Online Supplementary Materials

Table A Test of balance in baseline characteristics before and after propensity score matching

							Before PSM			After PSM	
		Mean	S.E.				Contrast	t	P>|t|	Wald test F	P>|F|
Age wife (W)	T	37.90	0.86	CA	vs	T	-1.20	-0.98	0.33	0.00	0.98
	CA	36.71	0.87	CB	vs	T	-0.02	-0.01	0.99	0.88	0.35
	CB	37.89	1.43	CB	vs	CA	1.18	0.70	0.48	0.38	0.54
	CC	36.00	1.39	CC	vs	CA	-0.71	-0.43	0.67	0.01	0.94
				CC	vs	CB	-1.89	-0.94	0.35	0.00	0.97
Age husband (HB)	T	44.28	1.00	CA	vs	T	-0.95	-0.67	0.51	0.00	0.97
	CA	43.33	1.01	CB	vs	T	-0.34	-0.17	0.86	0.75	0.39
	CB	43.94	1.67	CB	vs	CA	0.61	0.31	0.75	0.22	0.64
	CC	42.66	1.62	CC	vs	CA	-0.67	-0.35	0.73	0.01	0.92
				CC	vs	CB	-1.28	-0.55	0.58	0.00	0.95
Age difference	T	6.37	0.45	CA	vs	T	0.25	0.39	0.70	0.00	0.98
	CA	6.62	0.45	CB	vs	T	-0.32	-0.37	0.71	0.02	0.89
	CB	6.06	0.74	CB	vs	CA	-0.57	-0.65	0.52	0.08	0.78
	CC	6.66	0.72	CC	vs	CA	0.04	0.05	0.96	0.00	0.95
				CC	vs	CB	0.60	0.58	0.56	0.00	0.95
(Some) secondary education (W)	T	0.07	0.02	CA	vs	T	0.00	0.07	0.95	0.06	0.80
	CA	0.07	0.02	CB	vs	T	-0.05	-1.31	0.19	3.34	***0.07***
	CB	0.02	0.03	CB	vs	CA	-0.05	-1.36	0.18	0.96	0.33
	CC	0.04	0.03	CC	vs	CA	-0.03	-0.93	0.35	2.57	0.11
				CC	vs	CB	0.02	0.38	0.71	0.01	0.92
(Some) secondary education (HB)	T	0.11	0.03	CA	vs	T	0.02	0.65	0.51	0.00	0.99
	CA	0.13	0.03	CB	vs	T	-0.07	-1.42	0.16	3.04	***0.08***
	CB	0.04	0.04	CB	vs	CA	-0.10	-1.89	***0.06***	2.13	0.15
	CC	0.13	0.04	CC	vs	CA	-0.01	-0.16	0.87	0.01	0.91
				CC	vs	CB	0.09	1.45	0.15	0.47	0.50
Number of cattle owned by household (HB reported)	T	2.73	0.27	CA	vs	T	0.01	0.02	0.99	0.01	0.93
	CA	2.74	0.27	CB	vs	T	0.45	0.87	0.39	0.68	0.41
	CB	3.19	0.45	CB	vs	CA	0.45	0.85	0.40	0.01	0.92
	CC	2.64	0.44	CC	vs	CA	-0.10	-0.19	0.85	0.04	0.84
				CC	vs	CB	-0.55	-0.87	0.38	0.37	0.54
Number of small livestock owned by HH (HB reported)	T	3.70	0.55	CA	vs	T	-0.20	-0.26	0.80	0.11	0.73
	CA	3.50	0.56	CB	vs	T	2.02	1.88	***0.06***	0.01	0.91
	CB	5.72	0.92	CB	vs	CA	2.22	2.06	***0.04***	0.93	0.34
	CC	2.80	0.90	CC	vs	CA	-0.69	-0.66	0.51	0.19	0.66
				CC	vs	CB	-2.91	-2.27	0.02	2.63	0.11
Land (HB reported)	T	6.67	4.14	CA	vs	T	7.35	1.25	0.21	0.03	0.85
	CA	14.03	4.20	CB	vs	T	0.97	0.12	0.90	0.22	0.64
	CB	7.64	6.90	CB	vs	CA	-6.39	-0.79	0.43	0.10	0.75
	CC	5.09	6.71	CC	vs	CA	-8.94	-1.13	0.26	0.16	0.69
				CC	vs	CB	-2.55	-0.27	0.79	0.61	0.44
Off-farm income (W) (amount in Tanzanian Shilling (TSH))	T	122025	13703	CA	vs	T	-19269	-0.99	0.33	0.68	0.41
	CA	102756	13878	CB	vs	T	-67025	-1.47	0.14	14.55	***0.00***
	CB	55000	43334	CB	vs	CA	-47756	-1.05	0.30	7.04	***0.01***
	CC	141364	26131	CC	vs	CA	38607	1.30	0.20	0.74	0.39
				CC	vs	CB	86364	1.71	0.09	4.21	***0.06***
Off-farm income (HB) (amount in TSH)	T	205755	40787	CA	vs	T	102674	1.59	0.12	3.91	***0.05***
	CA	308429	50191	CB	vs	T	-113755	-1.11	0.27	0.21	0.65
	CB	92000	93898	CB	vs	CA	-216429	-2.03	***0.04***	14.22	***0.00***
	CC	330500	69988	CC	vs	CA	22071	0.26	0.80	0.14	0.71
				CC	vs	CB	238500	2.04	***0.04***	2.84	0.10

