

This is a self-archived version of an original article. This version may differ from the original in pagination and typographic details.

Author(s): Yang, Xiaolin; Lounassalo, Irinja; Kankaanpää, Anna; Hirvensalo, Mirja; Rovio, Suvi P.; Tolvanen, Asko; Biddle, Stuart J. H.; Helajärvi, Harri; Palomäki, Sanna H.; Salin, Kasper; Hutri-Kähönen, Nina; Raitakari, Olli T.; Tammelin, Tuija H.

Title: Associations Between Trajectories of Leisure-Time Physical Activity and Television Viewing Time Across Adulthood : The Cardiovascular Risk in Young Finns Study

Year: 2019

Version: Accepted version (Final draft)

Copyright: © 2019 Human Kinetics, Inc.

Rights: In Copyright

Rights url: <http://rightsstatements.org/page/InC/1.0/?language=en>

Please cite the original version:

Yang, X., Lounassalo, I., Kankaanpää, A., Hirvensalo, M., Rovio, S. P., Tolvanen, A., Biddle, S. J. H., Helajärvi, H., Palomäki, S. H., Salin, K., Hutri-Kähönen, N., Raitakari, O. T., & Tammelin, T. H. (2019). Associations Between Trajectories of Leisure-Time Physical Activity and Television Viewing Time Across Adulthood : The Cardiovascular Risk in Young Finns Study. *Journal of Physical Activity and Health*, 16(12), 1078-1084. <https://doi.org/10.1123/jpah.2018-0650>

Table 2. The estimation results of latent profile analyses of leisure-time physical activity ($n = 2886$) and television viewing time ($n = 2929$)

Class	AIC	BIC	ABIC	VLMR	LMR	BLRT	Entropy	Class sizes ^{†‡}
LTPA								
2	26072	26143	26105	<.001	<.001	<.001	0.52	58.5%, 41.4%
3	25707	25815	25757	<.001	<.001	<.001	0.62	60.8%, 23.5%, 15.8%
4	25612	25755	25679	<.001	<.001	<.001	0.62	51.1%, 27.6%, 17.5%, 3.8%
5	25570	25749	25654	.026	.028	<.001	0.62	50.8%, 23.4%, 16.9%, 5.4%, 3.5%
6	25547	25761	25647	.324	.331	<.001	0.64	48.5%, 22.7%, 17.5%, 4.7%, 3.4%, 3.1%
TV time								
2	20058	20130	20092	<.001	<.001	<.001	0.78	83.4%, 16.6%
3	19553	19660	19603	.203	.209	<.001	0.70	62.2%, 34.6%, 3.2%
4	19335	19479	19402	.465	.468	<.001	0.67	48.2%, 38.6%, 11.7%, 1.5%
5	19026	19206	19111	.044	.045	<.001	0.84	41.8%, 38.2%, 17.0%, 2.4%, 0.6%
6	18856	19071	18957	.218	.222	<.001	0.85	41.8%, 37.8%, 17.0%, 2.4%, 0.6%, 0.4%

[†]Class counts and proportions for the latent class patterns.

[‡]Gender and age were included to predict group membership.

AIC, Akaike's information criterion; BIC, Bayesian information criterion; ABIC, Sample-size adjusted Bayesian information criterion; VLMR, Vuong-Lo-Mendell-Rubin likelihood ratio test; LMR, Lo-Mendell-Rubin adjusted LRT test; BLRT, Parametric bootstrapped likelihood ratio test; LTPA, leisure-time physical activity; TV, television viewing.