

Appendix

Table A1
Results of the flexible parametric models with weights accounting for competing risks estimating the use of ART by age at the first stable job, leaving the parental home and first co-residential partnership

	Model 1D	Model 2D
<i>First stable job (t)</i>		
Not happened yet	0.614 (0.06) * **	0.665 (0.07) * **
24–29 (ref.)		
30–34	0.787 (0.15)	0.775 (0.15)
35 +	0.283 (0.11) * *	0.296 (0.11) * *
<i>Leaving parental home (t)</i>		
Not happened yet	0.974 (0.14)	1.018 (0.15)
24–29 (ref.)		
30–34	1.244 (0.21)	1.244 (0.21)
35 +	0.738 (0.24)	0.753 (0.24)
<i>First co-resident partner</i>		
Not happened yet	0.737 (0.09) *	0.728 (0.09) * *
24–29 (ref.)		
30–34	1.210 (0.20)	1.131 (0.19)
35 +	1.433 (0.34)	1.326 (0.31)
<i>Educational level</i>		
Non University (ref.)		
University		1.543 (0.15) * **
<i>Country of birth</i>		
Spain (ref.)		
Other	1.020 (0.17)	1.050 (0.17)
<i>Spline function coefficients</i>		

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Table A1 (continued)

	Model 1D	Model 2D
rsc1	4.902 (1.74) * **	4.902 (1.74) * **
rsc2	0.782 (0.41)	0.782 (0.42)
rsc3	0.133 (0.16)	0.131 (0.16)
rsc4	30.844 (26.80) * **	31.439 (27.47) * **
Constant	0.000 (0.00) * **	0.000 (0.00) * **
N	12,930	

Notes: Author's elaboration based on the 2018 SFS. Results are reported as hazard ratios (HR). Standard deviation are between brackets. Note:

+ $p < 0.1$,

* $p < 0.05$,

* * $p < 0.01$,

* ** $p < 0.001$.

Table A2

Results of the linear regression predicting the age at using ART by ages at experiencing transitions to adulthood among women who have ever used ART

	Linear regression
First stable job (t)	
Not happened yet	−0.067 (0.05)
24–29 (ref.)	
30–34	0.088 (0.07)
35 +	0.208 (0.08) *
Leaving the parental home (t)	
Not happened yet	−0.012 (0.07)
24–29 (ref.)	
30–34	0.098 (0.07)
35 +	0.071 (0.11)
First co-resident partner	
Not happened yet	0.289 (0.05) * **
24–29 (ref.)	
30–34	0.286 (0.07) * **
35 +	0.619 (0.09) * **
Constant	0.260 (0.03) * **
N	498

Notes: Author's elaboration based on the 2018 SFS. Standard deviation are between brackets.

+ $p < 0.1$,

* $p < 0.05$,

* * $p < 0.01$,

* ** $p < 0.001$.

Table A3

Results of the flexible parametric models with weights accounting for competing risks estimating the use of ART, and with different age categories

	First stable job		Leaving parental home		First co-resident partner	
	Model 1 A*	Model 2 A*	Model 1B*	Model 2B*	Model 1 C*	Model 2 C*
Timing of the event (t)						
Not experienced (yet)	0.620 (0.07) * **	0.668 (0.07) * **	0.898 (0.13)	0.915 (0.13)	0.760 (0.10)	0.719 (0.09) * *
24–27 (ref.)						
27–29	1.095 (0.17)	1.005 (0.15)	1.062 (0.14)	0.976 (0.13)	1.101 (0.15)	0.983 (0.13)
30–32	0.791 (0.18)	0.760 (0.17)	1.665 (0.23) * **	1.521 (0.21) * *	1.727 (0.25) * **	1.515 (0.22) * *
33–36	0.854 (0.24)	0.825 (0.24)	0.677 (0.21)	0.625 (0.19)	0.641 (0.19)	0.556 (0.17) +
37 +	0.195 (0.10) * *	0.202 (0.10) * *	0.747 (0.27)	0.708 (0.26)	1.552 (0.36) +	1.377 (0.32)
Educational level						
Non-University (ref.)						
University		1.020 (0.17)		0.981 (0.16)		0.995 (0.16)
Country of birth						
Spain (ref.)						
Other	0.991 (0.16)	1.595 (0.15) * **	0.950 (0.16)	1.677 (0.16) * **	0.956 (0.16)	1.669 (0.16) * **
Spline function coefficients						
rsc1	4.906 (1.75) * **	4.909 (1.75) * **	4.921 (1.75) * **	4.921 (1.75) * **	4.914 (1.75) * **	4.911 (1.75) * **
rsc2	0.774 (0.41)	0.775 (0.41)	0.777 (0.41)	0.776 (0.41)	0.774 (0.41)	0.774 (0.41)
rsc3	0.132 (0.16) *	0.130 (0.16)	0.130 (0.16) +	0.128 (0.16) +	0.134 (0.16)	0.132 (0.16)
rsc4	31.860 (27.86) * **	32.426 (28.52) * **	32.339 (28.09) * **	32.872 (28.73) * **	31.295 (27.01) * **	31.836 (27.64) * **
Constant	0.000 (0.00) * **	0.000 (0.00) * **	0.000 (0.00) * **	0.000 (0.00) * **	0.000 (0.00) * **	0.000 (0.00) * **
N	12,930					

Note: Authors' elaboration based on the 2018 SFS. The models attribute time-dependent weights to individuals who experienced the competing event – natural birth. Results are reported as hazard ratios. Standard deviations are between brackets.

+ $p < 0.1$
* $p < 0.05$
* * $p < 0.01$
* * * $p < 0.001$

Table A4
Results of the interaction between educational attainment and age at using ART for the first time on the probability of having a live birth after ART (Cox model)

	Predicted probabilities
(1) 24–34 Non Uni	0.503 (0.04) * * *
(2) 23–34 Uni	0.539 (0.09) * * *
(3) 35–39 Non Uni	0.218 (0.05) * * *
(4) 35–39 Uni	0.474 (0.09) * * *
(5) 40 + Non Uni	0.158 (0.06) *
(6) 40 + Uni	0.292 (0.08) * *
Simple differences	
2–1	0.036
4–3	0.257 *
6–5	0.134
6–4	–0.182 +
4–2	–0.065
5–3	–0.059
3–1	–0.285 * * *
5–1	–0.344 * * *
6–2	–0.247 * *
Double differences	
(6–2) - (5–1)	0.097
(4–2) - (3–1)	0.221 *

Notes: Author’s elaboration based on the 2018 SFS. Results are reported as predicted probabilities. Standard deviations are between brackets. + $p < 0.1$ * $p < 0.05$ * * $p < 0.01$ * * * $p < 0.001$. The model controls for time in treatment, birth, parity and country of birth.