Off-farm income (W) (dummy)	T	0.27	0.03	CA	vs	T	0.00	0.01	0.99	0.17	0.68
	CA	0.27	0.04	CB	vs	T	-0.20	-2.92	***0.00***	0.00	0.99
	CB	0.08	0.06	CB	vs	CA	-0.20	-2.91	***0.00***	0.15	0.70
	CC	0.20	0.06	CC	vs	CA	-0.08	-1.15	0.25	3.74	0.05
				CC	vs	CB	0.12	1.50	0.14	0.84	0.36
Off-farm income (HB) (dummy)	T	0.36	0.04	CA	vs	T	-0.12	-2.18	***0.03***	5.44	***0.02***
	CA	0.24	0.04	CB	vs	T	-0.17	-2.37	***0.02***	1.15	0.28
	CB	0.19	0.06	CB	vs	CA	-0.06	-0.77	0.44	0.24	0.63
	CC	0.32	0.06	CC	vs	CA	0.08	1.08	0.28	0.50	0.48
				CC	vs	CB	0.13	1.53	0.13	0.18	0.67
Bicycle ownership (HB)	T	0.59	0.04	CA	vs	T	0.02	0.28	0.78	0.61	0.44
	CA	0.60	0.04	CB	vs	T	0.00	0.00	1.00	0.01	0.94
	CB	0.58	0.07	CB	vs	CA	-0.02	-0.21	0.84	0.04	0.84
	CC	0.52	0.07	CC	vs	CA	-0.08	-1.07	0.29	0.36	0.55
				CC	vs	CB	-0.07	-0.71	0.48	0.18	0.67
W manages main food crop alone	T	0.01	0.02	CA	vs	T	0.02	0.96	0.34	0.00	1.00
	CA	0.03	0.02	CB	vs	T	0.04	1.42	0.16	0.01	0.93
	CB	0.06	0.03	CB	vs	CA	0.02	0.71	0.48	0.00	1.00
	CC	0.09	0.03	CC	vs	CA	0.05	1.82	***0.07***	0.00	0.96
				CC	vs	CB	0.03	0.90	0.37	0.10	0.75
HB manages main food crop alone	T	0.33	0.04	CA	vs	T	0.21	3.68	***0.00***	0.00	0.98
	CA	0.54	0.04	CB	vs	T	0.18	2.33	***0.02***	0.00	0.99
	CB	0.51	0.07	CB	vs	CA	-0.03	-0.37	0.71	0.47	0.49
	CC	0.54	0.07	CC	vs	CA	0.00	-0.04	0.97	0.09	0.76
				CC	vs	CB	0.03	0.28	0.78	2.41	0.12
W manages main cash crop alone	T	0.02	0.01	CA	vs	T	0.02	1.07	0.29	0.25	0.62
	CA	0.04	0.01	CB	vs	T	-0.02	-0.75	0.45	3.04	***0.08***
	CB	0.00	0.02	CB	vs	CA	-0.04	-1.53	0.13	4.94	***0.03***
	CC	0.05	0.02	CC	vs	CA	0.01	0.42	0.68	0.34	0.56
				CC	vs	CB	0.05	1.63	0.10	2.41	0.12
HB manages main cash crop alone	T	0.52	0.04	CA	vs	T	0.11	1.85	***0.07***	0.63	0.43
	CA	0.63	0.04	CB	vs	T	0.19	2.48	***0.01***	0.24	0.63
	CB	0.72	0.07	CB	vs	CA	0.09	1.12	0.26	0.37	0.54
	CC	0.64	0.07	CC	vs	CA	0.01	0.18	0.86	0.14	0.71
				CC	vs	CB	-0.07	-0.79	0.43	0.05	0.82
HH is food secure (W reported)	T	0.60	0.04	CA	vs	T	-0.03	-0.43	0.67	0.00	0.99
	CA	0.57	0.04	CB	vs	T	-0.03	-0.41	0.68	0.35	0.56
	CB	0.57	0.07	CB	vs	CA	-0.01	-0.09	0.93	0.05	0.82
	CC	0.61	0.07	CC	vs	CA	0.03	0.43	0.67	0.03	0.85
				CC	vs	CB	0.04	0.43	0.67	0.24	0.63
Household better off than average HH (W reported)	T	0.17	0.03	CA	vs	T	0.06	1.33	0.18	1.36	0.24
	CA	0.23	0.03	CB	vs	T	0.00	0.03	0.98	0.42	0.52
	CB	0.17	0.06	CB	vs	CA	-0.06	-0.94	0.35	0.08	0.78
	CC	0.20	0.05	CC	vs	CA	-0.04	-0.60	0.55	0.02	0.88
				CC	vs	CB	0.02	0.30	0.76	1.18	0.28
Household wellbeing improved over time (W reported)	T	0.20	0.03	CA	vs	T	0.08	1.66	0.10	2.93	***0.09***
	CA	0.28	0.04	CB	vs	T	-0.02	-0.36	0.72	0.13	0.72
	CB	0.17	0.06	CB	vs	CA	-0.11	-1.57	0.12	0.51	0.48
	CC	0.18	0.06	CC	vs	CA	-0.10	-1.53	0.13	2.15	0.14
				CC	vs	CB	0.01	0.07	0.95	0.88	0.35
House built with fire-baked bricks (W reported)	T	0.89	0.02	CA	vs	T	0.05	1.71	***0.09***	2.40	0.12
	CA	0.94	0.02	CB	vs	T	0.07	1.68	***0.09***	1.00	0.32
	CB	0.96	0.04	CB	vs	CA	0.02	0.43	0.67	0.71	0.40
	CC	0.93	0.04	CC	vs	CA	-0.02	-0.37	0.71	0.07	0.79
				CC	vs	CB	-0.03	-0.67	0.51	0.58	0.45

