PrimeFish

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Deliverable No. 1.3

Project acronym:
PrimeFish

Project title:
„Developing Innovative Market Orientated Prediction Toolbox to Strengthen the Economic Sustainability and Competitiveness of European Seafood on Local and Global markets"

Grant agreement No: **635761**
This project has received funding from European Union´s Horizon 2020 research and innovation program.

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[1] Document will be a draft until it was approved by the coordinator
[2] PU: Public, PP: Restricted to other programme participants (including the Commission Services), RE: Restricted to a group specified by the consortium (including the Commission Services), CO: Confidential, only for members of the consortium (including the Commission Services)
[3] The initials of the revising individual in capital letters

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Deliverable D1.3

Guidelines for data analysis methods, with links to collected data types

24/05/2016

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Executive Summary

The aim of PrimeFish is to improve the economic sustainability of European fisheries and aquaculture. The work done in PrimeFish will be based on data gathered from individual production companies, industry and sales organisations, consumers and public sources. This wide range of sources entails that a great deal of diverse data will be produced over the course of the project. Work package 1 (WP1) involves the selection, configuration and harmonisation of data collection methods, data curation and data analysis methods. The latter part is the focus of deliverable 1.3 "Guidelines on data analysis methods".

Participants in PrimeFish, who are involved in the analysis of different types of data, have to submit a short overview, a one-page form, detailing what methods they will use. This is needed to enable harmonization between similar data sets in order to produce a more congruent result. The availability of a document such as this might facilitate communication between project participants who are utilizing the same methods for similar data, or those who have similar data, but are not using the same approach.

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Introduction

PrimeFish has a wide scope, namely to "*improve the economic sustainability of European fisheries and aquaculture sectors".* This will be done by gathering data from "*individual production companies, industry and sales organisations, consumers and public sources".* Such a wide range of sources produces large amounts of diverse data.

Previous deliverables (D1.1/D1.2) have focused on describing the content of different data sets with regards to data management, -archiving and -sharing, data collection and the use of standards in order to enable harmonization. This deliverable continues this work and provides a comprehensive overview of the data analysis methods used by the different research groups.

The forms that were provided by the project participants have been included in the appendix of this document. They are grouped according to work package (WP) number. Where possible, the forms are grouped in the same order that is found in deliverables 1.1 and 1.2. However, in the two mentioned deliverables, one form was used for each data set. In this deliverable, several data sets can be grouped in the same form provided they use the same analysis methods. Certain data sets might also be used either in different work packages or by different organizations, meaning they are mentioned more than once. For these reasons, the number of forms in this deliverable will not be identical to the number in the previous deliverables; neither will the order in which they appear.

Methods

In order to obtain the information needed, a form detailing the required information was created and distributed among the project participants. Detailed instructions on how to fill out the form was included in the accompanying e-mail. The form contained a predefined list of different methods categorized under the main headings "*Regression; Multivariate; Forecasting; Qualitative; Supply/Value chain analysis*". Each header contained between three to five different methods, and participants were asked to tick the box next to each applicable method. The list of possible methods was compiled through a literature review of similar studies as well as method guidelines. The list was not exhaustive, meaning participants also had the option to choose "*Other*" should none of the options be applicable, and to specify further in a text field.

The form contained optional fields were participants were invited to provide comments on the application of their method of choice, or to provide links and/or other references to contemporary guidelines for the use of the method(s) in question, such as seminal works or similar. In order to provide a link to the type of data used, the forms use the same data set name/reference as was used in deliverables 1.1 and 1.2 ("Guidelines on data collection methods", and the "Data Management Plan", respectively).

The form issued is included in the appendix.

Conclusion

Deliverable 1.3 "Guidelines on data analysis methods" provides a thorough overview of the different analysis methods that the project participants will make use of over the course of the project. This comprehensive summary will act as a tool enabling participants to gain an insight into the strategies

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applied by others, and can help researchers working with similar data types to coordinate their efforts in order to ensure a more harmonious final product. This harmonization of strategies and effort is enabled further through the use of a standardized form containing predefined lists of choices.

