Appendix

Table A1.1 Overview of risk management strategies included in the survey

Flexibility of farm activities	Cooperation with others	Financial risk management	Measures to control environmental risks	Specialization	Diversification	Learning
Improved cost flexibility	Had access to a variety of input suppliers	Bought any type of agricultural insurance	Invested in technologies	Specialization	Diversified in production	Opened up my farm to the public
Improved flexibility in the timing of my production	Member of an (inter)branch organization	Used production or marketing contracts to sell (part of) my production	Implemented measures to prevent pests or diseases		Diversified in other activities on my farm	Used market information to plan my farm activities for the next season
Worked harder to secure production in hard times	Member of a producer organization, cooperative or credit union	Hedged (part of) my production with futures contracts			Had an off-farm job	Learned about challenges in agriculture
	Cooperated with other farmers to secure inputs or production	Maintained financial savings for hard times				Experimenting with precision agriculture, smart farming or drones.
		Had low debts or no debts at all to prevent financial risks				

Table A1.2 Item reliability, internal validity reliability, convergent validity and VIFs of the reflective indicators (full model)

	Outer loadings			Cronbach's alpha			Composite reliability			AVE			VIF		
	All	Low	High	All	Low	High	All	Low	High	All	Low	High	All	Low	High
ADAP				0.760	0.782	0.746	0.848	0.859	0.840	0.589	0.610	0.575	1.758	2.010	1.640
adap_1	0.715	0.711	0.718												
adap_2	0.875	0.881	0.874												
adap_3	0.870	0.894	0.856												
adap_4	0.566	0.600	0.538												
INNO				0.856	0.851	0.858	0.932	0.930	0.933	0.873	0.869	0.875	1.620	1.652	1.586
inno_1	0.944	0.948	0.941												
inno_2	0.925	0.916	0.930												
NET INF				0.774	0.792	0.765	0.869	0.877	0.862	0.689	0.706	0.675	1.527	1.391	1.636
net_1	0.808	0.846	0.788												
net_2	0.891	0.933	0.858												
net_3	0.786	0.731	0.818												
NET FOR				0.813	0.768	0.831	0.888	0.866	0.897	0.726	0.684	0.744	1.777	1.646	1.879
net_4	0.838	0.853	0.833												
net_5	0.864	0.852	0.870												
net_6	0.854	0.774	0.884												
PBC				0.646	0.648	0.643	0.792	0.794	0.789	0.495	0.506	0.488	1.406	1.415	1.404
pbc_1	0.827	0.837	0.829												
pbc_2	0.695	0.746	0.658												
pbc_3	0.743	0.780	0.722												
pbc_4	0.510	0.398	0.557												
ROB				0.576	0.520	0.599	0.762	0.717	0.775	0.484	0.476	0.487	1.323	1.340	1.309
rob_1	0.792	0.796	0.779												
rob_2	0.180	-0.083	0.294												
rob_3	0.771	0.797	0.752												
rob_4	0.827	0.792	0.831												
TRANS				0.715	0.725	0.703	0.828	0.830	0.823	0.582	0.593	0.572	1.705	2.071	1.554
trans_1	0.840	0.881	0.811												
trans_2	0.227	0.173	0.240												
trans_3	0.880	0.867	0.886												
trans_4	0.894	0.903	0.886												

Table A1.3. HTMT confidence intervals (reduced model)

		ADAP	*INNO*	*NET FOR*	*NET INF*	*PBC*	*RM*	*ROB*
INNO	All	[0.387; 0.535]						
	Low	[0.300; 0.536]						
	High	[0.383; 0.568]						
NET FOR	All	[0.303; 0.479]	[0.358; 0.505]					
	Low	[0.326; 0.595]	[0.241; 0.503]					
	High	[0.241; 0.462]	[0.366; 0.539]					
NET INF	All	[0.185; 0.366]	[0.154; 0.328]	[0.663; 0.786]				
	Low	[0.174; 0.421]	[0.062; 0.312]	[0.549; 0.767]				
	High	[0.151; 0.368]	[0.179; 0.379]	[0.691; 0.837]				
PBC	All	[0.572; 0.717]	[0.405; 0.577]	[0.355; 0.527]	[0.260; 0.447]			
	Low	[0.514; 0.764]	[0.330; 0.604]	[0.343; 0.605]	[0.168; 0.470]			
	High	[0.545; 0.735]	[0.387; 0.605]	[0.310; 0.534]	[0.254; 0.489]			
RM	All	[0.127; 0.274]	[0.197; 0.326]	[0.239; 0.371]	[0.114; 0.259]	[0.061; 0.194]		
	Low	[0.112; 0.349]	[0.168; 0.382]	[0.241; 0.461]	[0.084; 0.300]	[0.074; 0.314]		
	High	[0.092; 0.280]	[0.172; 0.333]	[0.206; 0.368]	[0.102; 0.278]	[0.038; 0.152]		
ROB	All	[0.490; 0.642]	[0.132; 0.306]	[0.190; 0.373]	[0.091; 0.256]	[0.455; 0.629]	[0.011; 0.095]	
	Low	[0.438; 0.713]	[0.096; 0.342]	[0.098; 0.367]	[0.088; 0.337]	[0.377; 0.684]	[0.008; 0.096]	
	High	[0.458; 0.649]	[0.103; 0.322]	[0.176; 0.408]	[0.076; 0.247]	[0.443; 0.657]	[0.006; 0.090]	
TRANS	All	[0.693; 0.807]	[0.268; 0.429]	[0.215; 0.383]	[0.093; 0.266]	[0.522; 0.676]	[0.021; 0.154]	[0.453; 0.609]
	Low	[0.766; 0.893]	[0.153; 0.427]	[0.194; 0.472]	[0.113; 0.368]	[0.497; 0.746]	[0.037; 0.242]	[0.468; 0.712]
	High	[0.617; 0.786]	[0.273; 0.461]	[0.167; 0.381]	[0.056; 0.239]	[0.469; 0.673]	[0.011; 0.135]	[0.382; 0.588]

