

University of Manchester Q-Step Summer Project 2018:

Ref: #20 UoMQStep Food Standards Agency Food Sector Resilience Modelling

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Organisation name: Food Standards Agency

Team/Department: Analytics Team

Address: 6th floor Clive House, 70 Petty France, London SW1H 9EX

Provisional title for project: Food Sector Resilience Modelling

Abstract:

The FSA is looking to develop a model to identify sectors in the UK food industry most at risk of experiencing financial and economic distress. Drawing on existing datasets, this project would look to identify potential drivers associated with economic resilience. The results would be used to develop a model for ranking sectors most vulnerable to economic shocks.

Data sources: Office of National Statistics (ONS), Department for Environment, Food and Rural Affairs (DEFRA).

Key words: Food, Regression, Economic Shocks, Resilience

Essential and desirable skills:

Essential: Some understanding of SPSS/ Stata/ Eviews/ R and analytical techniques (e.g. bi & multi-variate analysis, panel data analysis regression)

Desirable: Experience of using SPSS/ Stata/ Eviews/ R and analysis of data using a range of analytical techniques (e.g. bi & multi-variate analysis, panel data analysis, regression); an interest in the area of food; good written communication skills

Where the work will be carried out: FSA Offices, London

Preferred selection method: Interview/Telephone Interview

Support and training offered by the organisation:

On-going support will be available from a member of the FSA Economics Team who will introduce the data and placement requirements. Additional technical support will also be available from a member of the FSA Operational Research Team.

Supporting information: The Food Standards Agency (FSA) is an independent Government department set up by an Act of Parliament in 2000 to protect the public's health and consumer interests in relation to food.

Financial assistance offered by the organisation: None