Intensively coached group (Encouraged) (T), Group who received couple seminars with potential spillovers (CA), resp. not exposed to spillovers (CB), Control group without Gender Household Approach exposure (CC).

Table B Covariates included propensity score matching per comparison

	T vs CA	T vs CB	CA vs CC	CB vs CC	CA vs CB
Control for initial levels of women's empowerment					
Age difference between husband and wife	X	X	X	X	X
Wife's age	X	X	X	X	X
Husband has some secondary level education	X	X	X	X	X
Wife's personal income	X	X	X	X	X
Wife's personally owned tropical livestock units (TLU) (cattle and small livestock, excluding poultry)	X	X	X	X	X
Wife manages most important staple food crop alone	X	X	X	X	X
Number of children	X	X	X	X	X
Wife's membership of a microfinance group	X	X	X	X	X
Additional control variables					
Household food security	X	X	X	X	X
Land size	X	X	X	X	X
Husband's personal income	X	X	X	X	X
Control for baseline imbalance					
Husband manages most important staple food crop alone	X				
Husband manages most important cash crop alone		X			
Off-farm income (W) (dummy)		X			X

Intensively coached group (Encouraged) (T), Group who received couple seminars with potential spillovers (CA), resp. not exposed to spillovers (CB), Control group without Gender Household Approach exposure (CC).

Table C Estimates of first stage of instrumental variable (IV) regressions

		(1) **Effective treatment status**
Panel A		
T vs CA	β_x (Randomised encouragement status)	0.844
	S.E.	(0.033)
	p-value	0.000
	Constant	0.086
	S.E.	(0.024)
	p-value	0.000
N		288
Panel B		
T vs CB	β_x (Randomised encouragement status)	0.952
	S.E.	(0.024)
	p-value	0.000
	Constant	0.000
	S.E.	(0.000)
	p-value	0.000
N		200

Estimates of first stage of IV regression using two-step GMM in case of T vs CA and T vs CB (Panel A and B) with robust standard errors (S.E.) on matched samples using PSM. Intensively coached group (Encouraged) (T), Group who received couple seminars with potential spillovers (CA), resp. not exposed to spillovers (CB).

