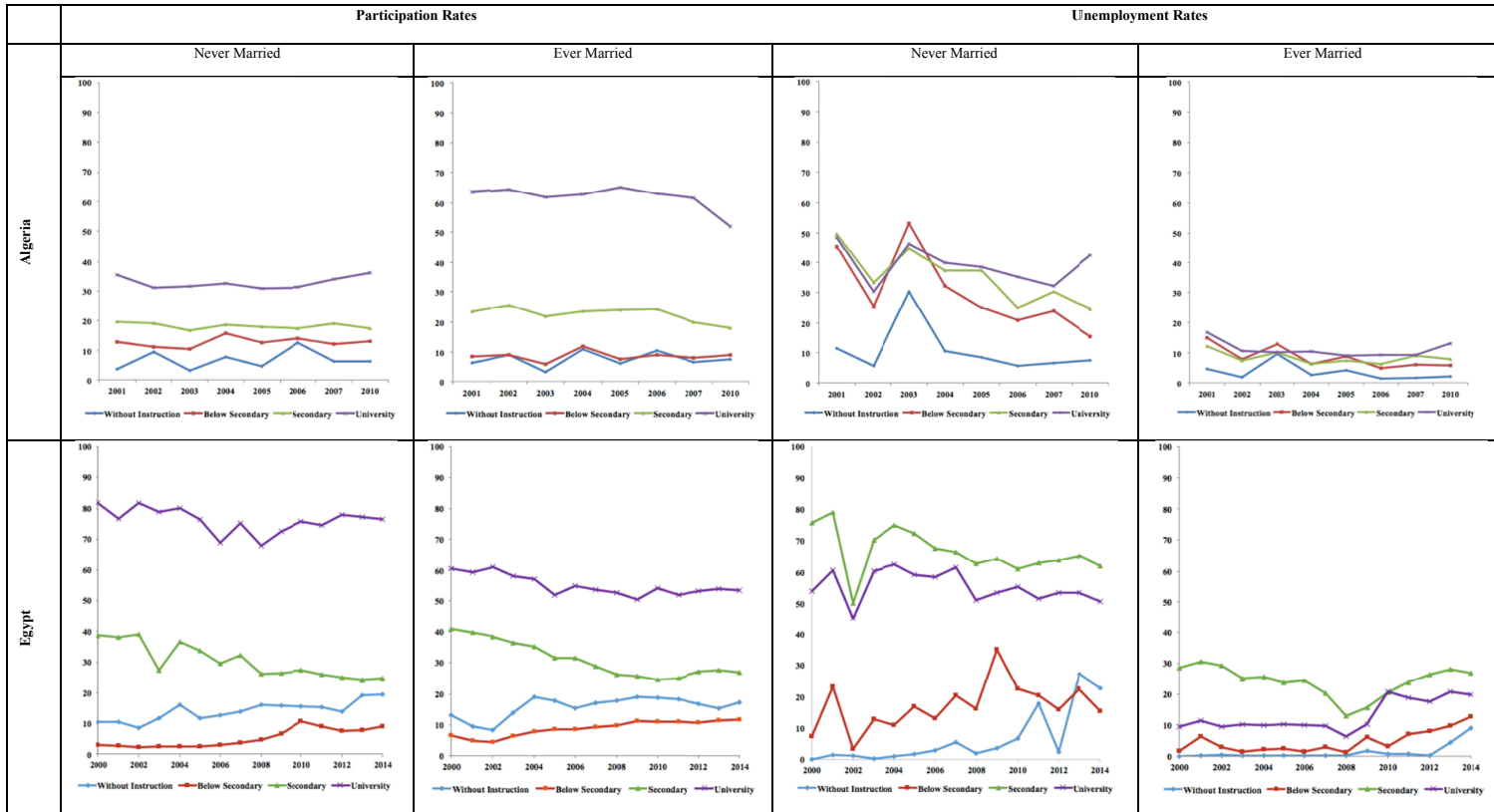


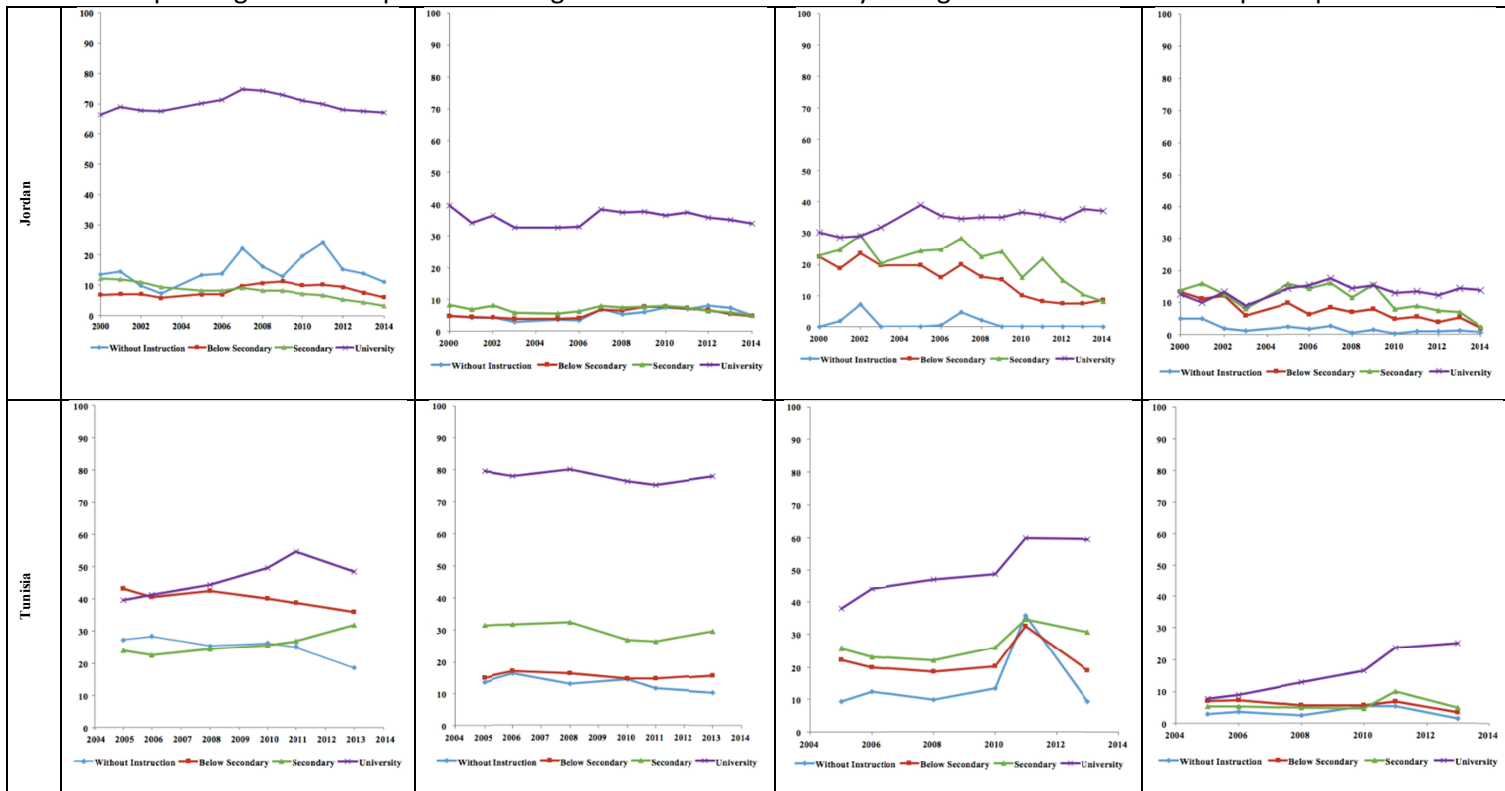
Online Appendix A

Figure A-1: Trends in female participation and unemployment rates by educational attainment and country (ages 15 to 64)



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Source: Computed by the authors based on data from official labor force surveys in each of the four countries. See data section in text for details.

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Table Error! No text of specified style in document.-1: Odds ratios from multinomial logit estimates of the probabilities of participation in government work, private wage work, private non-wage work, and unemployment. Year: 2010. Ages 15 to 64 by marital status and gender

Panel A: Never Married Women

	Government work				Private Wage Work				Private Non-Wage Work				Unemployment			
	DZ	EG	JO	TN	DZ	EG	JO	TN	DZ	EG	JO	TN	DZ	EG	JO	TN
Age	2.330***	1.897***	2.224***	2.258***	1.981***	1.644***	1.880***	1.729***	1.471***	1.233***	1.773***	1.569***	3.582***	1.490***	2.446***	2.168***
	-0.112	-0.088	-0.081	-0.060	-0.128	-0.077	-0.053	-0.022	-0.069	-0.065	-0.176	-0.026	-0.316	-0.080	-0.145	-0.044
Age squared	0.346***	0.468***	0.348***	0.376***	0.367***	0.500***	0.397***	0.452***	0.611***	0.775***	0.475***	0.573***	0.124***	0.498***	0.217***	0.303***
	-0.025	-0.034	-0.019	-0.015	-0.039	-0.041	-0.018	-0.009	-0.044	-0.064	-0.069	-0.014	-0.020	-0.053	-0.023	-0.011
<i>Educational Attainment (ref: university)</i>																
No certificate	0.009***	0.004***	0.004***	0.005***	0.127***	0.095***	0.144***	0.479***	1.489	0.746	0.088***	1.025	0.015***	0.007***	0.003***	0.068***
	-0.003	-0.001	-0.002	-0.001	-0.049	-0.014	-0.017	-0.028	-0.405	-0.169	-0.048	-0.091	-0.007	-0.001	-0.002	-0.005
Less than secondary certificate	0.049***	0.006***	0.022***	0.0159***	0.924	0.076***	0.165***	1.082**	4.318***	0.198***	0.175***	1.536***	0.104***	0.012***	0.031***	0.177***
	-0.007	-0.003	-0.002	-0.002	-0.131	-0.011	-0.012	-0.043	-0.949	-0.052	-0.046	-0.123	-0.013	-0.002	-0.003	-0.008
Secondary certificate	0.289***	0.080***	0.117***	0.149***	1.265	0.161***	0.140***	1.399***	4.163***	0.243***	0.134***	1.591***	0.386***	0.110***	0.093***	0.320***
	-0.031	-0.008	-0.009	-0.009	-0.189	-0.015	-0.010	-0.049	-0.958	-0.054	-0.038	-0.124	-0.041	-0.007	-0.007	-0.010
HH members working in the Government	1.294***	1.461***	1.246***	1.948***	0.813*	0.648***	0.892***	0.917**	0.812*	0.590***	0.787	0.816***	1.074	0.757***	1.019	0.920**
	-0.116	-0.134	-0.045	-0.104	-0.092	-0.053	-0.032	-0.032	-0.087	-0.098	-0.135	-0.057	-0.095	-0.038	-0.035	-0.033
HH members with a private wage work	0.915	1.320***	0.961	0.936	1.418***	3.024***	1.317***	2.746***	1.246**	0.799*	1.195	0.749***	1.041	1.261***	0.947	1.173***
	-0.085	-0.124	-0.046	-0.051	-0.155	-0.224	-0.038	-0.072	-0.127	-0.106	-0.145	-0.035	-0.093	-0.062	-0.038	-0.034
HH members with a private non-wage work	0.713***	0.953	0.909	0.809***	0.860	1.049	1.139**	0.790***	2.143***	8.635***	1.755***	3.560***	0.880	1.000	0.809***	0.792***
	-0.067	-0.103	-0.077	-0.049	-0.098	-0.088	-0.064	-0.023	-0.223	-1.413	-0.325	-0.158	-0.080	-0.053	-0.058	-0.025
Children <2	0.767*	0.853	0.866	0.787	0.667**	0.780	1.233*	0.706***	0.679**	1.034	0.308	0.746***	0.982	0.803*	1.325*	1.080

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	-0.118	-0.213	-0.178	-0.132	-0.137	-0.145	-0.153	-0.053	-0.115	-0.219	-0.319	-0.081	-0.143	-0.093	-0.193	-0.085	
Children between 3 and 5	0.898	0.802	0.963	0.924	0.851	0.902	1.071	0.995	1.105	0.935	1.388	1.122	1.062	1.135	0.870	1.027	
	-0.152	-0.176	-0.163	-0.166	-0.178	-0.130	-0.119	-0.067	-0.188	-0.168	-0.768	-0.115	-0.164	-0.096	-0.112	-0.081	
Children between 6 and 11	0.996	1.070	1.107	0.793**	1.560***	1.069	0.948	0.832***	0.881	0.864	0.495*	0.872**	1.083	0.897*	0.977	0.884***	
	-0.122	-0.129	-0.113	-0.081	-0.214	-0.096	-0.071	-0.033	-0.118	-0.116	-0.205	-0.059	-0.118	-0.051	-0.077	-0.039	
Children between 12 and 17	1.165	1.116	0.893	0.764***	0.976	1.091	0.779***	0.859***	1.078	1.017	0.991	0.904*	1.037	1.073	0.923	1.048	
	-0.127	-0.116	-0.076	-0.061	-0.125	-0.087	-0.049	-0.028	-0.125	-0.121	-0.288	-0.051	-0.102	-0.053	-0.061	-0.037	
Children >17	1.142	1.017	1.143	0.836**	1.101	1.417***	0.911	0.894***	1.232*	1.189	1.008	0.965	1.248**	1.048	0.922	1.055	
	-0.125	-0.110	-0.102	-0.067	-0.142	-0.114	-0.060	-0.029	-0.145	-0.144	-0.311	-0.056	-0.122	-0.054	-0.065	-0.038	
Constant	1.35e-07***	8.38e-06***	7.82e-07***	9.95e-08***	2.38e-06***	0.000240***	2.61e-05***	2.27e-05***	1.32e-05***	0.000214***	1.56e-06***	6.65e-06***	2.67e-09***	0.010***	4.28e-06***	4.17e-06***	
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.005	0.000	0.000
Regional dummies included	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Observations	773	1,071	1,239	2,200	397	1,239	2,139	9,975	464	556	89	3,126	692	3,245	1,674	7,214	

Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1.

