Appendix tables for: Empowering women through targeting information or role models: Evidence from an experiment in agricultural extension in Uganda

January 19, 2021

Table A.1: Knowledge

	mean in ctrl	sd	target women	se	target couple	se	t-test	nobs
			Knowledge index					
female outcome	-0.078	(0.605)	0.131 **	(0.048)	0.106 *	(0.050)	0.608	2753
male outcome	0.081	(0.607)	-0.154 **	(0.048)	-0.090 +	(0.049)	0.207	2647
joint outcome	0.002	(0.693)	-0.036	(0.053)	0.009	(0.054)	0.405	3042
			Knowledge about proper spacing and seeds per hill					
female outcome	0.126	(0.332)	0.067 *	(0.030)	0.049	(0.032)	0.564	2753
male outcome	0.263	(0.440)	-0.118 **	(0.032)	-0.025	(0.033)	0.006 **	2647
joint outcome	0.055	(0.228)	-0.017	(0.017)	0.017	(0.018)	0.056 +	3042
			Knowledge combining practices and starting small					
female outcome	0.818	(0.386)	0.055 +	(0.029)	0.048	(0.030)	0.799	2753
male outcome	0.892	(0.311)	-0.089 **	(0.028)	-0.038	(0.028)	0.082 +	2647
joint outcome	0.577	(0.494)	-0.026	(0.038)	-0.009	(0.039)	0.661	3042
			Knowledge about optimal weeding					
female outcome	0.880	(0.325)	0.022	(0.026)	0.019	(0.027)	0.913	2753
male outcome	0.883	(0.322)	0.023	(0.026)	-0.031	(0.027)	0.052 +	2647
joint outcome	0.628	(0.484)	0.014	(0.037)	-0.025	(0.038)	0.296	3042
			Knowledge about best ways to fight fall armyworm					
female outcome	0.209	(0.407)	-0.043	(0.032)	0.004	(0.033)	0.149	2753
male outcome	0.237	(0.425)	-0.036	(0.034)	-0.004	(0.035)	0.379	2647
joint outcome	0.059	(0.235)	-0.009	(0.019)	0.024	(0.019)	0.086 +	3042

First column reports sample means in control (recipient = male co-head); standard deviations are in the second column; column 3 reports average treatment effects for targeting the woman co-head only with information and column 4 reports standard error; column 5 reports average treatment effects for targeting the couple with information and column 6 reports standard error; column 7 reports p-value for the hypothesis that average treatment effects for targeting the woman co-head only with information is equal to average treatment effects for targeting the couple with information; column 8 reports number of observations used. **, * and + indicates signficance at the 1, 5 and 10 percent level.

Table A.2: Decision making

	mean in ctrl	sd	target women	se	target couple	se	t-test	nobs
				Decision making index				
female outcome	-0.092	(0.731)	0.208 **	(0.066)	0.014	(0.068)	0.003 **	2645
male outcome	0.163	(0.883)	-0.429 **	(0.068)	-0.203 **	(0.070)	0.001 **	2645
joint outcome	-0.005	(0.783)	-0.049	(0.065)	0.061	(0.068)	0.094 +	2645
				Decision about planting maize on the plot				
female outcome	0.159	(0.338)	0.055 +	(0.029)	-0.027	(0.030)	0.006 **	2714
male outcome	0.328	(0.439)	-0.150 **	(0.034)	-0.084 *	(0.035)	0.053 +	2714
joint outcome	0.515	(0.472)	-0.005	(0.038)	0.060	(0.040)	0.094 +	2714
				Decision about when to start planting				
female outcome	0.162	(0.339)	0.060 *	(0.030)	0.009	(0.031)	0.091 +	2714
male outcome	0.349	(0.449)	-0.176 **	(0.034)	-0.071 *	(0.036)	0.003 **	2714
joint outcome	0.475	(0.469)	-0.012	(0.038)	0.008	(0.040)	0.610	2714
				Decision about plant spacing and seed rate				
female outcome	0.149	(0.332)	0.085 **	(0.029)	-0.008	(0.030)	0.002 **	2714
male outcome	0.383	(0.459)	-0.188 **	(0.035)	-0.081 *	(0.037)	0.003 **	2714
joint outcome	0.473	(0.473)	-0.039	(0.038)	0.056	(0.040)	0.014 *	2714
				Decision about ways to fight striga				
female outcome	0.114	(0.296)	0.087 **	(0.027)	0.032	(0.028)	0.045 *	2645
male outcome	0.299	(0.432)	-0.195 **	(0.032)	-0.102 **	(0.033)	0.004 **	2645
joint outcome	0.420	(0.462)	-0.024	(0.038)	0.029	(0.040)	0.166	2645
				Decision timing for weeding				
female outcome	0.176	(0.355)	0.083 **	(0.031)	0.018	(0.032)	0.038 *	2714
male outcome	0.347	(0.446)	-0.182 **	(0.034)	-0.075 *	(0.035)	0.002 **	2714
joint outcome	0.535	(0.468)	-0.052	(0.038)	-0.034	(0.040)	0.651	2714