Whilst each form contains the required information, e.i. which methods are used, the amount of supplementary information varies. This can mainly be attributed to the types of methods used. Certain analysis methods might provide little room for alternative approaches, and thus require little or no additional explanation on the way in which the work has been-, or will be carried out. Other analysis methods, on the other hand might allow for a much more open-ended approach.

Acknowledgement

We wish to thank all the project partners who have contributed to the completion of this deliverable.

References

- "Guidelines on Data Management in Horizon 2020". Version 1, Dec. 11. 2013.
- "Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020". Version 2.0, Oct. 30th. 2015.

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Appendix

WP2

Name of project partner/organization	ttz Bremerhaven
Data set reference and name	Herring – Questionnaire on productivity development and growth potential
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Aalborg University
Data set reference and name	Herring – case study data on economic performance 2000-2012
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☒ Regression ☐ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Kontali Analyse AS
Data set reference and name	Several sectors – Price and sale information on the European seafood market, 2000-to date
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☒ MANOVA
	  ○ ☒ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☒ Horizon scanning
	  ○ ☒ Delphi
	  ○ ☒ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Kontali – UniParma
Data set reference and name	Several sectors – Price and sale information on the European seafood market, 2000-to date
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☒ Other (please specify in the box below) Kalma Filter

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)
	Kalma Filter

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Kontali Analyse AS
Data set reference and name	Groundfish/cod – Price and volume information, 2006-to date
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☒ MANOVA
	  ○ ☒ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☒ Horizon scanning
	  ○ ☒ Delphi
	  ○ ☒ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Kontali Analyse AS
Data set reference and name	Pelagic – Price, volumes and industry structure, 2000-to date
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method	• Multivariate analysis
	  ○ ☒ MANOVA
	  ○ ☒ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☒ Horizon scanning
	  ○ ☒ Delphi
	  ○ ☒ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Kontali Analyse AS
Data set reference and name	Salmon – Price, volume and company business statistics, 1994-to date
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method	• Multivariate analysis
	  ○ ☒ MANOVA
	  ○ ☒ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☒ Horizon scanning
	  ○ ☒ Delphi
	  ○ ☒ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	UniParma
Data set reference and name	Salmon – Price, volume and company business statistics, 1994-to date
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☒ Regression ☐ Forecasting ☒ Qualitative analysis ☐ Supply/Value chain analysis ☒ Other (please specify in the box below) Value Chain Analysis

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☒ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☐ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Value chain analysis

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Kontali Analyse AS
Data set reference and name	Salmon – Norway – Economic and financial figures, 1996-to date
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method	• Multivariate analysis
	  ○ ☒ MANOVA
	  ○ ☒ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☒ Horizon scanning
	  ○ ☒ Delphi
	  ○ ☒ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Kontali Analyse AS
Data set reference and name	Seabass, seabream – Price, volume, estimated juvenile figures and fish feed volumes, 2006-to date
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method	• Multivariate analysis
	  ○ ☒ MANOVA
	  ○ ☒ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☒ Horizon scanning
	  ○ ☒ Delphi
	  ○ ☒ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Kontali – UniParma
Data set reference and name	Seabass, seabream – Price, volume, estimated juvenile figures and fish feed volumes, 2006-to date
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☒ Other (please specify in the box below) Kalma Filter

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)
	Kalma Filter

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Kontali Analyse AS
Data set reference and name	Trout – Price, volume and company performance data
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method	• Multivariate analysis
	  ○ ☒ MANOVA
	  ○ ☒ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☒ Horizon scanning
	  ○ ☒ Delphi
	  ○ ☒ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Kontali – UniParma
Data set reference and name	Trout – Price, volume and company performance data
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☒ Other (please specify in the box below) Kalma Filter