Notes: The numbers in squared brackets present the 95% bias-corrected and accelerated confidence interval of the HTMT statistics. 4,000 bootstrapping samples were used with the no sign changes option.

Table A1.4 Formative item validity assessment (reduced model)

	Outer weight	St dev	Outer weight	St dev	Outer weight	St dev	Outer loadings			VIF		
	All	All	Low	Low	High	High	All	Low	High	All	Low	High
RM										1.140	1.160	1.142
RISK PREF										1.545	1.619	1.514
riskpref_1	-0.021	0.086	-0.035	0.161	-0.024	0.118	0.581	0.609	0.552	1.638	1.742	1.588
riskpref_2	0.561***	0.076	0.537***	0.115	0.609***	0.094	0.845	0.824	0.867	1.349	1.331	1.356
riskpref_3	0.462***	0.090	0.474***	0.152	0.470***	0.116	0.814	0.826	0.799	1.872	1.937	1.832
riskpref_4	0.220**	0.097	0.251*	0.147	0.157	0.116	0.737	0.750	0.701	1.731	1.772	1.715
RISK PERC										1.100	1.121	1.117
RISK PERC_1										1.637	1.449	1.637
riskperc_1	0.460***	0.069	0.422***	0.152	0.462***	0.079	0.865	0.850	0.865	1.650	1.664	1.643
riskperc_2	0.645***	0.063	0.679***	0.136	0.644***	0.072	0.934	0.945	0.933	1.650	1.664	1.643
RISK PERC_2										1.581	1.837	1.581
riskperc_3	0.574***	0.057	0.546***	0.104	0.570***	0.074	0.856	0.856	0.847	1.631	1.769	1.608
riskperc_4	0.589***	0.056	0.603***	0.101	0.599***	0.071	0.864	0.884	0.863	1.683	1.779	1.729
RISK PERC_3										1.743	1.735	1.743
riskperc_5	0.632***	0.045	0.710***	0.079	0.611***	0.057	0.894	0.938	0.877	1.665	1.946	1.719
riskperc_6	0.519***	0.049	0.415***	0.093	0.549***	0.059	0.838	0.806	0.846	1.775	1.838	1.654
RISK PERC_4										1.388	1.367	1.388
riskperc_7	0.708***	0.056	0.787***	0.093	0.690***	0.073	0.900	0.928	0.899	1.411	1.385	1.462
riskperc_8	0.477***	0.066	0.398***	0.125	0.486***	0.085	0.761	0.678	0.782	1.566	1.321	1.419
RISK PERC_5										1.236	1.330	1.236
riskperc_9	0.483***	0.083	0.480***	0.156	0.496***	0.131	0.824	0.810	0.837	1.510	1.539	1.531
riskperc_10	0.661***	0.075	0.673***	0.139	0.645***	0.119	0.910	0.908	0.907	1.566	1.562	1.674
RISK PERC_6										1.256		
riskperc_11	0.710***	0.122					0.873			1.305		
riskperc_12	0.515***	0.135					0.739			1.425		
RISK PERC_7										1.466	1.579	1.466
riskperc_14	0.721***	0.053	0.745***	0.083	0.677***	0.069	0.897	0.919	0.861	1.460	1.710	1.376

riskperc_15	0.476***	0.064	0.430***	0.105	0.540***	0.076	0.742	0.732	0.772	1.456	1.684	1.430
RISK PERC_8										1.402	1.348	1.402
riskperc_16	0.622***	0.126	0.597***	0.212	0.626***	0.175	0.979	0.969	0.983	4.308	3.630	4.941
riskperc_17	0.411***	0.129	0.446**	0.219	0.402**	0.179	0.952	0.944	0.958	4.265	3.560	4.885
RES												
res_1	0.591***	0.079	0.442***	0.149	0.670***	0.096	0.935	0.898	0.953	1.938	2.080	1.873
res_2	0.495***	0.080	0.634***	0.137	0.415***	0.105	0.906	0.952	0.872	1.938	2.080	1.873

