

Appendix A: Women's risk of next birth, by select characteristics Scania, Quebec-St. Lawrence, Quebec-Saguenay Lac St. Jean and Utah, 1650-1900, full table									Appendix A: Women's risk of next birth, by select characteristics Scania, Quebec-St. Lawrence, Quebec-Saguenay Lac St. Jean and Utah, 1650-1900, full table								
Birth Intervals 2+, No Fixed Effects									Birth Intervals 9+, No Fixed Effects								
	1: Scania		2: QC St. Law.		3: QC Saguenay		4: Utah			25: QC St. Law.		26: QC Saguenay		27: Utah			
Maternal Grandmother status (ref: dead 5+ years)	H.R.	P>z	H.R.	P>z	H.R.	P>z	H.R.	P>z	Maternal Grandmother status (ref: dead 5+ years)	H.R.	P>z	H.R.	P>z	H.R.	P>z		
Alive & in same parish / county	1.071	0.159	1.052	0	1.022	0.216	1.012	0	Alive & in same parish	1.069	0.007	1.045	0.157	1.024	0.013		
Alive & in different parish / county			1.065	0	1.028	0.107	0.997	0.468	Alive & in different parish	1.088	0	1.021	0.491	1.025	0.079		
Dead 0-4 years	1.037	0.586	1.040	0.016	1.013	0.577	1.016	0	Dead 0-4 years	1.056	0.056	1.008	0.831	1.037	0.004		
Outmigrated (Sweden only)	0.971	0.665							Outmigrated								
Control variables									Control variables								
Mother's age at previous birth (t.v.)	1.379	0.000	1.184	0	1.020	0	0.973	0	Mother's age at previous birth (t.v.)	1.074	0	1.042	0.192	0.973	0.193		
Mother's age at previous birth, squared (t.v.)	0.993	0.000	0.996	0	0.995	0	1	0	Mother's age at previous birth, squared (t.v.)	0.997	0	0.998	0.000	1	0.51		
Mother's sibship size	1.020	0.027	1.015	0	1.013	0	1.003	0	Mother's sibship size	1.002	0.446	1.004	0.408	1	0.937		
Mother's birth rank	1.007	0.490	1.002	0.132	1.336	0.026	1	0.528	Mother's birth rank	1.007	0.009	0.999	0.720	1.004	0.013		
Birth rank of previous child	1.096	0.000	1.008	0	1.000	0	1.004	0	Birth rank of previous child	0.968	0	0.948	0.000	1.018	0		
Previously-born child died before age 1 (t.v.) (ref: alive)	2.776	0.000	1.739	0	1.307	0	1.113	0	Previously-born child died before age 1 (t.v.) (ref: alive)	1.584	0	1.299	0.000	1.099	0		
Previously-born child - destiny unknown (t.v.) (ref: alive)			1.092	0					Previously-born child - destiny unknown (t.v.) (ref: alive)	1.114	0						
Year (t.v.)	1.000	0.603	1.001	0	1.000	0.322	0.998	0	Year (t.v.)	0.998	0.000	0.999	0.230	1	0.396		
Latter-day Saint status (Utah only) (ref: no)							0.994	0.007	Latter-day Saint status (ref: no) (Utah only)	1.000	0.759			0.996	0.658		
Urban-Rural Status (ref: rural)									Urban-Rural Status (ref: rural)								
Semi-urban					0.987	0.371			Semi-urban			1.001	0.970				
Urban / Wasatch status (Utah)			1.032	0.013	1.005	0.804	0.994	0.012	Urban	1.045	0.075	1.014	0.673	0.994	0.487		
Number of births	2,807		49,830		27,036		73,897		Number of births	12,593		7,684		4,041			
Number of mothers	998		6,824		3,305		15,034		Number of mothers	3,436		2,024		1,645			
Total time at risk	11,591		1,421,212		809,037		64,325,805		Total time at risk	457,280		299,697		3,593,051			