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Panel B: Currently married women

	Government work				Private Wage Work				Private Non-Wage Work				Unemployment			
	DZ	EG	JO	TN	DZ	EG	JO	TN	DZ	EG	JO	TN	DZ	EG	JO	TN
Age	1.507***	1.277***	2.023***	1.711***	1.451***	1.229***	1.675***	1.305***	1.231***	1.073***	1.618***	1.235***	1.239*	0.898***	1.210***	1.132***
	-0.086	-0.023	-0.061	-0.035	-0.182	-0.042	-0.049	-0.019	-0.047	-0.012	-0.120	-0.017	-0.148	-0.023	-0.068	-0.029
Age squared	0.652***	0.831***	0.401***	0.561***	0.603***	0.760***	0.462***	0.675***	0.767***	0.912***	0.550***	0.791***	0.704**	1.066*	0.671***	0.788***
	-0.046	-0.019	-0.016	-0.014	-0.098	-0.034	-0.019	-0.012	-0.036	-0.013	-0.051	-0.013	-0.118	-0.039	-0.057	-0.027
<i>Educational Attainment (ref: university)</i>																
No certificate	0.005***	0.002***	0.006***	0.001***	0.035***	0.175***	0.475***	0.142***	0.548***	3.196***	0.231***	0.149***	0.003***	0.006***	0.011***	0.025***
	-0.001	0.000	-0.001	0.000	-0.015	-0.017	-0.047	-0.009	-0.111	-0.309	-0.058	-0.010	-0.003	-0.001	-0.006	-0.002
Less than secondary certificate	0.012***	0.007***	0.014***	0.003***	0.058***	0.118***	0.205***	0.180***	0.560***	1.366***	0.217***	0.125***	0.031***	0.014***	0.028***	0.018***
	-0.002	-0.001	-0.001	0.000	-0.018	-0.018	-0.015	-0.009	-0.107	-0.148	-0.039	-0.008	-0.009	-0.003	-0.004	-0.001
Secondary certificate	0.117***	0.223***	0.137***	0.045***	0.150***	0.213***	0.309***	0.305***	0.560***	1.360***	0.379***	0.187***	0.105***	0.233***	0.154***	0.028***
	-0.014	-0.008	-0.007	-0.002	-0.046	-0.019	-0.023	-0.015	-0.114	-0.134	-0.068	-0.012	-0.026	-0.012	-0.015	-0.002
HH members working in the Government	1.182	1.945***	1.335***	2.034***	0.319***	0.771***	0.889**	0.702***	0.807**	1.123***	1.132	0.960	0.812	1.403***	0.856	0.809***
	-0.153	-0.087	-0.060	-0.095	-0.099	-0.075	-0.051	-0.032	-0.075	-0.042	-0.119	-0.042	-0.215	-0.095	-0.092	-0.067
HH members with a private wage work	0.457***	0.728***	0.619***	0.611***	0.909	1.311***	1.081*	1.291***	0.802**	0.898***	1.156	0.807***	1.226	1.245***	0.633***	0.747***
	-0.066	-0.035	-0.031	-0.031	-0.260	-0.116	-0.046	-0.048	-0.072	-0.029	-0.103	-0.026	-0.322	-0.082	-0.072	-0.054
HH members with a private non-wage work	0.485***	0.661***	0.656***	0.602***	0.460**	0.493***	0.994	0.561***	1.140	2.961***	1.678***	2.544***	0.395***	1.435***	0.492***	0.557***
	-0.067	-0.035	-0.047	-0.032	-0.140	-0.053	-0.067	-0.024	-0.102	-0.097	-0.189	-0.079	-0.115	-0.094	-0.081	-0.043
Children <2	0.843	0.859***	0.797***	0.963	0.456***	0.625***	0.352***	0.731***	0.785***	0.930**	0.600***	0.900***	0.860	0.964	0.718***	0.813***
	-0.099	-0.040	-0.040	-0.041	-0.125	-0.056	-0.022	-0.024	-0.070	-0.030	-0.093	-0.032	-0.184	-0.048	-0.063	-0.045
Children between 3 and 5	0.798**	0.852***	0.921*	0.919**	0.398***	0.772***	0.506***	0.842***	1.078	1.049	0.780*	1.105***	0.644*	0.978	0.824**	0.772***
	-0.091	-0.034	-0.044	-0.038	-0.115	-0.060	-0.031	-0.028	-0.092	-0.031	-0.112	-0.037	-0.150	-0.049	-0.075	-0.047
Children between 6 and 11	0.802**	0.839***	0.868***	0.994	0.815	0.980	0.562***	0.847***	1.002	1.113***	1.082	1.114***	0.726	0.742***	0.735***	0.650***
	-0.090	-0.033	-0.046	-0.038	-0.210	-0.075	-0.035	-0.026	-0.086	-0.033	-0.158	-0.033	-0.184	-0.044	-0.082	-0.043

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Children between 12 and 17	0.797*	0.849***	0.770***	0.893***	0.657	0.949	0.696***	0.826***	1.092	1.144***	0.715**	1.035	1.150	1.049	0.934	0.911
	-0.095	-0.036	-0.044	-0.039	-0.192	-0.081	-0.048	-0.031	-0.093	-0.034	-0.099	-0.031	-0.334	-0.084	-0.146	-0.077
Children >17	1.021	0.881***	0.848***	0.901**	1.516	1.002	0.781***	0.931*	1.013	1.133***	0.867	1.084***	0.821	1.065	0.966	0.875
	-0.121	-0.037	-0.048	-0.040	-0.412	-0.086	-0.055	-0.034	-0.087	-0.034	-0.121	-0.033	-0.267	-0.086	-0.153	-0.076
Constant	0.000***	0.001***	3.11e-06***	1.90e-05***	0.001***	0.004***	0.000***	0.006***	0.002***	0.001***	3.37e-06***	0.001***	0.014**	2.669**	0.064***	0.210***
	0.000	0.000	0.000	0.000	-0.002	-0.003	0.000	-0.002	-0.001	0.000	0.000	0.000	-0.028	-1.122	-0.058	-0.097
Regional dummies included	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes	Yes	yes	yes
Observations	607	6058	3355	6785	81	928	1644	6267	743	7983	271 696	7271	109	2229		1915

Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1.

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Panel C: Never married men

	Government work				Private Wage Work				Private Non-Wage Work				Unemployment			
	DZ	EG	JO	TN	DZ	EG	JO	TN	DZ	EG	JO	TN	DZ	EG	JO	TN
Age	2.632***	2.809***	3.559***	2.674***	2.373***	2.167***	2.832***	2.461***	2.539***	1.936***	2.903***	2.402***	2.182***	1.600***	2.025***	2.210***
	(-0.096)	(-0.081)	(-0.112)	(-0.046)	(-0.076)	(-0.037)	(-0.073)	(-0.029)	(-0.088)	(-0.034)	(-0.108)	(-0.029)	(-0.095)	(-0.049)	(-0.062)	(-0.031)
Age squared	0.254***	0.266***	0.140***	0.282***	0.273***	0.340***	0.208***	0.286***	0.263***	0.419***	0.230***	0.310***	0.302***	0.491***	0.337***	0.322***
	(-0.015)	(-0.012)	(-0.008)	(-0.007)	(-0.015)	(-0.010)	(-0.009)	(-0.005)	(-0.015)	(-0.012)	(-0.014)	(-0.006)	(-0.023)	(-0.027)	(-0.018)	(-0.008)
<i>Educational Attainment (ref: university)</i>																
No certificate	0.189***	0.0392***	0.0297***	0.0221***	3.120***	0.613***	0.259***	0.650***	3.329***	0.792***	0.201***	0.727***	0.499**	0.0302***	0.0928***	0.131***
	(-0.058)	(-0.005)	(-0.005)	(-0.004)	(-0.521)	(-0.049)	(-0.028)	(-0.045)	(-0.643)	(-0.070)	(-0.039)	(-0.059)	(-0.158)	(-0.004)	(-0.013)	(-0.013)
Less than secondary certificate	2.390***	0.0508***	1.030	0.771***	17.85***	0.324***	1.558***	12.61***	16.81***	0.337***	2.262***	16.16***	6.685***	0.0185***	0.678***	3.127***
	(-0.199)	(-0.006)	(-0.078)	(-0.046)	(-1.591)	(-0.026)	(-0.119)	(-0.528)	(-1.849)	(-0.030)	(-0.255)	(-0.856)	(-0.634)	(-0.002)	(-0.055)	(-0.132)
Secondary certificate	2.622***	0.0942***	0.143***	0.987	4.418***	0.292***	0.197***	4.471***	6.227***	0.346***	0.226***	6.683***	2.146***	0.0900***	0.0679***	1.533***
	(-0.224)	(-0.008)	(-0.011)	(-0.040)	(-0.429)	(-0.021)	(-0.015)	(-0.156)	(-0.730)	(-0.028)	(-0.028)	(-0.318)	(-0.233)	(-0.007)	(-0.006)	(-0.051)
Constant	5.08e-08***	6.70e-08***	2.11e-08***	1.91e-08***	3.15e-07***	2.28e-05***	2.32e-07***	1.51e-07***	3.24e-08***	2.23e-05***	1.11e-08***	5.25e-08***	1.10e-06***	0.00432***	4.59e-05***	2.03e-06***
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(-0.002)	0.000	0.000
Regional dummies included	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Observations	1,837	1,992	6,866	4,707	3,723	12,359	7,002	19,737	2,198	6,631	1,143	11,780	1,422	3,391	3,451	11,011

Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1.

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Panel D: Currently married men

	Government work				Private Wage Work				Private Non-Wage Work				Unemployment			
	DZ	EG	JO	TN	DZ	EG	JO	TN	DZ	EG	JO	TN	DZ	EG	JO	TN
Age	1.687***	1.802***	0.952**	2.078***	1.375***	1.501***	0.974	1.685***	1.394***	1.512***	0.999	1.656***	1.363***	1.543***	0.902***	1.420***
	-0.078	-0.038	-0.021	-0.040	-0.064	-0.031	-0.021	-0.028	-0.063	-0.031	-0.023	-0.028	-0.110	-0.072	-0.028	-0.036
Age squared	0.505***	0.491***	0.878***	0.407***	0.591***	0.538***	0.884***	0.482***	0.608***	0.562***	0.907***	0.507***	0.617***	0.544***	0.983	0.587***
	-0.026	-0.012	-0.022	-0.009	-0.030	-0.013	-0.021	-0.009	-0.030	-0.013	-0.024	-0.010	-0.058	-0.031	-0.037	-0.017
<i>Educational Attainment (ref: university)</i>																
No certificate	0.191***	0.0920***	0.0853***	0.0296***	2.248***	1.243**	0.607***	1.107	1.370*	1.365***	0.514***	0.751***	0.675	0.161***	0.576***	1.183
	-0.034	-0.008	-0.008	-0.003	-0.456	-0.114	-0.048	-0.091	-0.262	-0.125	-0.047	-0.063	-0.262	-0.027	-0.085	-0.162
Less than secondary certificate	0.255***	0.119***	0.185***	0.0805***	1.388*	0.604***	0.597***	1.521***	1.041	0.587***	0.742***	1.275***	0.994	0.121***	0.786**	1.532***
	-0.042	-0.012	-0.011	-0.006	-0.264	-0.060	-0.037	-0.115	-0.187	-0.058	-0.051	-0.098	-0.332	-0.025	-0.086	-0.191
Secondary certificate	0.584***	0.357***	0.310***	0.187***	1.179	0.813**	0.799***	0.702***	1.112	0.698***	0.865*	0.804***	0.952	0.379***	0.720***	0.689***
	-0.107	-0.032	-0.021	-0.013	-0.247	-0.075	-0.054	-0.053	-0.220	-0.065	-0.065	-0.062	-0.347	-0.052	-0.087	-0.088
Constant	0.00132***	0.000167***	797.5***	2.43e-05***	0.0754**	0.0397***	84.06***	0.00189***	0.0393***	0.00742***	11.36***	0.00105***	0.00432***	0.00158***	37.61***	0.00481***
	-0.001	0.000	-375.600	0.000	-0.078	-0.017	-38.640	-0.001	-0.040	-0.003	-5.646	0.000	-0.008	-0.001	-24.440	-0.003
Regional dummies included	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Observations	3,934	16,507	11,051	17,765	2,812	20,038	12,597	30,695	3,533	18,745	5,707	24,133	224	486	1,395	2,342

Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1.

