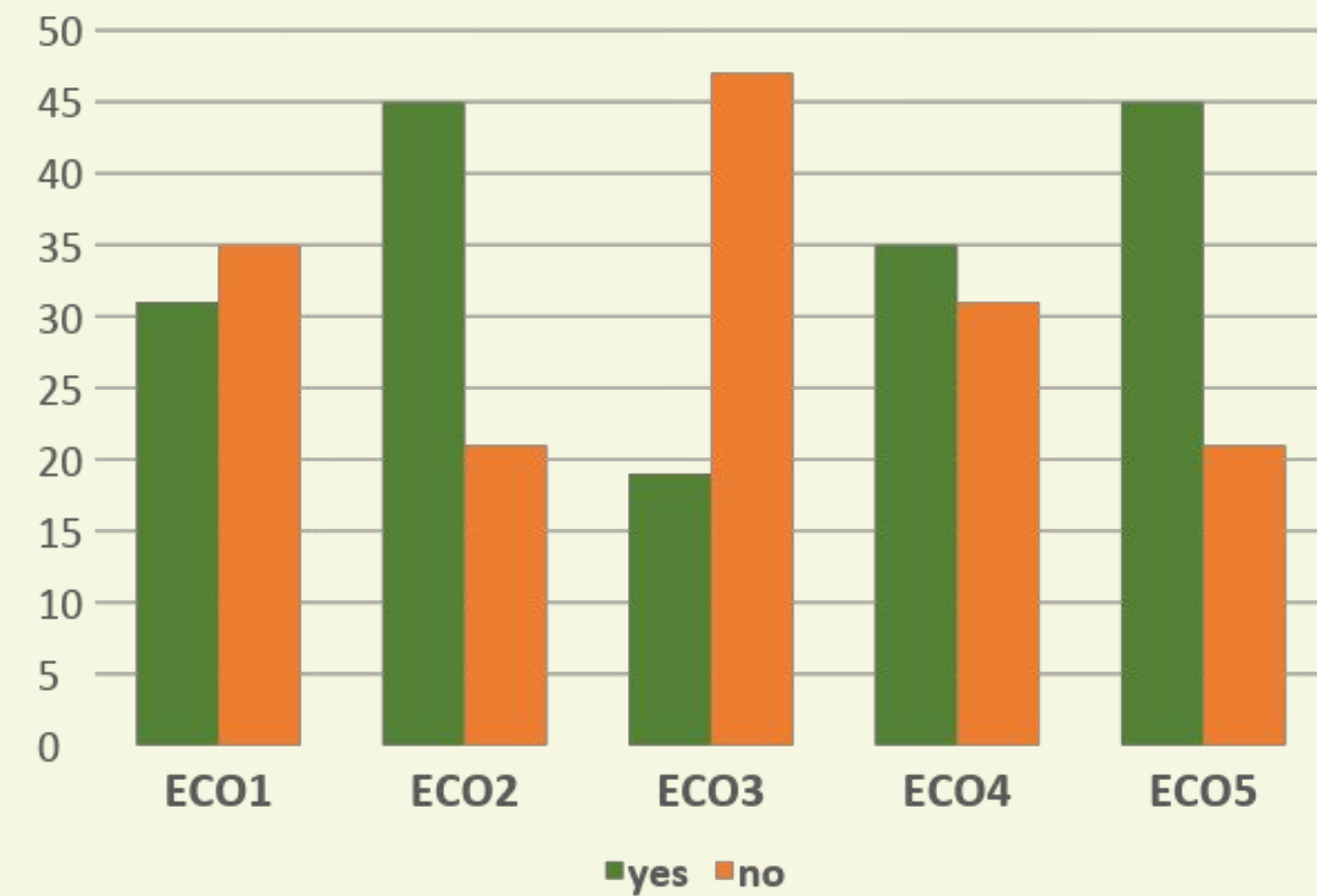
RESULTS

RESPONDENTS' AWARENESS AND INTEREST IN ECO-SCHEMES

- Awareness of the eco-schemes (n=66)



- Interest in the eco-schemes (n=66)