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)
	Kalma Filter

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	MemU
Data set reference and name	Salmon – Canada – Economic performance and prices Cod – Canada – Economic performance and prices Herring – Canada – Economic performance and prices Snow Crab – Canada – Economic performance and prices
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☒ Forecasting ☒ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☒ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Syntesa sp/f
Data set reference and name	Several sectors – Faroe Islands – Production and export, 2004-2014
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☒ MANOVA
	  ○ ☐ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☒ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	*Usage in boom and bust cycle analysis*
Link/reference to method application guidelines	• Simar, L. and V. Zelenyuk (August 2011). "Stochastic FDH/DEA estimators for frontier analysis". *Journal of Productivity Analysis* **36** (1): 1-2 • T. W. Anderson, *An Introduction to Multivariate Statistical Analysis*, Wiley, New York, 1958.

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	University of Iceland
Data set reference and name	Cod – Iceland – Economic performance and prices
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	University of Iceland
Data set reference and name	Cod – Spain – Economic performance and prices
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	University of Iceland
Data set reference and name	Cod – UK – Economic performance and prices
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	University of Iceland
Data set reference and name	Herring – Iceland – Economic performance and prices
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☒ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☒ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	Nofima
Data set reference and name	Cod – Norway – Fishing vessel efficiency and productivity
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☐ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☒ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	Gini-coefficient applied to show seasonality in cod landings in Norway (vs. Iceland).
Link/reference to method application guidelines	

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	Nofima
Data set reference and name	Cod – Norway – Fishing vessel efficiency and productivity
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☒ Other (please specify in the box below) Total factor productivity calculation

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)
	Tornquist value added measure of productivity growth

Comments on application (if any)	
Link/reference to method application guidelines	*Eggert and Tveterås 2013. Productivity development in Icelandic, Norwegian and Swedish fisheries. Applied Economics 45:709-720.*

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	Nofima
Data set reference and name	Several sectors – Survey data for the Fish Competitiveness Index (FCI) Several sectors – Norway, Iceland – Survey data for the Fish Competitiveness Index (FCI)
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☒ Other (please specify in the box below) Subjective weights of components

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Results from surveys and data will be compiled into an index based on subjective weights

Comments on application (if any)	
Link/reference to method application guidelines	

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	Dai Hoc Nha Trang
Data set reference and name	Pangasius – Vietnam – Economic performance
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☐ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☒ Other (please specify in the box below) Other methods: non-parametric approach (WP2), competitive index (WP5)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☒ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☒ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)
	Other methods: non-parametric approach (WP2), competitive index (WP5)

Comments on application (if any)	
Link/reference to method application guidelines	

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	Dai Hoc Nha Trang
Data set reference and name	Pangasius – Vietnam – Price
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☒ Regression ☒ Forecasting ☐ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☒ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

WP3

Name of project partner/organization	University of Stirling
Data set reference and name	Several sectors – Value chain description, 2000-2014
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☒ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☒ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☒ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	http://sds.ukzn.ac.za/files/handbook_valuechainresearch.pdf

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	Aalborg University
Data set reference and name	Several sectors – Market institutional analysis on framework conditions
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☒ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☒ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	Gereffi G., Humphrey J. & Sturgeon T., 2005. The governance of global value chains, *Review of International Political Economy*, 12:1, 78-104, DOI: 10.1080/09692290500049805

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	University of Stirling
Data set reference and name	Several sectors – Labeling and certification schemes
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☒ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☒ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☐ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☒ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	*Ward, T., & Phillips 2008 Chapter 1. Ecolabeling of Seafood: basic concepts in Seafood Ecolabeling Principles and Practice. Wiley-Blackwell.*

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	University of Stirling
Data set reference and name	Several sectors – Industry dynamics
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☒ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☒ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☒ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☒ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Global Value Chain (GVC) analysis (framework approach)

Comments on application (if any)	
Link/reference to method application guidelines	http://sds.ukzn.ac.za/files/handbook_valuechainresearch.pdf http://www.fao.org/easypol/output/browse_by_training_path.asp?pub_id=439&id=439&id_elem=439&id_cat=336