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Table Error! No text of specified style in document.-2. Probit estimates of the probability of being married by gender. Year: 2010. Ages 15 to 64

Variable	Algeria		Egypt		Jordan		Tunisia	
	Females	Males	Females	Males	Females	Males	Females	Males
Age	0.213***	0.428***	0.386***	0.519***	0.281***	0.491***	0.280***	0.414***
	-0.007	-0.012	-0.004	-0.005	-0.004	-0.006	-0.003	-0.004
Age squared	-0.176***	-0.377***	-0.426***	-0.533***	-0.291***	-0.486***	-0.262***	-0.370***
	-0.010	-0.015	-0.006	-0.007	-0.006	-0.009	-0.004	-0.006
<i>Educational Attainment (ref: university)</i>								
No certificate	0.674***	0.402***	0.718***	0.515***	0.144***	0.217***	0.373***	0.148***
	-0.039	-0.062	-0.020	-0.020	-0.027	-0.036	-0.015	-0.023
Less than secondary certificate	0.621***	0.215***	0.610***	0.409***	0.387***	0.485***	0.408***	0.236***
	-0.031	-0.040	-0.024	-0.024	-0.018	-0.021	-0.013	-0.015
Secondary certificate	0.565***	0.218***	0.430***	0.269***	0.0320*	0.245***	0.392***	0.140***
	-0.034	-0.044	-0.018	-0.018	-0.018	-0.023	-0.012	-0.015
Proportion married in the individual's province of residence by age18	-1.233	4.350*	0.734***	0.343***	0.037	1.292	1.397	3.493
	-1.832	-2.303	-0.123	-0.125	-0.827	-0.981	-2.614	-3.271
Proportion married in the individual's province of residence by age19 to 21	0.389**	1.230***	0.485***	0.182	0.440	-0.459	0.622**	-0.673**
	-0.196	-0.241	-0.136	-0.146	-0.378	-0.438	-0.255	-0.308
Proportion married in the individual's province of residence by age 22 to 24	0.421***	0.266**	0.443***	1.068***	0.359	1.238***	0.188	1.304***
	-0.110	-0.135	-0.161	-0.173	-0.226	-0.271	-0.122	-0.151
Proportion married in the individual's province of residence by age 25 to 27	0.455***	0.482***	0.638***	0.270	0.217	-0.050	0.193	0.258
	-0.107	-0.131	-0.179	-0.193	-0.229	-0.280	-0.132	-0.163
Proportion married in the individual's province of residence by age 28 to 30	0.248**	0.560***	0.590***	0.404*	0.383*	0.561**	0.549***	0.684***
	-0.110	-0.136	-0.220	-0.237	-0.213	-0.260	-0.161	-0.204

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Proportion married in the individual's province of residence by age 31 to 35	0.542***	0.270*	0.356	-0.097	0.677*	0.269	0.807***	-1.159***
	-0.130	-0.159	-0.325	-0.360	-0.400	-0.473	-0.135	-0.178
Proportion married in the individual's province of residence by age older than 36	2.256***	2.220***	3.913***	0.874	1.902**	0.047	2.549***	6.079***
	-0.344	-0.421	-0.888	-0.965	-0.787	-0.932	-0.305	-0.400
Regional dummies included	yes	yes	yes	yes	yes	yes	yes	yes
Constant	-8.040***	-13.14***	-12.54***	-12.58***	-8.337***	-11.50***	-9.563***	-15.21***
	-0.319	-0.427	-0.828	-0.887	-0.509	-0.615	-0.265	-0.349
Observations	24,307	24,574	93,048	93,133	61,004	63,375	166,623	150,096

Note: i. Standard errors in parentheses *** p<0.01, ** p<0.05, * p<0.1.

ii. We use these equations to predict propensity scores for being married. We use these propensity scores to create weights to apply to our multinomial logit models.

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Table Error! No text of specified style in document.-3: T-statistic for a test of whether differences in probabilities across last and first year, last and middle year, and middle and first year are statistically significant

Panel A: Women

		Algeria		Egypt		Jordan		Tunisia	
		Never Married	Currently Married	Never Married	Currently Married	Never Married	Currently Married	Never Married	Currently Married
Last - First Years	Government work	-1.924 *	-1.274	-13.118 ***	-4.764 ***	-6.040 ***	-13.009 ***	-11.115 ***	-10.957 ***
	Private Non-Wage Work	2.574 **	1.149	-1.465	-3.657 ***	-3.235 ***	-1.348	2.157 **	-1.521
	Private Wage Work	1.403	1.019	3.801 ***	-0.053	2.460 **	8.206 ***	2.246 **	-0.008
	Unemployment	0.086	-1.115	4.532 ***	6.821 ***	4.935 ***	3.915 ***	19.023 ***	10.905 ***
	Inactivity	1.723 *	1.426	8.946 ***	0.254	0.623	4.026 ***	-6.876 ***	-0.568
Last - Middle Years	Government work	0.930	-1.021	-7.692 ***	-5.417 ***	-2.860 ***	-9.682 ***	-10.465 ***	-13.801 ***
	Private Non-Wage Work	1.632 *	3.691 ***	3.551 ***	1.187	-0.849	-1.572	-2.007 **	-8.499 ***
	Private Wage Work	0.600	2.992 ***	-0.527	0.824	-1.021	5.410 ***	-4.359 ***	-3.105 ***
	Unemployment	-0.154	-2.237 **	1.445	5.689 ***	2.325 **	1.587	15.718 ***	15.659 ***
	Inactivity	-1.465	0.262	5.916 ***	-0.196	1.019	2.956 ***	-5.909 ***	-3.159 ***
Middle - First Years	Government work	-2.586 **	-0.483	-7.685 ***	0.179	-4.049 ***	-4.852 ***	-4.243 ***	-1.749 *
	Private Non-Wage Work	1.506	-1.686 *	-3.010 ***	-3.967 ***	-2.903 ***	-0.030	3.790 ***	6.092 ***
	Private Wage Work	0.836	-1.055	4.010 ***	-0.706	3.427 ***	3.755 ***	5.743 ***	2.459 **
	Unemployment	0.227	0.790	3.356 ***	1.732 *	3.226 ***	2.816 ***	5.808 ***	-1.116
	Inactivity	2.907 ***	1.168	3.809 ***	0.401	-0.183	1.605	-2.728 ***	1.961 *

Note: Significant at 10% (*), 5% (**), and 1% (***) .

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Panel B: Men

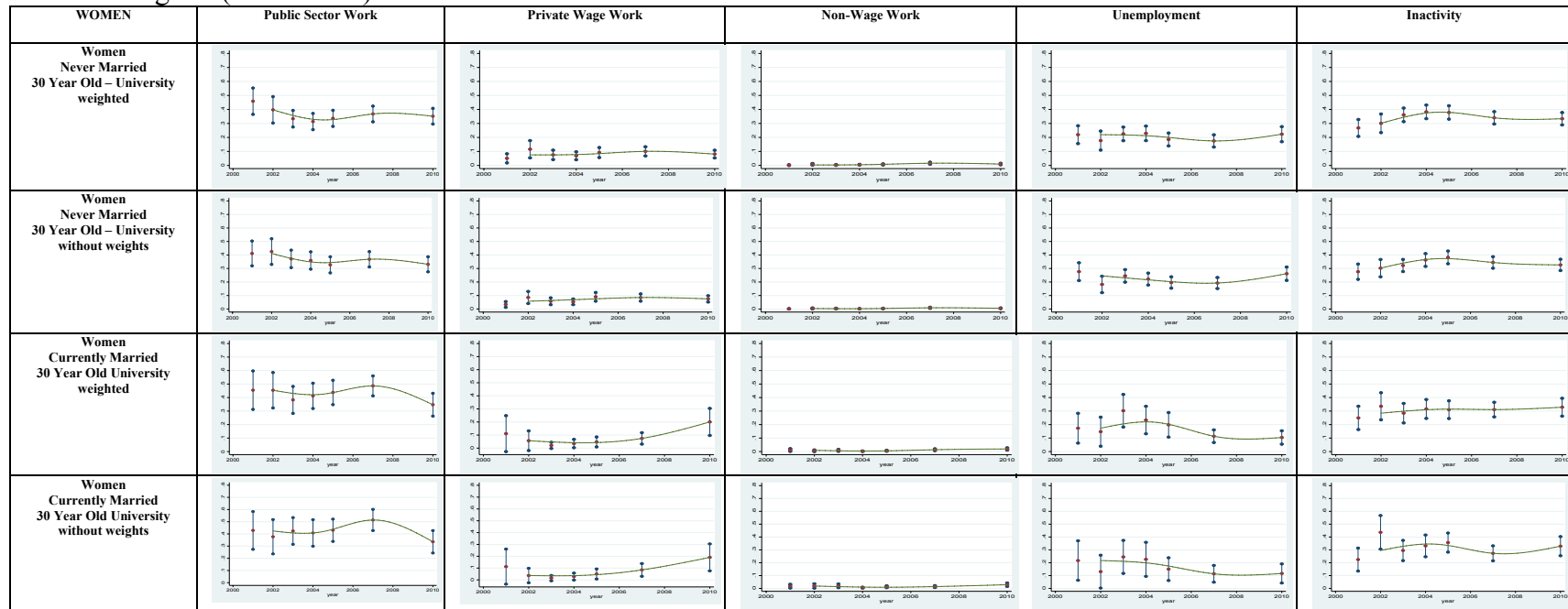
		Algeria		Egypt		Jordan		Tunisia	
		Never Married	Currently Married	Never Married	Currently Married	Never Married	Currently Married	Never Married	Currently Married
Last - First Years	Government work	-1.692 *	-1.104	-19.098 ***	-18.478 ***	-0.214	-0.858	-8.117 ***	-4.205 ***
	Private Non-Wage Work	5.597 ***	1.711 *	-4.229 ***	-2.975 ***	-5.248 ***	-3.729 ***	-2.501 **	0.958
	Private Wage Work	6.210 ***	4.079 ***	9.372 ***	11.644 ***	4.220 ***	2.298 **	2.006 **	2.081 **
	Unemployment	-5.685 ***	-5.924 ***	11.132 ***	10.848 ***	5.309 ***	1.220	18.328 ***	5.575 ***
	Inactivity	0.046	1.219	2.575 **	6.455 ***	-7.385 ***	1.462	-9.251 ***	-1.115
Last - Middle Years	Government work	-1.493	-5.614 ***	-9.572 ***	-7.032 ***	-2.129 **	-2.019 **	-7.099 ***	-0.286
	Private Non-Wage Work	0.499	2.995 ***	-2.085 *	-1.464	-0.002	-1.305	-7.046 ***	-4.871 ***
	Private Wage Work	8.419 ***	6.186 ***	2.839 ***	0.405	-1.319	0.211	-1.806 *	0.583
	Unemployment	-5.056 ***	-3.927 ***	2.919 ***	8.729 ***	4.423 ***	4.128 ***	14.524 ***	4.569 ***
	Inactivity	-0.160	-0.193	5.504 ***	2.748 **	0.198	4.065 ***	-3.209 ***	4.618 ***
Middle - First Years	Government work	-0.454	3.455 ***	-11.959 ***	-13.033 ***	1.611	0.932	-2.616 **	-4.036 ***
	Private Non-Wage Work	5.230 ***	-0.754	-2.713 ***	-1.781	-5.316 ***	-2.780 ***	3.059 ***	4.819 ***
	Private Wage Work	-1.007	-1.127	7.059 ***	11.322 ***	5.555 ***	2.215 **	3.576 ***	1.654
	Unemployment	-1.705 *	-3.910 ***	8.454 ***	2.727 ***	1.420	-2.565 **	6.175 ***	1.937 *
	Inactivity	0.179	1.352	-1.802	4.210 ***	-7.569 ***	-2.006 **	-7.004 ***	-4.264 ***

Note: Significant at 10% (*), 5% (**), and 1% (***) .