First column reports sample means in control (recipient = male co-head); standard deviations are in the second column; column 3 reports average treatment effects for targeting the woman co-head only with information and column 4 reports standard error; column 5 reports average treatment effects for targeting the couple with information and column 6 reports standard error; column 7 reports p-value for the hypothesis that average treatment effects for targeting the woman co-head only with information is equal to average treatment effects for targeting the couple with information; column 8 reports number of observations used. **, * and + indicates signficance at the 1, 5 and 10 percent level.

Table A.3: Adoption of recommended practices

	mean in ctrl	sd	target women	se	target couple	se	t-test	nobs
				Adoption index				
female outcome	-0.080	(0.489)	0.079	(0.052)	0.050	(0.054)	0.568	2478
male outcome	0.006	(0.584)	-0.078	(0.051)	-0.023	(0.053)	0.285	2478
joint outcome	-0.030	(0.550)	0.012	(0.051)	0.101 +	(0.053)	0.081 +	2478
				Adopted timely planting recommendation				
female outcome	0.042	(0.178)	-0.010	(0.017)	0.005	(0.018)	0.388	2542
male outcome	0.057	(0.209)	-0.025	(0.018)	-0.026	(0.019)	0.940	2542
joint outcome	0.109	(0.292)	-0.004	(0.025)	0.031	(0.026)	0.157	2542
				Adoption of recommended spacing and seed rate				
female outcome	0.001	(0.034)	0.001	(0.006)	0.004	(0.006)	0.660	2713
male outcome	0.009	(0.089)	-0.005	(0.008)	-0.005	(0.008)	0.941	2713
joint outcome	0.014	(0.111)	0.019	(0.012)	0.027 *	(0.012)	0.466	2713
				Adoption of recommended strategy to fight striga				
female outcome	0.082	(0.255)	0.079 **	(0.025)	0.038	(0.026)	0.103	2644
male outcome	0.145	(0.325)	-0.048 +	(0.026)	0.000	(0.027)	0.062 +	2644
joint outcome	0.321	(0.436)	0.001	(0.036)	0.037	(0.038)	0.319	2644
				Adoption of recommended timing of weeding				
female outcome	0.156	(0.336)	0.071 *	(0.030)	0.009	(0.031)	0.037 *	2713
male outcome	0.205	(0.377)	-0.025	(0.030)	0.033	(0.031)	0.055 +	2713
joint outcome	0.476	(0.469)	-0.031	(0.038)	-0.014	(0.040)	0.656	2713

First column reports sample means in control (recipient = male co-head); standard deviations are in the second column; column 3 reports average treatment effects for targeting the woman co-head only with information and column 4 reports standard error; column 5 reports average treatment effects for targeting the couple with information and column 6 reports standard error; column 7 reports p-value for the hypothesis that average treatment effects for targeting the woman co-head only with information is equal to average treatment effects for targeting the couple with information; column 8 reports number of observations used. **, * and + indicates signficance at the 1, 5 and 10 percent level.