Appendix A: Women's risk of next birth, by select characteristics Scania, Quebec-St. Lawrence, Quebec-Saguenay Lac St. Jean and Utah, 1650-1900, full table									Appendix A: Women's risk of next birth, by select characteristics Scania, Quebec-St. Lawrence, Quebec-Saguenay Lac St. Jean and Utah, 1650-1900, full table								
Birth Intervals 2+, Fixed Effects									Birth Intervals 9+, Fixed Effects								
	5: Scania		6: QC St. Law.		7: QC Saguenay		8: Utah			28: QC St. Law.		29: QC Saguenay		30: Utah			
Maternal Grandmother status (ref: dead 5+ years)	H.R.	P>z	H.R.	P>z	H.R.	P>z	H.R.	P>z	Maternal Grandmother status (ref: dead 5+ years)	H.R.	P>z	H.R.	P>z	H.R.	P>z		
Alive & in same parish	0.885	0.299	1.111	0	1.081	0.032	1.025	0.035	Alive & in same parish	1.052	0.449	0.923	0.325	1.031	0.584		
Alive & in different parish			1.131	0	1.094	0.014	1.002	0.842	Alive & in different parish	1.025	0.715	0.875	0.098	1.014	0.758		
Dead 0-4 years	0.821	0.039	1.083	0	1.062	0.049	1.025	0.062	Dead 0-4 years	1.060	0.238	0.977	0.712	1.036	0.557		
Outmigrated	0.501	0.000							Outmigrated								
Control variables									Control variables								
Mother's age at previous birth (t.v.)	1.399	0.000	1.203	0	1.133	0.000	0.979	0	Mother's age at previous birth (t.v.)	1.187	0	1.203	0.000	0.981	0.708		
Mother's age at previous birth, squared (t.v.)	0.993	0.000	0.996	0	0.997	0.000	1	0	Mother's age at previous birth, squared (t.v.)	0.997	0	0.997	0.000	1	0.796		
Birth rank of previous child	0.984	0.465	0.957	0	0.960	0.000	0.987	0	Birth rank of previous child	0.869	0	0.841	0.000	0.995	0.627		
Previously-born child died before age 1 (t.v.) (ref: alive)	3.889	0.000	1.878	0	1.427	0.000	1.11	0	Previously-born child died before age 1 (t.v.) (ref: alive)	1.711	0	1.390	0.000	1.097	0.007		
Previously-born child - destiny unknown (t.v.) (ref: alive)			1.145	0					Previously-born child - destiny unknown (t.v.) (ref: alive)	1.231	0						
Year (t.v.)	0.983	0.010	0.993	0	0.990	0.000	0.994	0	Year (t.v.)	0.976	0	0.974	0.000	0.997	0.297		
Latter-day Saint status (ref: no) (Utah only)							0.985	0.023	Latter-day Saint status (ref: no) (Utah only)					0.985	0.617		
Urban-Rural Status (ref: rural)									Urban-Rural Status (ref: rural)								
Semi-urban					0.963	0.064			Semi-urban			0.923	0.077				
Urban			0.969	0.153	1.010	0.746	0.983	0.062	Urban	1.004	0.943	0.878	0.032	0.971	0.499		
Number of births	2,807		49,830		27,036		73,897		Number of births	12,593		7,684		4,041			
Number of mothers	1,017		6,824		3,305		15,034		Number of mothers	3,436		2,024		1,645			
Total time at risk	11,004		1,421,212		809,037		64,325,805		Total time at risk	457,280		299,697		3,593,051			

Q-SL = Quebec - St. Lawrence Valley

Q-Sag = Quebec Saguenay Lac St-Jean region

Blank cells = information not available or not applicable

Scania: "same parish" = 5-parish region (very local)

Sources: Scania: SEDD 2017; Q-SL: PRDH - RPQA 2014; Q-Sag: BALSAC 2017; Utah: UPDB 2014

