# Jacques Suray,<sup>\*</sup> Jan H. Klemmer,<sup>†</sup> Juliane Schmüser,<sup>†</sup> and Sascha Fahl<sup>†</sup> — <sup>\*</sup>Leibniz University Hannover, <sup>†</sup>CISPA

<b>Research Questions</b>	Met
RQ1: How do SOUPS research articles include future work statements?	
statements from SOUPS research articles? Motivation	<b>1a. Iden</b> Statem Manual to ident
<ul> <li>Future Work Statements (FWS) are included in many research publications</li> <li>FWS suggest directions to advance academic research, e.g., follow-up work, replications.</li> <li>FWS might stimulate how fields evolve and could impact the overall body of knowledge.</li> <li>Community lacks understanding of how FWS are used, and</li> </ul>	
whether they are implemented. Definition: Future Work Statement	<b>2a. Futu</b> 26 SOUI 129 futu
A <i>future work statement</i> is a passage in a research article that suggests future work ideas that the research community could address.	<b>3a. Futu</b> <b>Analysi</b> Analyze for cont specifici



Leibniz Universität Hannover



How the Future Works at SOUPS: Analyzing Future Work Statements and Their Impact on Usable Security and Privacy Research Jacques Suray, Jan H. Klemmer, Juliane Schmüser, and Sascha Fahl https://arxiv.org/pdf/2405.20785



Method		FWS Conte
	Proceedings 27 publications. <b>1b. Collect Citations</b> Collected all 1,484 citations of the SOUPS 2019 papers via Google Scholar.	Clearly Clearl Clearly Stating Rese Objective A
	<b>2b. Filter for Citing Publications</b> Applied exclusion criteria: – no/dead links: 29 – paywalls: 45	<ul> <li>Implement</li> <li>Only 8 of 129 F</li> </ul>
	<ul> <li>non-English: 76</li> <li>non-publication formats: 18</li> <li>broken PDFs: 22</li> <li>cite paper without statements: 50</li> <li>duplicates: 266</li> </ul>	<ul> <li>Authors rarely</li> <li>Publications r acknowledgir</li> </ul>
2a. Future Work Statements 26 SOUPS 2019 papers contained	<b>3b. Citing Publications</b> 978 papers cited 26 SOUPS 2019 containing future work statements papers 1,207 times. <sup>a</sup>	<ul> <li>Ambiguous: "[. for future work</li> <li>Research Object</li> <li>be useful to contended to the second to th</li></ul>
129 future work statements.	<sup>a</sup> Some citing publications cited multiple 2019 SOUPS papers.	• If making a F
<b>3a. Future Work Statement</b> <b>Analysis</b> Analyzed future work statements for content, location, and specificity.	<b>4b. Analyze Citing Publications</b> Analyzed if and how a citing publication implements a future work statement.	<ul> <li>research goal of</li> <li>Make FWS fin subsection nat</li> <li>Acknowledge</li> </ul>

### ent

Broad/Ambiguous y Stating Research Objective arly Stating Research Method search Objective and Method Addressable in Single Study



## tation of FWS

FWS were implemented in 7 publications.

ly implement their own FWS.

might be inspired by earlier papers, without

ing FWS from prior publications.

"[...] We suggest practical security as an area rk. [...]"

jective and Method: "[...] In future work, it would catch behavior changes closer to the moment "ors occur, perhaps through a diary study. [...]"

## ndations for FWS

**WS, be specific:** Use insights to describe a

or question and its method

ndable: Ideally, within the Discussion in a

amed Future Work

e when FWS shaped own research





