



MULTINATIONAL EVENT HISTORY CALENDAR INTERVIEWING

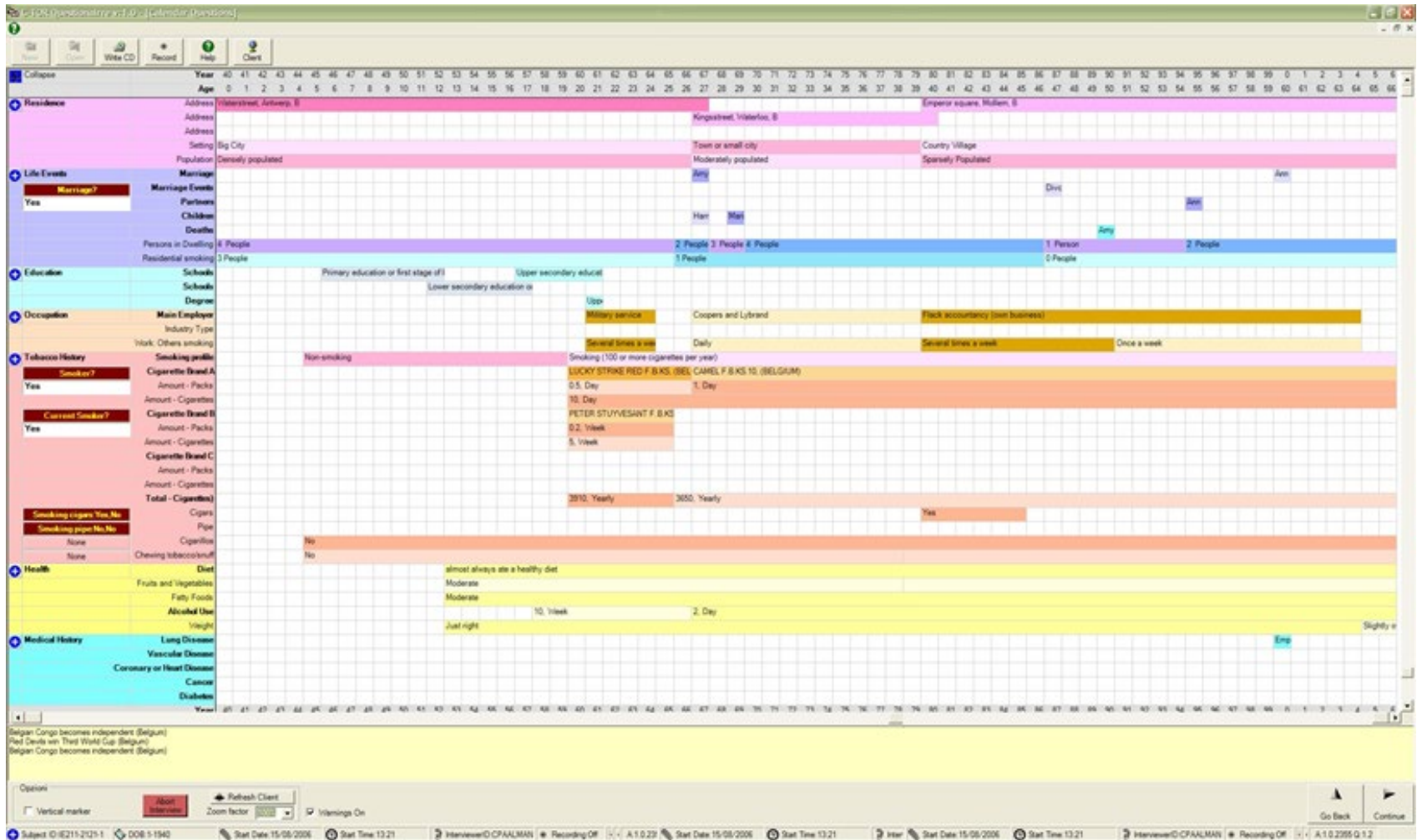
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Survey Methods in Multinational, Multiregional, and Multicultural Contexts
Chicago 2016

Event History Calendar (EHC) Interviewing

- > Graphical time frame, enhance respondent's recall
- > Not much known on interviewer effects
- > Even less known on intercultural effects

