Supplementary Table 1. Internal consistency analysis findings of the E-cigarettes Attitude and Belief Scale

Factors	Cronbach's alpha	N of items	Item numbers
F1: Physical consequences of e-cigarettes	0.877	5	13, 15, 16, 17, 18
F2: E-cigarettes vs. packed cigarettes	0.847	5	8, 23, 24, 25, 26
F3: Identification	0.747	3	20, 21, 29
F4: E-cigarette addiction	0.657	3	5, 9, 10
F5: Socialization	0.591	2	3, 4
Total	0.888	18	

Supplementary Table 2. Pearson correlation analysis findings between the E-cigarettes Belief and Attitude Scale for Adolescents and the Decisional Balance Scale for Youth scores

	1	2	3	4	5	6	7	8
1. Attitude towards e-cigarettes total	1							
2. F1: Physical consequences of e-cigarettes	0.811**	1						
3. F2: E-cigarettes vs. packed cigarettes	0.838**	0.579**	1					
4. F3: Identification	0.606**	0.352**	0.322**	1				
5. F4: E-cigarette addiction	0.714**	0.440**	0.516**	0.383**	1			
6. F5: Socialization	0.489**	0.240**	0.246**	0.357**	0.274**	1		
7. Benefits of smoking	0.477**	0.275**	0.333**	0.481**	0.288**	0.477**	1	
8. Harms of smoking	-0.130*	-0.099	-0.013	-0.216**	-0.104	-0.130*	-0.188**	1

*$P < 0.05$; **$P < 0.01$

Supplementary Table 3. Lower-upper group means, standard deviations, and independent sample t-test findings of the E-cigarettes Attitude and Belief Scale

	27% lower-upper group	N	M	SS	t	p
Attitude and belief towards e-cigarettes total	27% lower group	92	20.79	2.261	-33.084	**0.000***
	27% upper group	92	50.15	8.206		
F1: Physical consequences of e-cigarettes	27% lower group	92	5.67	1.343	-20.060	**0.000***
	27% upper group	92	14.43	3.968		
F2: E-cigarettes versus packs of cigarettes	27% lower group	92	5.93	1.582	-25.262	**0.000***
	27% upper group	92	16.35	3.624		
F3: Identification	27% lower group	92	3.14	0.566	-9.612	**0.000***
	27% upper group	92	6.46	3.260		
F4: E-cigarette addiction	27% lower group	92	3.51	1.043	-14.283	**0.000***
	27% upper group	92	8.00	2.828		
F5: Socialization	27% lower group	92	2.53	0.988	-8.581	**0.000***
	27% upper group	92	4.91	2.470		

*$P < 0.05$

Supplementary Table 4. Values of goodness of fit tests for the ECABA Scale

Fit index	Perfect fit	Accepted values	Model results
χ^2	$0 \leq \chi^2/SD \leq 2SD$	$2 \leq \chi^2/SD \leq 3SD$	261.54
SD			125
χ^2/SD	$0 \leq \chi^2/SD \leq 2$	$2 \leq \chi^2/SD \leq 3$	2.092
P	$0.05 \leq P \leq 0.01$	$01 \leq P \leq 0.05$	0.000
RMR	$0.0 \leq RMR \leq 0.05$	$0.05 \leq RMR \leq 0.10$	0.067
CFI	$0.97 \leq CFI \leq 1.0$	$0.95 \leq CFI \leq 0.97$	0.947
GFI	$0.95 \leq GFI \leq 1.0$	$0.90 \leq GFI \leq 0.95$	0.926
AGFI	$0.090 \leq AGFI \leq 1.0$	$0.085 \leq AGFI \leq 0.90$	0.898
RMSEA	$0 \leq RMSEA \leq 0.05$	$05 \leq RMSEA \leq 0.08$	0.057