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	Aalborg University
Data set reference and name	Several sectors – Value chain analysis interview data
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☒ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	Arctic University of Norway - UiT
Data set reference and name	Several sectors – Survey on non-market effects of fisheries and aquaculture
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☒ Regression ☐ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☒ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	*https://en.wikipedia.org/wiki/Logistic_regression*

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	Matis
Data set reference and name	Cod, Herring – Iceland – Value chain description
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☒ Forecasting ☐ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☒ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☐ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☒ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	MemU
Data set reference and name	Salmon – Canada – Supply chain description and regulations Cod – Canada – Supply chain relations and regulations Herring – Canada – Supply chain relations and regulations Snow Crab – Canada – Supply chain relations and regulations
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☒ LCA
	  ○ ☒ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Name of project partner/organization	Nofima
Data set reference and name	Herring, Cod – Norway – Fishers, fishing vessels, production and export of fish, 2000-2015
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☐ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☒ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Syntesa sp/f
Data set reference and name	Several sectors – Value chain analysis industry data
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☒ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	*Impact of vertical integration the salmon value chain*
Link/reference to method application guidelines	Sources: company websites, industry associations, interviews/questionnaires with key industry representatives Various methods for value chain analysis will be applied

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WP4

Name of project partner/organization	Kontali
Data set reference and name	Several sectors – Data on innovative products case studies Several sectors – Analysis of European seafood products innovations
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	  ○ ☐ Latent Class Analysis
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☐ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)
	In depth case studies

Comments on application (if any)	The development of the case study is divided in two parts, which will allow the collection of information from different sources. In the first part, the local partner conducts a secondary data collection on the company information (company reports, news, etc.). In the second part, the semi-structured interview is developed, ideally with

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	employees holding different positions (eg marketing, production, R& D) in the firm.
Link/reference to method application guidelines	- Eisenhardt, K. M. (1989). Building theories from case study research. *Academy of management review*, *14*(4), 532-550. - Harmsen, H., Grunert, K. G., & Declerck, F. (2000). Why did we make that cheese? An empirically based framework for understanding what drives innovation activity. *R&D Management*, *30*(2), 151-166. - Yin, R. K., Bennett, N., Glatter, R., & Levacic, R. (1994). Designing single-and multiple-case studies. *Improving Educational Management: Through Research and Consultancy*, 135-155

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Name of project partner/organization	MemU
Data set reference and name	Salmon – Canada – Consumer and market trends Cod – Canada – Consumer and market trends Herring – Canada – Consumer and market trends Snow Crab – Canada – Consumer and market trends
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	Natural Resources Institute Finland (Luke)
Data set reference and name	Several sectors – Finland, France – Household purchases
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☐ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☒ Linear
	  ○ ☐ Logistic
	  ○ ☒ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)
	Simultaneous equations models; simulations

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	University of Savoy
Data set reference and name	Several sectors – European consumers' survey and choice experiments
Overall type of analysis method	☒ Multivariate analysis ☒ Regression ☐ Forecasting ☒ Qualitative analysis ☐ Supply/Value chain analysis ☒ Other (please specify in the box below) Quantitative analysis
Specific type of name and method	• Multivariate analysis o ☒ MANOVA o ☒ Cluster o ☒ Factor • Regression o ☒ Linear o ☒ Logistic o ☒ Probit o ☐ Polynomial o ☐ Bayesian • Forecasting o ☐ Horizon scanning o ☐ Delphi o ☐ Emerging issues o ☐ Time series analysis • Qualitative analysis o ☒ Literature review o ☐ SWOT o ☒ Qualitative comparative analysis o ☒ Coding • Supply/Value chain analysis o ☐ LCA o ☐ Value stream mapping o ☐ Agent-based modelling • Other (please specify) Bivariate analysis Structural equation model
Comments on application (if any)	*The same analysis methods will be applied for tasks 4.3.4 and 4.4 even if they will be carried out separately.*
Link/reference to method application guidelines	