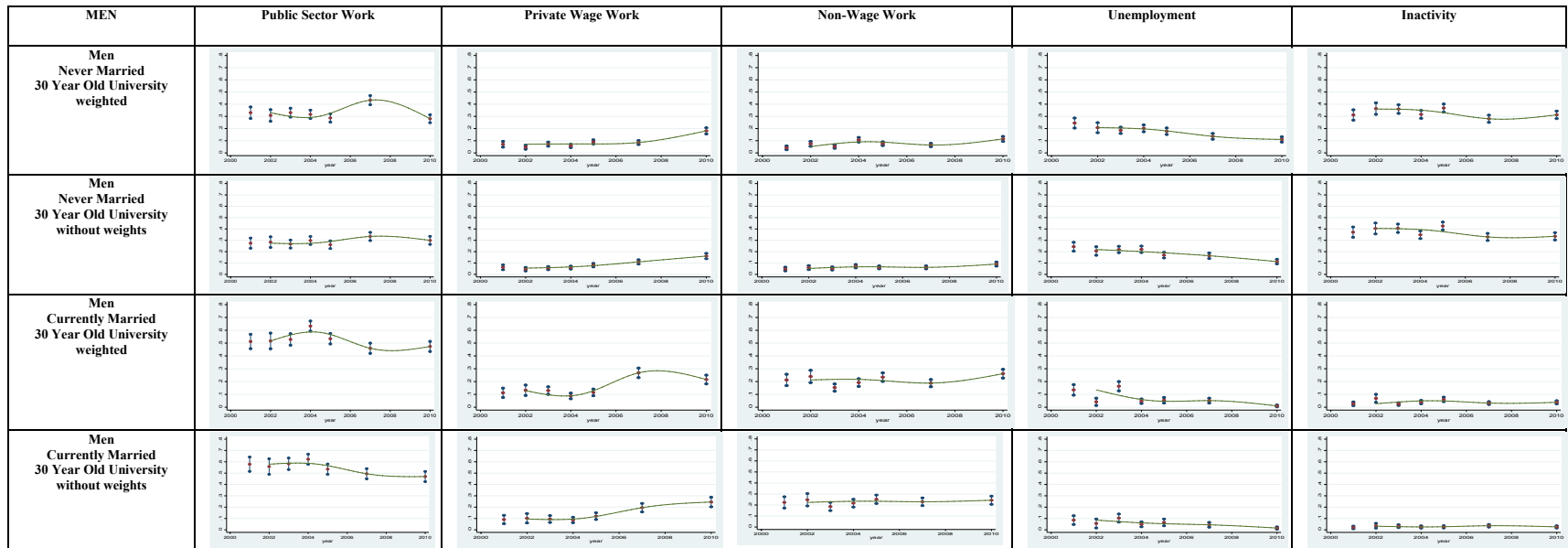
Online Appendix B: Sensitivity Analysis

Figure B-1: Sensitivity analysis for the use of propensity score weights– five labor market states – university-educated, by country and gender

Panel A: Algeria (2001–2010)

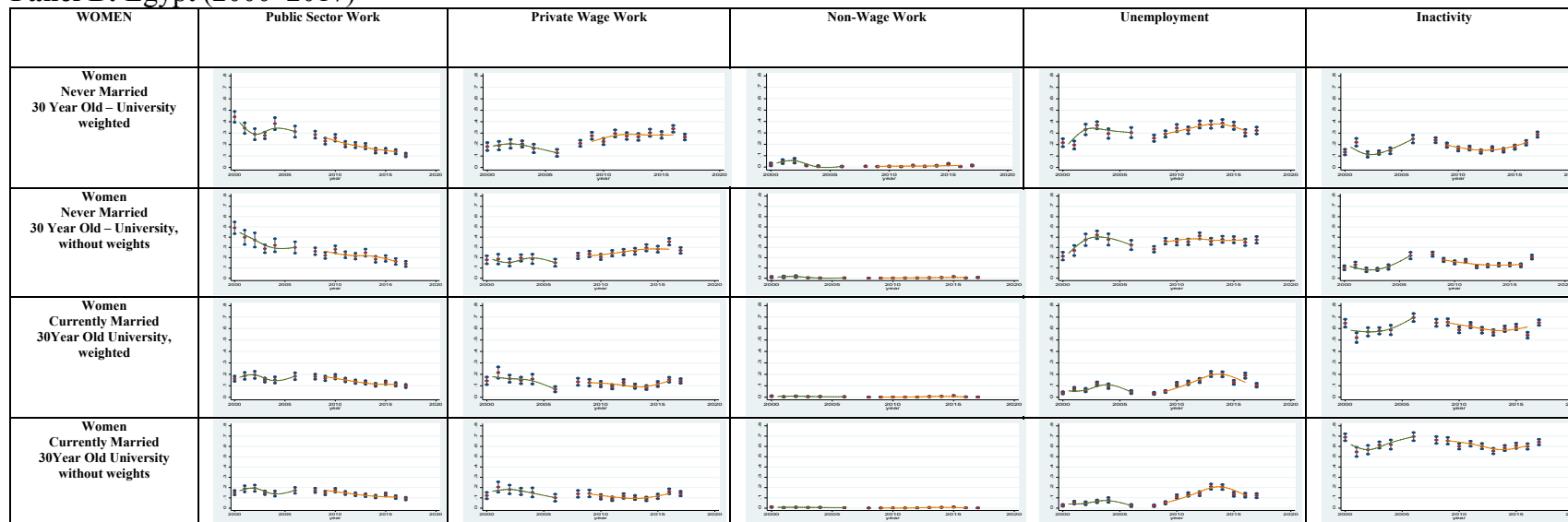


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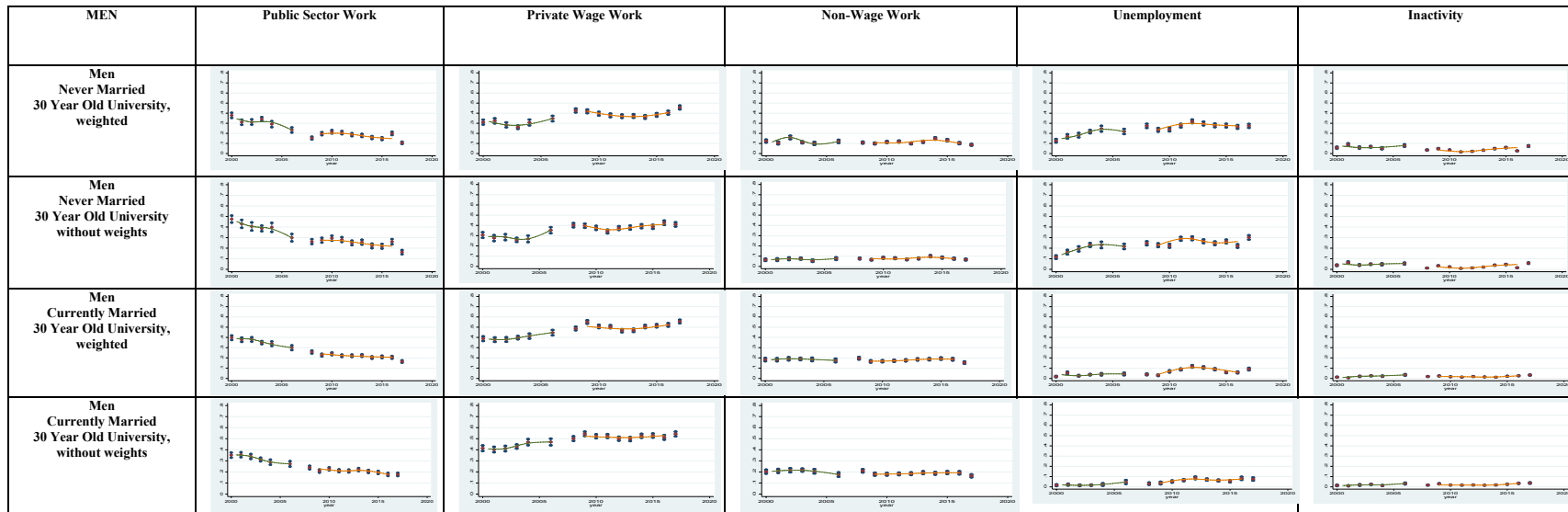


'Explaining the MENA paradox: Rising educational attainment yet stagnant female labor force participation'

Panel B: Egypt (2000–2017)

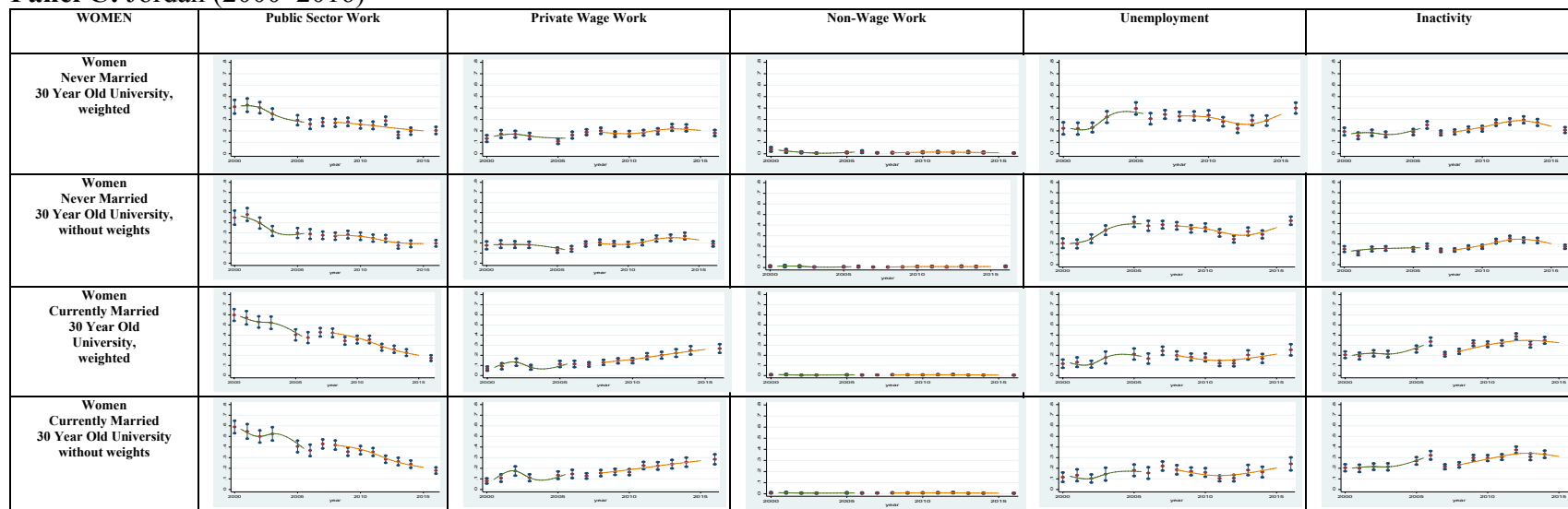


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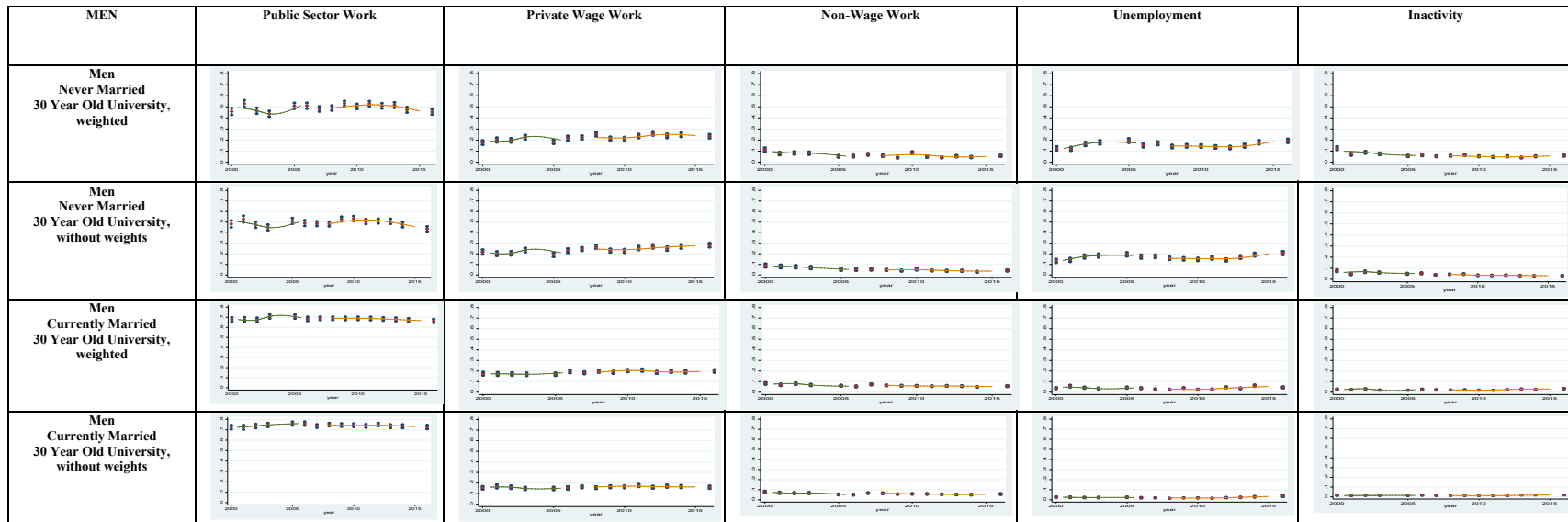


