

Appendix to the article

The persistent risk of in-work poverty following the birth of a first, second, and third child
across the life course

Emanuela Struffolino & Zachary Van Winkle

Published in: Journal of Family Research, <https://doi.org/10.20377/jfr-910>

Table A1: Summary statistics of transitioning and non-transitioning samples by parity and country

	1 Child				2 Child				3 Child			
	USA		Germany		USA		Germany		USA		Germany	
	Transition	No Transition	Transition	No Transition	Transition	No Transition	Transition	No Transition	Transition	No Transition	Transition	No Transition
In-Work Poverty	17.49	19.30	5.33	4.16	21.07	17.27	8.02	5.62	30.43	16.93	15.58	7.25
Years after Transition	5.84		4.78		5.81		5.35		5.33		4.63	
Years of Education	13.55	12.70	12.39	12.36	13.42	13.01	12.45	12.27	13.16	13.25	12.38	12.40
Married	66.27	37.57	59.06	28.72	79.26	65.42	84.36	66.48	78.65	79.94	86.36	83.79
Single	25.00	53.52	34.20	62.78	10.93	19.57	8.28	17.12	9.74	7.12	4.29	4.07
Widowed	0.20	0.00	0.11	0.38	0.33	0.71	0.23	1.09	0.49	0.55	0.40	0.90
Divorced	6.08	7.05	4.15	6.43	6.62	10.89	4.36	12.03	7.41	9.07	5.55	8.29
Separated	2.46	1.86	2.47	1.70	2.87	3.41	2.78	3.27	3.71	3.32	3.40	2.95
Single	41.40	44.88	42.83	50.44	39.85	44.07	45.46	41.85	44.81	36.51	52.41	35.22
Dual earner	58.60	55.12	57.17	49.56	60.15	55.93	54.54	58.15	55.19	63.49	47.59	64.78
Out of the labor force	19.02	19.23	4.73	3.44	18.96	16.90	5.21	4.23	19.12	17.75	3.93	3.27
Managers	11.94	12.43	6.32	5.81	11.43	9.24	7.06	6.17	9.98	11.34	7.13	6.82
Professionals	9.22	7.01	16.28	15.43	9.42	9.79	17.25	13.12	8.73	10.61	18.59	16.16
Technicians	17.43	11.37	22.11	23.97	16.84	19.31	19.86	24.33	15.11	17.52	17.37	22.50
Clerks	6.79	4.68	11.22	11.65	5.84	5.19	8.40	12.34	5.15	5.77	7.18	10.06
Service	10.40	13.92	9.03	9.80	9.78	11.16	7.53	10.14	11.16	9.41	7.18	9.56
Agricultural	1.24	1.17	1.12	1.30	1.26	1.13	1.40	1.01	1.51	1.30	2.53	1.02
Craft	3.76	4.25	17.94	16.87	4.76	4.40	19.03	16.04	5.60	4.91	19.49	16.89
Machine Operators	7.42	6.27	7.48	7.34	8.39	7.85	9.46	8.07	8.63	8.56	10.13	8.47
Elementary	12.78	19.66	3.77	4.38	13.33	15.02	4.80	4.56	15.01	12.83	6.46	5.25
Year	1997.87	1994.92	2002.05	2002.39	1997.40	1995.80	2004.47	2003.67	1997.35	1995.48	2004.62	2004.53
Percent Distance from Poverty Line	208.83	194.30	229.45	229.76	175.59	194.58	180.99	197.60	149.97	188.60	159.56	178.26
Work hours	2106.40	2049.81	2165.87	2199.49	2125.73	2101.58	2142.88	2137.98	2141.36	2129.10	2211.99	2124.90
Age at Transition	27.61		30.15		29.42		33.58		31.48		35.99	

Table A1: Summary statistics of transitioning and non-transitioning samples by parity and country (continued)

Year of Transition	1997.83		2000.72		1997.38		2002.63		1997.78		2003.97	
Male	48.29	60.54	45.93	50.93	48.32	51.35	49.24	44.34	48.70	48.98	55.77	47.74
Female	51.71	39.46	54.07	49.07	51.68	48.65	50.76	55.66	51.30	51.02	44.23	52.26
West Germany	0.00	0.00	21.00	20.10	0.00	0.00	20.78	30.79	0.00	0.00	23.07	27.89
East Germany	0.00	0.00	73.58	63.56	0.00	0.00	71.85	62.35	0.00	0.00	69.20	63.57
N/A	0.00	0.00	5.42	16.34	0.00	0.00	7.38	6.86	0.00	0.00	7.74	8.54
White	60.76	53.31	0.00	0.00	61.48	51.08	0.00	0.00	53.77	61.02	0.00	0.00
Black	30.85	41.71	0.00	0.00	29.47	38.86	0.00	0.00	35.81	29.77	0.00	0.00
Other	8.39	4.97	0.00	0.00	9.05	10.07	0.00	0.00	10.42	9.21	0.00	0.00
Observations	67828	1029	46917	56349	56508	24091	31850	37717	25024	44022	11207	52037
Persons	8257	370	4091	10844	7214	4682	3722	7151	3362	6890	1387	9329

Sources: PSID (1970-2015) and SOEP (1984-2017), authors' calculations

Table A2: Between-within regression results on the probability of in-work poverty