EHC



Interviewer skills in an EHC-interview

- > EHC techniques
 - + Cross-checking, Cueing
 - + Probing for changes
- > Standardized techniques
 - + Reading questions & response alternatives
 - + Inferences
- > Cope with irrelevant talk
- > Technical skills EHC instrument

EHC in a multinational study

- > Epidemiologic case-control , April 2007-2008
- > 26,000 respondents (patients)
- > Countries involved in current study: France, Germany, Greece, Italy, Slovenia
- > EHC Timelines
 - + Smoking history
 - + Other relevant risk factors
 - + Other life events: for cueing and cross-checking

Interview set-up



Monitoring interviewer performance

- > Train-the-trainer model
- > Training with practice and role-playing
- > All interviews were audio-recorded
- > Systematic sample behavior coding
- > Interviewers receive feedback & recommendations

Behavior coding program

Behavior Coding

16 Smoking profile (81,900,901) Language

(1) Haben Sie in Ihrem gesamten Leben 100 Zigaretten oder mehr geraucht?
[Wenn ja:]
(2) Haben Sie 100 oder mehr Zigaretten zwischen [Datum der Einverständniserklärung minus 24 Monate und Datum der Einverständniserklärung minus 12 Monate] geraucht ?
(3) Denken Sie nun zurück an Zeitabschnitte, in denen Sie rauchten sowie an Zeitabschnitte, in denen Sie nicht rauchten.
(4) Zeiten, in denen Sie 100 oder mehr Zigaretten pro Jahr rauchten, zählen als Raucherabschnitte.

Question reading:

adequate
 changes question
 skips question

What is changed?

smoking periods

Cross checking:

balanced
 unbalanced
 no cross check

Data entry:

correct
 incorrect

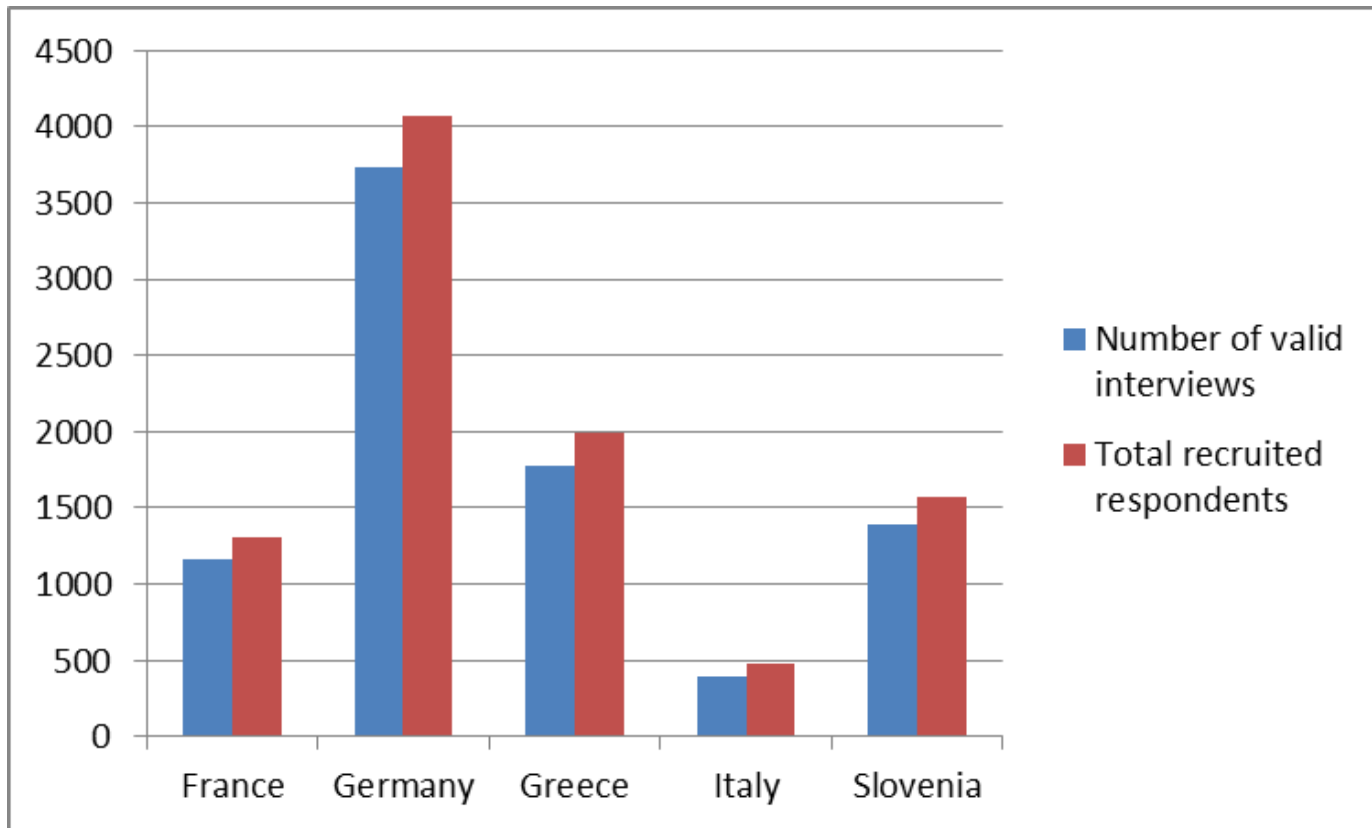
Probing for changes:

adequate
 suggests
 fails to probe
 probing not necessary

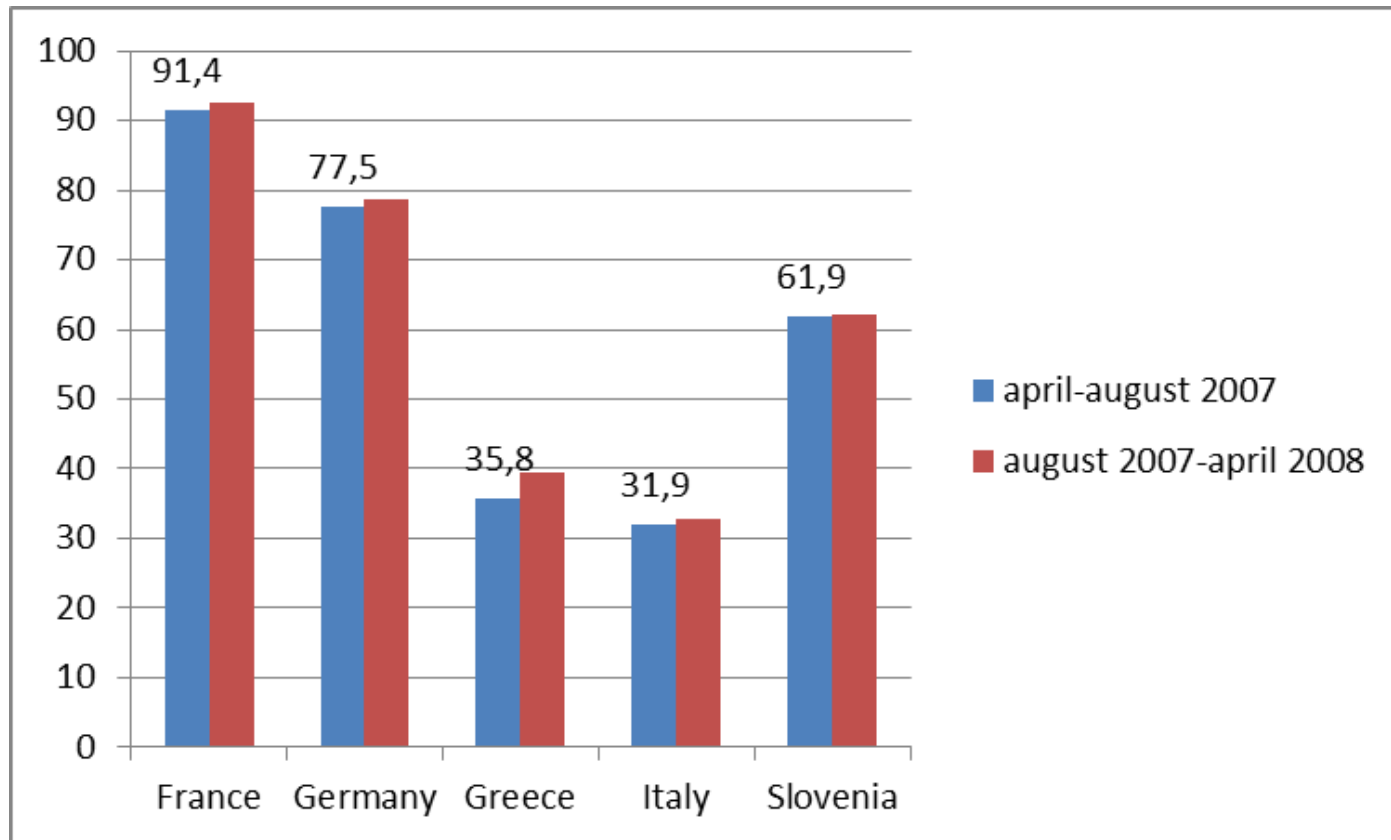
The question is not read as worded, and its meaning has been changed. Specify the change by clicking the mouse on 'What is changed?' to select an option, or type the question as read by the interviewer.

