Surveys on Mobile Devices: Opportunities and Challenges

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But there are also unknown unknowns – the ones we don't know we don't know."

(Former U.S. Secretary of Defense, Donald Rumsfeld February 12th, 2002)











Completion of Web Surveys on Mobile Devices The proportion of respondents completing surveys on mobile devices appears to vary by population and type of survey Example estimates: Tourangeau et al. experiments: <1% of opt-in panel members used non-standard devices Peterson (2012): use of smartphones in consumer surveys range from 3% (credit card users) to 30% (mobile telecom subscribers) Comer and Saunders (2012): about 8.5% of US respondents used mobile device Pearson and Veling (2012): in 4 consumer markets, 4.6% used smartphone, 2.3% used tablet Guidry (2012): 3.8% of college students started on smart phone and 0.38% started on tablet McClain et al. (2012): 6.5% of college students started on smart phone Macer (2012): estimate of 6.7% across companies surveyed, and 2.7% for Confirmit surveys in 2011

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Context Variab	les		
	Mobile Web	PC Web	X ² , <i>df</i> =1
Survey completed outside the home	44.9%	29.0%	48.28***
Other persons present during completion of survey	29.2%	16.1%	43.48***
Trust in confidentiality of the survey mode	62.8%	74.8%	29.59***
Felt that questions were sensitive/very sensitive	56.7%	63.5%	8.49**
Feeling uneasy/very uneasy answering the questions	21.9%	24.4%	1.54 (n.s.)
Ν	884	884	
*p < 0.05, ** p < 0.01, ** p < 0.001 (two-tailed)			
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