Appendix A: Women's risk of next birth, by select characteristics								
Scania, Quebec-St. Lawrence, Quebec-Saguenay Lac St. Jean and Utah, 1650-1900, full table								
	Birth Intervals 2 & 3, No Fixed Effects							
	9: Scania		10: QC St. Law.		11: QC Saguenay		12: Utah	
Maternal Grandmother status (ref: dead 5+ years)	H.R.	P>z	H.R.	P>z	H.R.	P>z	H.R.	P>z
Alive & in same parish	0.997	0.973	0.992	0.738	1.025	0.540	0.998	0.67

Alive & in different parish			1.036	0.176	1.039	0.338	0.976	0.01
Dead 0-4 years	0.974	0.825	1.004	0.918	1.141	0.017	1.006	0.368
Outmigrated	0.981	0.860						
Control variables								
Mother's age at previous birth (t.v.)	1.208	0.003	1.152	0	1.057	0.013	0.987	0.002
Mother's age at previous birth, squared (t.v.)	0.996	0.000	0.997	0	0.998	0.000	1	0.018
Mother's sibship size	1.015	0.281	1.021	0	1.030	0.000	1.005	0
Mother's birth rank	0.996	0.815	1.001	0.720	0.989	0.009	0.998	0.003
Birth rank of previous child	1.168	0.016	0.670	0	0.668	0.000	0.948	0
Previously-born child died before age 1 (t.v.) (ref: alive)	2.652	0.000	1.767	0	1.254	0.000	1.153	0
Previously-born child - destiny unknown (t.v.) (ref: alive)			1.138	0				
Year (t.v.)	0.999	0.712	1.002	0	1.004	0.000	0.997	0
Latter-day Saint status (ref: no)							0.989	0.004
Urban-Rural Status (ref: rural)								
Semi-urban					0.997	0.913		
Urban			1.016	0.506	0.950	0.236	0.986	0
Number of births	1,095		12,764		6,270		26,277	
Number of mothers	891		4,175		3,292		14,466	
Total time at risk	3,676		303,025		151,549		21,238,251	

Appendix A: Women's risk of next birth, by select characteristics								
Scania, Quebec-St. Lawrence, Quebec-Saguenay Lac St. Jean and Utah, 1650-1900, full table								
Birth Intervals 2 & 3, Fixed Effects								
	13: Scania		14: QC St. Law.		15: QC Saguenay		16: Utah	
	H.R.	P>z	H.R.	P>z	H.R.	P>z	H.R.	P>z
Maternal Grandmother status (ref: dead 5+ years)								
Alive & in same parish	1.142	0.641	1.163	0.063	1.065	0.592	1.028	0.326
Alive & in different parish			1.288	0	1.141	0.268	1.001	0.978
Dead 0-4 years	1.084	0.731	1.107	0.135	1.176	0.102	1.03	0.335
Outmigrated	0.703	0.314						
Control variables								
Mother's age at previous birth (t.v.)	1.312	0.040	1.164	0	1.066	0.056	1.011	0.35
Mother's age at previous birth, squared (t.v.)	0.995	0.048	0.997	0	0.998	0.006	1	0.618
Birth rank of previous child	0.656	0.000	0.619	0	0.617	0.000	0.929	0
Previously-born child died before age 1 (t.v.) (ref: alive)	5.180	0.000	2.126	0	1.541	0.000	1.133	0
Previously-born child - destiny unknown (t.v.) (ref: alive)			1.136	0.016				
Year (t.v.)	0.982	0.133	1.002	0.339	1.004	0.319	0.993	0
Latter-day Saint status (ref: no)							0.98	0.076
Urban-Rural Status (ref: rural)								
Semi-urban					0.990	0.859		
Urban			0.987	0.819	1.016	0.853	0.967	0.051
Number of births	1,095		12,764		6,270		26,277	
Number of mothers	910		4,175		3,292		14,466	
Total time at risk	3,676		303,025		151,549		21,238,251	
Appendix A: Women's risk of next birth, by select characteristics								
Scania, Quebec-St. Lawrence, Quebec-Saguenay Lac St. Jean and Utah, 1650-1900, full table								
Birth Intervals 4+, No Fixed Effects								
	17: Scania		18: QC St. Law.		19: QC Saguenay		20: Utah	
	H.R.	P>z	H.R.	P>z	H.R.	P>z	H.R.	P>z
Maternal Grandmother status (ref: dead 5+ years)								
Alive & in same parish	1.123	0.057	1.064	0	1.019	0.330	1.015	0
Alive & in different parish			1.069	0	1.025	0.195	1.002	0.668
Dead 0-4 years	1.071	0.399	1.046	0.012	0.983	0.510	1.019	0
Outmigrated	0.974	0.764						
Control variables								
Mother's age at previous birth (t.v.)	1.488	0.000	1.241	0	1.157	0.000	0.977	0
Mother's age at previous birth, squared (t.v.)	0.992	0.000	0.995	0	0.996	0.000	1	0
Mother's sibship size	1.024	0.036	1.013	0	1.017	0.000	1.002	0.002
Mother's birth rank	1.015	0.248	1.003	0.132	0.997	0.187	1.001	0.163
Birth rank of previous child	1.095	0.000	1.020	0	1.017	0.000	1.016	0
Previously-born child died before age 1 (t.v.) (ref: alive)	2.940	0.000	1.716	0	1.372	0.000	1.095	0
Previously-born child - destiny unknown (t.v.) (ref: alive)			1.076	0				
Year (t.v.)	1.002	0.327	1.001	0	0.999	0.366	0.998	0
Latter-day Saint status (ref: no)							0.996	0.155
Urban-Rural Status (ref: rural)								
Semi-urban					0.978	0.206		

