Presented by: Alison Darcy, President and Founder, Woebot Health

## National Academies Al and Neuroscience Workshop

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### Disclosures

Alison Darcy is an employee of Woebot Health and owns stock options in the company

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- R44DA048712: RCT of Woebot for Substance Use Disorders [2019–2024]
- R44DA048712-01S1: Covid Supplement [2020]

#### MAY A.I. HELP YOU?

#### → INTELLIGENT CHATBOTS COULD AUTOMATE AWAY NEARLY ALL OF OUR COMMERCIAL INTERACTIONS — FOR BETTER OR FOR WORSE.

"The rise of conversational agents is the next great shift in computer interfaces — one arguably as significant as the "pointand-click" interface that emerged in the '80s... "



#### → BY CLIVE THOMPSON

## (Some) chatbots create human -level bond



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# The role of the therapist depends on approach & mechanism

In Cognitive Behavior Therapy, the therapeutic relationship is characterized by "collaborative empiricism"



### Meaningful clinical outcomes in clinical studies



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#### Conversational AI unlocks therapeutic benefit



Wampold <u>study</u> outlines three pathways to therapeutic benefits:

- 1. The real relationship
- 2. Expectations
- 3. Enactment of health-promoting actions

## Thank you

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For more information please visit woebothealth.com

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