Table D Correlation coefficients per comparison after matching used to calculate p-values adjusted for multiple hypotheses testing

T vs CA (matched)	Involvement farm decisions	Involvement household decisions	Share TLU	Personal income	Share coffee income	Time	Improved welfare	Transparency
Involvement farm decisions	1							
Involvement household decisions	0.3739	1						
Share TLU	-0.1467	-0.3067	1					
Personal income	0.0185	-0.1473	-0.038	1				
Share coffee income	-0.0529	-0.0881	0.0392	-0.0918	1			
Time	0.0587	0.1363	-0.0805	-0.0804	-0.1962	1		
Improved welfare	-0.1512	-0.2576	0.1537	0.1102	0.2009	0.0203	1	
Transparency	-0.0873	-0.0687	0.0665	-0.0592	0.3104	-0.0815	0.2072	1
T vs CB (matched)	Involvement farm decisions	Involvement household decisions	Share TLU	Personal income	Share coffee income	Time	Improved welfare	Transparency
Involvement farm decisions	1							
Involvement household decisions	0.4377	1						
Share TLU	0.0652	-0.1168	1					
Personal income	-0.109	-0.2169	0.0345	1				
Share coffee income	-0.128	-0.1026	-0.0304	0.1242	1			
Time	0.0141	0.2765	-0.2356	-0.1423	-0.0361	1		
Improved welfare	0.0095	-0.2308	0.1505	0.1492	0.2332	-0.0317	1	
Transparency	0.0144	-0.0888	-0.0015	0.0535	0.6305	-0.1978	0.2132	1
CA vs CC (matched)	Involvement farm decisions	Involvement household decisions	Share TLU	Personal income	Share coffee income	Time	Improved welfare	Transparency
Involvement farm decisions	1							
Involvement household decisions	0.448	1						
Share TLU	0.0619	-0.0732	1					
Personal income	-0.1529	-0.0869	-0.1308	1				
Share coffee income	0.1694	0.0369	-0.005	-0.1113	1			
Time	-0.2945	-0.1541	-0.1527	0.2044	-0.1927	1		
Improved welfare	-0.0194	-0.1247	0.2164	0.0069	0.3002	0.0383	1	
Transparency	0.0471	0.0204	0.1189	-0.096	0.3084	-0.0684	0.1716	1
CB vs CC (matched)	Involvement farm decisions	Involvement household decisions	Share TLU	Personal income	Share coffee income	Time	Improved welfare	Transparency
Involvement farm decisions	1							
Involvement household decisions	0.4608	1						
Share TLU	0.0679	-0.1095	1					
Personal income	-0.067	-0.1899	0.1096	1				
Share coffee income	0.045	0.0072	0.1588	0.0965	1			
Time	-0.1769	0.1162	-0.3564	0.0141	-0.1459	1		
Improved welfare	0.0328	-0.1519	0.2467	0.0585	0.2657	-0.0443	1	
Transparency	0.1324	0.0777	-0.0202	0.0162	0.5318	-0.0547	0.0509	1
CA vs CB (matched)	Involvement farm decisions	Involvement household decisions	Share TLU	Personal income	Share coffee income	Time	Improved welfare	Transparency
Involvement farm decisions	1							
Involvement household decisions	0.4326	1						
Share TLU	0.0384	-0.1973	1					
Personal income	-0.1332	-0.1268	0.088	1				
Share coffee income	-0.0477	-0.0793	0.1424	0.1053	1			
Time	-0.0027	0.2324	-0.2322	-0.1619	-0.1054	1		
Improved welfare	-0.0422	-0.0954	0.227	0.0533	0.2073	0.0474	1	

Transparency	-0.0031	-0.0216	0.1063	-0.0407	0.3308	-0.0214	0.2034	1
T vs CA (matched)	Involvement farm decisions A	Involvement household decisions A	Share TLU A	Share coffee income A	Improved welfare A			
Involvement farm decisions A	1							
Involvement household decisions A	0.3946	1						
Share TLU A	0.1775	-0.0386	1					
Share coffee income A	0.0937	0.0742	-0.1017	1				
Improved welfare A	-0.2248	-0.216	-0.162	0.1154	1			
T vs CB (matched)	Involvement farm decisions A	Involvement household decisions A	Share TLU A	Share coffee income A	Improved welfare A			
Involvement farm decisions A	1							
Involvement household decisions A	0.4936	1						
Share TLU A	0.1078	-0.139	1					
Share coffee income A	0.1886	0.227	0.0699	1				
Improved welfare A	-0.0679	-0.2135	-0.0035	0.1748	1			
CA vs CC (matched)	Involvement farm decisions A	Involvement household decisions A	Share TLU A	Share coffee income A	Improved welfare A			
Involvement farm decisions A	1							
Involvement household decisions A	0.3498	1						
Share TLU A	0.2719	0.105	1					
Share coffee income A	0.2441	-0.0224	-0.0645	1				
Improved welfare A	-0.0923	-0.1772	-0.0858	0.1509	1			
CB vs CC (matched)	Involvement farm decisions A	Involvement household decisions A	Share TLU A	Share coffee income A	Improved welfare A			
Involvement farm decisions A	1							
Involvement household decisions A	0.4984	1						
Share TLU A	-0.0037	-0.1314	1					
Share coffee income A	0.1946	0.1542	-0.1058	1				
Improved welfare A	-0.0582	-0.2297	0.069	0.1574	1			
CA vs CB (matched)	Involvement farm decisions A	Involvement household decisions A	Share TLU A	Share coffee income A	Improved welfare A			
Involvement farm decisions A	1							
Involvement household decisions A	0.4985	1						
Share TLU A	0.0464	-0.263	1					
Share coffee income A	0.2471	0.2435	0.0338	1				
Improved welfare A	-0.1128	-0.1157	0.0133	0.1357	1			