SD: standard deviation

Supplementary Table 5. All the items were structured first

	Reason to retain or remove	Retained	Removed
1. I have sufficient knowledge about the health effects of e-cigarettes.	**Following specialist assessment**		+
2. E-cigarette use has positive effects on human life.	**Did not semantically and logically align with the other statements in their respective sub-dimensions**		+
3. E-cigarettes contribute to socialisation.	0.744 (F5)	+	
4. Refusing e-cigarettes when offered causes social exclusion.	0.850 (F5)	+	
5. E-cigarette use is not addictive.	0.696 (F4)	+	
6. Using e-cigarette is common in schools and society.	**Following specialist assessment**		+
7. Being in an environment where e-cigarettes are used does not harm health.	**Loading on multiple factors**		+
8. E-cigarettes are less harmful and safer than packed cigarettes.	0.658 (F2)	+	
9. E-cigarettes do not contain nicotine, unlike classic cigarettes.	0.786 (F4)	+	
10. E-cigarettes do not contain harmful or addictive substances.	0.628 (F4)	+	
11. E-cigarettes do not damage the lungs and cause respiratory distress.	**Did not semantically and logically align with the other statements in their respective sub-dimensions**		+
12. E-cigarettes do not cause coughing.	**Loading on multiple factors**		+
13. E-cigarettes do not cause headaches.	0.713 (F1)	+	
14. E-cigarettes do not damage the cardiovascular system.	**Loading on multiple factors**		+
15. E-cigarettes do not cause stroke.	0.752 (F1)	+	
16. E-cigarettes do not cause loss of concentration.	0.789 (F1)	+	
17. E-cigarettes do not cause nausea.	0.759 (F1)	+	
18. E-cigarettes do not cause infertility (inability to have a baby).	0.796 (F1)	+	
19. Using e-cigarettes reduce stress.	**Loading on multiple factors**		+
20. Seeing influencers use e-cigarettes makes me think more positively about them.	0.899 (F3)	+	
21. Seeing celebrities/athletes use e-cigarettes makes me think more positively about them.	0.896 (F3)	+	
22. I would consider using e-cigarettes.	**Did not semantically and logically align with the other statements in their respective sub-dimensions**		+
23. E-cigarettes are tools that helps people quit smoking.	0.617 (F2)	+	
24. E-cigarettes are less harmful than packed cigarettes.	0.801 (F2)	+	
25. E-cigarettes are less addictive than packed cigarettes.	0.782 (F2)	+	
26. E-cigarettes' vapour is less harmful than smoking.	0.785 (F2)	+	
27. E-cigarettes can be vaped indoors.	**Loading on multiple factors**		+
28. There is no problem in using e-cigarettes because they are harmless.	**Loading on multiple factors**		+
29. There is no problem in using e-cigarettes to avoid being excluded from your circle of friends.	0.451 (F3)	+	
30. There is no problem in using e-cigarettes out of curiosity.	**Did not semantically and logically align with the other statements in their respective sub-dimensions**		+
31. There is no problem in using e-cigarettes because e-cigarettes are not cigarettes	**Loading on multiple factors**		+

Supplementary Table 6. Finalized version of the "Adolescent E-cigarette Attitude and Belief Scale (ECABA)" in English

	Strongly disagree	Disagree	Undecided	Agree	Strongly agree
1. E-cigarettes do not cause infertility (inability to have children).					
2. E-cigarettes do not cause loss of concentration.					
3. E-cigarettes do not cause nausea.					
4. E-cigarettes do not cause stroke.					
5. E-cigarettes do not cause headache.					
6. E-cigarettes are less harmful than packed cigarettes.					
7. E-cigarette use is less harmful than packed cigarette smoke.					
8. E-cigarettes are less addictive than packed cigarettes.					
9. E-cigarettes are less harmful and safer than packed cigarettes.					
10. E-cigarettes are tools that helps people quit smoking.					
11. Influencers using e-cigarettes makes me think positively about e-cigarettes.					
12. Celebrities/athletes using e-cigarettes makes me think positively about e-cigarettes.					
13. There is no problem in using e-cigarettes to avoid being excluded from your circle of friends.					
14. E-cigarettes do not contain harmful or addictive substances.					
15. E-cigarette use is not addictive.					
16. E-cigarettes do not contain nicotine, unlike classic cigarettes.					
17. Refusing an e-cigarette when offered causes social exclusion.					
18. E-cigarettes contribute to socialization.					

Supplementary Table 7. Finalized version of the "Adolescent E-cigarette Attitude and Belief Scale (ECABA)" in Turkish

	Hiç katılmıyorum	Katılmıyorum	Kararsızım	Katılıyorum	Kesinlikle katılıyorum
1. E-sigaralar infertiliteye (çocuk sahibi olamama) neden olmaz.					
2. E-sigaralar konsantrasyon kaybına neden olmaz.					
3. E-sigaralar mide bulantısına neden olmaz.					
4. E-sigaralar felce neden olmaz.					
5. E-sigaralar baş ağrısına neden olmaz.					
6. E-sigaralar paketlenmiş sigaralardan daha az zararlıdır.					
7. E-sigara kullanımı paketlenmiş sigara dumanından daha az zararlıdır.					
8. E-sigaralar paketlenmiş sigaralardan daha az bağımlılık yapar.					
9. E-sigaralar paketlenmiş sigaralardan daha az zararlı ve daha güvenlidir.					
10. E-sigaralar insanların sigarayı bırakmasına yardımcı olan araçlardır.					
11. Etkileyicilerin e-sigara kullanması e-sigara hakkında olumlu düşünmemi sağlıyor.					
12. Ünlülerin/sporcuların e-sigara kullanması e-sigara hakkında olumlu düşünmemi sağlar.					
13. Arkadaş çevrenizden dışlanmamak için e-sigara kullanmanızda bir sorun yok.					
14. E-sigaralar zararlı veya bağımlılık yapıcı maddeler içermez.					
15. E-sigara kullanımı bağımlılık yapmaz.					
16. E-sigaralar, klasik sigaraların aksine nikotin içermez.					
17. Teklif edildiğinde e-sigarayı reddetmek sosyal dışlanmaya neden olur.					
18. E-sigaralar sosyalleşmeye katkıda bulunur.					