

Index

| 1. | Study Goal | p. 3 |
|----|---|-------|
| 2. | Study design | p. 5 |
| 3. | Considerations for ASD in online panels | p. 7 |
| 4. | Study results | p. 13 |
| 5. | Conclusions | p. 23 |
| 6. | Food for thought | p. 25 |



TNS NIPO

Author(s)
Robbert Zandvliet

| © TNS

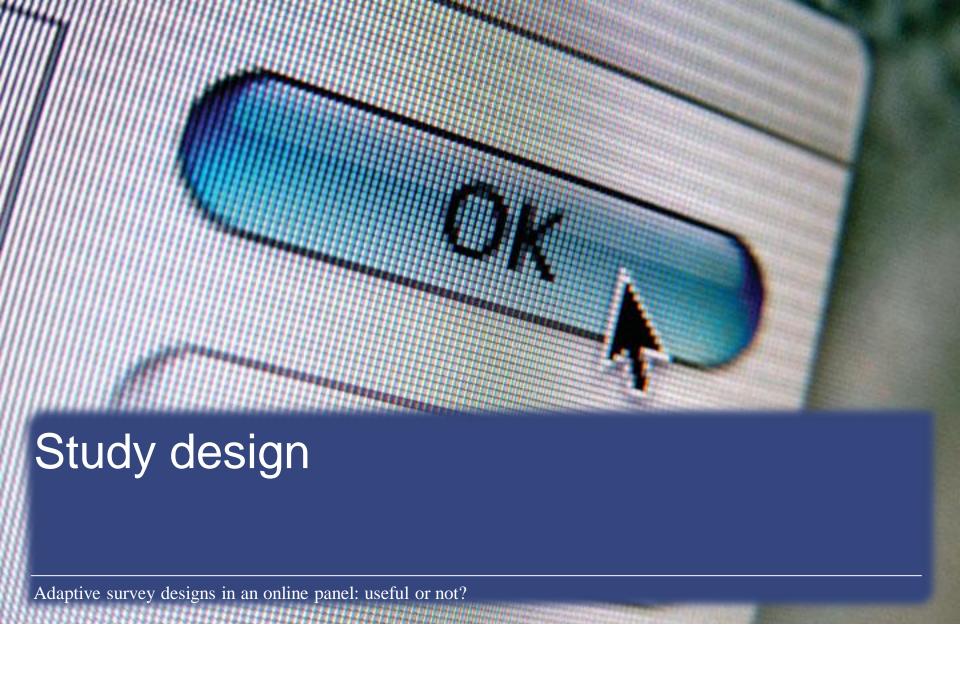


Study Goal

Study goal



- Online (access) panels usually contain people who are prepared to participate in surveys
 - However, do differences in response between panel subgroups exist?
 - And if so, online fieldwork in a panel is already standardized and very (cost)efficient, so:
 - Is there any added value in using ASD in an online panel?
 - What are the chances for customized approaches?



Study design

- Analysis of response behaviour in TNS NIPObase in period 01/12/10 01/12/11
 - 1.5 million survey invitations
 - 1.1 million responses ('touches')
- How do different 'steering mechanisms' affect response behaviour differentiated by:
 - age
 - gender
 - education
 - ethnicity
 - social participation
 - household type
- Aim: to identify chances for ASD



Possible advantages

- Higher and more balanced response (decreasing weight factors, data quality)
- Cost reduction (less excess response, implying less incentives)

Possible disadvantages

- Cost increase (in survey operations)
- Tailor-made approaches for subgroups may in fact influence response behaviour for those groups



Online fieldwork: what are possible 'steering mechanisms'?

- Sample size
- Fieldwork duration (precommunicated)
- Period of year
- Day(s) of week
- Reminders
- Questionnaire length (precommunicated)
- Topic or invitation (precommunicated)
- Incentives
- Lay-out

- Countless of respondent characteristics are known up front...
 - Socio-demographics
 - Socio-economics
 - Locational characteristics
 - Activity-related features
 - Life styles
- ...implying many possibilities for developing tailor-made approaches