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Panel C: Jordan (2000–2016)

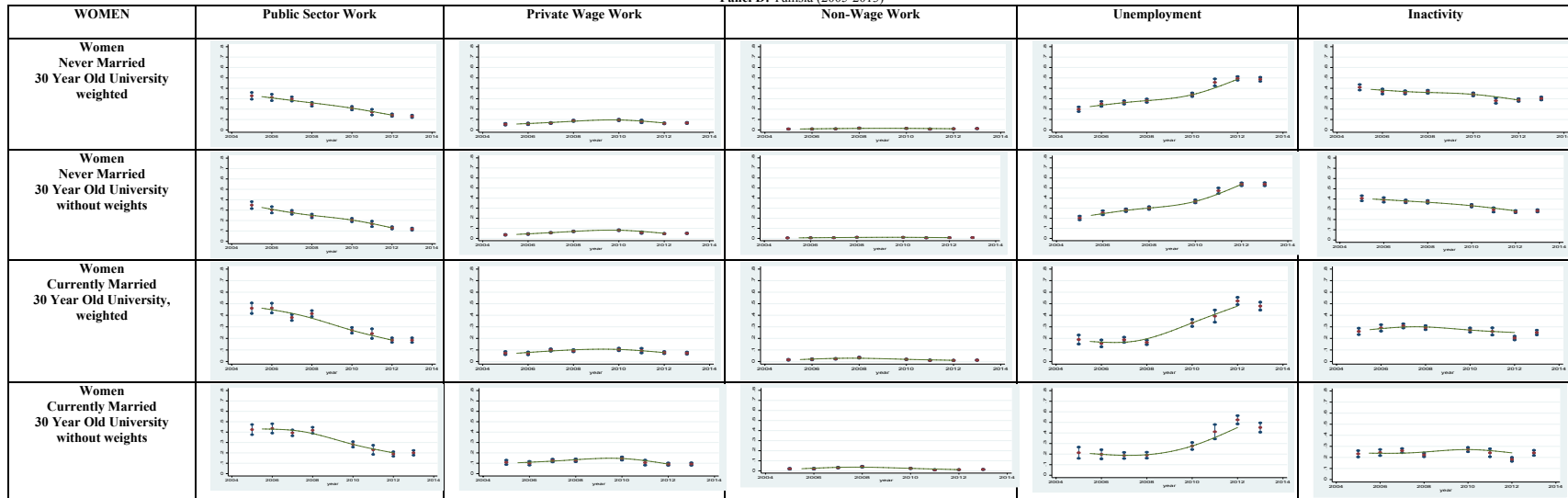


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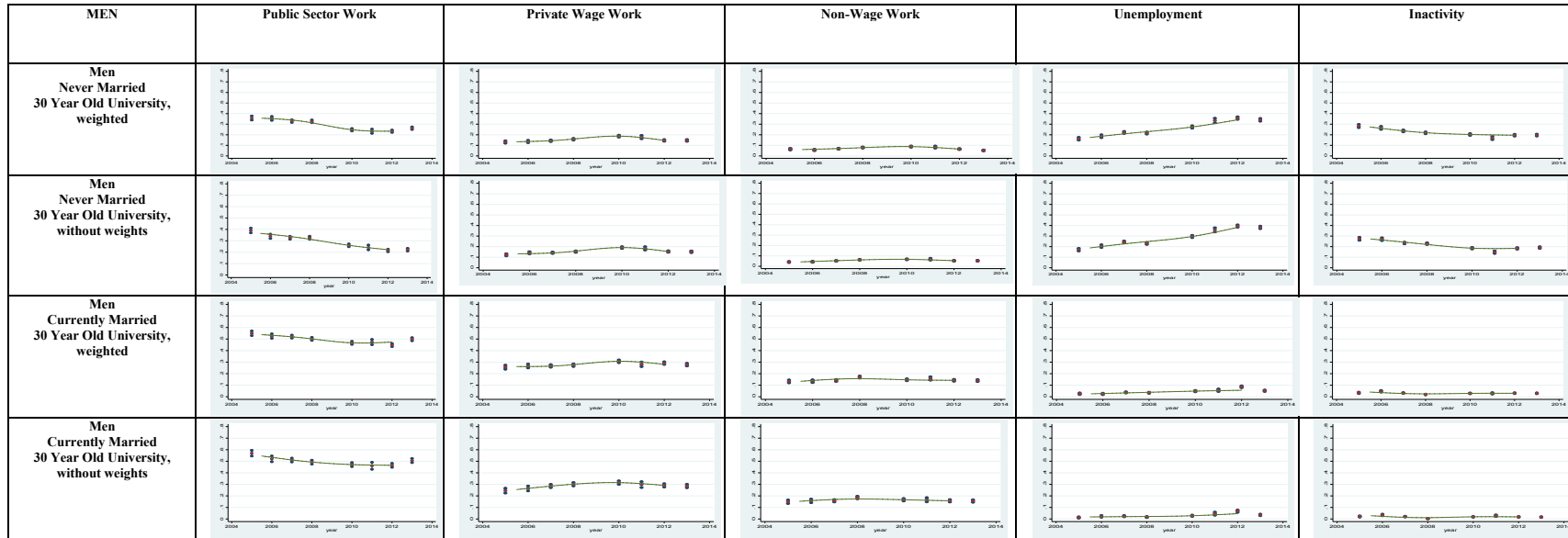


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Panel D: Tunisia (2005-2013)

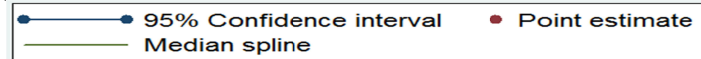


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Source: Computed by authors based on data from official labor force surveys in each of the four countries. See data section in text for details.

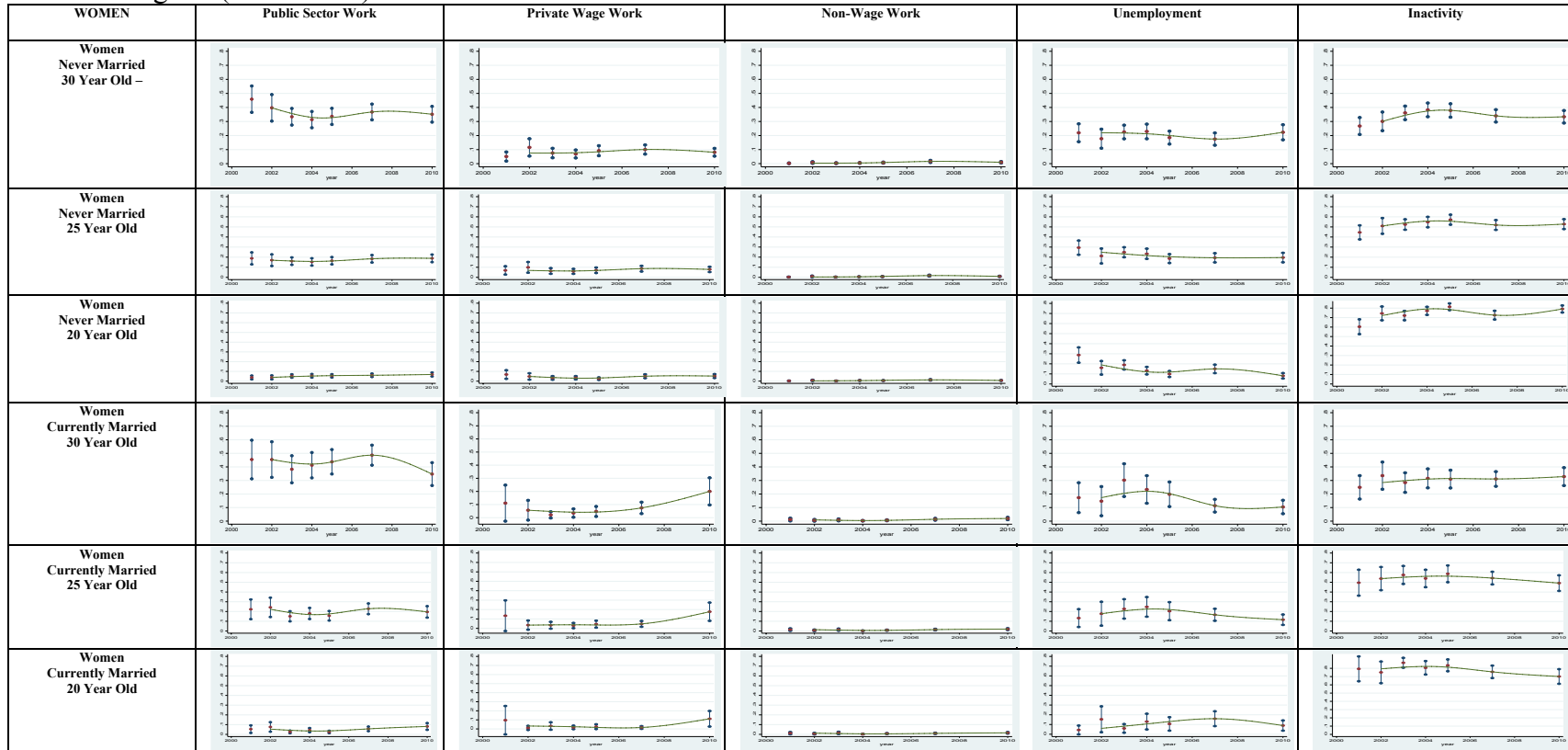
Note: Simulations are carried out for a 20, 25 and 30 year old) university-educated female and male residing in an urban area in the region of her country that includes the capital city. Four-period splines are used to smooth fluctuations in the simulation results.



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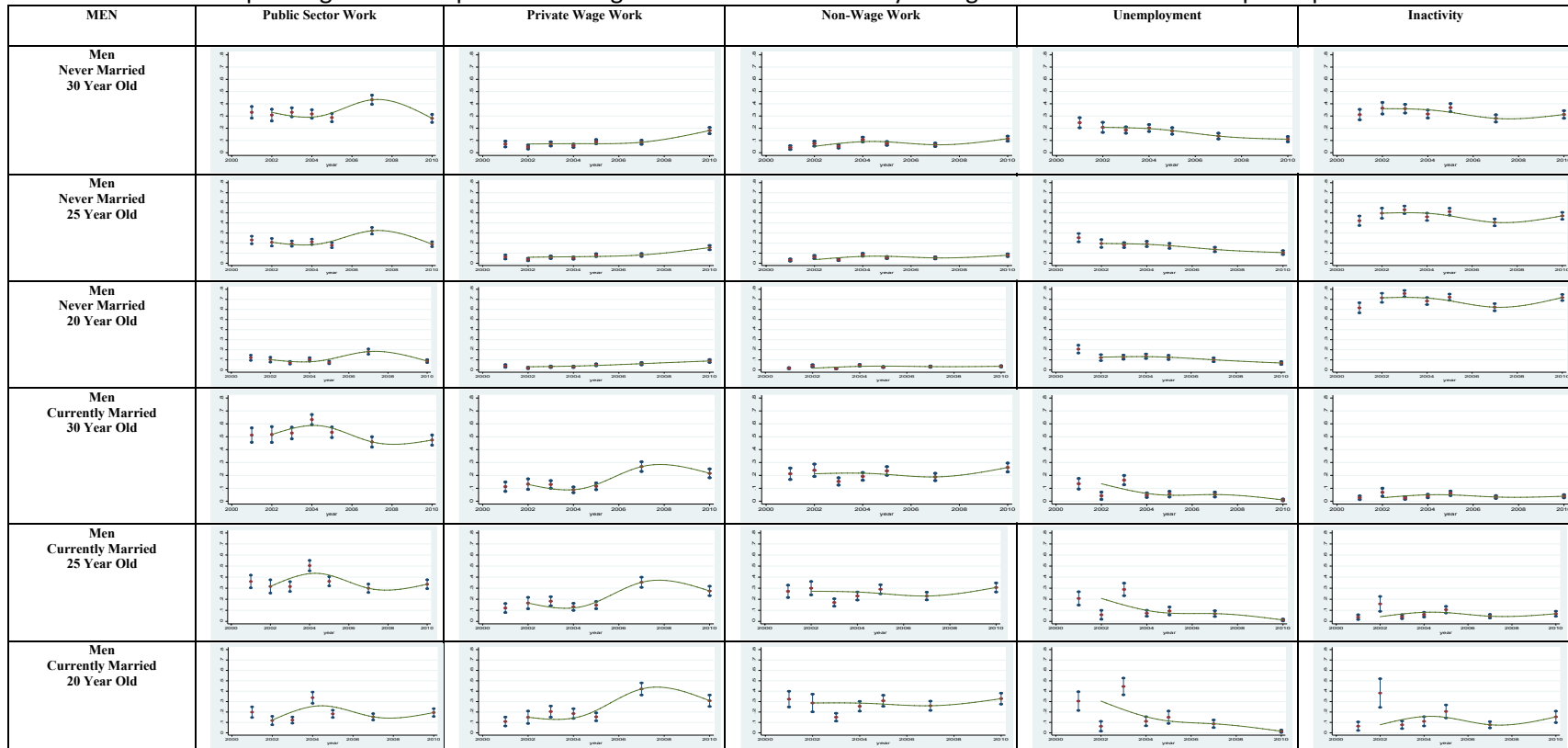
Figure B-2: Sensitivity analysis to varying reference individual age– five labor market states – university-educated, by country and gender

