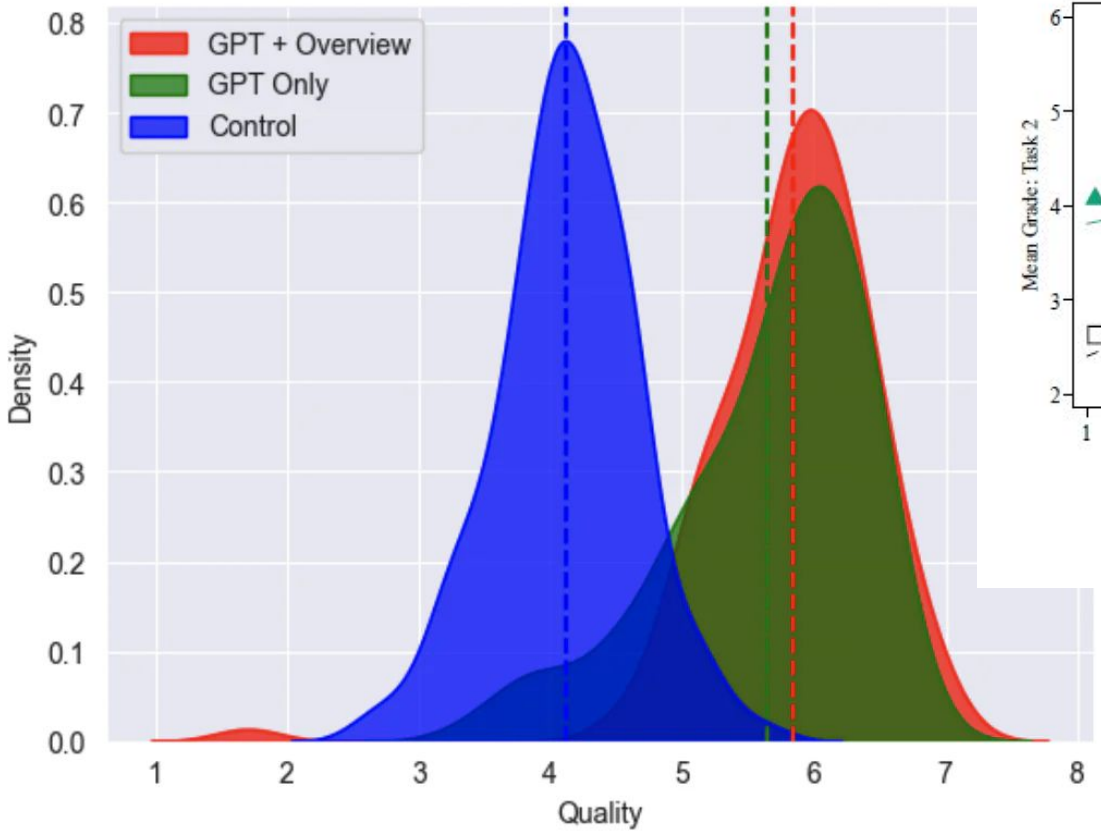
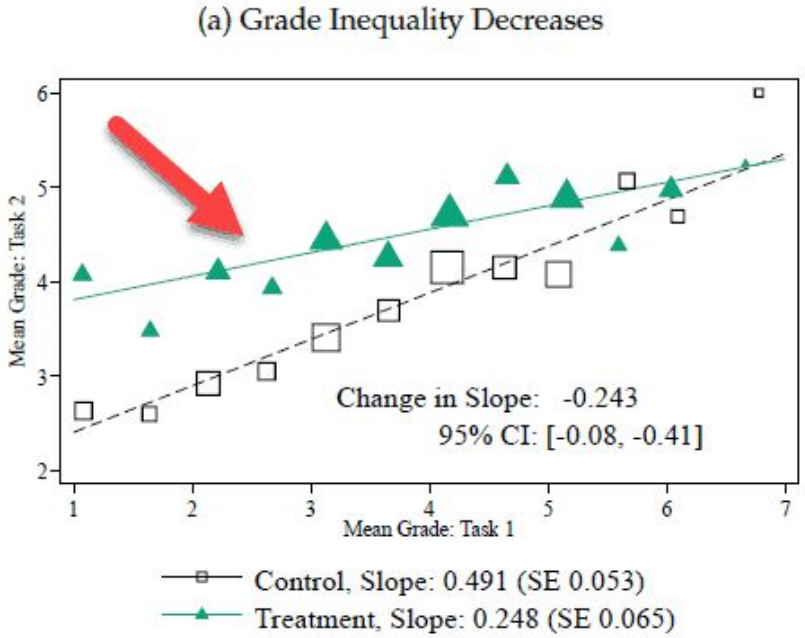
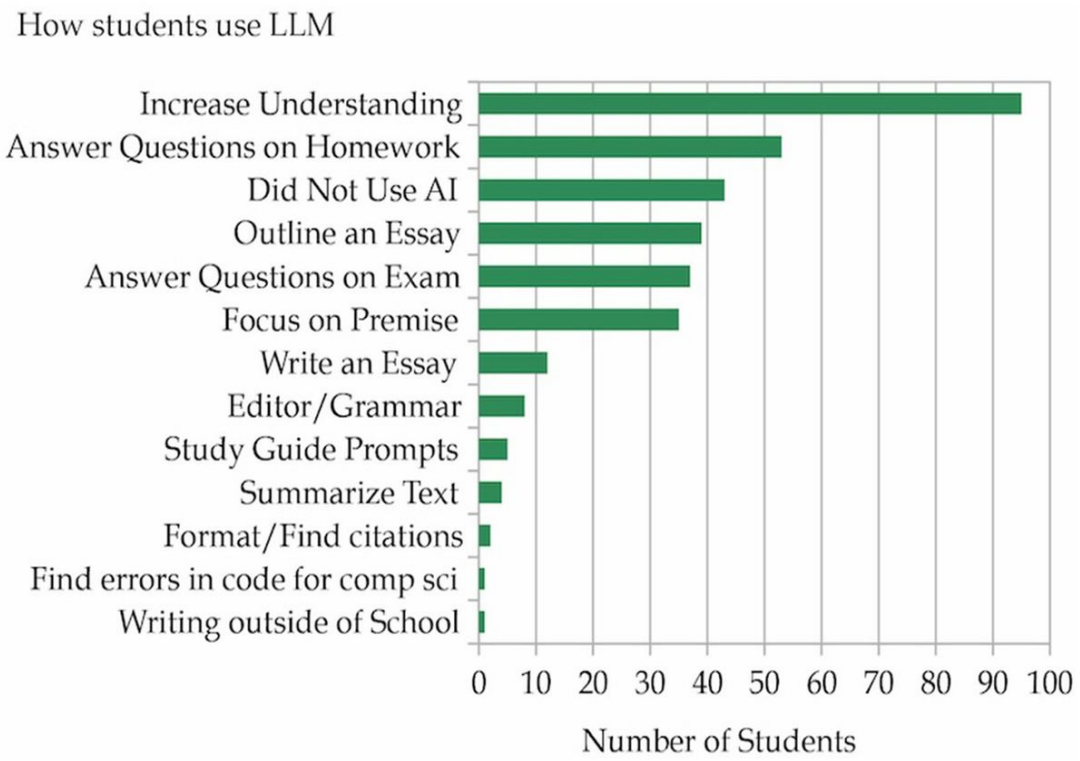
Figure 2: **Performance