Instagram photos reveal predictive markers of depression

(Andrew G. Reece and Christopher M. Danforth, 2017)

DH-500 - paper presentation 07/05/2021

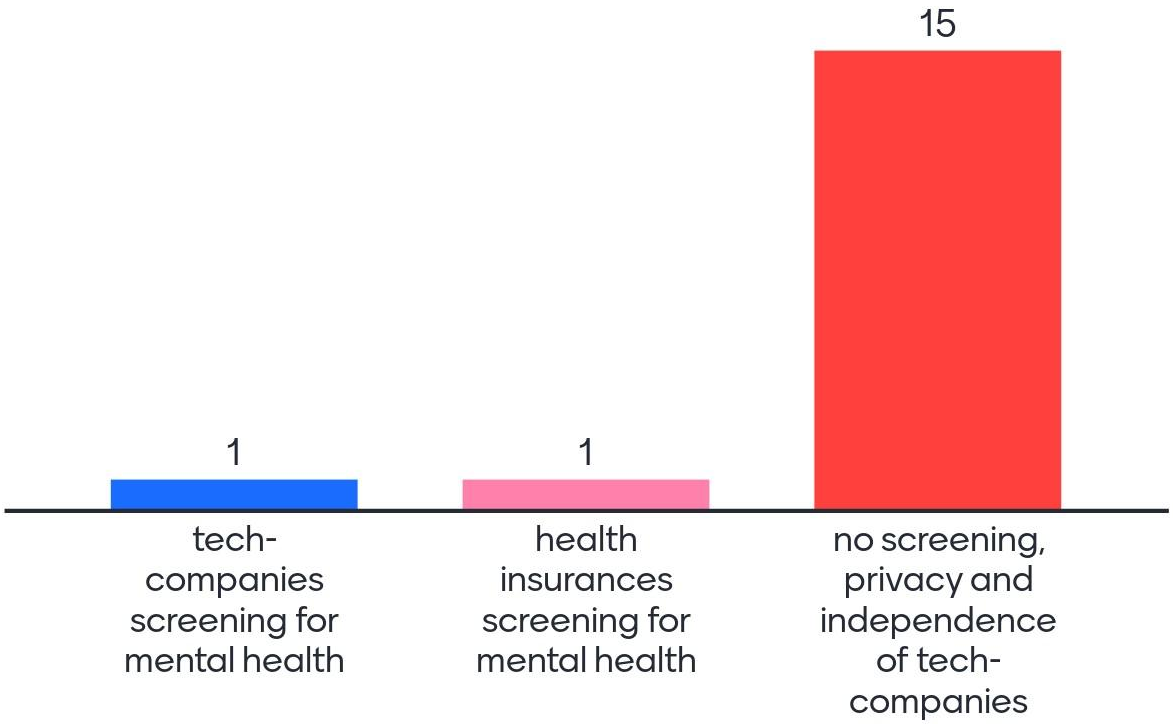
Discussants: Julian Fritsch, Anna Sophia Bauer

your opinion please!

SCREENING: What's more expensive for society / healthcare system? False positives or false negatives?

What screening mode is useful for a society?

Mentimeter



17

Who can label people for depression screening?