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WP5

Name of project partner/organization	University of Iceland
Data set reference and name	Several sectors – Company and country data relevant for the Fish Competitiveness Index (FCI)
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☐ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☒ LCA
	  ○ ☒ Value stream mapping
	  ○ ☒ Agent-based modelling
	• Other (please specify)

Comments on application (if any)	
Link/reference to method application guidelines	

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Name of project partner/organization	University of Pavia
Data set reference and name	Several sectors – Data on innovative products case studies Several sectors – Analysis of European seafood products innovations Several sectors – European consumers' in-depth interview summaries Several sectors – European consumers' survey and choice experiments
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☒ Regression ☐ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	  ○ ☒ Latent Class Analysis
	• Regression
	  ○ ☐ Linear
	  ○ ☒ Multinomial Logistic (or Choice model)
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☒ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)

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Comments on application (if any)	The model, based on consumer and industry data, will offer a match between the firm's capabilities/resources and product, and the ideal consumer segment.
Link/reference to method application guidelines	- Bhatnagar, A., & Ghose, S. (2004). A latent class segmentation analysis of e-shoppers. *Journal of Business Research*, *57*(7), 758-767. - Oh, M. S., Choi, J. W., & Kim, D. G. (2003). Bayesian inference and model selection in latent class logit models with parameter constraints: an application to market segmentation. *Journal of Applied Statistics*, *30*(2), 191-204.

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Non-specific WP

Name of project partner/organization	Centro Tecnológico del Mar – Fundación CETMAR (acronym CETMAR)
Data set reference and name	Aquaculture – Spain – Economic figures, 2008-2013
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)
	Global Value Chain and Porter's Diamond Framework to assess competitive advantages

Comments on application (if any)	Cluster analysis or clustering will be addressed by grouping a set of objects/data in such a way that objects/data in the same group (called a cluster) are more similar (according different specifications) to each other than to those in other groups (clusters).

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	Qualitative analyses; focus on the Strengths, Weaknesses, Opportunities and Threats (SWOT) analysis to assess the main results from the stakeholder interactions but also through the revision of scientific and grey literature. Specifically, this analysis permits to examine and understand the internal and external factors that may favour or hamper the creation of shared value and develop comparative analysis (in combination with cluster analysis).
Link/reference to method application guidelines	Global value Chain; Ponte, Stefano. 2010. "An Analytical Framework for Global Value Chain (GVC) Analysis." SEAT Workshop Bangkok, Bangkok, 14 January 2010 Stefano, no. Danish Institute for International Studies (DIIS). Smit, A J. 2010. "The Competitive Advantage of Nations : Is Porter ' S Diamond Framework a New Theory That Explains the International Competitiveness of Countries ?" Southern African Business Review Vol.14: 105–30.

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Name of project partner/organization	Centro Tecnológico del Mar – Fundación CETMAR (acronym CETMAR)
Data set reference and name	Several sectors – Spain – Origin, wholesale and retail trade price information, 2004-2015
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Global Value Chain and Porter's Diamond Framework to assess competitive advantages

Comments on application (if any)	Cluster analysis or clustering will be addressed by grouping a set of objects/data in such a way that objects/data in the same group (called a cluster) are more similar (according different specifications) to each other than to those in other groups (clusters).

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	Qualitative analyses; focus on the Strengths, Weaknesses, Opportunities and Threats (SWOT) analysis to assess the main results from the stakeholder interactions but also through the revision of scientific and grey literature. Specifically, this analysis permits to examine and understand the internal and external factors that may favour or hamper the creation of shared value and develop comparative analysis (in combination with cluster analysis).
Link/reference to method application guidelines	Global value Chain; Ponte, Stefano. 2010. "An Analytical Framework for Global Value Chain (GVC) Analysis." SEAT Workshop Bangkok, Bangkok, 14 January 2010 Stefano, no. Danish Institute for International Studies (DIIS). Smit, A J. 2010. "The Competitive Advantage of Nations : Is Porter ' S Diamond Framework a New Theory That Explains the International Competitiveness of Countries ?" Southern African Business Review Vol.14: 105–30.