Intensively coached group (Encouraged) (T), Group who received couple seminars with potential spillovers (CA), resp. not exposed to spillovers (CB), Control group without Gender Household Approach exposure (CC).

Share TLU = Share of household tropical livestock units (TLU) (excluding poultry) the wife reported to personally or jointly own (*Share TLU A* = based on averages of husband and wife reports). *Personal income* = Indicator taking the value one if the wife reported she personally earned any income from off-farm activities, fishing, sales of livestock and/or remittances in three months prior to endline. *Share coffee income* = Share of total household income from selling coffee in which the wife was involved, personally or jointly with her husband, in sales transaction including receiving money (*Share coffee income A* = based on averages of reported by husband and wife). *Transparency* = Ratio of wife versus husband reported total household coffee income as an indicator of transparency. *Time* = Difference in proportion of total work time wife and husband reported to allocate to tasks in reproductive and domestic sphere. *Involvement farm decisions* = Percentage out of four types of strategic farm decisions in which the wife was involved, personally or jointly with her husband or another household member, based on women's accounts (*Involvement farm decisions A*= based on husband and wife agreeing upon wife's involvement). *Involvement household decisions* = Percentage out of four types of strategic household decisions in which the wife was involved, personally or jointly with her husband or another household member, based on women's accounts (*Involvement household decisions A*= based on husband and wife agreeing upon wife's involvement). *Improved welfare* =

Indicator taking the value one if wife believes that the household has improved its (economic) wellbeing and/or food security situation as compared to a year before (*Improved welfare A* = based on husband and wife agreeing upon improved wellbeing and/or food security).

Table E Estimates of spillover effects

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		Share TLU	**Share TLU A**	**Personal income**	**Share coffee income**	**Share coffee income A**	**Transparency**	**Time**	**Involvement farm decisions**	**Involvement farm decisions A**	**Involvement household decisions**	**Involvement household decisions A**	**Improved welfare**	**Improved welfare A**
CA vs CB	β_x	-0.102	0.108	-0.130	0.245	0.305	0.524	0.009	0.193	0.215	0.044	0.066	0.028	0.029
	S.E.	(0.091)	(0.051)	(0.074)	(0.089)	(0.073)	(0.167)	(0.032)	(0.040)	(0.043)	(0.049)	(0.054)	(0.079)	(0.073)
	p-value	0.265	0.036	0.082	0.006	0.000	0.002	0.783	0.000	0.000	0.365	0.229	0.725	0.686
	Constant	0.334	0.372	0.194	0.583	0.648	0.553	0.256	0.731	0.608	0.821	0.700	0.252	0.176
	S.E.	(0.083)	(0.047)	(0.071)	(0.082)	(0.071)	(0.072)	(0.026)	(0.038)	(0.040)	(0.045)	(0.050)	(0.068)	(0.063)
	p-value	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006
N		154	159	194	165	163	157	193	194	194	194	194	193	191
R^2		0.016	0.046	0.038	0.073	0.198	0.044	0.001	0.192	0.170	0.007	0.013	0.001	0.001
F statistic		1.250	4.470	3.070	7.670	17.230	9.910	0.080	23.450	24.610	0.830	1.460	0.120	0.160
Adj. R^2		0.010	0.040	0.030	0.070	0.190	0.040	0.000	0.190	0.170	0.000	0.010	0.000	0.000

Estimates of average treatment effects (β_x) using ordinary least square (OLS) regression, with robust standard errors (S.E.) on matched samples using PSM. Group who received couple seminars with potential spillovers (CA), resp. not exposed to spillovers (CB).

