

1 Table A1: Definition of variables

Variable	Type	Definition
<i>Treatment Variable</i>		
Participation Animal welfare programmes (AWPs)	Dummy	=1 if participation in Animal welfare programmes; = 0 if otherwise
<i>Outcome variables</i>		
Economic success	Factor	Factor describing the economic success from farmer's point of view
"I am satisfied with the overall operational situation of my farm."	5 Point Likert Scale	=+2 if fully agree - =-2 if fully disagree
"I can generate a satisfying profit through the work on my farm."	5 Point Likert Scale	=+2 if fully agree - =-2 if fully disagree
"I can always meet my financial obligations on time."	5 Point Likert Scale	=+2 if fully agree - =-2 if fully disagree
"The long-term payment security of my farm is ensured."	5 Point Likert Scale	=+2 if fully agree - =-2 if fully disagree
"I can earn equity capital from farming." (EC)	5 Point Likert Scale	=+2 if fully agree - =-2 if fully disagree
<i>Personal characteristics</i>		
Gender	Dummy	=1 if female; = 0 if male
Age in years	Continuous	
Education		
Low educational level	Dummy	=1 if farmer has low educational level (School leaving certificate)
Medium educational level	Dummy	=1 if farmer has medium educational level (secondary school certificate)
High educational level	Dummy	=1 if farmer has high educational level (High school graduation)
Very high educational level (university degree)	Dummy	=1 if farmer holds university degree
Other educational level	Dummy	=1 if farmer has other educational level
<i>Farm characteristics</i>		
Place of residence		
Northern Germany	Dummy	=1 if farmer lives in Northern Germany
Western Germany	Dummy	=1 if farmer lives in Western Germany
Eastern Germany	Dummy	=1 if farmer lives in Eastern Germany

Southern Germany	Dummy	=1 if farmer lives in Southern Germany
Main source of income	Dummy	=1 if farm is main source of income
Farm size		
0-49 hectares	Dummy	=1 if farm has 0-50 hectares
50-99 hectares	Dummy	=1 if farm has 51-100 hectares
100-199 hectares	Dummy	=1 if farm has 101-200 hectares
≥200 hectares	Dummy	=1 if farm has more than 200 hectares
Type of animals kept		
Laying hens	Dummy	=1 if farm keeps laying hens
Broilers	Dummy	=1 if farm keeps broilers
Turkeys	Dummy	=1 if farm keeps turkeys
Dairy cows	Dummy	=1 if farm keeps dairy cows
Beef cattle	Dummy	=1 if farm keeps beef cattle
Sows and piglets	Dummy	=1 if farm keeps sows and piglets
Porkers	Dummy	=1 if farm keeps porkers
Other animals	Dummy	=1 if farm keeps other animals than named above
Farm continuation in next generation		
Farm will be continued in next generation	Dummy	=1 if continuation of farm in next generation is ensured
Continuation of farm in next generation unclear	Dummy	=1 if continuation of farm in next generation remains unclear
Farm will not be continued in next generation	Dummy	=1 if farm will not be continued in next generation

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