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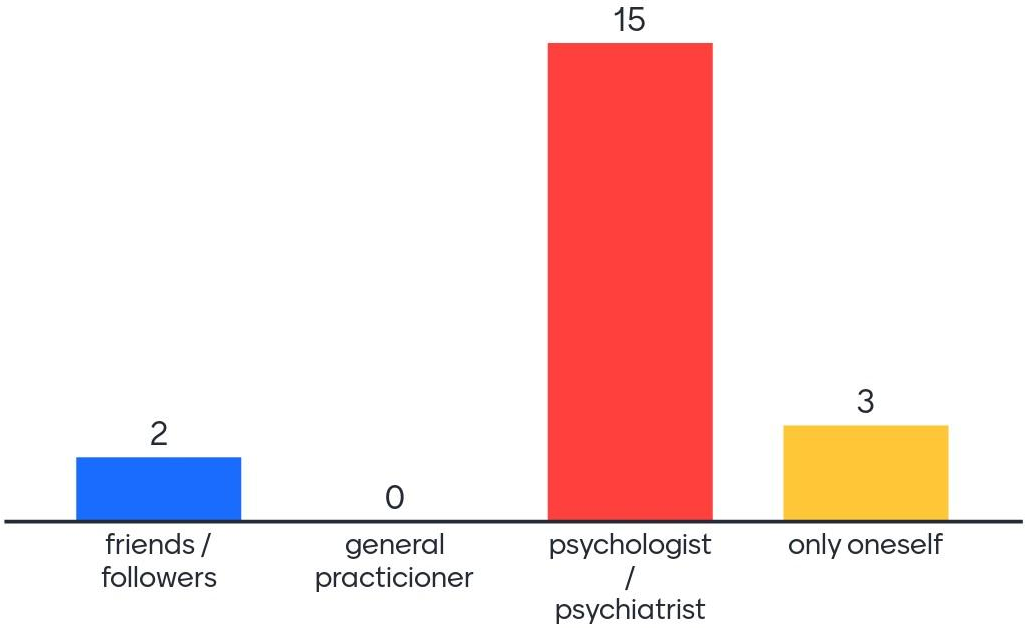
Mentimeter



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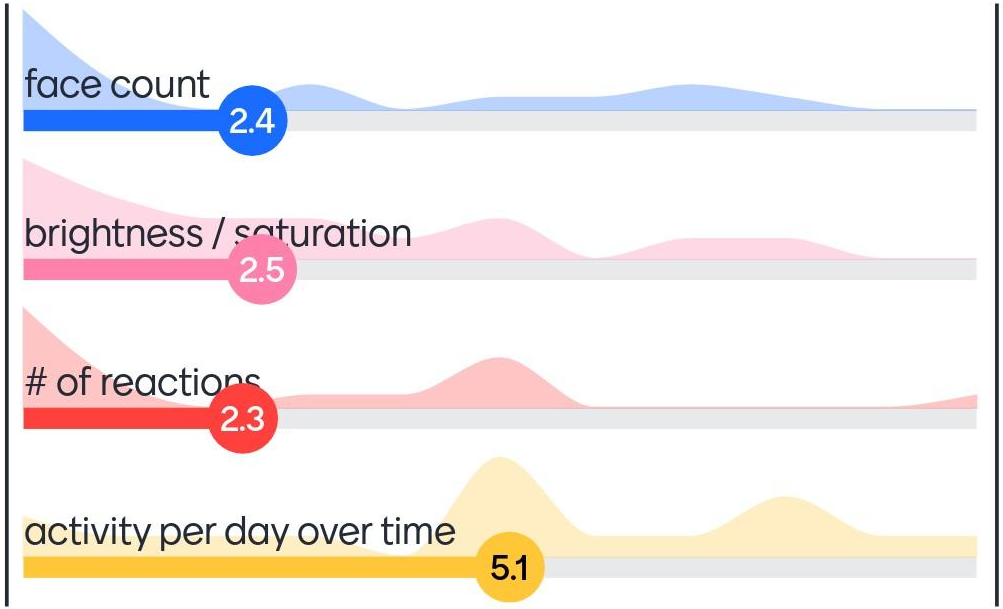
Mentimeter



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What kind of social media data is sufficient for depression screening?

