

#### 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

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## 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



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## Monitoring interviewer performance

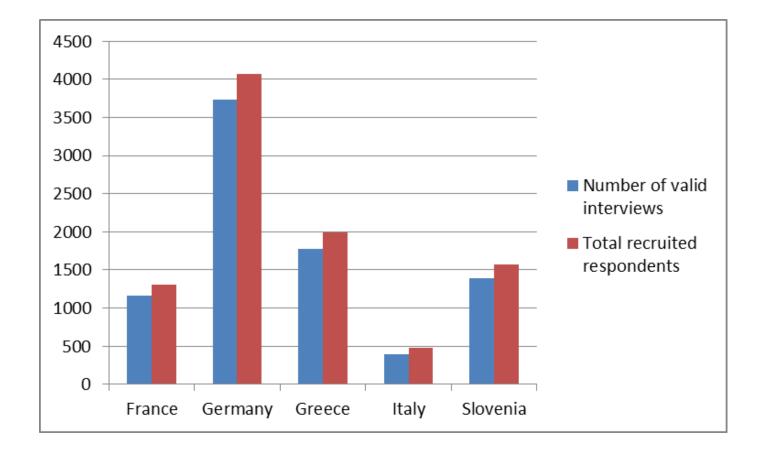
- > Train-the-trainer model
- > Training with practice and role-playing
- > All interviews were audio-recorded
- > Systematic sample behavior coding
- > Interviewers receive feedback & recommendations

# Behavior coding program

Behavior Coding					
16 Smoking profile	e (81,900,901)	Language	smoking periods		
geraucht? [Wenn ja:] (2) Haben Sie 100 oder Einverständniserklärung Einverständniserklärung (3) Denken Sie nun zurü sowie an Zeitabschnitte,	gesamten Leben 100 Zigaretter mehr Zigaretten zwischen [Datur minus 24 Monate und Datum de minus 12 Monate] geraucht ? ick an Zeitabschnitte, in denen S in denen Sie nicht rauchten. 100 oder mehr Zigaretten pro Ja	m der er Sie rauchten	Cross checking:         balanced         unbalanced         no cross check         Data entry:         Probing for changes:         o correct         o adequate         incorrect         o suggests         o fails to probe		
Question reading: What is changed?				opposing not necessary	
<ul> <li>adequate</li> <li>changes question</li> <li>skips question</li> </ul>	O charges question		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.		

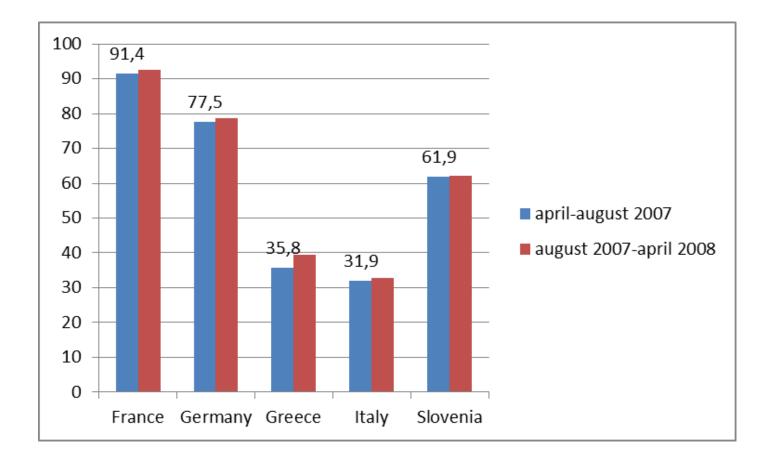


# Results: Number of cases

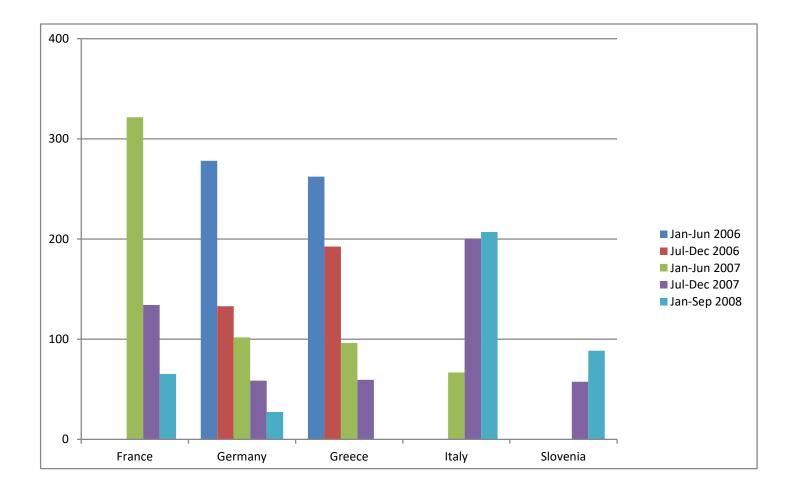




# Results: Percentage of audio-recorded interviews

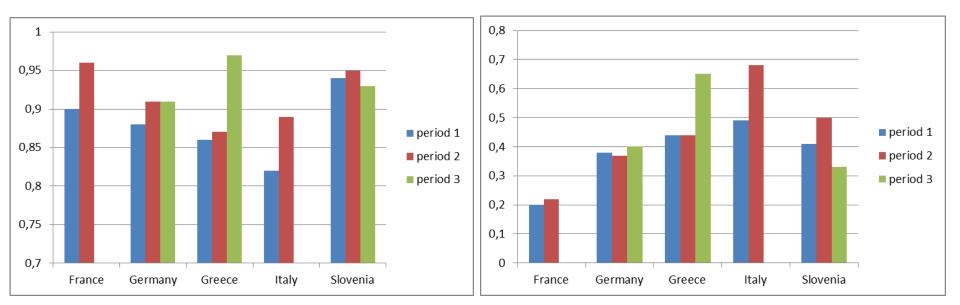


# Results: Feedback processing speed (in nr of days)





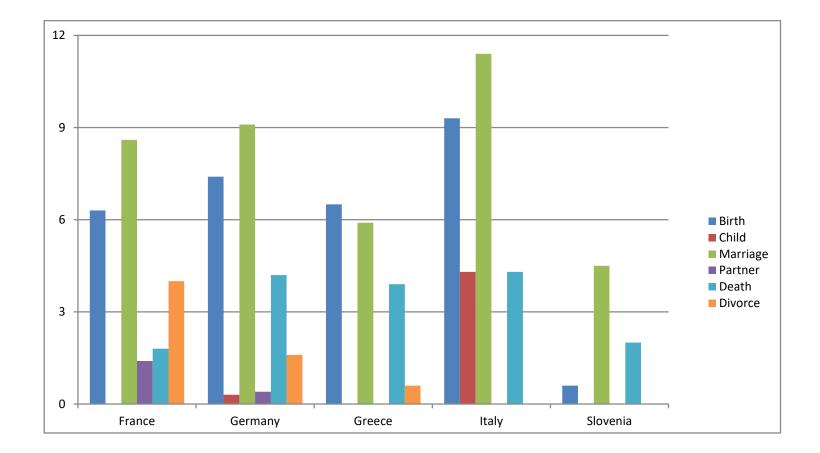
### Results: Interviewer performance



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





# Thank you

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