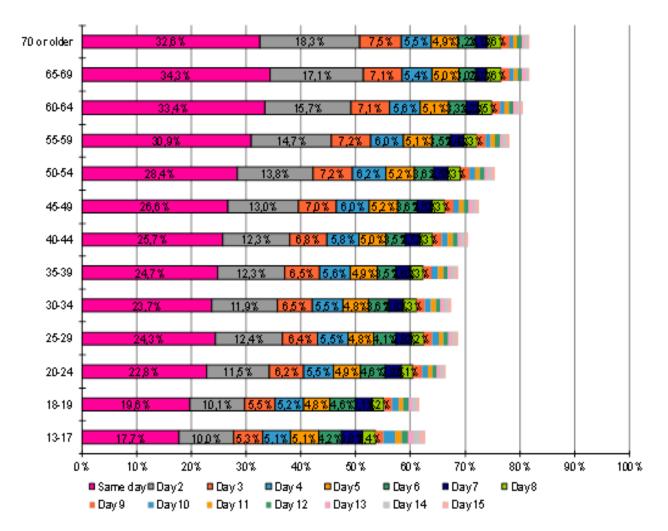


About TNS Nipobase

About TNS NIPObase

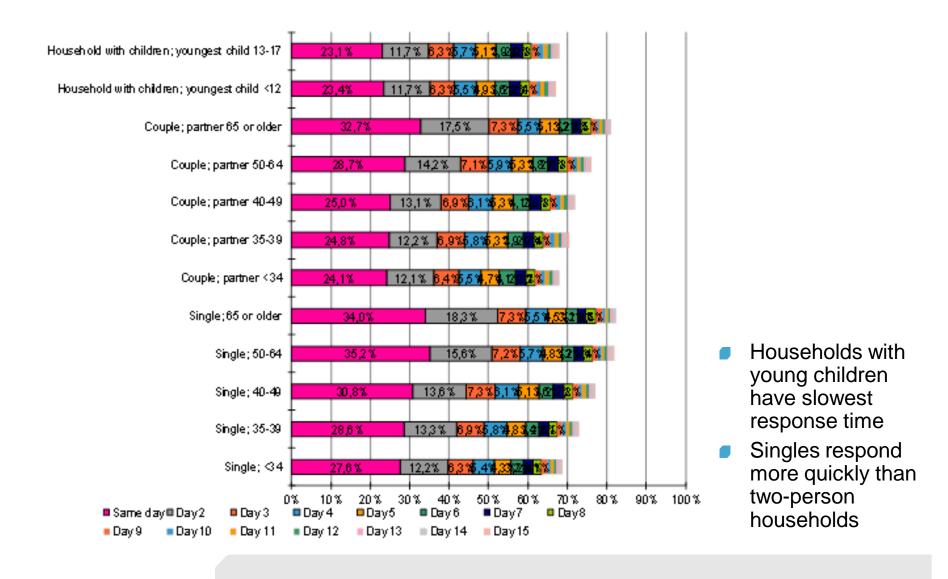
- Online approachable: 58.000 households (133.000 persons) (01/03/2012)
- Approx. one survey invitation per month.
- Panel dropout ratio: less than 10% per year
- Acquisition of new panel members
 - 70% via traditional survey methods
 - 20% via external databases
 - 10% via 'snowballing'
 - No self-selection to prevent selection bias

Days of fieldwork and age

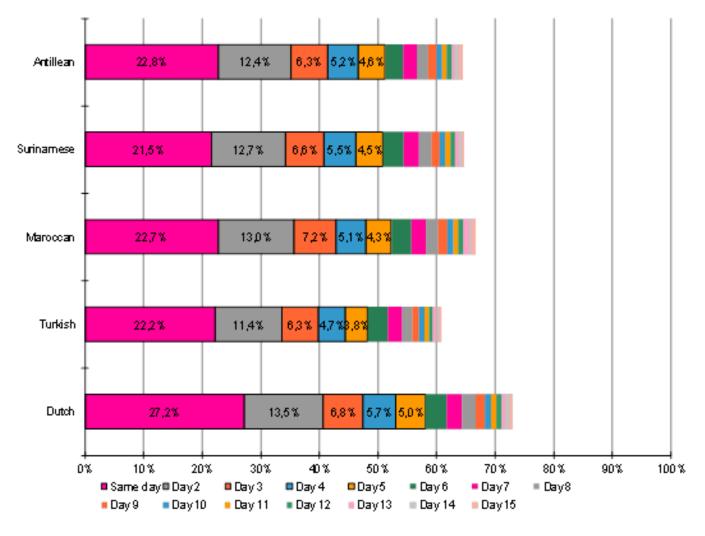


- Increasing age leads to quicker response times and higher overall response
- Overall response may differ up to 20%
- 50% response requires
 2 days for senior
 respondents and 7 for
 children