Share TLU = Share of household tropical livestock units (TLU) (excluding poultry) the wife reported to personally or jointly own (*Share TLU A* = based on averages of husband and wife reports). *Personal income* = Indicator taking the value one if the wife reported she personally earned any income from off-farm activities, fishing, sales of livestock and/or remittances in three months prior to endline. *Share coffee income* = Share of total household income from selling coffee in which the wife was involved, personally or jointly with her husband, in sales transaction including receiving money (*Share coffee income A* = based on averages of reported by husband and wife). *Transparency* = Ratio of wife versus husband reported total household coffee income as an indicator of transparency. *Time* = Difference in proportion of total work time wife and husband reported to allocate to tasks in reproductive and domestic sphere. *Involvement farm decisions* = Percentage out of four types of strategic farm decisions in which the wife was involved, personally or jointly with her husband or another household member, based on women's accounts (*Involvement farm decisions A*= based on husband and wife agreeing upon wife's involvement). *Involvement household decisions* = Percentage out of four types of strategic household decisions in which the wife was involved, personally or jointly with her husband or another household member, based on women's accounts (*Involvement household decisions A*= based on husband and wife agreeing upon wife's involvement). *Improved welfare* = Indicator taking the value one if wife believes that the household has improved its (economic) wellbeing and/or food security situation as compared to a year before (*Improved welfare A* = based on husband and wife agreeing upon improved wellbeing and/or food security).

Table F Full results Table 3 – Estimates of average treatment effects (βx) on women's control over assets and income and on time allocation

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Share TLU	**Share TLU A**	**Personal income**	**Share coffee income**	**Share coffee income A**	**Transparency**	**Time**
Panel A								
T vs CA	β_x	-0.033	-0.035	0.009	0.021	-0.030	-0.230	-0.031
	S.E.	(0.063)	(0.035)	(0.036)	(0.060)	(0.029)	(0.179)	(0.033)
	p	0.602	0.322	0.801	0.727	0.298	0.198	0.349
	p adj	0.999	0.829	1.000	1.000	0.838	0.826	0.974
	Constant	0.236	0.493	0.060	0.813	0.960	1.089	0.270
	S.E.	(0.042)	(0.022)	(0.022)	(0.041)	(0.017)	(0.163)	(0.021)
	p	0.000	0.000	0.008	0.000	0.000	0.000	0.000
	p adj	0.000	0.000	0.060	0.000	0.000	0.000	0.000
Ex-post MDES		0.176	0.098	0.101	0.168	0.081	0.501	0.092
N		232	240	288	238	234	230	288
R^2		-0.003	0.007	0.001	0.001	0.004	0.008	0.003
F degrees of freedom		230.00	238.00	286.00	236.00	232.00	228.00	286.00
F statistic		0.270	0.970	0.060	0.120	1.080	1.640	0.870
Adj. R^2		-0.010	0.000	0.000	0.000	0.000	0.000	0.000
Panel B								
T vs CB	β_x	-0.141	0.112	-0.086	0.351	0.410	0.344	-0.001
	S.E.	(0.122)	(0.069)	(0.068)	(0.124)	(0.119)	(0.087)	(0.042)
	p	0.245	0.103	0.203	0.005	0.001	0.000	0.975
	p adj	0.837	0.325	0.766	0.034	0.005	0.000	1.000
	Constant	0.334	0.350	0.144	0.517	0.561	0.558	0.247
	S.E.	(0.105)	(0.059)	(0.058)	(0.110)	(0.108)	(0.072)	(0.032)
	p	0.001	0.000	0.013	0.000	0.000	0.000	0.000
	p adj	0.006	0.000	0.080	0.000	0.000	0.000	0.000
Ex-post MDES		0.342	0.193	0.190	0.347	0.333	0.244	0.118
N		152	157	200	171	167	163	199
R^2		0.007	0.026	0.010	0.115	0.211	0.112	0.000
F degrees of freedom		150.00	155.00	198.00	169.00	165.00	161.00	197.00
F statistic		1.330	2.620	1.600	7.970	11.720	15.310	0.000
Adj. R^2		0.000	0.020	0.000	0.110	0.210	0.110	-0.010
Panel C								
CA vs CC	β_x	0.125	0.150	-0.122	0.130	0.149	0.345	-0.090
	S.E.	(0.053)	(0.039)	(0.061)	(0.079)	(0.053)	(0.225)	(0.039)
	p	0.019	0.000	0.046	0.101	0.006	0.128	0.022
	p adj	0.123	0.000	0.262	0.550	0.026	0.642	0.123
	Constant	0.104	0.336	0.189	0.685	0.807	0.797	0.363
	S.E.	(0.036)	(0.033)	(0.056)	(0.069)	(0.050)	(0.119)	(0.034)
	p	0.004	0.000	0.001	0.000	0.000	0.000	0.000
	p adj	0.027	0.000	0.006	0.000	0.000	0.000	0.000
Ex-post MDES		0.148	0.109	0.171	0.221	0.148	0.630	0.109
N		153	158	185	154	153	148	185
R^2		0.036	0.108	0.034	0.022	0.066	0.015	0.041
F statistic		5.670	14.980	4.050	2.710	7.770	2.340	5.360
Adj. R^2		0.030	0.100	0.030	0.020	0.060	0.010	0.040
Panel D								
CB vs CC	β_x	0.198	0.049	0.050	-0.048	-0.128	-0.191	-0.108
	S.E.	(0.081)	(0.061)	(0.089)	(0.105)	(0.079)	(0.147)	(0.046)
	p	0.016	0.422	0.574	0.650	0.110	0.197	0.022
	p adj	0.097	0.872	0.995	0.999	0.423	0.786	0.105
	Constant	0.101	0.323	0.166	0.672	0.797	0.770	0.356
	S.E.	(0.039)	(0.036)	(0.053)	(0.076)	(0.056)	(0.129)	(0.035)
	p	0.011	0.000	0.002	0.000	0.000	0.000	0.000
	p adj	0.067	0.000	0.012	0.000	0.000	0.000	0.000