Panel A: Algeria (2001–2010)



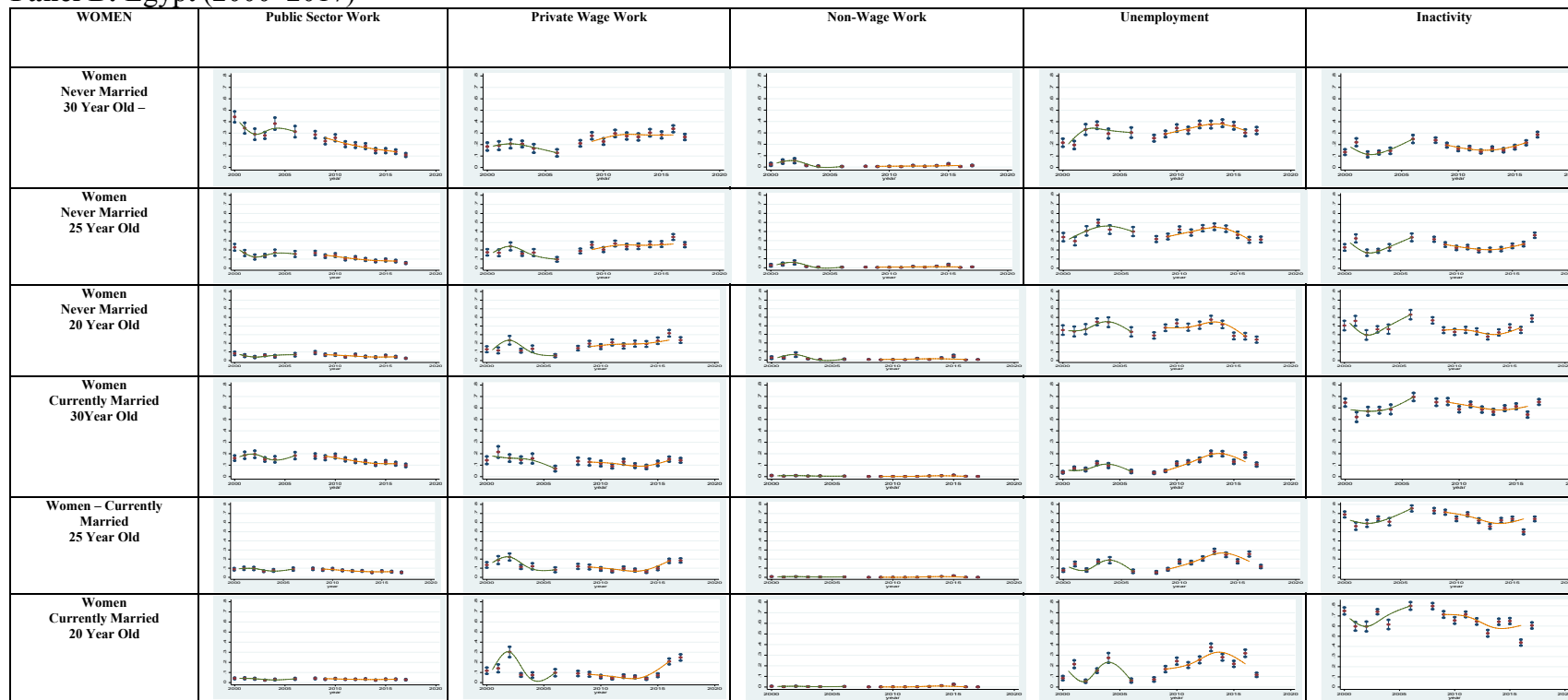
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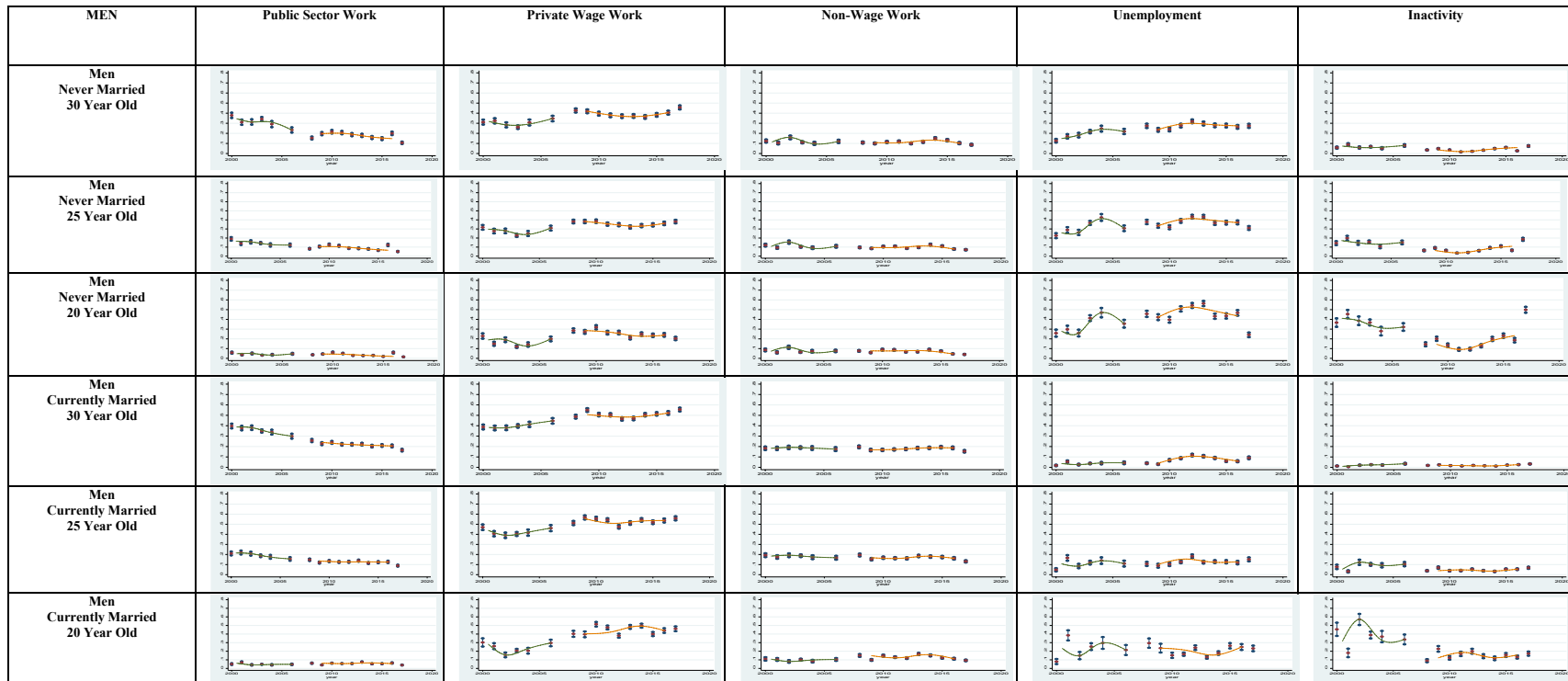


'Explaining the MENA paradox: Rising educational attainment yet stagnant female labor force participation'

Panel B: Egypt (2000–2017)