Days of fieldwork and household type

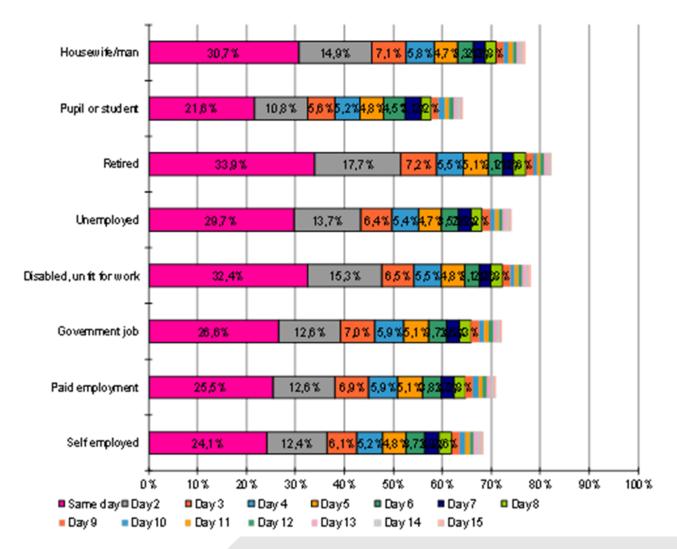


Days of fieldwork and ethnicity



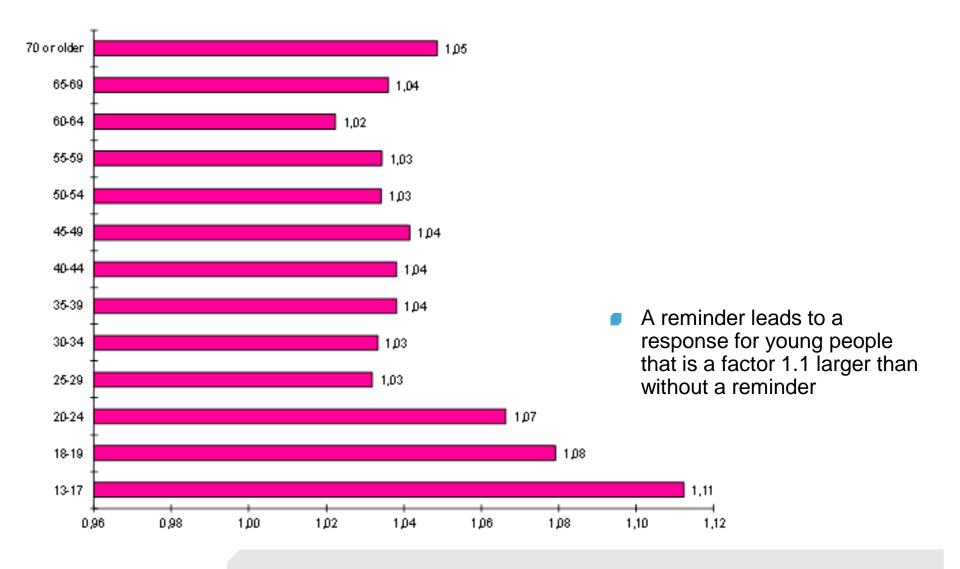
- Respondents with Dutch origin respond better and quicker than TMSA respondents
- Comparable with what you see in non-panel based surveys, but differences are smaller