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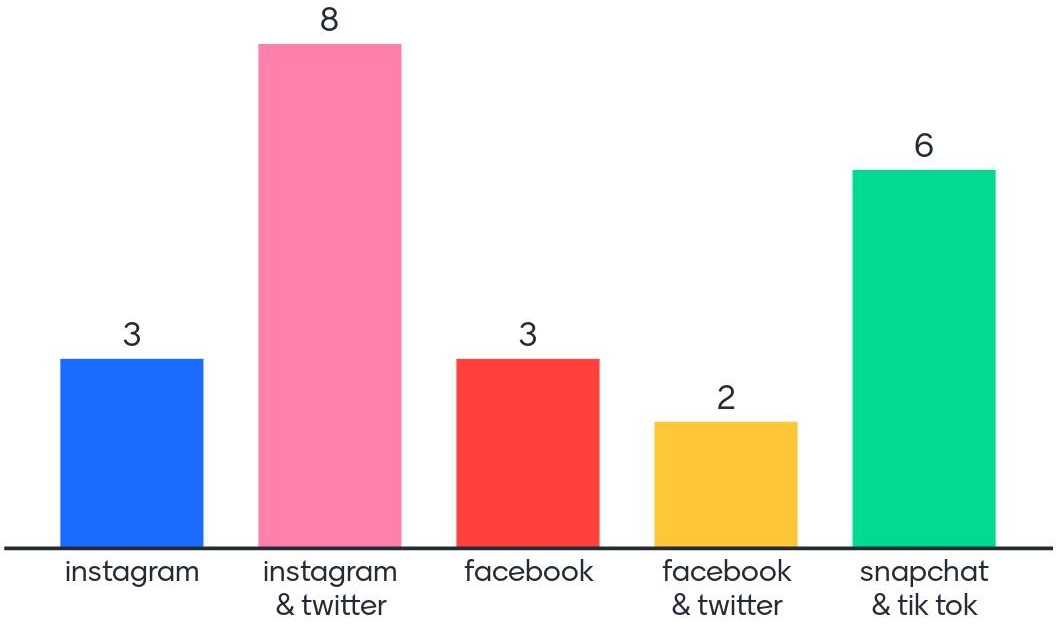

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Should social media companies do screening of mental disorders in general or be restricted?

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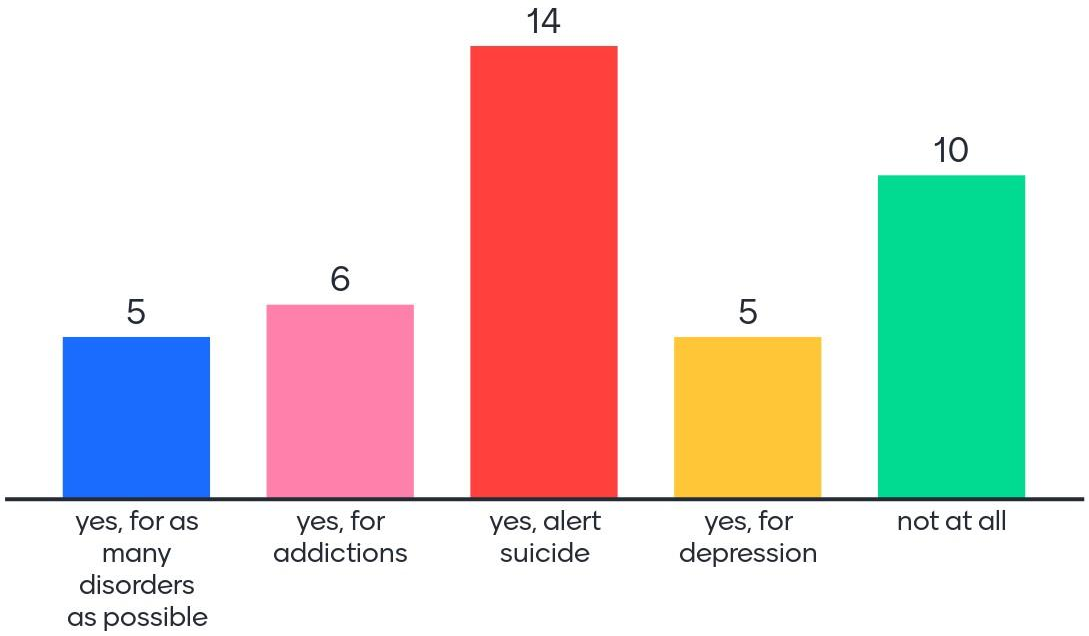

22

If instagram depression screening is a future business, how should this work?

