

Meta-analysis and meta regressions: the cases of the agricultural, energy and the shipping sectors

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The general definition of a meta-analysis is a study of other studies.

There are different ways to carry out a meta-analysis.

- to carry out a literature review, i.e., a summary;
- to carry out a regression analysis, e.g., OLS.

The agricultural sector

- literature review;
- the data;
- estimation results

Cost effectiveness in the agricultural sector.

	NTM saving	NTM cost	TM cost
Variable	Estimate	Estimate	Estimate
Emission reduction	1.56 (6.49)	1.35 (13.98)	1.08 (7.16)
Adj R ²	0.73	0.89	0.89
N	14	23	41

Emission reduction	0.47	0.65	0.51
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The energy sector

- literature review;
- the data;
- estimation results

Cost effectiveness in the energy sector

Variable	NTM saving Estimate	(NTM cost) (Estimate)	TM cost Estimate
Emission reduction	0.98 (29.56)	0.71 (4.42)	0.96 (11.47)
Adj R ²	0.96	0.65	0.70
N	31	(9)	53

Emission reduction 0.98 0.95 0.73

The shipping sector

- literature review;
- the data;
- description

