Opportunities & Responsibilities Big Models A foundation model is any model that is trained on board data at scale and can be adapted (e.g. fine-tuned) to a wide range of downstream tasks; current examples include BERT (2019), GPT-3 (2020), and CLIP (2021) input: arbitrary inputs butput: generate unpredictable (frequently, useful) outputs V Capabilities

Issuez funhouse mirror Marnful biases Inappropriate Vesponses Jangerous responses V potential for misuse and abuse V difficult to interpret v capability energence via Scale-up development - resetul traits energe during training and need to be discovered post-training. 28 May, 2020 GPT-3 Open AI 26 April, 2021 Pan Gru Huawei 11 August Doy Jurassic-1-Tumb. AI 21 Laby

notable to people in the field > scononically useful and subsequently integrated Into business Expansive - Babysitting Leverage: information is power Reduce asymmetries Power information

Threshold Effect
Threshold / Cailing Diagram
difficulty of use
v Massive incress in adoption of medium
V wide proliferation of use cases
cases
design
evaluate implement
Coiling: Sophistication of What can be created