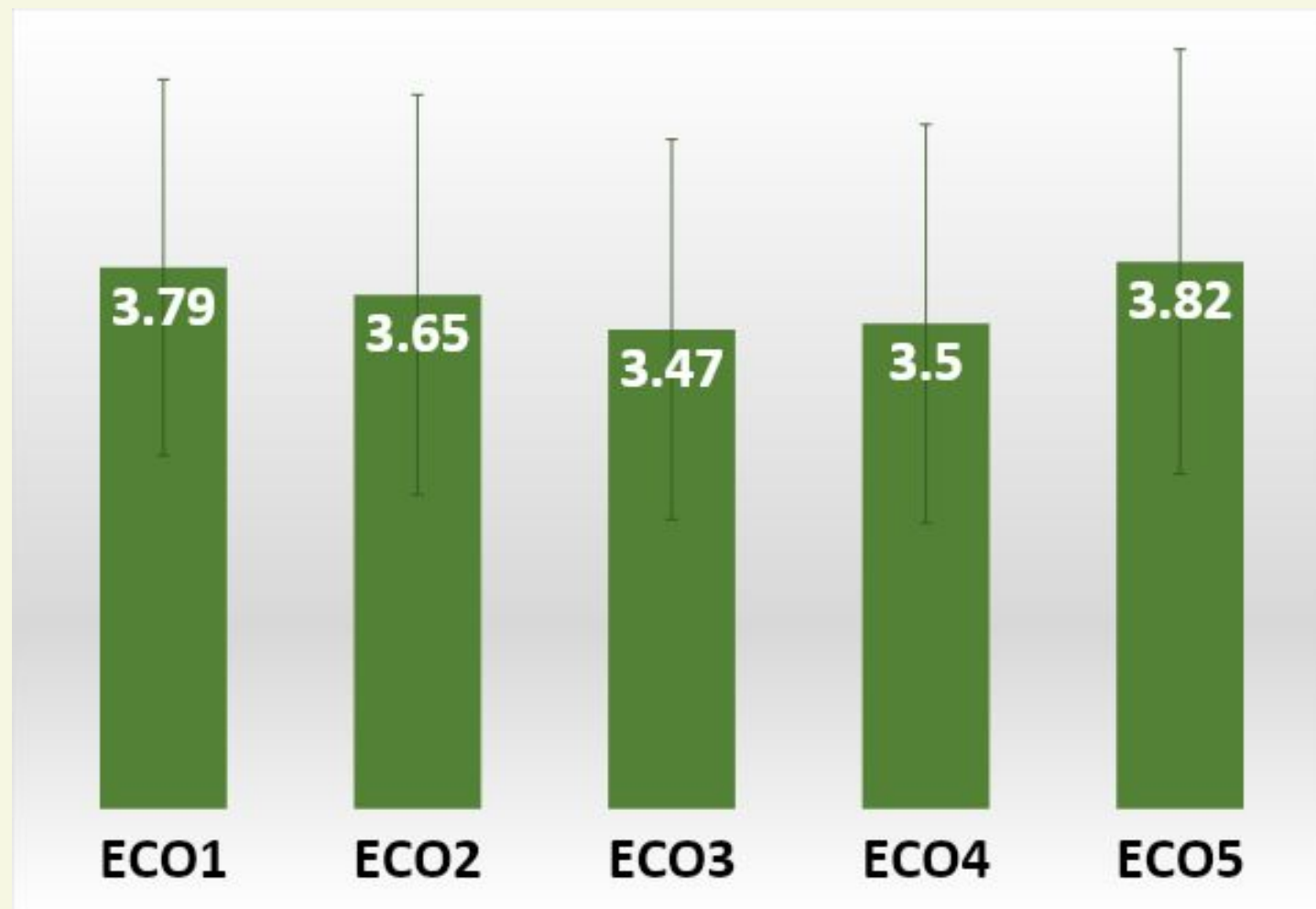


RESULTS

Average evaluation, demographic and production factors

- Average evaluation and SD of the eco-schemes (n=66)

- Results of one-way ANOVA (n=66)

