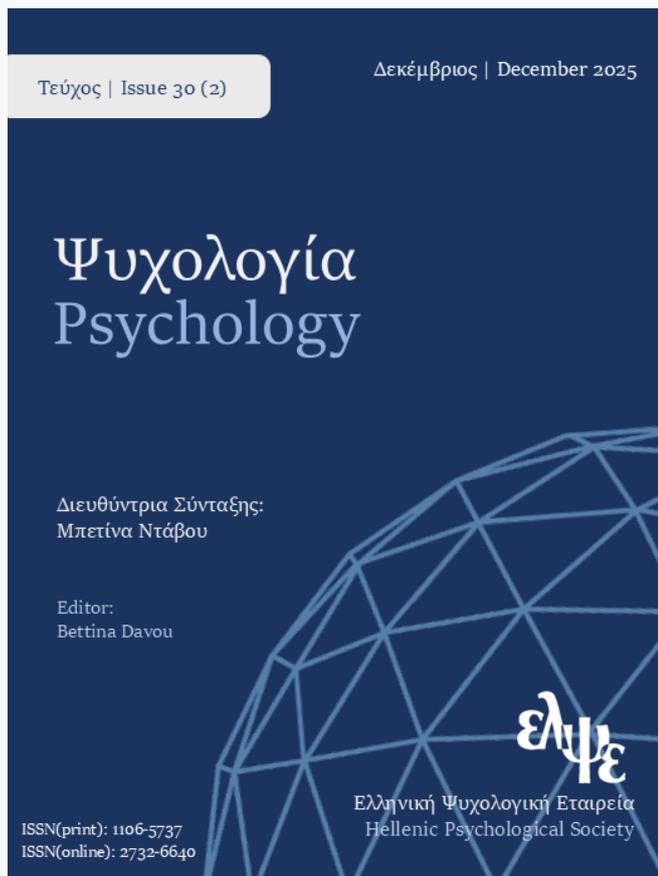


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Adult attachment styles and romantic partner seeking trends in social media

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Table S1. List of self-reported items assessing romantic partner seeking trends in social media

I. I have an active account in the following Social Networking Sites:	
Facebook	Yes No
Instagram	Yes No
Twitter (X)	Yes No
2. Frequency of use of the following Social Networking Sites:	1 (not at all), 2 (little), 3 (pretty), 4 (often), 5 (very often)
Facebook	
Instagram	
Twitter (x)	
3. Time I spent daily in the Social Networking Site I mostly use.	1 (up to 15min), 2 (up to 30 min), 3 (up to 1 hour), 4 (up to 2 hours), 5 (3 hours), 6 (more than 3 hours)
4. When I'm in Facebook/Instagram I tend to look at pictures/videos/stories of a person I find attractive.	1 (not at all), 2 (rarely), 3 (pretty), 4 (frequently), 5 (very frequently)
5. I flirt in Social Networking Sites	1 (never), 2 (little), 3 (pretty), 4 (often), 5 (very often)
6. When I flirt in Social Networking Sites, I use the following practices:	1 (never), 2 (little), 3 (pretty), 4 (often), 5 (very often)
Like	
Friend request	
Private message	
7. When I flirt someone in Social Networking Sites my intention is:	1 (never), 2 (little), 3 (pretty), 4 (often), 5 (very often)
Casual sex	
Romantic relationship	
8. I went on a date with a person who flirted me in Social Networking Sites.	1 (never), 2 (1 - 2 times), 3 (pretty), 4 (often), 5 (very often)
9. I went on a date with a person I flirted in Social Networking Sites.	1 (never), 2 (1 - 2 times), 3 (pretty), 4 (often), 5 (very often)
10. When I'm interested in someone I tend to visit her/his SNS profile (s) to gain information about him/her.	1 (never), 2 (1 - 2 times), 3 (pretty), 4 (often), 5 (very often)
11. I have an active account in dating app (s) (e.g., Tinder or similar).	Yes No
12. If "Yes", how frequently you use the app(s) ?	1 (never), 2 (little), 3 (pretty), 4 (often), 5 (very often)

Note: Use of SNS (items 1 - 3), flirting in SNS (items 4-5), flirting practices in SNS (items 6- 9)

Table S2. *K-mean evaluation based on 28 criteria: 4 cluster solution versus 2 cluster solution results on the composition of adult attachment styles*

	Index	Rule	KMeans2 solution	KMeans4 solution
1	Ball_Hall	max	1.083.666 (*)	0.6102968
2	Banfeld_Raftery	min	1.750.314	-281.382 (**)
3	C_index	min	0.1641325	0.1073806 (**)
4	Calinski_Harabasz	max	3641499	3.914.987 (**)
5	Davies_Bouldin	min	0.9631165	0.9515079 (**)
6	Det_Ratio	min	3.337.548	1.008.955 (**)
7	Dunn	max	0.03639599	0.04662168 (**)
8	GDI	max	0.03639599	0.04662168 (**)
9	Gamma	max	0.6543321	0.7438273 (**)
10	G_plus	min	0.08605786	0.04947833 (**)
11	Ksq_DetW	max	225292	2980999 (**)
12	Log_Det_Ratio	min	5748978	1.102.585 (**)
13	Log_SS_Ratio	min	-0.1933327	0.8370824
14	McClain_Rao	min	0.5519911	0.4533734 (**)
15	PBM	max	1.691.468	1.727.208 (**)
16	Point_biserial	max	-0.5066495	-0.483821 (**)
17	Ratkowsky_Lance	max	0.4525599 (*)	0.4104896
18	Ray_Turi	min	0.283153 (*)	0.3493269
19	Scott_Symons	min	-6.759.644	-1.254.432 (**)
20	sd_scatter	min	0.5565596	0.3172488 (**)
21	sd_dis	min	104.041 (*)	1.552.523
22	S_Dbw	min	1.237.878 (*)	5.200.824
23	Silhouette	max	0.3428496	0.4052762 (**)
24	Tau	max	0.4617204`	0.4623046 (**)
25	Trace_W	max	4.991.034	2.750.976
26	Trace_WiB	max	2.337.548	4.727.644 (**)
27	Wemmert_Gancarski	max	0.5478105	0.4893671
28	Xie_Beni	min	4.087.259	225.283 (**)

Note: (*) indicate 2 clusters solution, (**) indicates 4 clusters solution