

**eTable 1.** Augmented Dickey-Fuller tests for original and differenced alcohol-related mortality series by education and lags among men and women, Finland and Sweden.

Education and lags	Finland original		Finland differenced		Sweden original	
	Test statistic	P value	Test statistic	P value	Test statistic	P value
<i>MEN</i>						
<i>Tertiary</i>						
Lag 0	-3.000	0.035*	-14.631	<0.001	-6.382	<0.001
Lag 1	-3.197	0.020*	-14.554	<0.001	-6.342	<0.001
<i>Secondary</i>						
Lag 0	-1.736	0.413	-13.565	<0.001	-5.512	<0.001
Lag 1	-1.724	0.419	-13.471	<0.001	-5.502	<0.001
<i>Basic</i>						
Lag 0	-1.633	0.466	-13.820	<0.001	-4.747	<0.001
Lag 1	-1.564	0.501	-13.809	<0.001	-4.672	<0.001
<i>All</i>						
Lag 0	-1.314	0.623	-12.864	<0.001	-6.165	<0.001
Lag 1	-1.297	0.630	-12.787	<0.001	-6.108	<0.001
<i>WOMEN</i>						
<i>Tertiary</i>						
Lag 0	-4.381	<0.001			-8.467	<0.001
Lag 1	-4.234	<0.001			-8.441	<0.001
<i>Secondary</i>						
Lag 0	-2.702	0.074	-18.808	<0.001	-5.546	<0.001
Lag 1	-2.678	0.078	-18.659	<0.001	-5.468	<0.001
<i>Basic</i>						
Lag 0	-2.251	0.188	-11.995	<0.001	-4.711	<0.001
Lag 1	-2.356	0.155	-11.620	<0.001	-4.460	<0.001
<i>All</i>						
Lag 0	-1.945	0.311	-12.101	<0.001	-4.933	<0.001
Lag 1	-1.929	0.319	-12.031	<0.001	-4.767	<0.001

Interpolated Dickey-Fuller 5% critical values in lag 0 and lag 1: -2.907 and 2.908 for the Finnish series, and 2.913 and 2.914 for the Swedish series.

All Swedish original series are stationary. No differencing is needed.

\* Phillips-Perron test non-significant.