C-T O R Previous Next

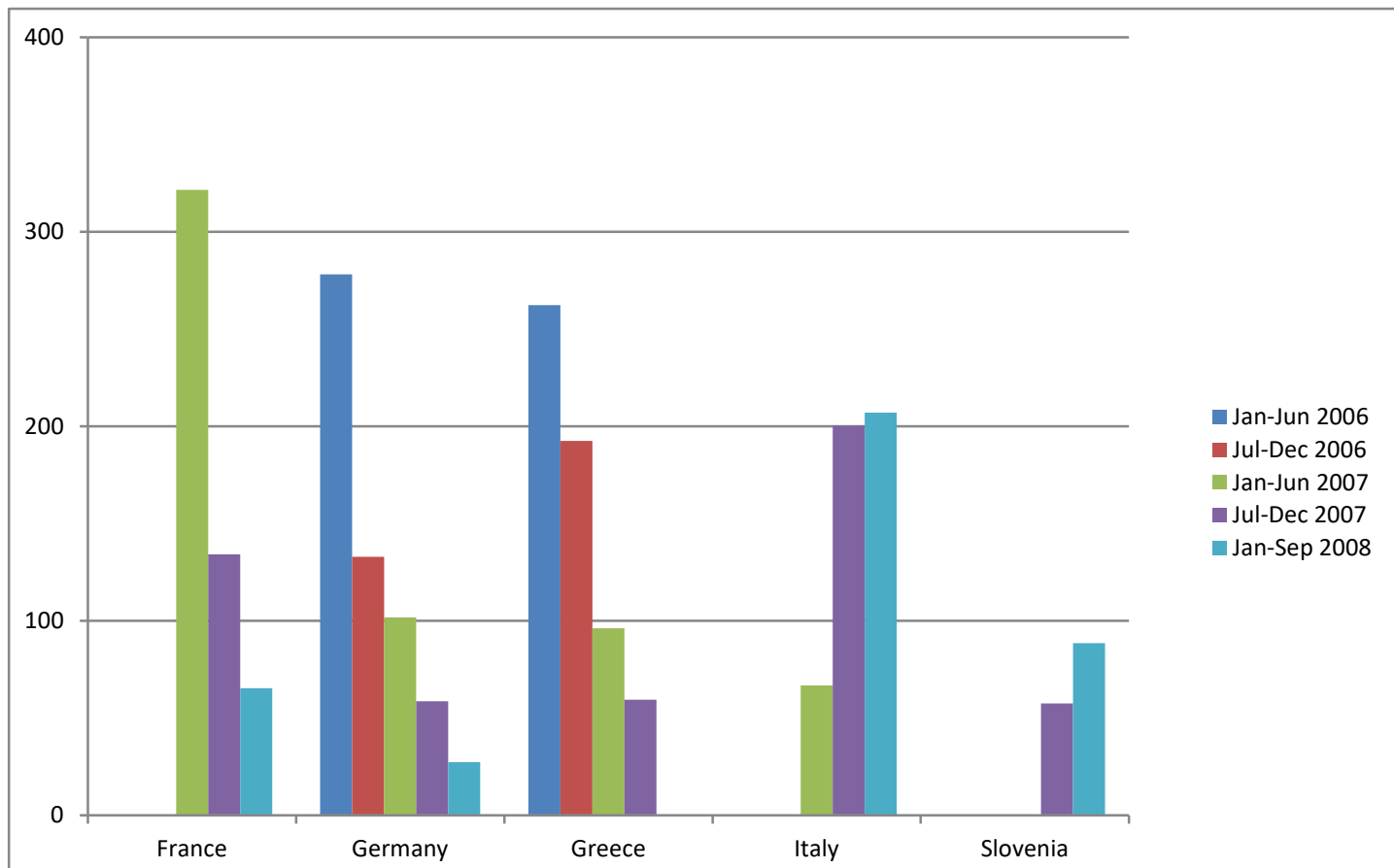
Results: Number of cases



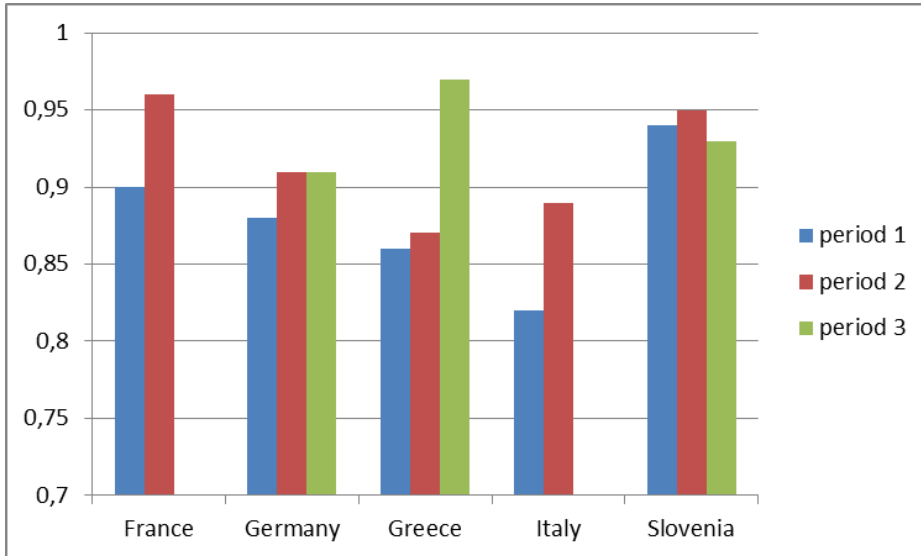