Ex-post MDES	0.227	0.171	0.249	0.294	0.221	0.412	0.129
N	84	86	109	96	94	89	108
R^2	0.085	0.009	0.004	0.002	0.029	0.023	0.066
F statistic	6.030	0.650	0.320	0.210	2.600	1.690	5.400
Adj. R^2	0.070	0.000	-0.010	-0.010	0.020	0.010	0.060

Estimates of local average treatment effects (LATE) (β_x) based on second stage of IV regression using two-step GMM in case of T vs CA and T vs CB (Panel A and B) and estimates of average treatment effects using ordinary least square (OLS) regression in case of CA vs CC and CB vs CC (Panel C and D), with robust standard errors (S.E.) on matched samples using PSM. Ex-post MDES (minimum detectable effect size) (calculated as proposed in McKenzie, D., & Ozier, O. (2019) and Jakiela and Ozier (2019)) [1]

Intensively coached group (Encouraged) (T), Group who received couple seminars with potential spillovers (CA), resp. not exposed to spillovers (CB), Control group without Gender Household Approach exposure (CC). p=p-value; p adj.=p-value adjusted for multiple hypotheses testing.

Share TLU = Share of household tropical livestock units (TLU) (excluding poultry) the wife reported to personally or jointly own (*Share TLU A* = based on averages of husband and wife reports). *Personal income* = Indicator taking the value one if the wife reported she personally earned any income from off-farm activities, fishing, sales of livestock and/or remittances in three months prior to endline. *Share coffee income* = Share of total household income from selling coffee in which the wife was involved, personally or jointly with her husband, in sales transaction including receiving money (*Share coffee income A* = based on averages of reported by husband and wife). *Transparency* = Ratio of wife versus husband reported total household coffee income as an indicator of transparency. *Time* = Difference in proportion of total work time wife and husband reported to allocate to tasks in reproductive and domestic sphere.

[1] McKenzie, D., & Ozier, O. (2019). Why ex-post power using estimated effect sizes is bad, but an ex-post MDE is not. World Bank Blogs: Development Impact. https://blogs.worldbank.org/impactevaluations/why-ex-post-power-using-estimated-effect-sizes-bad-ex-post-mde-not (Accessed 22 July 2020); Jakiela, P., and Ozier, O. (2019) ECON 626: Applied Micro economics. Lecture 7: Power. http://economics.ozier.com/econ626/lec/econ626-L07-handout-2019.pdf (Accessed 22 July 2020).

Table G Full results Table 4 – Estimates of average treatment effects (βx) on women's involvement in strategic farm and household decisions and on improved household welfare

