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Design of trustworthy and inclusive Al services in the public sector

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# Design of Trustworthy and Inclusive AI Services in the Public Sector

### 2019-2021: Qualitative study on citizens' attitudes and requirements for trustworthy AI in public sector



"runnic services should sweet in convenience user interpress most can meet the needs of ledividuals 24/7, serving them in a mare agile, accessible and feater way, from a single point of contact." High-Levil Expert Group on Artificial intelligence in "Policy and investment recommendations for

be date, early in the control of the legitimate use challenged by civil society. Engaging civil society in participatory deliberations on the use of Ai has only begun to be



### Methods

is nuclearned 25 in-depth semi-structured interviews and a dealer

Al service Example case
Decision making Al service that makes a decision whether the applicant

and reason a decision whether the applicant will receive benders. All service that predicts mental health problems of citi-cens and informs a family about it.

## Objective

The goal of this qualitative study is to investigate what kind of requirements citizens have for trustworthy Al services in the public sector.

### Project collaborators



( ) serve Helsinki S ..... SITRA

Kela

#### Results: citizen attitudes



mobile senses shuster contout street shuster contout street

multiple benefits for the society"

### Results: transparency requirements



Who are the users of the public service?

#### Conclusions

process

Urger of the service

#### Transparency is a particularly important

requirement of public AI services. This work provides a list of 27 questions that ought to be answered by such services to achieve trustworthiness. Data consent and human involvement are other important requirements that should be considered in Al service design. The results of this work influenced the creation of the Al-register in the City of Helsinki.

2. transparency requirements of citizens. The ones repeated most often are highlighted

research paper by this OR code 

2021-2026: Civic Agency in AI? Examining the AI Act and Democratizing Algorithmic Services in the Public Sector

sector. I don't want the

multiple benefits for the

### Objectives

1) understanding the values, positions, and narratives related to the Al Act and public algorithmic services;

2) examining the rights, risks and responsibilities for civil society with regard to algorithmic public services;

literacy, participatory design process, and civic agency for increased transparency. accountability, and governance of trustworthy Al

### RQs RO1: What are the values, positions, and narratives

understand the rights, risks, and responsibilities involved in algorithmic public services? How do they perceive their leve of algorithmic literacy and agency to critically question or

inclusion, and civic agency in the design of public AI servi for increased transparency, accountability, and governance

vernance ecosystem of public sector AL in the context of RDS: How does engaging different actors in algorithmic

literacy and civic agency contribute to critical discourses and democratization of public Al services?

Would you like to collaborate? Do vou know the Public AI service case that would be interesting to study?

We are now planning our study with Finnish Public Sector services, such as Al Learning Inalytics for Schools, Education Division of Helsinki; Kamu Migri Chatbot, Finnish Innovation Unit, Kela Social Welfare Services We are happy to learn about other Al public service cases happening in the Nordics or Europe. Reach out via below contact details or stay and talk with me :).

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## PREAGO

Requirements and Architecture Research Group

### CRAI-CIS

The CRitical Al and Crisis Research Group