Results: Percentage of audio-recorded interviews



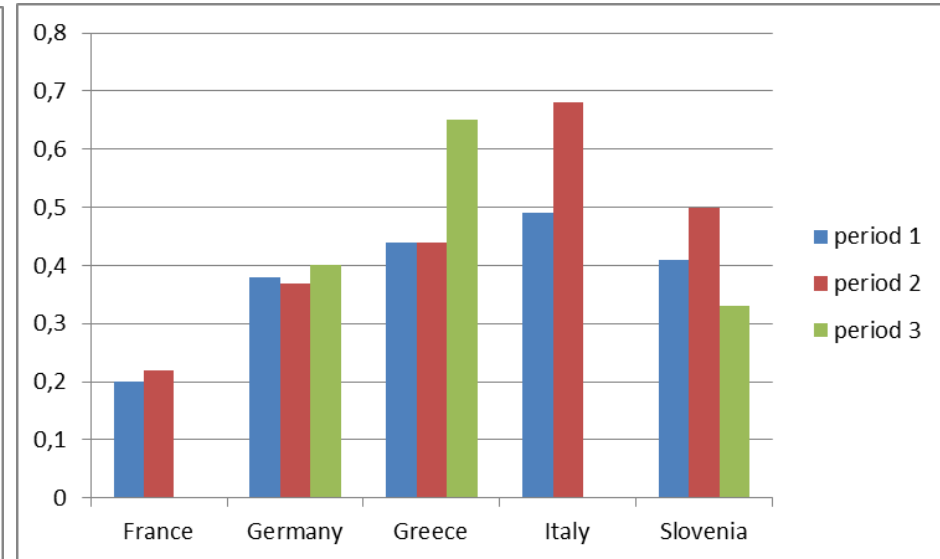
Results: Feedback processing speed (in nr of days)