		(1)	(2)	(3)	(4)	(5)	(6)
		Involvement farm decisions	**Involvement farm decisions A**	**Involvement household decisions**	**Involvement household decisions A**	**Improved welfare**	**Improved welfare A**
Panel A							
T vs CA	β_x	-0.011	-0.017	-0.014	-0.023	-0.001	-0.011
	S.E.	(0.023)	(0.033)	(0.031)	(0.039)	(0.065)	(0.055)
	p	0.625	0.597	0.652	0.551	0.991	0.846
	p adj	1.000	0.994	1.000	0.985	1.000	0.999
	Constant	0.923	0.822	0.867	0.770	0.286	0.197
	S.E.	(0.013)	(0.020)	(0.020)	(0.024)	(0.043)	(0.037)
	p	0.000	0.000	0.000	0.000	0.000	0.000
	p adj	0.000	0.000	0.000	0.000	0.000	0.000
Ex-post MDES		0.064	0.092	0.087	0.109	0.182	0.154
N		288	288	288	288	288	287
R^2		-0.004	-0.002	0.001	0.002	-0.000	-0.000
F degrees of freedom		286.00	286.00	286.00	286.00	286.00	285.00
F statistic		0.240	0.280	0.200	0.350	0.000	0.040
Adj. R^2		-0.010	-0.010	0.000	0.000	0.000	0.000
Panel B							
T vs CB	β_x	0.184	0.223	0.039	0.070	0.101	0.070
	S.E.	(0.053)	(0.046)	(0.056)	(0.059)	(0.080)	(0.068)
	p	0.001	0.000	0.490	0.236	0.205	0.304
	p adj	0.007	0.000	0.990	0.672	0.816	0.710
	Constant	0.740	0.604	0.825	0.693	0.197	0.132
	S.E.	(0.047)	(0.038)	(0.049)	(0.050)	(0.062)	(0.053)
	p	0.000	0.000	0.000	0.000	0.002	0.012
	p adj	0.000	0.000	0.000	0.000	0.015	0.040
Ex-post MDES		0.148	0.129	0.157	0.165	0.224	0.190
N		200	200	200	200	199	198
R^2		0.141	0.135	0.003	0.008	0.011	0.010
F degrees of freedom		198.00	198.00	198.00	198.00	197.00	196.00
F statistic		11.830	23.280	0.470	1.390	1.590	1.040
Adj. R^2		0.140	0.130	0.000	0.000	0.010	0.010
Panel C							
CA vs CC	β_x	0.145	0.156	0.030	0.031	0.016	-0.031
	S.E.	(0.042)	(0.044)	(0.039)	(0.042)	(0.074)	(0.069)
	p	0.001	0.000	0.440	0.461	0.824	0.653
	p adj	0.008	0.000	0.984	0.926	1.000	0.975
	Constant	0.779	0.663	0.848	0.751	0.268	0.236
	S.E.	(0.040)	(0.040)	(0.035)	(0.036)	(0.062)	(0.059)
	p	0.000	0.000	0.000	0.000	0.000	0.000
	p adj	0.000	0.000	0.000	0.000	0.000	0.000
Ex-post MDES		0.118	0.123	0.109	0.118	0.207	0.193
N		185	185	185	185	185	185
R^2		0.093	0.090	0.005	0.004	0.000	0.001
F statistic		11.650	12.680	0.600	0.550	0.050	0.200
Adj. R^2		0.090	0.080	0.000	0.000	-0.010	0.000
Panel D							
CB vs CC	β_x	-0.063	-0.095	-0.080	-0.102	-0.010	-0.073
	S.E.	(0.058)	(0.064)	(0.067)	(0.070)	(0.094)	(0.088)
	p	0.275	0.141	0.232	0.151	0.912	0.409
	p adj	0.889	0.545	0.812	0.522	1.000	0.873
	Constant	0.773	0.667	0.849	0.750	0.259	0.237
	S.E.	(0.045)	(0.046)	(0.035)	(0.039)	(0.067)	(0.066)
	p	0.000	0.000	0.000	0.000	0.000	0.000
	p adj	0.000	0.000	0.000	0.000	0.000	0.000

Ex-post MDES	0.162	0.179	0.188	0.196	0.263	0.246
N	109	109	109	109	108	107
R^2	0.013	0.026	0.018	0.026	0.000	0.008
F statistic	1.200	2.200	1.450	2.090	0.010	0.690
Adj. R^2	0.000	0.020	0.010	0.020	-0.010	0.000

Estimates of local average treatment effects (LATE) (β_x) based on second stage of IV regression using two-step GMM in case of T vs CA and T vs CB (Panel A and B) and estimates of average treatment effects using ordinary least square (OLS) regression in case of CA vs CC and CB vs CC (Panel C and D), with robust standard errors (S.E.) on matched samples using PSM. Ex-post MDES (minimum detectable effect size) (calculated as proposed in McKenzie, D., & Ozier, O. (2019) and Jakiela and Ozier (2019))[1]

Intensively coached group (Encouraged) (T), Group who received couple seminars with potential spillovers (CA), resp. not exposed to spillovers (CB), Control group without Gender Household Approach exposure (CC). p=p-value; p adj.=p-value adjusted for multiple hypotheses testing.

Involvement farm decisions = Percentage out of four types of strategic farm decisions in which the wife was involved, personally or jointly with her husband or another household member, based on women's accounts (*Involvement farm decisions A*= based on husband and wife agreeing upon wife's involvement). *Involvement household decisions* = Percentage out of four types of strategic household decisions in which the wife was involved, personally or jointly with her husband or another household member, based on women's accounts (*Involvement household decisions A*= based on husband and wife agreeing upon wife's involvement). *Improved welfare* = Indicator taking the value one if wife believes that the household has improved its (economic) wellbeing and/or food security situation as compared to a year before (*Improved welfare A* = based on husband and wife agreeing upon improved wellbeing and/or food security).