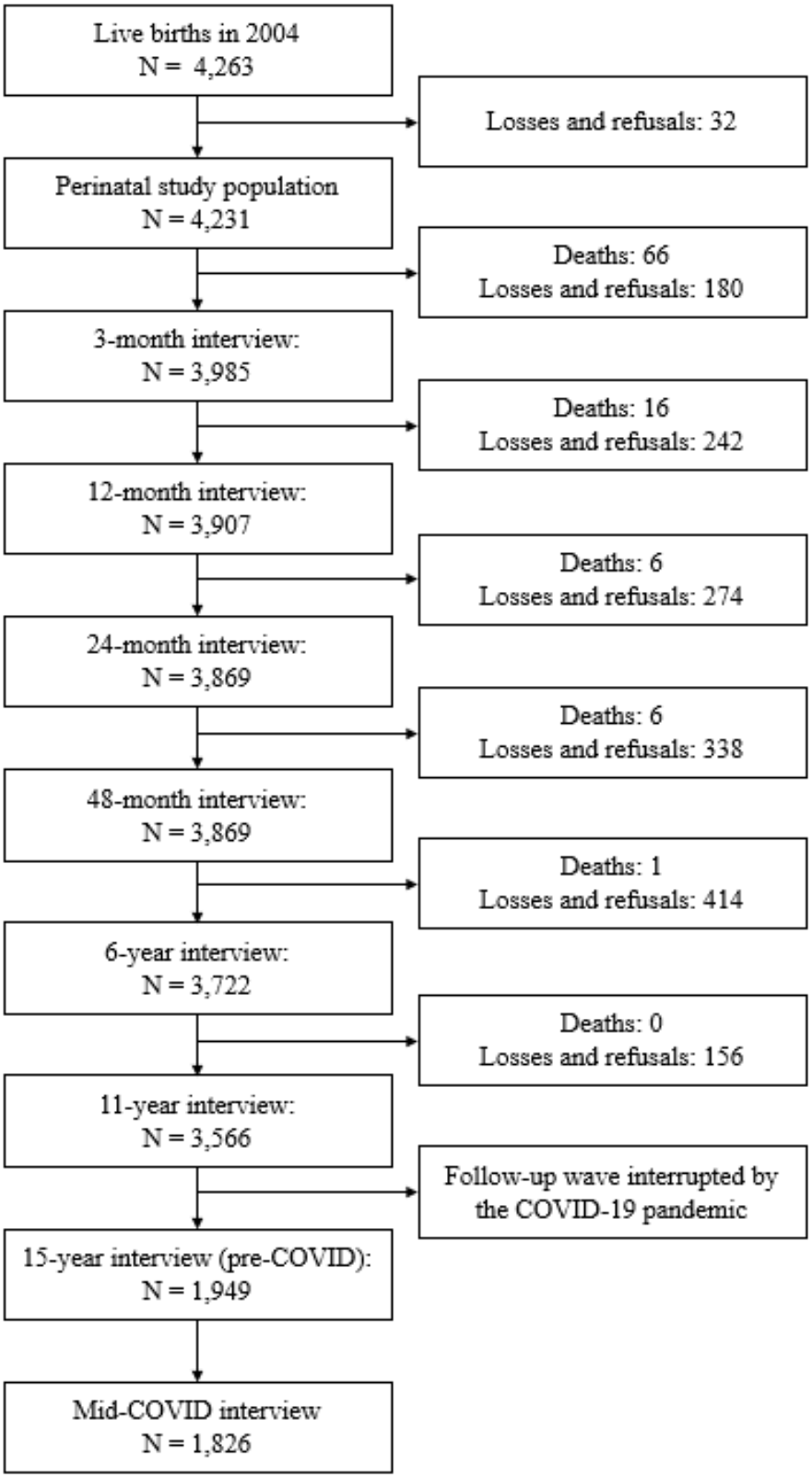
http://doi.org/10.47626/1516-4446-2023-3169
Changes and predictors of adolescent emotion regulation, self-esteem, and locus of control during the COVID-19 pandemic: 2004 Pelotas Birth Cohort – Maruyama JM et al.