Results: Interviewer performance

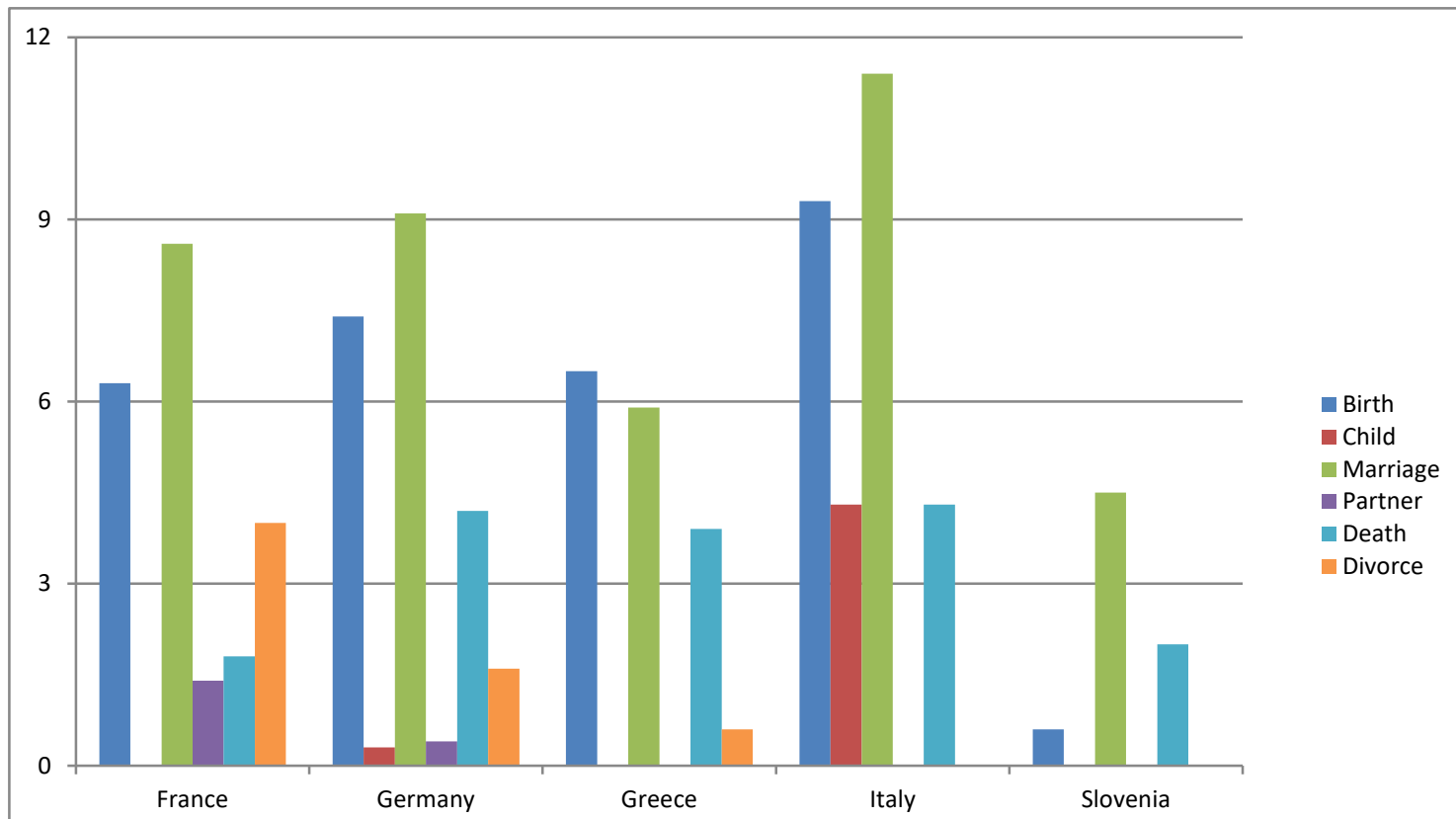


Standardized behaviors



Calendar-specific behaviors

Use of different cross-checks across countries



Conclusion

- > Complex multinational survey
- > Standardization successful due to intensive interviewer training
- > Cross-checking is essential in EHC's and relevance of domains differs per country
- > Recording rate and feedback processing speed differed per country
- > Including paradata, also as a sample source for behavior coding, improved implementation of behavior coding



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Thank you

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