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Name of project partner/organization	Centro Tecnológico del Mar – Fundación CETMAR (acronym CETMAR)
Data set reference and name	Several sectors – Spain – Wholesale price information of perishable food products, 2012-2015
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Global Value Chain and Porter's Diamond Framework to assess competitive advantages

Comments on application (if any)	Cluster analysis or clustering will be addressed by grouping a set of objects/data in such a way that objects/data in the same group (called a cluster) are more similar (according different specifications) to each other than to those in other groups (clusters).

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	Qualitative analyses; focus on the Strengths, Weaknesses, Opportunities and Threats (SWOT) analysis to assess the main results from the stakeholder interactions but also through the revision of scientific and grey literature. Specifically, this analysis permits to examine and understand the internal and external factors that may favour or hamper the creation of shared value and develop comparative analysis (in combination with cluster analysis).
Link/reference to method application guidelines	Global value Chain; Ponte, Stefano. 2010. "An Analytical Framework for Global Value Chain (GVC) Analysis." SEAT Workshop Bangkok, Bangkok, 14 January 2010 Stefano, no. Danish Institute for International Studies (DIIS). Smit, A J. 2010. "The Competitive Advantage of Nations : Is Porter ' S Diamond Framework a New Theory That Explains the International Competitiveness of Countries ?" Southern African Business Review Vol.14: 105–30.

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Name of project partner/organization	Centro Tecnológico del Mar – Fundación CETMAR (acronym CETMAR)
Data set reference and name	Several sectors – Spain – Retail price information of food products, 2012-2015
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Global Value Chain and Porter's Diamond Framework to assess competitive advantages

Comments on application (if any)	Cluster analysis or clustering will be addressed by grouping a set of objects/data in such a way that objects/data in the same group (called a cluster) are more similar (according different specifications) to each other than to those in other groups (clusters).

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	Qualitative analyses; focus on the Strengths, Weaknesses, Opportunities and Threats (SWOT) analysis to assess the main results from the stakeholder interactions but also through the revision of scientific and grey literature. Specifically, this analysis permits to examine and understand the internal and external factors that may favour or hamper the creation of shared value and develop comparative analysis (in combination with cluster analysis).
Link/reference to method application guidelines	Global value Chain; Ponte, Stefano. 2010. "An Analytical Framework for Global Value Chain (GVC) Analysis." SEAT Workshop Bangkok, Bangkok, 14 January 2010 Stefano, no. Danish Institute for International Studies (DIIS). Smit, A J. 2010. "The Competitive Advantage of Nations : Is Porter ' S Diamond Framework a New Theory That Explains the International Competitiveness of Countries ?" Southern African Business Review Vol.14: 105–30.

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Name of project partner/organization	Centro Tecnológico del Mar – Fundación CETMAR (acronym CETMAR)
Data set reference and name	Several sectors – Spain – Weighted average prices of public food product sales, 2002-2015
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Global Value Chain and Porter's Diamond Framework to assess competitive advantages

Comments on application (if any)	Cluster analysis or clustering will be addressed by grouping a set of objects/data in such a way that objects/data in the same group (called a cluster) are more similar (according different specifications) to each other than to those in other groups (clusters).

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	Qualitative analyses; focus on the Strengths, Weaknesses, Opportunities and Threats (SWOT) analysis to assess the main results from the stakeholder interactions but also through the revision of scientific and grey literature. Specifically, this analysis permits to examine and understand the internal and external factors that may favour or hamper the creation of shared value and develop comparative analysis (in combination with cluster analysis).
Link/reference to method application guidelines	Global value Chain; Ponte, Stefano. 2010. "An Analytical Framework for Global Value Chain (GVC) Analysis." SEAT Workshop Bangkok, Bangkok, 14 January 2010 Stefano, no. Danish Institute for International Studies (DIIS). Smit, A J. 2010. "The Competitive Advantage of Nations : Is Porter ' S Diamond Framework a New Theory That Explains the International Competitiveness of Countries ?" Southern African Business Review Vol.14: 105–30.