Notes: outer weights and outer loadings of the risk perceptions items loading on the second order construct *RISK PERC* have been omitted for brevity. * p≤0.10; ** p≤0.05; *** p≤0.01

Table A1.1. R^2 and Q^2 values of the structural model

	R^2			Q^2		
	All	Low	High	All	Low	High
ADAP	0.334	0.365	0.327	0.219	0.230	0.210
PBC	0.012	0.030	0.006	0.006	0.016	0.002
RES	0.250	0.288	0.233	0.198	0.226	0.178
RISK PERC	1.000	1.000	1.000	0.292	0.330	0.312
RISK PREF	0.056	0.051	0.064	0.026	0.024	0.027
ROB	0.186	0.193	0.194	0.110	0.098	0.113
TRANS	0.282	0.300	0.271	0.202	0.197	0.188

Table A1.6. f^2 statistics of the structural model

		ADAP	***PBC***	***RES***	***RISK PREF***	***ROB***	***TRANS***
ADAP	All			0.041			
ADAP	Low			0.056			
ADAP	High			0.032			
INNO	All	0.010				0.001	0.000
INNO	Low	0.003				0.005	0.002
INNO	High	0.016				0.001	0.002
NET FOR	All	0.004				0.006	0.003
NET FOR	Low	0.018				0.000	0.003
NET FOR	High	0.001				0.015	0.004
NET INF	All	0.001				0.000	0.000
NET INF	Low	0.004				0.004	0.003
NET INF	High	0.000				0.002	0.004
PBC	All	0.152				0.112	0.152
PBC	Low	0.169				0.113	0.183
PBC	High	0.140				0.112	0.136
RISK PERC	All	0.001				0.011	0.003
RISK PERC	Low	0.000				0.000	0.004
RISK PERC	High	0.005				0.022	0.002
RISK PREF	All	0.024				0.007	0.041
RISK PREF	Low	0.019				0.032	0.036
RISK PREF	High	0.026				0.001	0.041
RM	All	0.004	0.012		0.060	0.000	0.001
RM	Low	0.003	0.031		0.053	0.002	0.000
RM	High	0.004	0.006		0.068	0.000	0.002
ROB	All			0.073			
ROB	Low			0.063			
ROB	High			0.085			
TRANS	All			0.010			
TRANS	Low			0.009			
TRANS	High			0.010			

Table A1.7. q^2 statistics of the structural model

		ADAP	***RES***	***ROB***	***TRANS***
ADAP	All		0.030		
ADAP	Low		0.005		
ADAP	High		0.005		
INNO	All	0.005		0.000	-0.001
INNO	Low	-0.015		0.015	-0.007
INNO	High	0.020		-0.005	0.017
NET FOR	All	0.001		0.002	0.002
NET FOR	Low	-0.010		0.012	0.006
NET FOR	High	0.012		0.003	0.019
NET INF	All	0.000		-0.001	0.000
NET INF	Low	-0.013		0.013	0.005
NET INF	High	0.012		-0.004	0.018
PBC	All	0.085		0.062	0.099
PBC	Low	0.086		0.079	0.130
PBC	High	0.092		0.058	0.106
RISK PERC	All	0.000		0.006	0.002
RISK PERC	Low	-0.022		0.004	0.003
RISK PERC	High	0.014		0.008	0.019
RISK PREF	All	0.013		0.003	0.026
RISK PREF	Low	-0.007		0.029	0.022
RISK PREF	High	0.025		-0.006	0.043
RM	All	0.003		0.000	0.000
RM	Low	-0.015		0.011	0.001
RM	High	0.014		-0.005	0.017
ROB	All		0.052		
ROB	Low		0.008		
ROB	High		0.081		
TRANS	All		0.007		
TRANS	Low		-0.032		
TRANS	High		0.033		

Table A1.8. Compositional invariance assessment

	Original Correlation	5.0%	Permutation p-Values
ADAP	0.999	0.998	0.309
INNO	1.000	0.998	0.487
NET FOR	0.997	0.994	0.182
NET INF	0.986	0.968	0.209
PBC	1.000	0.996	0.787
RES	0.985	0.967	0.180
RISK PERC	0.990	0.990	0.067
RISK PERC_1	0.999	0.973	0.710
RISK PERC_2	1.000	0.973	0.966
RISK PERC_3	0.985	0.984	0.062
RISK PERC_4	0.994	0.963	0.437
RISK PERC_5	1.000	0.951	0.886
RISK PERC_6	0.801	0.820	0.040**
RISK PERC_7	0.987	0.963	0.241
RISK PERC_8	1.000	0.964	0.847
RISK PREF	0.994	0.917	0.910
RM	1.000	1.000	0.405
ROB	0.998	0.994	0.314
TRANS	0.999	0.999	0.060

Notes:* $p \leq 0.10$; ** $p \leq 0.05$; *** $p \leq 0.01$.