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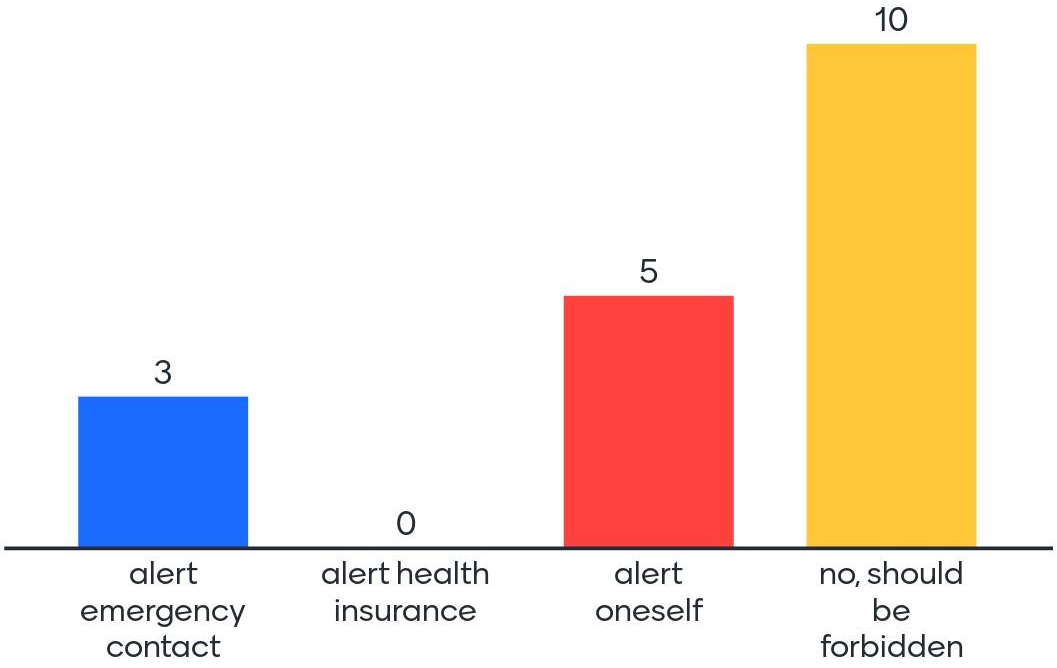

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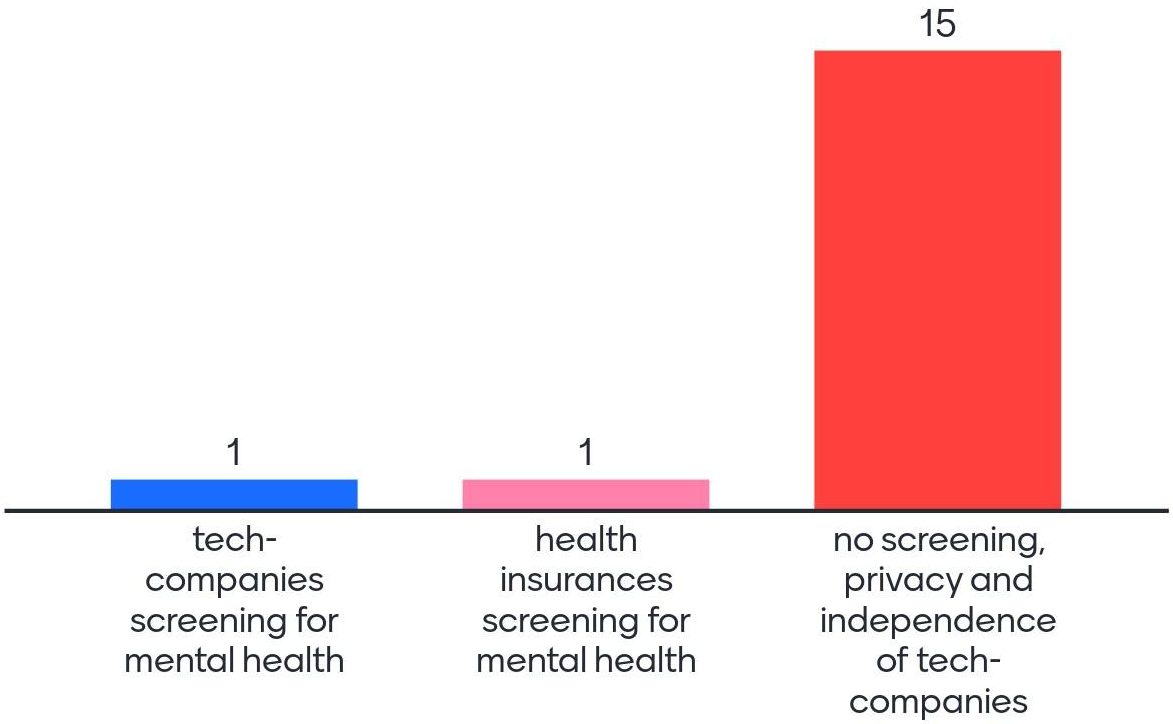