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Name of project partner/organization	Centro Tecnológico del Mar – Fundación CETMAR (acronym CETMAR)
Data set reference and name	Several sectors – Spain – Wholesale market price information in Spanish provinces
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Global Value Chain and Porter's Diamond Framework to assess competitive advantages

Comments on application (if any)	Cluster analysis or clustering will be addressed by grouping a set of objects/data in such a way that objects/data in the same group (called a cluster) are more similar (according different specifications) to each other than to those in other groups (clusters).

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	Qualitative analyses; focus on the Strengths, Weaknesses, Opportunities and Threats (SWOT) analysis to assess the main results from the stakeholder interactions but also through the revision of scientific and grey literature. Specifically, this analysis permits to examine and understand the internal and external factors that may favour or hamper the creation of shared value and develop comparative analysis (in combination with cluster analysis).
Link/reference to method application guidelines	Global value Chain; Ponte, Stefano. 2010. "An Analytical Framework for Global Value Chain (GVC) Analysis." SEAT Workshop Bangkok, Bangkok, 14 January 2010 Stefano, no. Danish Institute for International Studies (DIIS). Smit, A J. 2010. "The Competitive Advantage of Nations : Is Porter ' S Diamond Framework a New Theory That Explains the International Competitiveness of Countries ?" Southern African Business Review Vol.14: 105–30.

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Name of project partner/organization	Centro Tecnológico del Mar – Fundación CETMAR (acronym CETMAR)
Data set reference and name	Several sectors – Spain – Retail price information on food products in Spanish provinces
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Global Value Chain and Porter's Diamond Framework to assess competitive advantages

Comments on application (if any)	Cluster analysis or clustering will be addressed by grouping a set of objects/data in such a way that objects/data in the same group (called a cluster) are more similar (according different specifications) to each other than to those in other groups (clusters).

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	Qualitative analyses; focus on the Strengths, Weaknesses, Opportunities and Threats (SWOT) analysis to assess the main results from the stakeholder interactions but also through the revision of scientific and grey literature. Specifically, this analysis permits to examine and understand the internal and external factors that may favour or hamper the creation of shared value and develop comparative analysis (in combination with cluster analysis).
Link/reference to method application guidelines	Global value Chain; Ponte, Stefano. 2010. "An Analytical Framework for Global Value Chain (GVC) Analysis." SEAT Workshop Bangkok, Bangkok, 14 January 2010 Stefano, no. Danish Institute for International Studies (DIIS). Smit, A J. 2010. "The Competitive Advantage of Nations : Is Porter ' S Diamond Framework a New Theory That Explains the International Competitiveness of Countries ?" Southern African Business Review Vol.14: 105–30.

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Name of project partner/organization	Centro Tecnológico del Mar – Fundación CETMAR (acronym CETMAR)
Data set reference and name	Aquaculture – Spain – Production-, establishment-, employment figures, 2002-2013
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Global Value Chain and Porter's Diamond Framework to assess competitive advantages

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Link/reference to method application guidelines	Global value Chain; Ponte, Stefano. 2010. "An Analytical Framework for Global Value Chain (GVC) Analysis." SEAT Workshop Bangkok, Bangkok, 14 January 2010 Stefano, no. Danish Institute for International Studies (DIIS). Smit, A J. 2010. "The Competitive Advantage of Nations : Is Porter ' S Diamond Framework a New Theory That Explains the International Competitiveness of Countries ?" Southern African Business Review Vol.14: 105–30.