Table A1.9. Equal means and variance assessments

	Mean - Original Difference	Mean - Permutation Mean Difference	Permutation p-Values	Variance - Original Difference	Variance - Permutation Mean Difference	Permutation p-Values
ADAP	0.079	0.000	0.257	0.076	-0.001	0.413
INNO	0.189	0.002	0.004***	-0.008	-0.001	0.925
NET FOR	0.146	0.000	0.032**	-0.277	-0.003	0.003***
NET INF	0.021	0.000	0.757	0.089	-0.005	0.382
PBC	0.169	0.001	0.011**	0.052	-0.002	0.590
RES	0.092	0.000	0.179	-0.004	-0.001	0.968
RISK PERC	-0.166	0.001	0.017**	0.010	-0.001	0.938
RISK PERC_1	-0.029	0.001	0.665	-0.099	-0.001	0.297
RISK PERC_2	-0.134	0.000	0.051*	0.015	-0.002	0.872
RISK PERC_3	-0.130	0.001	0.059*	0.012	-0.003	0.902
RISK PERC_4	-0.076	0.001	0.260	-0.129	-0.001	0.108
RISK PERC_5	-0.019	0.003	0.787	-0.049	-0.001	0.589
RISK PERC_7	-0.236	-0.001	0.001***	0.130	-0.003	0.207
RISK PERC_8	-0.121	0.000	0.084	-0.088	-0.002	0.314
RISK PREF	0.225	0.002	0.001***	-0.110	-0.004	0.266
RM	-0.056	0.000	0.416	0.017	-0.002	0.834
ROB	0.185	0.001	0.009***	-0.204	-0.006	0.039**
TRANS	0.260	0.002	0.001***	0.088	-0.004	0.293

Notes:* $p \leq 0.10$; ** $p \leq 0.05$; *** $p \leq 0.01$.

Table A1.10. Path coefficients including domain-specific risk perceptions of the PLS-SEM. RP FIN = risk perception in the financial domain, RP INST = risk perception in the institutional domain, RP PERS = risk perception in the personal and personnel domain, RP INPUT = risk perception in the input price domain, RP MARKET = risk perception in the market price domain, RP PROD = risk perception in the production domian RP SC = risk perception in the supply chain domain, RP SOC = risk perception in the social domain.

	Direct effects				Total effects			
	All (N = 916)	Low (N = 329)	High (N = 587)	Difference (Low-High)	All (N = 916)	Low (N = 329)	High (N = 587)	Difference (Low-High)
Risk behavior								
RM → RISK PREF	0.237***	0.225***	0.253***	-0.027	0.237***	0.225***	0.253***	-0.027
	(0.033)	(0.055)	(0.042)		(0.033)	(0.055)	(0.042)	
RM → PBC	0.109***	0.174***	0.076*	0.098	0.109***	0.174***	0.076*	0.098
	(0.034)	(0.055)	(0.043)		(0.034)	(0.055)	(0.043)	
PBC → RISK PERC	-0.141***	-0.132	-0.143***	0.011	-0.141***	-0.132	-0.143***	0.011
	(0.044)	(0.088)	(0.051)		(0.044)	(0.088)	(0.051)	
PBC → RP FIN	-0.085**	-0.189***	-0.029	-0.106**	-0.085**	-0.189***	-0.029	-0.160**
	(0.039)	(0.072)	(0.046)		(0.039)	(0.072)	(0.046)	
PBC → RP INST	-0.167***	-0.102	-0.205***	0.102	-0.167***	-0.102	-0.205***	0.102
	(0.040)	(0.074)	(0.045)		(0.040)	(0.074)	(0.045)	
PBC → RP PERS	-0.060				-0.060			
	(0.047)				(0.047)			
PBC → RP INPUT	-0.027	0.020	-0.049	0.069	-0.027	0.020	-0.049	0.069
	(0.040)	(0.074)	(0.050)		(0.040)	(0.074)	(0.050)	
PBC → RP MARKET	-0.044	-0.062	-0.031	-0.031	-0.044	-0.062	-0.031	-0.031