17

Would you allow Instagram to use your data

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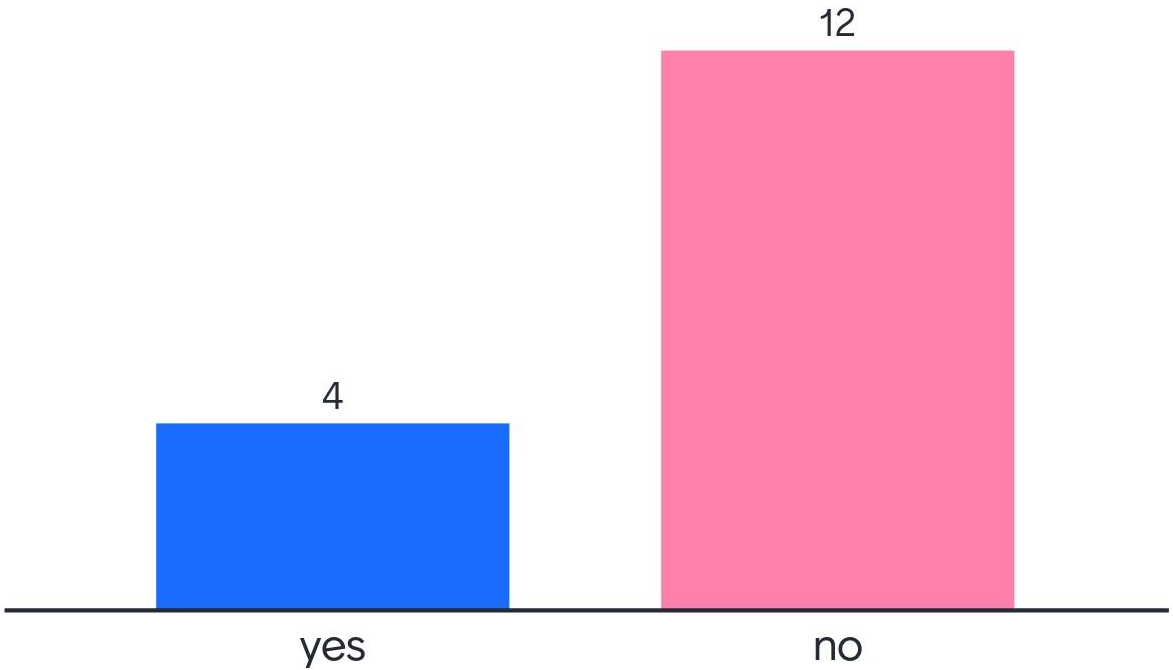
Mentimeter



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Correlation or Causality?

Demographic correlation?

Current perspectives on depression treatment indicate that people who are

- well-informed and psychologically minded
- experience typical symptoms of depression and little stigma
- trust effectiveness of treatment
- adequate social support
- high self-efficacy

seek out mental health services

→ intersection with typical Instagram user demographics
caution in making broad inferences, based on our findings.

References

Reece, A. G., & Danforth, C. M. (2017). Instagram photos reveal predictive markers of depression. EPJ Data Science, 6(1), 15. DOI: 10.1140/epjds/s13688-017-0110-z

Thank you!