Days of fieldwork and social participation

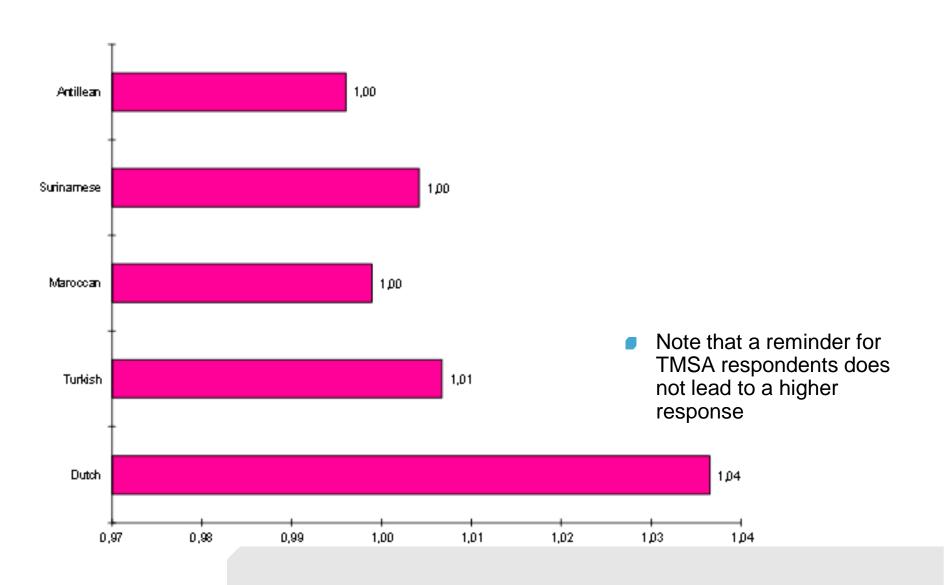


- Again, age seems to have a large impact (compare students and pensioners)
- Unemployed people respond quicker than employed people
- Also, compare type of employment