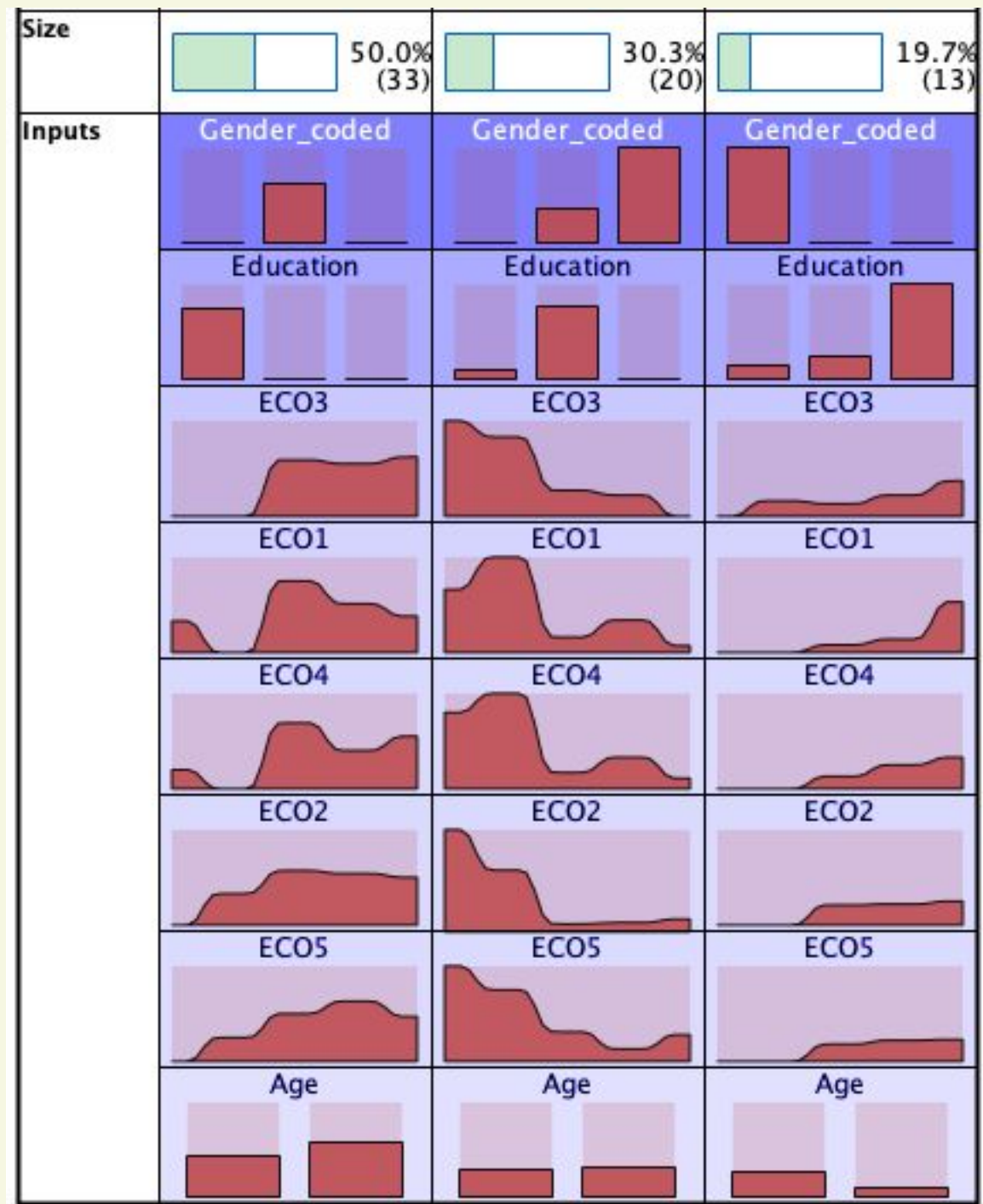


	ECO1	ECO2	ECO3	ECO4	ECO5
Age	n.s	n.s	n.s	n.s	n.s
Gender	*	n.s	n.s	**	n.s
Education	n.s	n.s	*	n.s	n.s
Farm management	n.s	n.s	n.s	n.s	n.s
Type of production	n.s	*	n.s	n.s	n.s

*p<0.05, **p<0.01, ***p<0.001, n.s. - not significant

RESULTS

THREE CLUSTERS FOR ALL ECO-SCHEMES (DEMOGRAPHIC FACTORS)



- Higher evaluation of all eco-schemes by 2 clusters:
 - 1) Male with secondary education
 - 2) Female with secondary and higher education

RESULTS

HIGHER EVALUATION OF ECO-SCHEMES (PRODUCTION AND FARM MANAGEMENT FACTORS)



ECO1

- Organic
- All productions except animals and beekeeping



ECO2

- Organic and conventional
- Horticulture



ECO3

- Organic and other



ECO4

- Organic and integrated



ECO5

- No important factors

DISCUSSION

PAPER: FURTHER STEPS

- Confirmed results of other authors (Sachs 2018; Davidson & Freudenburg 1996 ...);
- Needed qualitative data (interviews with the respondents);
- Focus on production factors;
- Further research with other factors (economic, agronomic...)

ECO-SCHEMES: FOR FUTURE POLICIES

- More dissemination activities;
- More freedom for regions in selection of specific eco-schemes;
- Less restrictions and requirements for small-scale farmers;
- Involvement farmers into development of the regional eco-schemes

A scenic mountain landscape featuring a dirt path leading through a lush green forest on a hillside. In the background, there are majestic mountains with patches of snow under a cloudy sky. The overall atmosphere is serene and natural.

**THANKS FOR YOUR
ATTENTION**

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