

Agricultural and Food Economics appendix for “Does the future of a farm depend on its neighbourhood ?
Evidence on intra-family succession among fruit and vegetables farms in Italy”

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The material contained herein is supplementary to the article named in the title and submitted to
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Annex 1 -Robustness Check across different specifications ^{1,2}

	Farm and farmer variables; No labour market and surrounding condition (LMSC) variables			Farm and farmer variables; LMSC variables in linear form	Farm and farmer variables; LMSC variables in non-linear form		
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
Farmer age	0.0099	-0.1240	0.0121	0.0118	0.0124	0.0116	-0.1481 *
Farmer age_sq	-	0.0011	-	-	-	-	0.0013 *
Farmer degree	-0.9124 ***	-0.8303 ***	-0.9126 ***	-0.9698 ***	-0.9708 ***	-1.0063 ***	-0.8957 ***
Farmer children	0.1190	0.0556	0.0372	0.0920	0.1239 *	0.1391 **	0.1379 **
Turnover_250	-0.374 **	-0.3265 *	-0.3030 *	-0.3309 *	-0.3486 **	-0.3422 *	-0.3785 **
Farm duration	0.0100 ***	0.0100 ***	0.0116 ***	0.0108 ***	0.0109 ***	0.0107 ***	0.0100 ***
RPFV farm	0.8203 **	0.6697 **	0.8196 **	0.4348	0.9513 ***	0.9665 ***	0.8985 ***
Fruit farm	-1.2764 ***	-1.3736 ***	-1.3773 ***	-1.2117 **	-1.1457 **	-1.1327 **	-1.1348 **
Emplwork	-0.007 *	-0.0096 **	-0.0108 ***	-0.0113 **	-0.0107 **	-0.0104 **	-0.0104 *
Workdays	0.0002	0.0008 ***	0.0007 **	0.0006 **	0.0006 **	0.0007 **	0.0007 **
Workdays_sq	-	0.0000**	0.0000 **	0.0000*	0.0000 *	0.0000 **	0.0000 **
Distance	0.0001	-0.0001	0.0080 **	-0.0004	0.0036	-0.0006 ***	-0.0008 ***
Distance_sq	-	-	0.0000 **	-	0.0000	-	-
Popdens	-	-	-	0.0000	-0.0036 ***	-0.0038 ***	-0.0036 ***
Popdens_sq	-	-	-	-	0.0000 ***	0.0000 ***	0.0000 ***
Empl	-	-	-	0.0164	2.3788 **	2.3384 **	2.7195 ***
Empl_sq	-	-	-	-	-0.0211 **	-0.0211 **	-0.025 ***
Agrshare	-	-	-	-11.2887 ***	-3.6224	-5.6309 *	-4.8662
Incgap	-	-	-	0.1382 ***	-1.4266 **	-1.3579 **	-1.3349 ***
Incgap_sq	-	-	-	-	0.0352 **	0.0340 ***	0.0335 ***
Hills	0.8377	0.7486	0.7892	1.9286 ***	2.1387 ***	2.2488 ***	2.3695 ***
Mountain	1.1368 **	1.3484 ***	1.4278 ***	-1.1795	-11.122 ***	-11.0988 ***	-10.8799 ***
Campania	0.3890	0.3718	0.6311 *	1.0965	7.171 ***	6.5869 ***	7.0349 ***
Piemonte	-0.6577 ***	-0.6086 ***	-1.291 ***	-2.2433 ***	-7.4575 ***	-7.1661 ***	-7.0410 ***
Veneto	0.8861 *	1.0265 **	0.1133	2.6116 ***	1.0059	1.6412 **	1.6324 **
Emilia-Romagna	0.1709	0.3448	-0.0911	0.5548	-1.4456	-1.0919	-0.9747
Constant	-1.4302 **	2.2064	-1.8808 ***	-5.0828	-53.4585 **	-51.9923 **	-57.224 **

N obs	259	259	259	259	259	259	259
Pseudo R2	20%	22%	23%	26%	29%	29%	30%

¹ : *, ** and ***, denote significance at 10%, 5% and 1% respectively

²: The parameter estimates whose sign and significance are stable across different specifications are presented in bold

Annex 2 - Post-estimation statistics for comparison of the 7 estimated models

	Farm and farmer variables; No labour market and surrounding condition (LMSC) variables			Farm and farmer variables; LMSC variables in linear form	Farm and farmer variables; LMSC variables in non-linear form		
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
Pseudo R2	20%	22%	23%	26%	29%	29%	30%
Sensitivity	60%	62%	65%	62%	63%	62%	65%
Specificity	85%	83%	82%	83%	87%	87%	87%
Correctly classified	74%	74%	75%	74%	76%	76%	77%
AIC	317	314	312	306	299	298	295
BIC	378	382	379	384	388	383	380