	(0.044)	(0.087)	(0.051)		(0.044)	(0.087)	(0.051)	
PBC → RP PROD	-0.042	0.003	-0.067	0.070	-0.042	0.003	-0.067	0.070
	(0.041)	(0.076)	(0.051)		(0.041)	(0.076)	(0.051)	
PBC → RP SC	-0.149***	-0.186**	-0.125***	-0.060	-0.149***	-0.186**	-0.125***	-0.060
	(0.041)	(0.075)	(0.048)		(0.041)	(0.075)	(0.048)	
PBC → RP SOC	-0.139***	-0.115	-0.158***	0.042	-0.139***	-0.115	-0.158***	0.042
	(0.039)	(0.078)	(0.045)		(0.039)	(0.078)	(0.045)	
RISK PREF → RISK PERC	0.082*	0.209***	-0.007	0.217**	0.082*	0.209***	-0.007	0.217**
	(0.047)	(0.076)	(0.054)		(0.047)	(0.076)	(0.054)	
RISK PREF → RP FIN	0.114***	0.274***	0.040	0.234***	0.114***	0.274***	0.040	0.234***
	(0.041)	(0.076)	(0.049)		(0.041)	(0.076)	(0.049)	
RISK PREF → RP INST	-0.028	0.024	-0.044	0.068	-0.028	0.024	-0.044	0.068
	(0.042)	(0.076)	(0.052)		(0.042)	(0.076)	(0.052)	
RISK PREF → RP PERS	0.154***				0.154***			
	(0.048)				(0.048)			
RISK PREF → RP INPUT	0.072*	0.125*	0.041	0.084	0.072*	0.125*	0.041	0.084
	(0.041)	(0.070)	(0.051)		(0.041)	(0.070)	(0.051)	
RISK PREF → RP MARKET	0.008	0.163**	-0.068	0.231**	0.008	0.163**	-0.068	0.231**
	(0.044)	(0.072)	(0.053)		(0.044)	(0.072)	(0.053)	
RISK PREF → RP PROD	0.027	0.068	0.001	0.067	0.027	0.068	0.001	0.067

	(0.041)	(0.070)	(0.055)		(0.041)	(0.070)	(0.055)	
RISK PREF → RP SC	0.104**	0.227***	0.046	0.182**	0.104**	0.227***	0.046	0.182**
	(0.043)	(0.065)	(0.054)		(0.043)	(0.065)	(0.054)	
RISK PREF → RP SOC	-0.005	0.121	-0.059	0.180**	-0.005	0.121	-0.059	0.180**
	(0.043)	(0.076)	(0.052)		(0.043)	(0.076)	(0.052)	
RM → RISK PERC	0.162***	0.145**	0.149***	-0.004	0.162***	0.145**	0.149***	-0.004
	(0.036)	(0.060)	(0.045)		(0.036)	(0.060)	(0.045)	
RM → RP FIN	0.049	-0.047	0.104**	-0.151**	0.067*	-0.019	0.112**	-0.131*
	(0.034)	(0.053)	(0.045)		(0.034)	(0.055)	(0.045)	
RM → RP INST	0.117***	0.144**	0.088**	0.056	0.093***	0.131**	0.062	0.070
	(0.034)	(0.059)	(0.040)		(0.035)	(0.058)	(0.042)	
RM → RP PERS	0.120***				0.150***			
	(0.038)				(0.042)			
RM → RP INPUT	0.065*	0.019	0.088**	-0.069	0.079**	0.051	0.095**	-0.044
	(0.034)	(0.059)	(0.042)		(0.034)	(0.059)	(0.042)	
RM → RP MARKET	0.129***	0.093	0.147***	-0.054	0.126***	0.119**	0.128***	-0.009
	(0.034)	(0.057)	(0.041)		(0.034)	(0.059)	(0.042)	
RM → RP PROD	0.151***	0.164***	0.142***	0.021	0.153***	0.179***	0.138***	0.042
	(0.034)	(0.057)	(0.043)		(0.034)	(0.056)	(0.043)	
RM → RP SC	0.129***	0.090	0.149***	-0.059	0.138***	0.109**	0.151***	-0.042

	(0.034)	(0.055)	(0.044)		(0.034)	(0.055)	(0.044)	
RM → RP SOC	0.061*	0.094*	0.038	0.056	0.044	0.101*	0.011	0.090
	(0.034)	(0.055)	(0.044)		(0.035)	(0.054)	(0.046)	
RP FIN → RISK PERC	0.195***	0.175***	0.211***	-0.036*	0.195***	0.175***	0.211***	-0.036*
	(0.009)	(0.018)	(0.012)		(0.009)	(0.018)	(0.012)	
RP INST → RISK PERC	0.206***	0.224***	0.221***	0.003	0.206***	0.224***	0.221***	0.003
	(0.011)	(0.020)	(0.014)		(0.011)	(0.020)	(0.014)	
RP PERS → RISK PERC	0.144***				0.144***			
	(0.013)				(0.013)			
RP INPUT → RISK PERC	0.203***	0.213***	0.221***	-0.008	0.203***	0.213***	0.221***	-0.008
	(0.009)	(0.016)	(0.012)		(0.009)	(0.016)	(0.012)	
RP MARKET → RISK PERC	0.218***	0.247***	0.228***	0.019	0.218***	0.247***	0.228***	0.019
	(0.008)	(0.013)	(0.012)		(0.008)	(0.013)	(0.012)	
RP PROD → RISK PERC	0.160***	0.189***	0.150***	0.039	0.160***	0.189***	0.150***	0.039
	(0.010)	(0.020)	(0.016)		(0.010)	(0.020)	(0.016)	
RP SC → RISK PERC	0.232***	0.236***	0.258***	-0.022	0.232***	0.236***	0.258***	-0.022
	(0.008)	(0.012)	(0.011)		(0.008)	(0.012)	(0.011)	
RP SOC → RISK PERC	0.183***	0.188***	0.201***	-0.013	0.183***	0.188***	0.201***	-0.013
	(0.010)	(0.015)	(0.014)		(0.010)	(0.015)	(0.014)	