Table A.4: Input use

	mean in ctrl	sd	target women	se	target couple	se	t-test	nobs
				Input use index				
female outcome	-0.057	(0.391)	0.117 **	(0.042)	0.016	(0.044)	0.018 *	2714
male outcome	0.014	(0.500)	0.019	(0.040)	0.020	(0.042)	0.973	2714
joint outcome	-0.042	(0.449)	0.034	(0.040)	0.116 **	(0.042)	0.042 *	2714
				Used DAP				
female outcome	0.016	(0.119)	0.014	(0.011)	0.001	(0.012)	0.254	2714
male outcome	0.070	(0.245)	-0.009	(0.017)	-0.016	(0.018)	0.697	2714
joint outcome	0.051	(0.210)	0.015	(0.018)	0.005	(0.019)	0.588	2714
				Used UREA				
female outcome	0.002	(0.038)	0.017 **	(0.007)	0.014 *	(0.007)	0.696	2714
male outcome	0.019	(0.125)	0.008	(0.010)	0.011	(0.011)	0.786	2714
joint outcome	0.015	(0.115)	-0.002	(0.010)	0.011	(0.010)	0.208	2714
				Used organic fertilizer				
female outcome	0.017	(0.124)	0.007	(0.012)	-0.002	(0.012)	0.413	2714
male outcome	0.035	(0.175)	0.001	(0.014)	-0.011	(0.015)	0.416	2714
joint outcome	0.050	(0.207)	0.018	(0.019)	0.059 **	(0.020)	0.032 *	2714
				Used hybrid seed				
female outcome	0.013	(0.110)	0.018 +	(0.010)	-0.001	(0.011)	0.061 +	2714
male outcome	0.055	(0.216)	0.008	(0.017)	0.021	(0.017)	0.443	2714
joint outcome	0.027	(0.150)	0.006	(0.014)	0.020	(0.015)	0.367	2714
				Used OPV				
female outcome	0.020	(0.130)	0.014	(0.012)	-0.011	(0.012)	0.039 *	2714
male outcome	0.020	(0.079)	0.002	(0.007)	0.005	(0.007)	0.720	2754
joint outcome	0.021	(0.085)	0.001	(0.007)	0.007	(0.007)	0.388	2754

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Table A.5: Production related outcomes

	mean in ctrl	sd	target women	se	target couple	se	t-test	nobs
				Production index				
female outcome	-0.097	(0.573)	0.179 **	(0.062)	0.033	(0.064)	0.018 *	2644
male outcome	0.036	(0.781)	0.000	(0.062)	0.006	(0.064)	0.921	2644
joint outcome	0.020	(0.750)	-0.071	(0.061)	0.055	(0.063)	0.039 *	2644
				Total production				
female outcome	38.721	(154.430)	22.545	(16.517)	13.389	(17.149)	0.584	2754
male outcome	129.181	(334.700)	-15.817	(26.098)	-40.157	(27.095)	0.357	2754
joint outcome	238.811	(475.554)	-63.648 +	(33.204)	-6.425	(34.474)	0.089 +	2754
				Area				
female outcome	0.104	(0.330)	0.078 *	(0.037)	0.029	(0.038)	0.185	2754
male outcome	0.296	(0.676)	0.002	(0.056)	-0.003	(0.059)	0.930	2754
joint outcome	0.589	(0.904)	-0.063	(0.068)	-0.030	(0.071)	0.632	2754
				Has yield improved?				
female outcome	0.025	(0.145)	0.025 +	(0.015)	0.005	(0.015)	0.187	2644
male outcome	0.045	(0.183)	0.018	(0.016)	0.030 +	(0.017)	0.438	2644
joint outcome	0.132	(0.326)	-0.014	(0.026)	0.065 *	(0.027)	0.003 **	2644
				Yield				
female outcome	58.850	(244.257)	69.170 **	(24.594)	7.374	(25.534)	0.013 *	2754
male outcome	135.845	(403.162)	-24.573	(26.644)	-38.599	(27.663)	0.603	2754
joint outcome	223.450	(383.693)	-26.866	(30.090)	18.531	(31.240)	0.137	2754

