



Application form for use of ESPAD Databases

Date: October 12st, 2013

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Are you an ESPAD Principal Investigator or Contact Person? Yes
 No

Which database(s) do you apply for? 2003
 2007 (Non-ESPAD researchers from July 1, 2013)
 2011 (Non-ESPAD researchers from July 1, 2015)

List of authors (preliminary):

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Working title of the project:

DISTINGUISHING BETWEEN THE TWO FUNCTIONS OF A FINITE MIXTURE MODEL FOR CONTINUOUS NON-NORMAL DISTRIBUTIONS

Work Plan: (Please describe objectives, methods and specify the research question(s), maximum 250 words.)

This is a dissertation research project. The principal aim to to reanalyze the data used in Muller et.al.(2011) by demonstrating how a multilevel regression mixture model may be used as an alternative approach. The secondary aim is to answer the question To what extent can the statistical analyst plausibly determine that the non-normal distribution of the outcome variable(perceived drunkenness) is a finite mixture of normal subcomponents as opposed to being a unitary continuous non-normal distribution.

Research questions:

To what extent do cultural factors influence the relationship between perceived drunkenness and alcohol consumption.

Do the relationship between perceived drunkenness and alcohol consumption vary across countries?

Planned type of publication: Paper/article Report PhD
 Other, which:

Questions (see Questionnaire(s)) to be included in the analysis: (Please indicate the question numbers.)

01 SEX,
10, ALCOHOL AVAILABILITY;
12 ALCOHOL TOLERANCE;
36e, RISK PERCEPTION;
43, PARENTAL MONITORING;
34A, FRIENDS CONSUMPTION;
14, 14a,14b,14c,14d,14e,14f, ALCOHOL CONSUMPTION;
14f, PERCEIVED DRUNKENESS;
15, ACCESSIBILITY;
19 FIRST USE;
B1, SELF SATISFACTION;
19 AGE OF ONSET

Countries to be included in the analysis: All accessible countries

A more limited number of countries, namely:

ESPAD Principal Investigators and Contact Persons should e-mail this document to espad@can.se.

Non-ESPAD researchers should e-mail this document to an ESPAD Principal Investigator or Contact Person (see www.espad.org), who will forward it to the coordinators.