Robustness								
RISK PERC → ROB	-0.098**	-0.002	-0.139***	0.138*	-0.098**	-0.002	-0.139***	0.138*
	(0.039)	(0.074)	(0.045)		(0.039)	(0.074)	(0.045)	
RP FIN → ROB					-0.019**	0.000	-0.029***	0.029*
					(0.008)	(0.013)	(0.010)	
RP INST → ROB					-0.020**	0.000	-0.031***	0.030
					(0.008)	(0.017)	(0.010)	
RP PERS → ROB					-0.014**			
					(0.006)			
RP INPUT → ROB					-0.020**	0.000	-0.031***	0.030*
					(0.008)	(0.016)	(0.010)	
RP MARKET → ROB					-0.021**	0.000	-0.032***	0.031*
					(0.008)	(0.018)	(0.010)	
RP PROD → ROB					-0.016***	0.000	-0.021***	0.021*
					(0.006)	(0.014)	(0.007)	
RP SC → ROB					-0.023**	0.000	-0.036***	0.036*
					(0.009)	(0.017)	(0.012)	
RP SOC → ROB					-0.018**	0.000	-0.028***	0.028*
					(0.007)	(0.014)	(0.009)	
RISK PREF → ROB	0.096**	0.205***	0.026	0.180**	0.088**	0.205***	0.027	0.178**

	(0.042)	(0.073)	(0.052)		(0.041)	(0.071)	(0.051)	
RM → ROB	-0.018	-0.045	0.005	-0.049	0.027	0.063	0.017	0.046
	(0.032)	(0.055)	(0.039)		(0.037)	(0.063)	(0.046)	
INNO → ROB	-0.044	-0.085	-0.036	-0.049	-0.044	-0.085	-0.036	-0.049
	(0.040)	(0.069)	(0.048)		(0.040)	(0.069)	(0.048)	
NET FOR → ROB	0.093**	-0.017	0.149***	-0.166*	0.093**	-0.017	0.149***	-0.166*
	(0.044)	(0.073)	(0.054)		(0.044)	(0.073)	(0.054)	
NET INF → ROB	-0.013	0.067	-0.049	0.116	-0.013	0.067	-0.049	0.116
	(0.038)	(0.061)	(0.051)		(0.038)	(0.061)	(0.051)	
PBC → ROB	0.351***	0.356***	0.350***	0.005	0.365***	0.356***	0.370***	-0.014
	(0.041)	(0.073)	(0.049)		(0.040)	(0.072)	(0.048)	
Adaptability								
RISK PERC → ADAP	-0.028	0.017	-0.059	0.076	-0.028	0.017	-0.059	0.076
	(0.033)	(0.057)	(0.041)		(0.033)	(0.057)	(0.041)	
RP FIN → ADAP					-0.006	0.003	-0.012	0.015
					(0.006)	(0.010)	(0.009)	
RP INST → ADAP					-0.006	0.004	-0.013	0.017
					(0.007)	(0.013)	(0.009)	
RP PERS → ADAP					-0.004			

					(0.005)			
RP INPUT → ADAP					-0.006	0.004	-0.013	0.017
					(0.007)	(0.012)	(0.009)	
RP MARKET → ADAP					-0.006	0.004	-0.013	0.018
					(0.007)	(0.014)	(0.009)	
RP PROD → ADAP					-0.005	0.003	-0.009	0.012
					(0.005)	(0.011)	(0.006)	
RP SC → ADAP					-0.007	0.004	-0.015	0.019
					(0.008)	(0.014)	(0.011)	
RP SOC → ADAP					-0.005	0.003	-0.012	0.015
					(0.006)	(0.011)	(0.008)	
RISK PREF → ADAP	0.156***	0.141**	0.164***	-0.022	0.153***	0.145**	0.164***	-0.019
	(0.039)	(0.063)	(0.049)		(0.039)	(0.062)	(0.049)	
RM → ADAP	0.057**	0.049	0.056	-0.008	0.130***	0.150***	0.116***	0.034
	(0.029)	(0.048)	(0.036)		(0.034)	(0.055)	(0.043)	
INNO → ADAP	0.106***	0.058	0.132***	-0.074	0.106***	0.058	0.132***	-0.074
	(0.038)	(0.066)	(0.047)		(0.038)	(0.066)	(0.047)	
NET FOR → ADAP	0.073*	0.136**	0.041	0.095	0.073*	0.136**	0.041	0.095
	(0.041)	(0.064)	(0.051)		(0.041)	(0.064)	(0.051)	
NET INF → ADAP	0.031	0.062	0.019	0.043	0.031	0.062	0.019	0.043