	1st Child		2nd Child		3rd Child	
	USA	Germany	USA	Germany	USA	Germany
Transition						
Between	-0.034	0.068**	0.163***	-0.026	-0.033	0.094
	-0.03	-0.025	-0.039	-0.043	-0.06	-0.122
Within	0.081***	-0.008	0.064***	0.049*	0.060*	0.286***
	-0.009	-0.008	-0.012	-0.021	-0.024	-0.063
Duration						
Between	-0.006	-0.008*	-0.023***	-0.016*	0.014	-0.041
	-0.004	-0.004	-0.005	-0.007	-0.009	-0.022
Within	0.035***	0.026***	0.049***	0.004	0.062*	-0.078***
	-0.006	-0.004	-0.011	-0.007	-0.026	-0.018
Duration (squared)						
Between	0	0	0.001**	0.001**	-0.001	0.004***
	0	0	0	0	0	-0.001
Within	-0.003***	-0.001***	-0.006**	-0.001	-0.011	0.001*
	-0.001	0	-0.002	0	-0.006	-0.001
Age (ref: 18-25)						
26-30	-0.068***	-0.040***	-0.091***	-0.081***	-0.092***	-0.113***
	-0.011	-0.003	-0.009	-0.01	-0.01	-0.02
31-35	-0.053***	-0.046***	-0.117***	-0.097***	-0.125***	-0.151***
	-0.014	-0.004	-0.009	-0.01	-0.01	-0.02
36-50	-0.049**	-0.042***	-0.119***	-0.094***	-0.134***	-0.157***
	-0.019	-0.004	-0.009	-0.01	-0.01	-0.02
Transition (Between)*Age (ref: 18-25)						
26-30	0.025	0	-0.062*	0.01	0.123*	-0.135
	-0.031	-0.021	-0.031	-0.039	-0.049	-0.118
31-35	0.021	0.024	-0.026	0.06	0.105*	-0.083
	-0.035	-0.023	-0.033	-0.038	-0.052	-0.117
36-50	-0.045	-0.023	-0.006	0.011	0.216***	-0.112
	-0.037	-0.024	-0.036	-0.039	-0.053	-0.117
Transition (Within)*Age (ref: 18-25)						
26-30	-0.076***	0.009	-0.021	0.013	0.021	-0.242**
	-0.012	-0.01	-0.015	-0.023	-0.029	-0.069
31-35	-0.070***	0.009	-0.014	-0.017	-0.008	-0.234*
	-0.014	-0.01	-0.016	-0.023	-0.028	-0.067
36-50	-0.059**	0.014	-0.047*	-0.025	-0.026	-0.270**
	-0.018	-0.011	-0.018	-0.023	-0.029	-0.067
Duration (Between)*Age (ref: 18-25)						
26-30	0.005	-0.004	0.016**	0.009	-0.022*	0.054**
	-0.004	-0.004	-0.005	-0.008	-0.009	-0.022
31-35	0.003	-0.005	0.008	-0.001	-0.019*	0.032
	-0.004	-0.004	-0.005	-0.007	-0.009	-0.022
36-50	0.011*	0.003	0.007	0.009	-0.042***	0.044*
	-0.004	-0.004	-0.005	-0.007	-0.009	-0.022

Table A2: Between-within regression results on the probability of in-work poverty (continued)

Duration (Within)*Age (ref: 18-25)						
26-30	-0.009	-0.015***	-0.012	0.007	-0.007	0.093***
	-0.006	-0.004	-0.011	-0.007	-0.028	-0.019
31-35	-0.029***	-0.021***	-0.042***	0	-0.047	0.088***
	-0.006	-0.004	-0.011	-0.007	-0.027	-0.019
36-50	-0.028***	-0.025***	-0.042***	-0.002	-0.055*	0.082***
	-0.006	-0.004	-0.011	-0.007	-0.026	-0.019
Duration (squared) (Between)*Age (ref: 18-25)						
26-30	0	0	-0.001*	-0.001	0.001	-0.004***
	0	0	0	0	0	-0.001
31-35	0	0	0	0	0.001	-0.003**
	0	0	0	0	0	-0.001
36-50	0	0	0	-0.001	0.002***	-0.004**
	0	0	0	0	0	-0.001
Duration (squared) (Within)*Age (ref: 18-25)						
26-30	0.001	0.000*	0.003	0	0.004	-0.003***
	-0.001	0	-0.002	0	-0.006	-0.001
31-35	0.003***	0.001**	0.005**	0	0.009	-0.002**
	-0.001	0	-0.002	0	-0.006	-0.001
36-50	0.002**	0.001***	0.005**	0	0.01	-0.002**
	-0.001	0	-0.002	0	-0.006	-0.001
Constant	0.823***	0.280***	0.862***	0.380***	0.880***	0.542***
	-0.026	-0.009	-0.019	-0.014	-0.02	-0.024
N	58207	83513	69503	61080	58756	52986

Note: Unstandardized coefficients and standard errors displayed; Sig.: * p<0.05, **p<0.01, *** p<0.001. Estimates for average years of observation, years of education, marital status (married, single widowed, divorced, or separated), occupational group (reduced 10 digit ISCO code), gender, number of earners in the households (one or two), work hours, and the percentage distance from the poverty threshold are omitted

Sources: PSID (1970-2015) and SOEP (1984-2017), authors' calculations