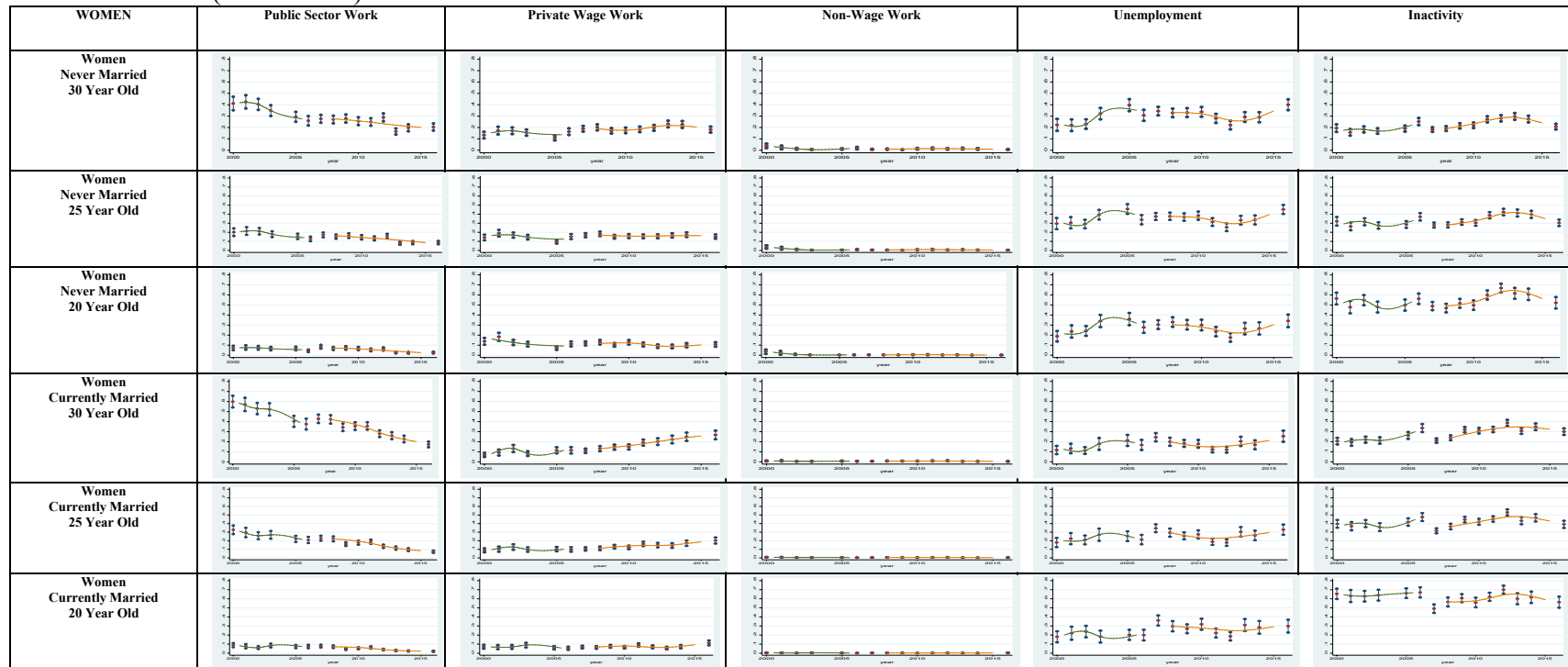


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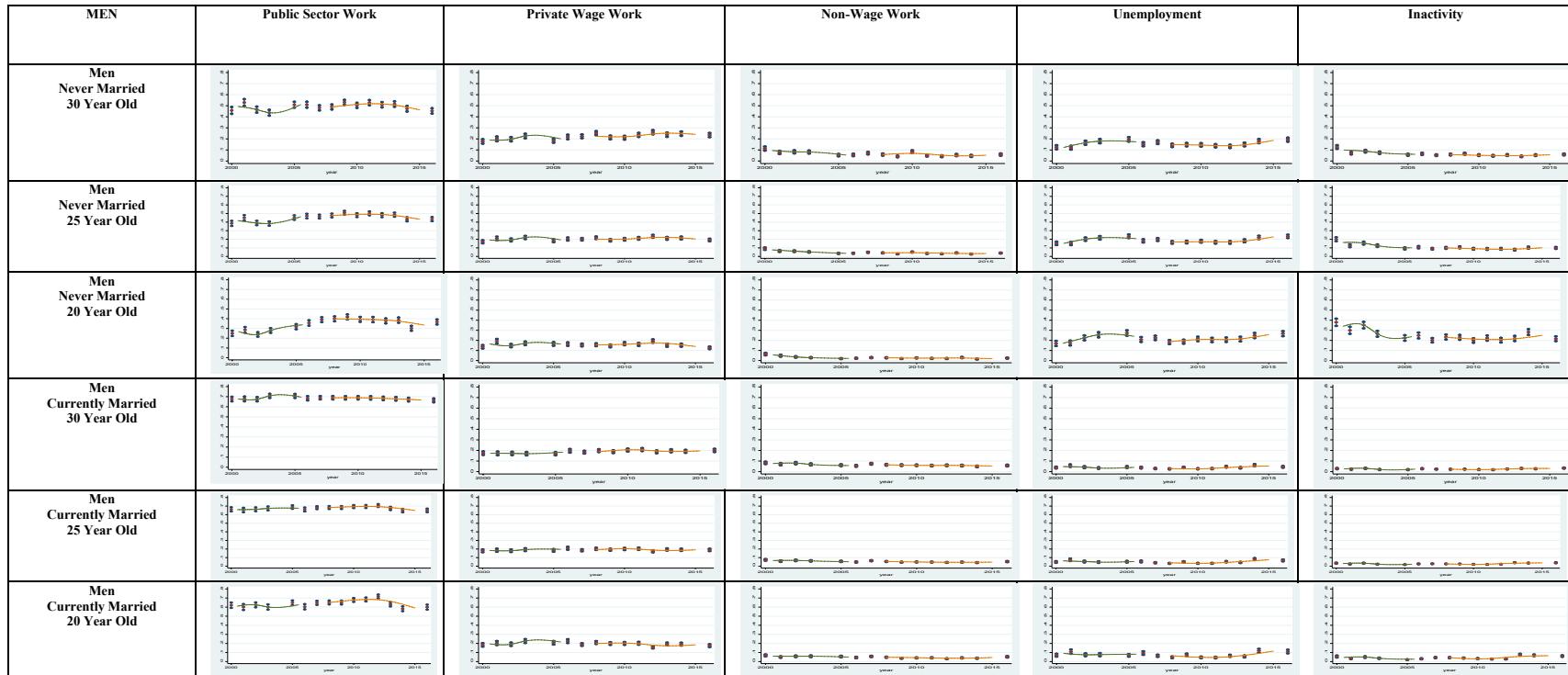


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Panel C: Jordan (2000–2016)

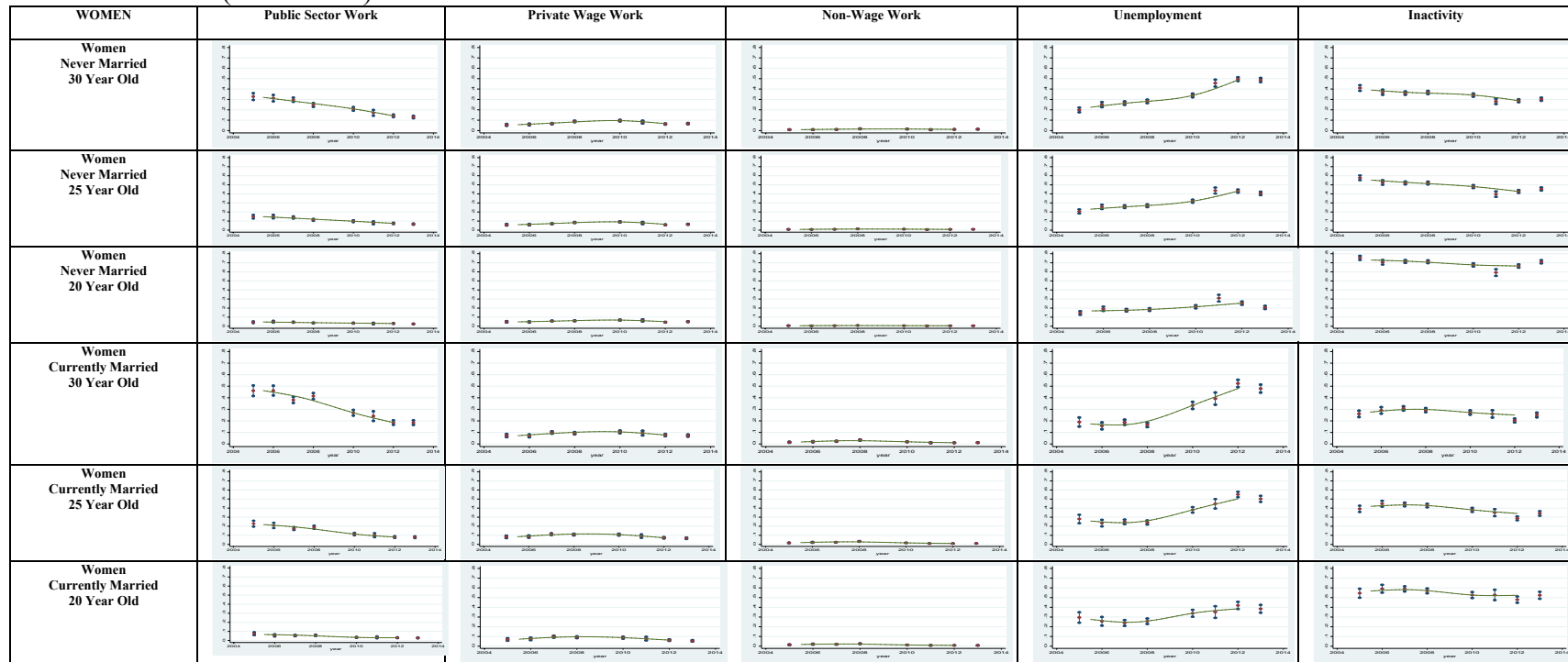


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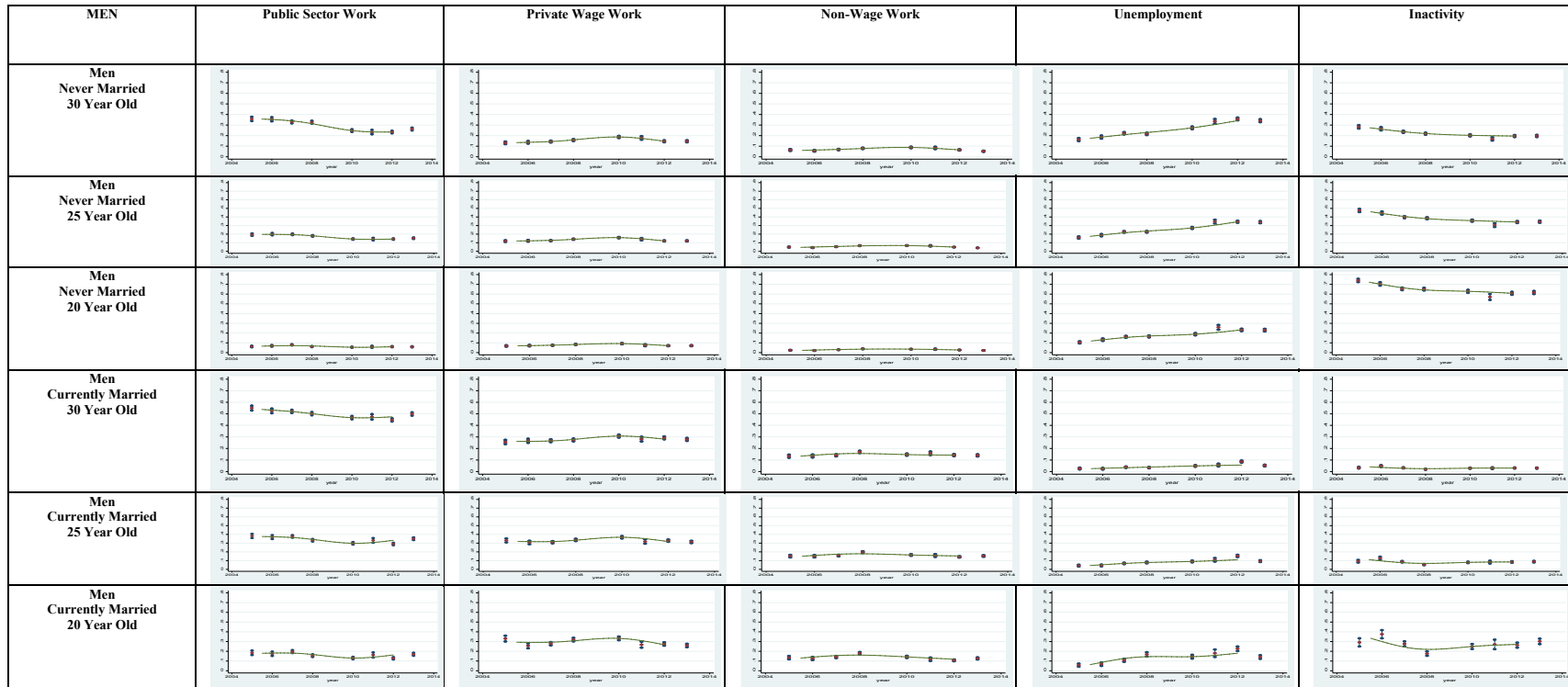


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Panel D: Tunisia (2005–2013)

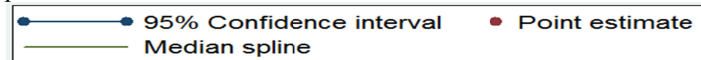


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Source: Computed by authors based on data from official labor force surveys in each of the four countries. See data section in text for details.

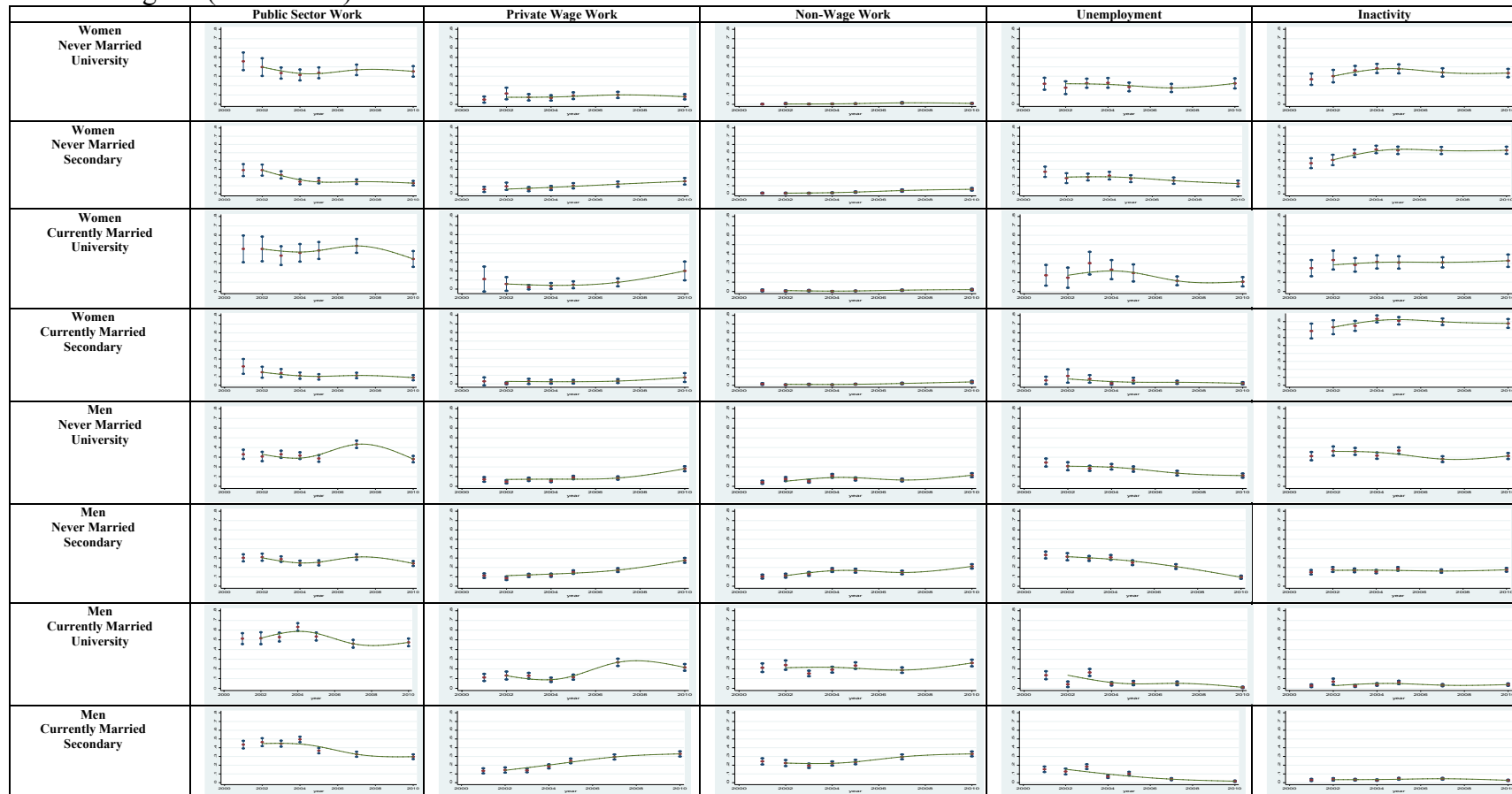
Note: Simulations are carried out for a 20, 25 and 30 year old) university-educated female and male residing in an urban area in the region of her country that includes the capital city. Four-period splines are used to smooth fluctuations in the simulation results.