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Table A.6: Knowledge

	mean in ctrl	sd	female messenger	se	couple messenger	se	t-test	nobs
			Knowledge index					
female outcome	-0.005	(0.595)	0.029	(0.049)	-0.006	(0.049)	0.475	2753
male outcome	-0.015	(0.591)	0.064	(0.047)	-0.008	(0.047)	0.131	2647
joint outcome	0.007	(0.687)	-0.024	(0.052)	-0.022	(0.053)	0.979	3042
			Knowledge about proper spacing and seeds per hill					
female outcome	0.169	(0.375)	-0.012	(0.031)	0.002	(0.031)	0.646	2753
male outcome	0.187	(0.390)	0.070 *	(0.031)	0.019	(0.031)	0.107	2647
joint outcome	0.057	(0.232)	-0.010	(0.017)	0.001	(0.017)	0.527	3042
			Knowledge combining practices and starting small					
female outcome	0.848	(0.359)	0.024	(0.029)	-0.010	(0.029)	0.238	2753
male outcome	0.849	(0.358)	0.010	(0.027)	-0.003	(0.027)	0.617	2647
joint outcome	0.573	(0.495)	0.003	(0.037)	-0.027	(0.038)	0.424	3042
			Knowledge about optimal weeding					
female outcome	0.888	(0.316)	0.015	(0.026)	0.001	(0.026)	0.596	2753
male outcome	0.888	(0.316)	-0.002	(0.026)	-0.019	(0.026)	0.515	2647
joint outcome	0.634	(0.482)	-0.013	(0.037)	-0.014	(0.037)	0.959	3042
			Knowledge about best ways to fight fall armyworm					
female outcome	0.203	(0.403)	-0.006	(0.032)	-0.020	(0.033)	0.655	2753
male outcome	0.229	(0.421)	-0.002	(0.033)	-0.015	(0.033)	0.687	2647
joint outcome	0.071	(0.257)	-0.021	(0.019)	-0.001	(0.019)	0.291	3042

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Table A.7: Decision making

	mean in ctrl	sd	female messenger	se	couple messenger	se	t-test	nobs
			Decision making index					
female outcome	0.010	(0.830)	-0.097	(0.067)	0.035	(0.068)	0.049 *	2645
male outcome	0.017	(0.838)	-0.066	(0.069)	-0.157 *	(0.070)	0.189	2645
joint outcome	-0.005	(0.792)	0.018	(0.067)	-0.015	(0.067)	0.625	2645
			Decision about planting maize on the plot					
female outcome	0.184	(0.359)	-0.051 +	(0.030)	0.011	(0.030)	0.037 *	2714
male outcome	0.301	(0.426)	-0.068 *	(0.034)	-0.093 **	(0.035)	0.450	2714
joint outcome	0.524	(0.469)	0.010	(0.039)	0.014	(0.039)	0.929	2714
			Decision about when to start planting					
female outcome	0.197	(0.367)	-0.031	(0.030)	0.001	(0.031)	0.301	2714
male outcome	0.289	(0.425)	-0.034	(0.035)	-0.044	(0.035)	0.780	2714
joint outcome	0.471	(0.465)	0.007	(0.039)	0.000	(0.039)	0.860	2714
			Decision about plant spacing and seed rate					
female outcome	0.180	(0.356)	-0.031	(0.030)	0.025	(0.030)	0.062 +	2714
male outcome	0.306	(0.434)	0.001	(0.036)	-0.052	(0.036)	0.139	2714
joint outcome	0.481	(0.471)	0.007	(0.039)	-0.020	(0.040)	0.478	2714
			Decision about ways to fight striga					
female outcome	0.152	(0.339)	-0.007	(0.028)	0.021	(0.028)	0.322	2645
male outcome	0.228	(0.393)	-0.027	(0.033)	-0.071 *	(0.033)	0.178	2645
joint outcome	0.423	(0.464)	-0.004	(0.039)	-0.003	(0.039)	0.986	2645
			Decision timing for weeding					
female outcome	0.227	(0.393)	-0.050	(0.031)	0.009	(0.032)	0.063 +	2714
male outcome	0.275	(0.418)	-0.003	(0.034)	-0.049	(0.035)	0.189	2714
joint outcome	0.512	(0.470)	0.015	(0.039)	-0.035	(0.039)	0.197	2714

