

# 6<sup>th</sup> Workshop Advances in ASD and RSD

## DISCUSSION



6th Workshop on Advances in Adaptive and responsive survey design  
US Census Bureau, November 4-5, 2019



# Why adaptive survey design?

## Common problems:

- Pressure on survey budgets
- Decreasing response rates
- Changing forms of communication within society
- Changing perceptions of respondents towards surveys and sponsors

## Common opportunities:

- Advance of technology in administration and logistics
- Multiple channels of communication with respondents

## In general:

Adaptive/responsive survey designs acknowledge problems/opportunities; they generalize existing sampling and data collection designs BUT risk including all the complexities of surveys and require advanced logistics



## Differences in setting/context

- Length of data collection period and number of instances (phases) for intervention
- Persistence in refusal conversion
- Strength of prior knowledge (frame/registry data, paradata previous waves)
- Focus on learning during data collection or from wave to wave
- Focus on structural and incidental deviations from optimal quality



## Open issue/challenges

Future topics (Chapter 12 in Schouten-Peytchev-Wagner 2017)

- Empirical evidence of effective ASD;
- Practical approaches, procedures and methods;
- Definition survey objectives and constraints;
- Versatile data collection systems;
- Additional skillset to run ASD in practice;
- Designed paradata;
- Longitudinal survey designs;
- Multiple sources of error, e.g. measurement error;
- Optimization of ASD;



## DISCUSSION

- Has the ASD/RSD landscape changed?
- Is ASD/RSD a commonly accepted approach? If not, why?
- Why is ASD still not considering ME error?
  - ME less volatile from one wave to the other wave
  - ME not responsibility of data collection departments
  - ME hard to quantify and ignored in total quality control
- Do sensors/wearables bring new opportunities?
  
- What should be the focus of ASD/RSD research in coming years?
- What do we hope to see at the 7th ASD&RSD workshop in 2021?