Urban		1.034	0.024	1.013	0.537	0.998	0.424
Number of births	1,712	37,066		20,766		42,559	
Number of mothers	707	5,836		2,963		10,659	
Total time at risk	7,328	1,118,187		657,488		38,412,193	

Appendix A: Women's risk of next birth, by select characteristics							
Scania, Quebec-St. Lawrence, Quebec-Saguenay Lac St. Jean and Utah, 1650-1900, full table							
	Birth Intervals 4+, Fixed Effects						
	21: Scania		22: QC St. Law.		23: QC Saguenay		24: Utah
	H.R.	P>z	H.R.	P>z	H.R.	P>z	H.R. P>z
Maternal Grandmother status (ref: dead 5+ years)							
Alive & in same parish	0.950	0.758	1.104	0	1.108	0.017	1.03 0.054
Alive & in different parish			1.098	0	1.097	0.033	1.004 0.782
Dead 0-4 years	0.820	0.117	1.083	0	1.037	0.314	1.028 0.108
Outmigrated	0.636	0.043					
Control variables							
Mother's age at previous birth (t.v.)	1.634	0.000	1.298	0	1.231	0.000	0.984 0.007
Mother's age at previous birth, squared (t.v.)	0.990	0.000	0.995	0	0.996	0.000	1 0.013
Birth rank of previous child	1.036	0.241	0.961	0	0.952	0.000	1 0.949
Previously-born child died before age 1 (t.v.) (ref: alive)	4.044	0.000	1.860	0	1.463	0.000	1.091 0
Previously-born child - destiny unknown (t.v.) (ref: alive)			1.156	0			
Year (t.v.)	0.986	0.143	0.989	0	0.989	0.000	0.995 0
Latter-day Saint status (ref: no) (Utah only)							0.986 0.12
Urban-Rural Status (ref: rural)							
Semi-urban					0.930	0.003	
Urban			0.965	0.18	0.986	0.667	0.986 0.237
Number of births	1,712		37,066		20,766		42,559
Number of mothers	707		5,836		2,963		10,659
Total time at risk	7,328		1,118,187		657,488		38,412,193