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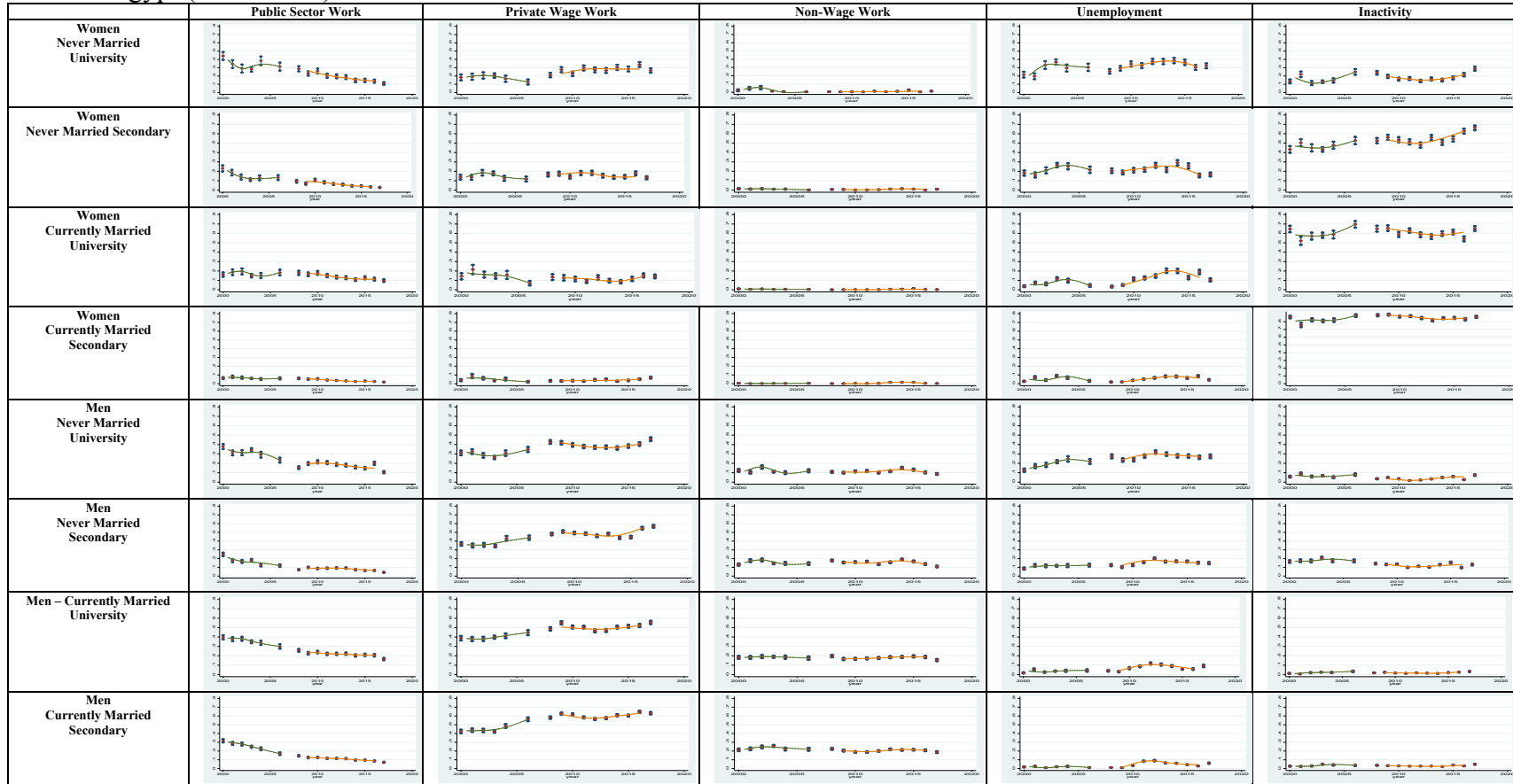
Figure B-3: Sensitivity analysis to varying reference individual education from university to secondary by country and gender

Panel A: Algeria (2001–2010)

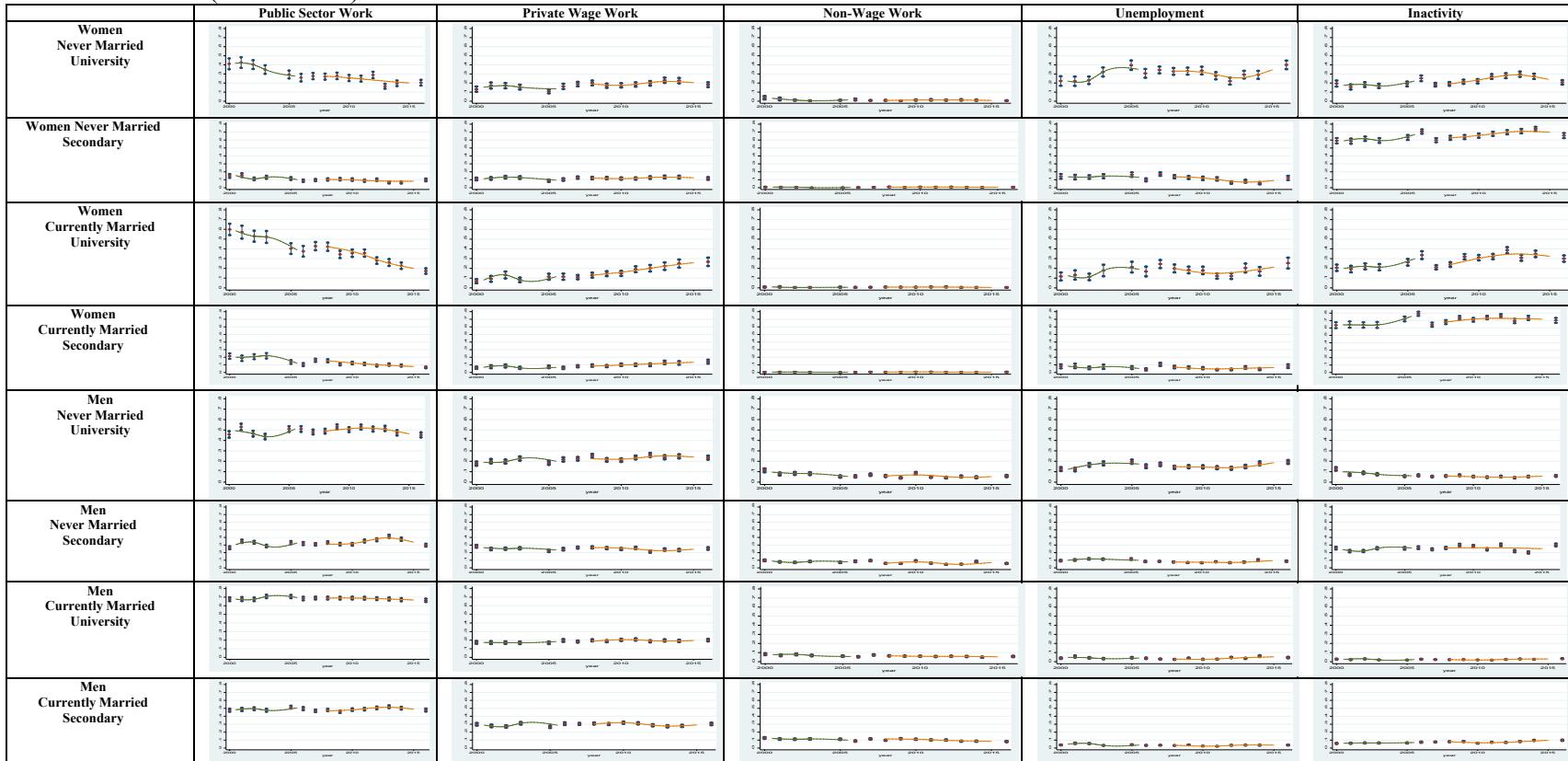


'Explaining the MENA paradox: Rising educational attainment yet stagnant female labor force participation'

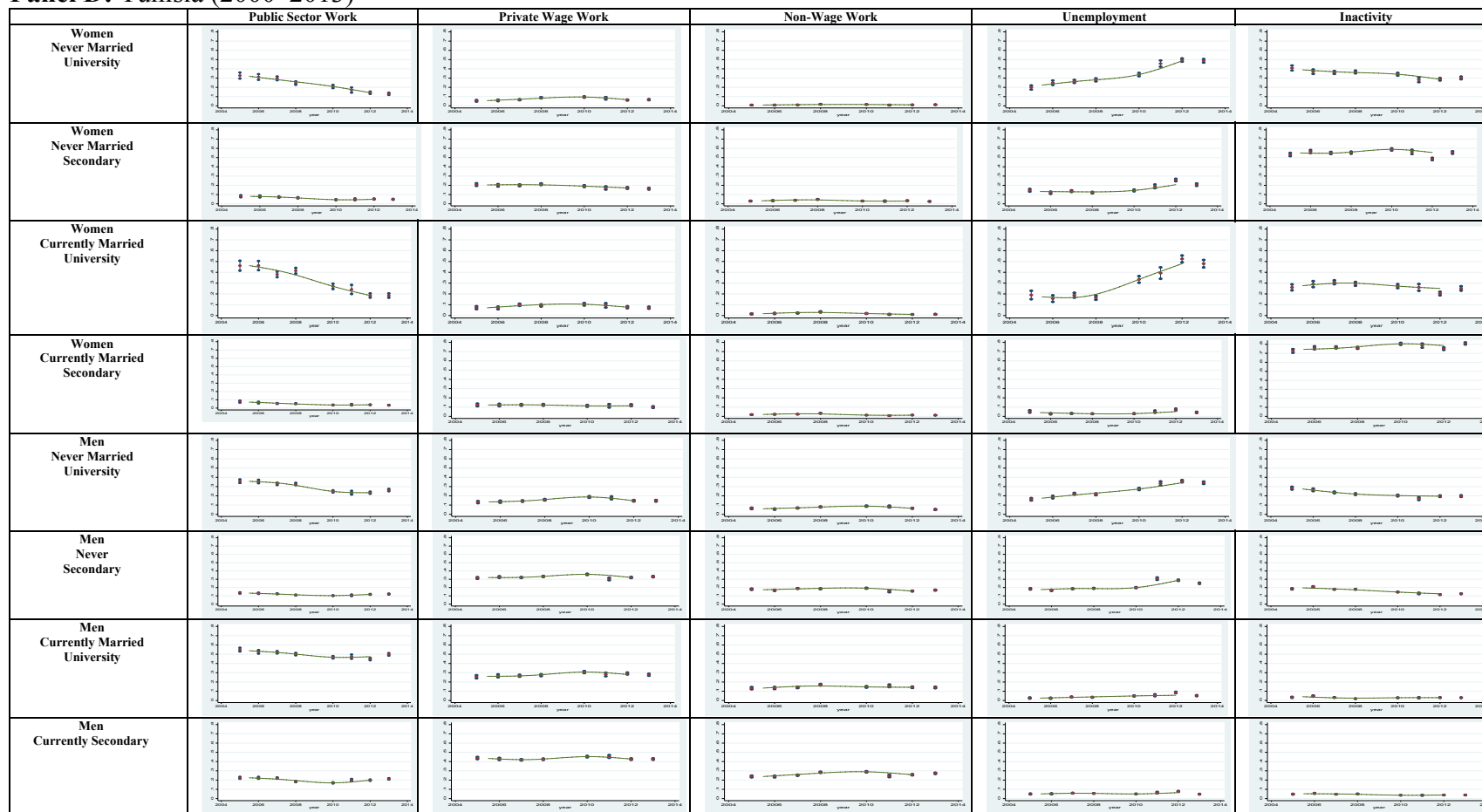
Panel B: Egypt (2000–2017)



Panel C: Jordan (2000–2016)



Panel D: Tunisia (2000–2013)



Source: Computed by authors based on data from official labor force surveys in each of the four countries. See data section in text for details.

Note: Simulations are carried out for a 20, 25 and 30-year old) university-educated female and male residing in an urban area in the region of her country that includes the capital city. Four-period splines are used to smooth fluctuations in the simulation results.