Figure S1 Flowchart of study participants



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Table S1 Means, standard deviations (SD), and correlations between socioemotional competences at the pre-pandemic (T_1) and mid-pandemic (T_2) time points

		Mean (SD)	1	2	3	4	5	6
1	Emotion regulation score, T_1 (31-80)	54.95 (6.22)	1					
2	Self-esteem score, T_1 (11-40)	27.36 (4.05)	0.556*	1				
3	Locus of control score, T_1 (0-12)	4.87 (1.84)	-0.205*	-0.145*	1			
4	Emotion regulation score, T_2 (34-79)	56.94 (6.91)	0.569*	0.390*	-0.182*	1		
5	Self-esteem, T_2 (15-40)	28.95 (4.46)	0.403*	0.557*	-0.160*	0.598*	1	
6	Locus of control score, T_2 (0-11)	4.38 (1.78)	-0.209*	-0.180*	0.464*	-0.265	-0.205*	1

The score ranges in parentheses represent the minimum and maximum values found in the study sample.
* $p < 0.001$.

Table S2 Correlation between latent change scores factors

Latent change scores factors	Emotion regulation	Self-esteem	Locus of control
Emotion regulation	1		
Self-esteem	0.404*	1	
Locus of control	-0.072**	-0.004	1

* $p < 0.001$; ** $p < 0.05$.

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Table S3 Demographic, pre-pandemic, and mid-pandemic predictors of T_1 scores and latent change scores from T_1 to T_2 (unstandardized coefficients)

	Emotion regulation		Self-esteem		Locus of control	
	Pre-pandemic (T_1) scores	Latent change score	Pre-pandemic (T_1) scores	Latent change score	Pre-pandemic (T_1) scores	Latent change score
	b (SE)	b (SE)	b (SE)	b (SE)	b (SE)	b (SE)
Demographic and pre-pandemic predictors						
Maternal schooling (years)	0.079 (0.046)*	-0.017 (0.049)	0.048 (0.030)	0.006 (0.033)	-0.079 (0.014)***	0.006 (0.016)
Family income (quintiles)	0.386 (0.113)**	0.035 (0.119)	0.232 (0.074)**	-0.101 (0.080)	-0.135 (0.034)***	0.019 (0.038)
Marital status: Single	0.340 (0.374)	0.230 (0.404)	0.345 (0.225)	0.129 (0.273)	-0.058 (0.124)	0.091 (0.137)
Skin color: Black/Brown	-0.357 (0.312)	0.269 (0.343)	0.287 (0.197)	-0.330 (0.221)	0.188 (0.098)*	0.009 (0.108)
Sex: Female	-2.706 (0.271)***	0.265 (0.297)	-1.970 (0.117)***	0.427 (0.196)**	-0.066 (0.083)	0.112 (0.092)
Maternal depressive symptoms at T_1	-0.119 (0.026)***	0.039 (0.034)	-0.063 (0.016)***	-0.023 (0.022)	0.031 (0.008)**	-0.019 (0.011)*
Pandemic-related predictors						
Maternal depressive symptoms at T_2	-	-0.096 (0.029)**	-	-0.057 (0.020)**	-	0.000 (0.009)
Beneficiary of pandemic-specific government cash transfer program†	-	-0.019 (0.280)	-	-0.055 (0.175)	-	-0.061 (0.078)
Maternal job loss	-	0.107 (0.328)	-	0.568 (0.211)**	-	0.061 (0.095)
Fear of food shortage	-	-0.543 (0.333)*	-	-0.187 (0.211)	-	0.179 (0.121)
Harsh parenting	-	-0.168 (0.039)***	-	-0.006 (0.023)	-	0.031 (0.010)**
More perceived impacts of the pandemic	-	-0.240 (0.145)*	-	-0.265 (0.094)**	-	-0.027 (0.042)
More social isolation	-	0.275 (0.192)	-	-0.213 (0.119)*	-	-0.009 (0.055)
Fear of getting sick	-	-0.149 (0.320)	-	0.165 (0.207)	-	0.154 (0.091)*
Family conflicts	-	-2.566 (0.436)***	-	-1.634 (0.268)***	-	0.434 (0.130)**
Negative perception of screentime	-	-0.435 (0.323)	-	-0.596 (0.204)**	-	0.027 (0.097)

Unstandardized coefficients are shown. SE = standard error.
† Programa Auxílio Brasil.
* p < 0.10; ** p < 0.05; *** p < 0.001.