	(0.037)	(0.056)	(0.048)		(0.037)	(0.056)	(0.048)	
PBC → ADAP	0.371***	0.386***	0.358***	0.027	0.375***	0.383***	0.367***	0.017
	(0.037)	(0.060)	(0.047)		(0.037)	(0.059)	(0.046)	
Transformability								
RISK PERC → TRANS	-0.047	-0.054	-0.035	-0.018	-0.047	-0.054	-0.035	-0.018
	(0.036)	(0.057)	(0.046)		(0.036)	(0.057)	(0.046)	
RP FIN → TRANS					-0.009	-0.009	-0.007	-0.002
					(0.007)	(0.011)	(0.010)	
RP INST → TRANS					-0.010	-0.012	-0.008	-0.004
					(0.008)	(0.013)	(0.010)	
RP PERS → TRANS					-0.007			
					(0.005)			
RP INPUT → TRANS					-0.010	-0.011	-0.008	-0.004
					(0.007)	(0.012)	(0.010)	
RP MARKET → TRANS					-0.010	-0.013	-0.008	-0.005
					(0.008)	(0.014)	(0.010)	
RP PROD → TRANS					-0.008	-0.010	-0.005	-0.005
					(0.006)	(0.010)	(0.007)	
RP SC → TRANS					-0.011	-0.013	-0.009	-0.004

					(0.008)	(0.013)	(0.012)	
RP SOC → TRANS					-0.009	-0.010	-0.007	-0.003
					(0.007)	(0.011)	(0.009)	
RISK PREF → TRANS	0.212***	0.202***	0.212***	-0.010	0.209***	0.191***	0.212***	-0.022
	(0.044)	(0.068)	(0.055)		(0.044)	(0.067)	(0.055)	
RM → TRANS	-0.027	0.000	-0.045	0.046	0.057	0.112*	0.031	0.081
	(0.030)	(0.051)	(0.038)		(0.038)	(0.061)	(0.048)	
INNO → TRANS	0.012	-0.051	0.045	-0.096	0.012	-0.051	0.045	-0.096
	(0.047)	(0.072)	(0.058)		(0.047)	(0.072)	(0.058)	
NET FOR → TRANS	0.062	0.055	0.071	-0.016	0.062	0.055	0.071	-0.016
	(0.041)	(0.067)	(0.053)		(0.041)	(0.067)	(0.053)	
NET INF → TRANS	-0.020	0.050	-0.065	0.115	-0.020	0.050	-0.065	0.115
	(0.037)	(0.057)	(0.050)		(0.037)	(0.057)	(0.050)	
PBC → TRANS	0.385***	0.422***	0.367***	0.055	0.392***	0.429***	0.372***	0.057
	(0.038)	(0.065)	(0.048)		(0.038)	(0.063)	(0.049)	
Resilience								
ADAP → RES	0.230***	0.284***	0.200***	0.085	0.230***	0.284***	0.200***	0.085
	(0.046)	(0.070)	(0.057)		(0.046)	(0.070)	(0.057)	
ROB → RES	0.267***	0.245***	0.289***	-0.043	0.267***	0.245***	0.289***	-0.043

	(0.041)	(0.066)	(0.050)		(0.041)	(0.066)	(0.050)	
TRANS → RES	0.114**	0.113	0.108*	0.005	0.114**	0.113	0.108*	0.005
	(0.047)	(0.071)	(0.060)		(0.047)	(0.071)	(0.060)	
RISK PERC → RES					-0.038**	-0.001	-0.056**	0.054
					(0.018)	(0.035)	(0.022)	
RP FIN → RES					-0.007**	0.000	-0.012**	0.012
					(0.004)	(0.006)	(0.005)	
RP INST → RES					-0.008**	0.000	-0.012**	0.012
					(0.004)	(0.008)	(0.005)	
RP PERS → RES					-0.005**			
					(0.003)			
RP INPUT → RES					-0.008**	0.000	-0.012***	0.012
					(0.004)	(0.007)	(0.005)	
RP MARKET → RES					-0.008**	0.000	-0.013**	0.012
					(0.004)	(0.009)	(0.005)	
RP PROD → RES					-0.006**	0.000	-0.008**	0.008
					(0.003)	(0.007)	(0.003)	
RP SC → RES					-0.009**	0.000	-0.014**	0.014
					(0.004)	(0.008)	(0.006)	
RP SOC → RES					-0.007**	0.000	-0.011**	0.011

	(0.003)	(0.007)	(0.004)	
RISK PREF → RES	0.083***	0.113***	0.063**	0.050
	(0.021)	(0.035)	(0.027)	
RM → RES	0.043**	0.071**	0.031	0.039
	(0.019)	(0.034)	(0.024)	
INNO → RES	0.014	-0.010	0.021	-0.031
	(0.019)	(0.035)	(0.022)	
NET FOR → RES	0.049**	0.041	0.059**	-0.018
	(0.022)	(0.037)	(0.027)	
NET INF → RES	0.001	0.040	-0.017	0.057
	(0.018)	(0.029)	(0.024)	
PBC → RES	0.229***	0.245***	0.220***	0.025
	(0.024)	(0.047)	(0.026)	

Table A1.11. Summary statistics all farmers, *Low*, and *High*.

