CS-234
Technologies for
Democratic society

Fall 2024

Week 4

Scholarly peer-reviewed gublication stanting in 1665 - Royal Society Live loged esp. 18th-19th hoearily analyze content of research Paspose: before publication - identity potential errors

Filtering bad/wring results

- apply scientific method

best pradices of research area - feedback - constructive critique, potential imprements

Peer review tools Most scientific disciplines -journal-ordented - long review excles Computer Science
conference - oriented for rapid turnaround

(first: conf pub, then maybe journal) workshops: even shorter cycles Preprints (open acess) arxivorg... lightweight non-peer revened, timestamped, archived, available

Blinding non-blind; authors I reviews see each others' identie Single-blindi reviers see author identities anthors don't see reviewer identities Jouble -blind; anthors & reviers anonymous to each other conflicts of interest, misconduct judge paper on its merits, non-discrimination

Manipulation of influence metrics/processes itation manipulation

- # of citations

- # of publications

- h-index Scientific - metrics: maripulations -coercive $\int_{}^{} \frac{1}{2}$ 7 paper 2 Citation - Citation rings - honorant authorohip 5 paper 1 2 paper 3 1 paper 1 37

Search engine manipulation - use botnets to generate traffic ("activity") -want many links to our site From Blog sites, social media... - want "high-influence" links - hidden search-engine-specific content keywords users Kerwords

Kerwords

Weers

They was been doorned to be there

Create many fake redired the page O

pages linking to each other or sadual page O