First column reports sample means in control (messenger = male co-head); standard deviations are in the second column; column 3 reports average treatment effects for the video featuring a female role-model farmer and column 4 reports standard error; column 5 reports average treatment effects for the video featuring a couple role-model and column 6 reports standard error; column 7 reports p-value for the hypothesis that the average treatment effect for the video featuring a female role-model farmer is equal to the average treatment effect for the video featuring a couple role-model; column 8 reports number of observations used. **, * and + indicates signficance at the 1, 5 and 10 percent level.

Table A.8: Adoption of recommended practices

	mean in ctrl	sd	female messenger	se	couple messenger	se	t-test	nobs
			Adoption index					
female outcome	-0.001	(0.602)	-0.069	(0.053)	-0.029	(0.054)	0.445	2478
male outcome	-0.006	(0.621)	-0.022	(0.053)	-0.050	(0.053)	0.584	2478
joint outcome	0.002	(0.598)	0.025	(0.052)	-0.015	(0.053)	0.440	2478
			Adopted timely planting recommendation					
female outcome	0.050	(0.194)	-0.014	(0.018)	-0.014	(0.018)	0.972	2542
male outcome	0.057	(0.213)	-0.009	(0.018)	-0.043 *	(0.019)	0.063 +	2542
joint outcome	0.125	(0.307)	0.007	(0.026)	-0.031	(0.026)	0.132	2542
			Adoption of recommended spacing and seed rate					
female outcome	0.005	(0.069)	-0.003	(0.006)	-0.003	(0.006)	1.000	2713
male outcome	0.012	(0.105)	-0.016 +	(0.008)	-0.003	(0.008)	0.141	2713
joint outcome	0.024	(0.147)	0.006	(0.012)	0.008	(0.012)	0.872	2713
			Adoption of recommended strategy to fight striga					
female outcome	0.116	(0.302)	-0.008	(0.025)	0.027	(0.025)	0.166	2644
male outcome	0.126	(0.306)	0.011	(0.026)	-0.008	(0.026)	0.475	2644
joint outcome	0.328	(0.439)	0.004	(0.037)	0.010	(0.037)	0.883	2644
			Adoption of recommended timing of weeding					
female outcome	0.205	(0.379)	-0.057 +	(0.030)	-0.004	(0.030)	0.078 +	2713
male outcome	0.189	(0.363)	0.041	(0.031)	0.010	(0.031)	0.320	2713
joint outcome	0.478	(0.468)	0.002	(0.039)	-0.056	(0.039)	0.139	2713