	All (*N* = 916)		Low (*N* = 329)		High (*N* = 587)	
	Mean	St dev	Mean	St dev	Mean	St dev
Risk behavior						
RM	3.98	1.35	3.94	1.36	4.01	1.35
RISK PERC						
RISK PERC_1						
riskperc_1	4.44	1.53	4.41	1.47	4.46	1.56
riskperc_2	4.16	1.47	4.14	1.43	4.17	1.49
RISK PERC_2						
riskperc_3	4.91	1.62	4.69	1.61	5.04***	1.62
riskperc_4	4.78	1.45	4.77	1.44	4.78	1.46
RISK PERC_3						
riskperc_5	4.93	1.70	4.70	1.73	5.06***	1.67
riskperc_6	4.02	1.54	4.03	1.46	4.02	1.59
RISK PERC_4						
riskperc_7	4.17	1.74	4.02	1.73	4.26**	1.75
riskperc_8	3.42	1.75	3.49	1.63	3.39	1.81
RISK PERC_5						
riskperc_9	4.50	1.61	4.52	1.61	4.49	1.61
riskperc_10	4.38	1.56	4.33	1.53	4.41	1.57
RISK PERC_6						
riskperc_11	3.71	1.95	3.77	1.99	3.67	1.92
riskperc_12	3.20	1.67	3.17	1.62	3.22	1.70
riskperc_13	3.68	1.99	3.62	1.97	3.72	2.00
RISK PERC_7						
riskperc_14	5.51	1.50	5.27	1.57	5.65***	1.45
riskperc_15	4.36	1.92	4.21	1.91	4.44*	1.93
RISK PERC_8						
riskperc_16	4.87	1.62	4.76	1.59	4.94	1.64
riskperc_17	4.84	1.69	4.71	1.66	4.92*	1.71
RISK PREF						
riskpref_1	4.08	1.49	4.18	1.43	4.03	1.53
riskpref_2	4.39	1.50	4.64	1.42	4.26***	1.52
riskpref_3	4.15	1.40	4.27	1.36	4.08**	1.42
riskpref_4	4.35	1.35	4.42	1.34	4.32	1.36
Resilience						
ROB						
rob_1	4.21	1.43	4.36	1.32	4.13**	1.48
rob_2	3.90	1.54	3.90	1.48	3.90	1.57
rob_3	4.44	1.47	4.55	1.42	4.38*	1.50
rob_4	4.02	1.53	4.18	1.43	3.94**	1.58
ADAP						
adap_1	3.97	1.71	4.05	1.78	3.93	1.66
adap_2	4.58	1.42	4.64	1.40	4.54	1.42
adap_3	4.65	1.37	4.71	1.40	4.61	1.36

adap_4	4.57	1.59	4.76	1.54	4.45***	1.61
TRANS						
trans_1	3.84	1.58	4.00	1.57	3.75**	1.57
trans_2	4.08	1.56	4.23	1.50	4.00**	1.58
trans_3	3.98	1.46	4.23	1.48	3.84***	1.44
trans_4	3.72	1.57	3.98	1.60	3.58***	1.53
RES						
res_1	4.87	1.47	4.98	1.43	4.81*	1.49
res_2	4.38	1.59	4.43	1.62	4.35	1.58
Control variables						
INNO						
inno_1	4.15	1.58	4.37	1.59	4.02***	1.56
inno_2	4.12	1.58	4.25	1.56	4.04*	1.59
NET INF						
net_1	5.62	1.31	5.60	1.33	5.63	1.30
net_2	4.98	1.47	4.93	1.48	5.01	1.46
net_3	4.28	1.52	4.39	1.57	4.21*	1.49
NET FOR						
net_4	5.09	1.35	5.14	1.26	5.07	1.39
net_5	4.56	1.49	4.69	1.40	4.48**	1.53
net_6	4.66	1.50	4.82	1.42	4.57**	1.54
PBC						
pbc_1	4.64	1.30	4.79	1.28	4.56**	1.30
pbc_2	4.78	1.43	4.87	1.39	4.73	1.45
pbc_3	3.96	1.45	4.07	1.49	3.90*	1.43
pbc_4	4.43	1.46	4.51	1.50	4.38	1.43

Notes: All items are measured on a 7-point Likert scale, except the diversity of risk management strategies (RM). This item is the count of different types of risk management strategies, ranging from 0 to 7. Significant differences between *Low* and *High* were tested using a t-test. * $p \leq 0.10$; ** $p \leq 0.05$; *** $p \leq 0.01$.