

SUPPLEMENTARY MATERIAL



Figure S1. Study countries: Senegal (**Left**), Liberia (**Middle**), Ghana (**Right**).

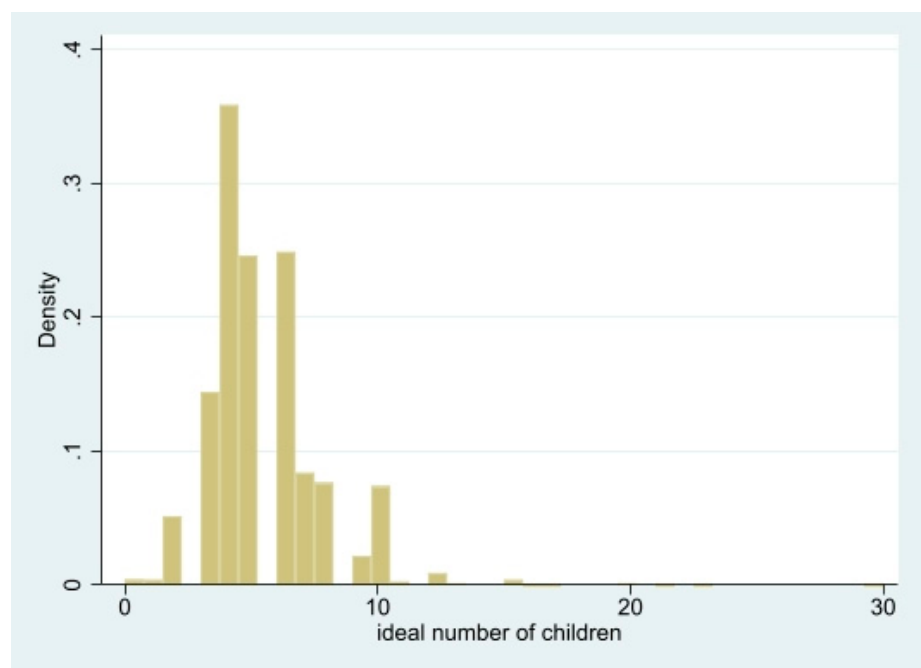


Figure S2. Dependent variable histogram.

```
. imb agen partage ipvcases specialdist literacy, treatment(trt)
(using the scott break method for L1 distance)
```

Multivariate L1 distance: .47719445

Univariate imbalance:

	L1	mean	min	25%	50%	75%	max
agen	.08006	.98418	0	1	1	1	0
partage	.08755	-4.0065	0	0	-1	-4	0
ipvcases	.11597	-.45311	0	0	0	-1	0
specialdist	.05768	.05768	0	0	0	1	0
literacy	.1369	.1369	0	0	0	1	0

Figure S3. Initial imbalance in covariates (Stata output).

```
. cem agen partage ipvcases specialdist literacy, treatment(trt)
```

Matching Summary:

Number of strata: 1674

Number of matched strata: 875

	0	1
All	5400	6194
Matched	4840	5492
Unmatched	560	702

Multivariate L1 distance: .36109327

Univariate imbalance:

	L1	mean	min	25%	50%	75%	max
agen	.04139	.04958	0	0	0	0	0
partage	.03268	-.05651	0	0	0	0	.
ipvcases	3.2e-15	8.7e-15	0	0	0	0	0
specialdist	6.9e-15	2.1e-15	0	0	0	0	0
literacy	6.2e-15	2.8e-15	0	0	0	0	0

Figure S4. Automated CEM summary (Stata output).

```
. cem agen partage ipvcases specialdist literacy, treatment(trt) k2k
(using the scott break method for imbalance)
```

Matching Summary:

Number of strata: 1674

Number of matched strata: 875

	0	1
All	5400	6194
Matched	3776	3776
Unmatched	1624	2418

Multivariate L1 distance: .32415254

Univariate imbalance:

	L1	mean	min	25%	50%	75%	max
agen	.04105	.06594	0	0	1	0	0
partage	.01933	-.04052	0	0	0	0	.
ipvcases	0	0	0	0	0	0	0
specialdist	0	0	0	0	0	0	0
literacy	0	0	0	0	0	0	0

Figure S5. K-to-K matching summary (Stata output).

```
. regress wantnumchild trt [iweight = cem_weights]
```

Source	SS	df	MS	Number of obs	=	9,479
Model	272.776119	1	272.776119	F(1, 9477)	=	57.62
Residual	44863.7479	9,477	4.73396095	Prob > F	=	0.0000
				R-squared	=	0.0060
				Adj R-squared	=	0.0060
Total	45136.524	9,478	4.7622414	Root MSE	=	2.1757

wantnumchild	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
trt	-.3408973	.0449076	-7.59	0.000	-.4289259	-.2528687
_cons	5.392022	.0332701	162.07	0.000	5.326805	5.457238

Figure S6. SATT estimate/univariate regression results (Stata output).

```
. regress wantnumchild trt currentuse childdeaths fpdesire [iweight = cem_weights]
```

Source	SS	df	MS	Number of obs	=	9,478
Model	3000.60397	4	750.150991	F(4, 9473)	=	168.66
Residual	42134.4681	9,473	4.44784842	Prob > F	=	0.0000
				R-squared	=	0.0665
				Adj R-squared	=	0.0661
Total	45135.072	9,477	4.7625907	Root MSE	=	2.1089

wantnumchild	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
trt	-.3365893	.0435672	-7.73	0.000	-.4219904	-.2511883
currentuse	-.3461172	.0479247	-7.22	0.000	-.4400598	-.2521745
childdeaths	.580221	.0258323	22.46	0.000	.5295842	.6308578
fpdesire	-.4705135	.0467973	-10.05	0.000	-.5622463	-.3787807
_cons	5.416826	.0381277	142.07	0.000	5.342087	5.491564

Figure S7. Multiple linear regression results (Stata output).