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Table A.9: Input use

	mean in ctrl	sd	female messenger	se	couple messenger	se	t-test	nobs
				Input use index				
female outcome	-0.025	(0.499)	0.011	(0.043)	0.037	(0.043)	0.552	2714
male outcome	0.005	(0.521)	0.041	(0.041)	0.026	(0.042)	0.717	2714
joint outcome	-0.021	(0.475)	0.046	(0.041)	0.037	(0.041)	0.815	2714
				Used DAP				
female outcome	0.020	(0.133)	-0.001	(0.012)	0.002	(0.012)	0.794	2714
male outcome	0.055	(0.217)	0.008	(0.017)	0.013	(0.017)	0.787	2714
joint outcome	0.048	(0.201)	0.020	(0.019)	0.011	(0.019)	0.651	2714
				Used UREA				
female outcome	0.011	(0.099)	0.002	(0.007)	0.003	(0.007)	0.785	2714
male outcome	0.015	(0.114)	0.017	(0.010)	0.012	(0.011)	0.645	2714
joint outcome	0.011	(0.095)	0.007	(0.010)	0.013	(0.010)	0.550	2714
				Used organic fertilizer				
female outcome	0.016	(0.111)	0.003	(0.012)	0.005	(0.012)	0.831	2714
male outcome	0.045	(0.196)	-0.015	(0.014)	-0.022	(0.015)	0.624	2714
joint outcome	0.065	(0.235)	0.022	(0.019)	0.007	(0.020)	0.460	2714
				Used hybrid seed				
female outcome	0.017	(0.116)	0.002	(0.011)	0.003	(0.011)	0.951	2714
male outcome	0.048	(0.204)	0.014	(0.017)	0.035 *	(0.017)	0.206	2714
joint outcome	0.036	(0.176)	-0.003	(0.015)	0.001	(0.015)	0.751	2714
				Used OPV				
female outcome	0.019	(0.129)	0.000	(0.012)	0.009	(0.012)	0.433	2714
male outcome	0.022	(0.087)	0.005	(0.007)	-0.004	(0.007)	0.200	2754
joint outcome	0.024	(0.091)	0.000	(0.007)	-0.002	(0.007)	0.764	2754

First column reports sample means in control (messenger = male co-head); standard deviations are in the second column; column 3 reports average treatment effects for the video featuring a female role-model farmer and column 4 reports standard error; column 5 reports average treatment effects for the video featuring a couple role-model and column 6 reports standard error; column 7 reports p-value for the hypothesis that the average treatment effect for the video featuring a female role-model farmer is equal to the average treatment effect for the video featuring a couple role-model; column 8 reports number of observations used. **, * and + indicates signficance at the 1, 5 and 10 percent level.

Table A.10: Production related outcomes

	mean in ctrl	sd	female messenger	se	couple messenger	se	t-test	nobs
				Production index				
female outcome	0.026	(0.801)	-0.092	(0.063)	-0.049	(0.064)	0.497	2644
male outcome	-0.010	(0.748)	0.086	(0.063)	0.056	(0.064)	0.635	2644
joint outcome	-0.012	(0.703)	0.073	(0.062)	-0.005	(0.062)	0.207	2644
				Total production				
female outcome	64.273	(227.836)	-25.137	(16.758)	-14.007	(16.997)	0.508	2754
male outcome	108.352	(354.496)	8.827	(26.478)	-1.337	(26.855)	0.702	2754
joint outcome	222.311	(417.654)	-9.445	(33.688)	-16.278	(34.168)	0.840	2754
				Area				
female outcome	0.152	(0.431)	-0.029	(0.037)	-0.004	(0.038)	0.502	2754
male outcome	0.268	(0.748)	0.044	(0.057)	0.037	(0.058)	0.905	2754
joint outcome	0.586	(0.874)	-0.027	(0.069)	-0.061	(0.070)	0.619	2754
				Has yield improved?				
female outcome	0.041	(0.177)	-0.010	(0.015)	-0.005	(0.015)	0.744	2644
male outcome	0.047	(0.194)	0.021	(0.016)	0.023	(0.016)	0.887	2644
joint outcome	0.119	(0.306)	0.072 **	(0.027)	0.012	(0.027)	0.026 *	2644
				Yield				
female outcome	112.428	(410.309)	-46.444 +	(24.952)	-31.421	(25.307)	0.549	2754
male outcome	105.176	(302.629)	26.657	(27.032)	1.767	(27.417)	0.359	2754
joint outcome	207.692	(340.322)	14.330	(30.528)	21.059	(30.963)	0.826	2754

First column reports sample means in control (messenger = male co-head); standard deviations are in the second column; column 3 reports average treatment effects for the video featuring a female role-model farmer and column 4 reports standard error; column 5 reports average treatment effects for the video featuring a couple role-model and column 6 reports standard error; column 7 reports p-value for the hypothesis that the average treatment effect for the video featuring a female role-model farmer is equal to the average treatment effect for the video featuring a couple role-model; column 8 reports number of observations used. **, * and + indicates signficance at the 1, 5 and 10 percent level.