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Name of project partner/organization	Centro Tecnológico del Mar – Fundación CETMAR (acronym CETMAR)
Data set reference and name	Several sectors – Spain – Key economic figures for the fishing fleet, 2004-2013
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Global Value Chain and Porter's Diamond Framework to assess competitive advantages

Comments on application (if any)	Cluster analysis or clustering will be addressed by grouping a set of objects/data in such a way that objects/data in the same group (called a cluster) are more similar (according different specifications) to each other than to those in other groups (clusters).

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	Qualitative analyses; focus on the Strengths, Weaknesses, Opportunities and Threats (SWOT) analysis to assess the main results from the stakeholder interactions but also through the revision of scientific and grey literature. Specifically, this analysis permits to examine and understand the internal and external factors that may favour or hamper the creation of shared value and develop comparative analysis (in combination with cluster analysis).
Link/reference to method application guidelines	Global value Chain; Ponte, Stefano. 2010. "An Analytical Framework for Global Value Chain (GVC) Analysis." SEAT Workshop Bangkok, Bangkok, 14 January 2010 Stefano, no. Danish Institute for International Studies (DIIS). Smit, A J. 2010. "The Competitive Advantage of Nations : Is Porter ' S Diamond Framework a New Theory That Explains the International Competitiveness of Countries ?" Southern African Business Review Vol.14: 105–30.

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Name of project partner/organization	Centro Tecnológico del Mar – Fundación CETMAR (acronym CETMAR)
Data set reference and name	Several sectors – Spain – Statistics for the fishing fleet, 2006-2014
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Global Value Chain and Porter's Diamond Framework to assess competitive advantages

Comments on application (if any)	Cluster analysis or clustering will be addressed by grouping a set of objects/data in such a way that objects/data in the same group (called a cluster) are more similar (according different specifications) to each other than to those in other groups (clusters).

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Name of project partner/organization	Centro Tecnológico del Mar – Fundación CETMAR (acronym CETMAR)
Data set reference and name	Several sectors – Spain – Capture data for fishing vessels, 2004-2013
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☒ Multivariate analysis ☐ Regression ☐ Forecasting ☒ Qualitative analysis ☒ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☒ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☒ Literature review
	  ○ ☒ SWOT
	  ○ ☒ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify)
	Global Value Chain and Porter's Diamond Framework to assess competitive advantages

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Data Analysis Form – Template

Name of project partner/organization	
Data set reference and name	*<Must be the same as the name/reference used in deliverable 1.1 (Guidelines for data collection methods, data names and types, and granularity) or 1.2 (Data Management Plan)>*
Overall type of analysis method *<Check the box next to the different options. Choose "Other" if none are applicable>*	☐ Multivariate analysis ☐ Regression ☐ Forecasting ☐ Qualitative analysis ☐ Supply/Value chain analysis ☐ Other (please specify in the box below)

Specific type of name and method
 	
<Check the box next to the different options. Choose "Other" if none are applicable>
	• Multivariate analysis
	  ○ ☐ MANOVA
	  ○ ☐ Cluster
	  ○ ☐ Factor
	• Regression
	  ○ ☐ Linear
	  ○ ☐ Logistic
	  ○ ☐ Probit
	  ○ ☐ Polynomial
	  ○ ☐ Bayesian
	• Forecasting
	  ○ ☐ Horizon scanning
	  ○ ☐ Delphi
	  ○ ☐ Emerging issues
	  ○ ☐ Time series analysis
	• Qualitative analysis
	  ○ ☐ Literature review
	  ○ ☐ SWOT
	  ○ ☐ Qualitative comparative analysis
	  ○ ☐ Coding
	• Supply/Value chain analysis
	  ○ ☐ LCA
	  ○ ☐ Value stream mapping
	  ○ ☐ Agent-based modelling
	• Other (please specify in the box below)

Comments on application (if any)	
Link/reference to method application guidelines	*<Link or other reference to contemporary guidelines on the use of the methods>*