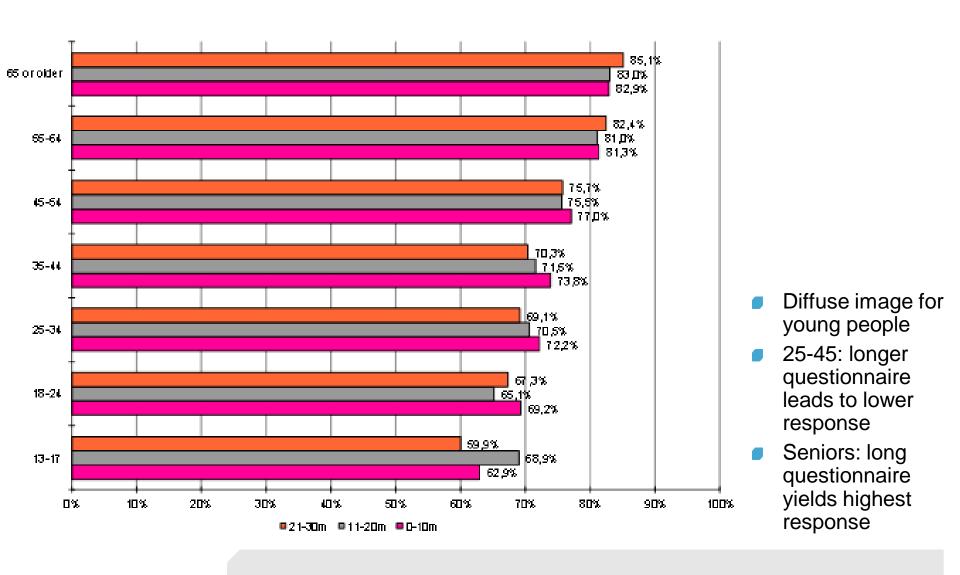
Reminder and age



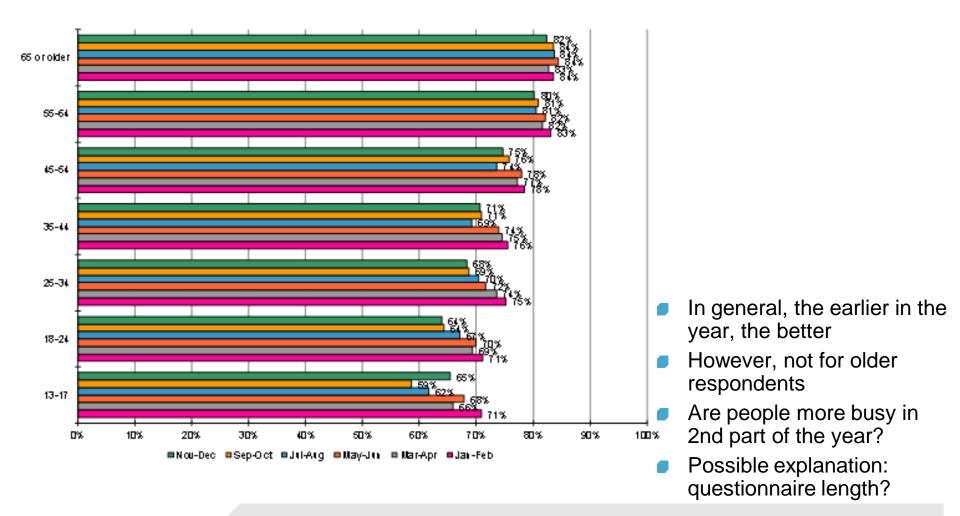
Reminder and ethnicity



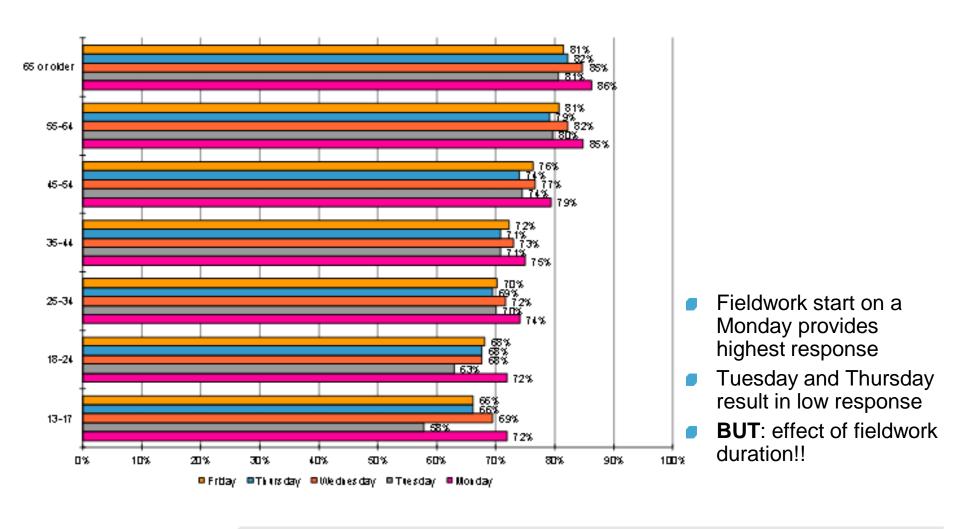
Questionnaire length and age



Month and age



Day of week and age 1/2



Day of week and age 2/2

Response per starting day, after 7 days of fieldwork

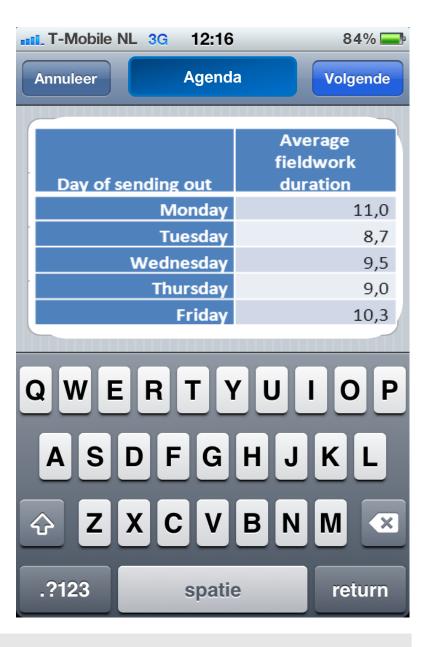
Monday 66%

Tuesday 69%

Wednesday 68%

Thursday 63%

• Friday 67%





Conclusions

Conclusions

- Young people: don't save on fieldwork duration!
 - If you HAVE to: use reminders
- Accordingly, fieldwork duration for older people may be kept to a minimum
- TMSA respondents → basic rule: response takes time!
 - Time seems to be more effective than a reminder
- Employed persons: consider use of split questionnaire designs instead of one long questionnaire
- In general, organize survey in first part of the year...
- ...and avoid starting fieldwork on a Thursday



Food for thought...

- Fieldwork length, questionnaire length and topic are all precommunicated
 - Changing these may affect response behaviour
- Fieldwork capacity limitations: you can not send out all invitations on Tuesday
- 'Extreme' weight factors may be an indicator that ASD is needed
- Response rate is high in TNS NIPObase (70%+), thus need for ASD limited
 - Incentives on household level, so gatekeeper may stimulate other household members to participate
- Current practice ASD in TNS NIPObase: sample size and (sometimes) reminders
 - Increased use of ASD not likely: operational costs > cost savings (less incentives) + data quality improvement (if any)
 - However, if fieldwork duration needs to be short, ASD might be desirable for some groups, such as children, children households, and TMSA respondents
- Smart Sample Management System...

Further research