Distribution - Inside the Frontier**



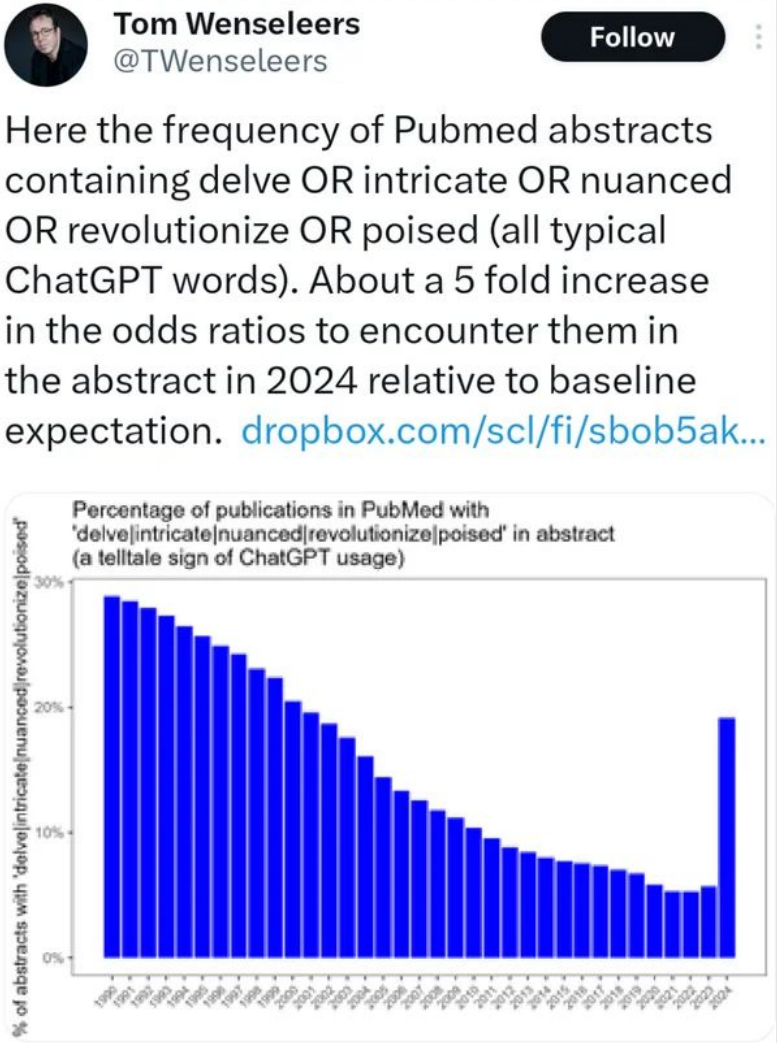


https://economics.mit.edu/sites/default/files/inline-files/Noy_Zhang_1.pdf

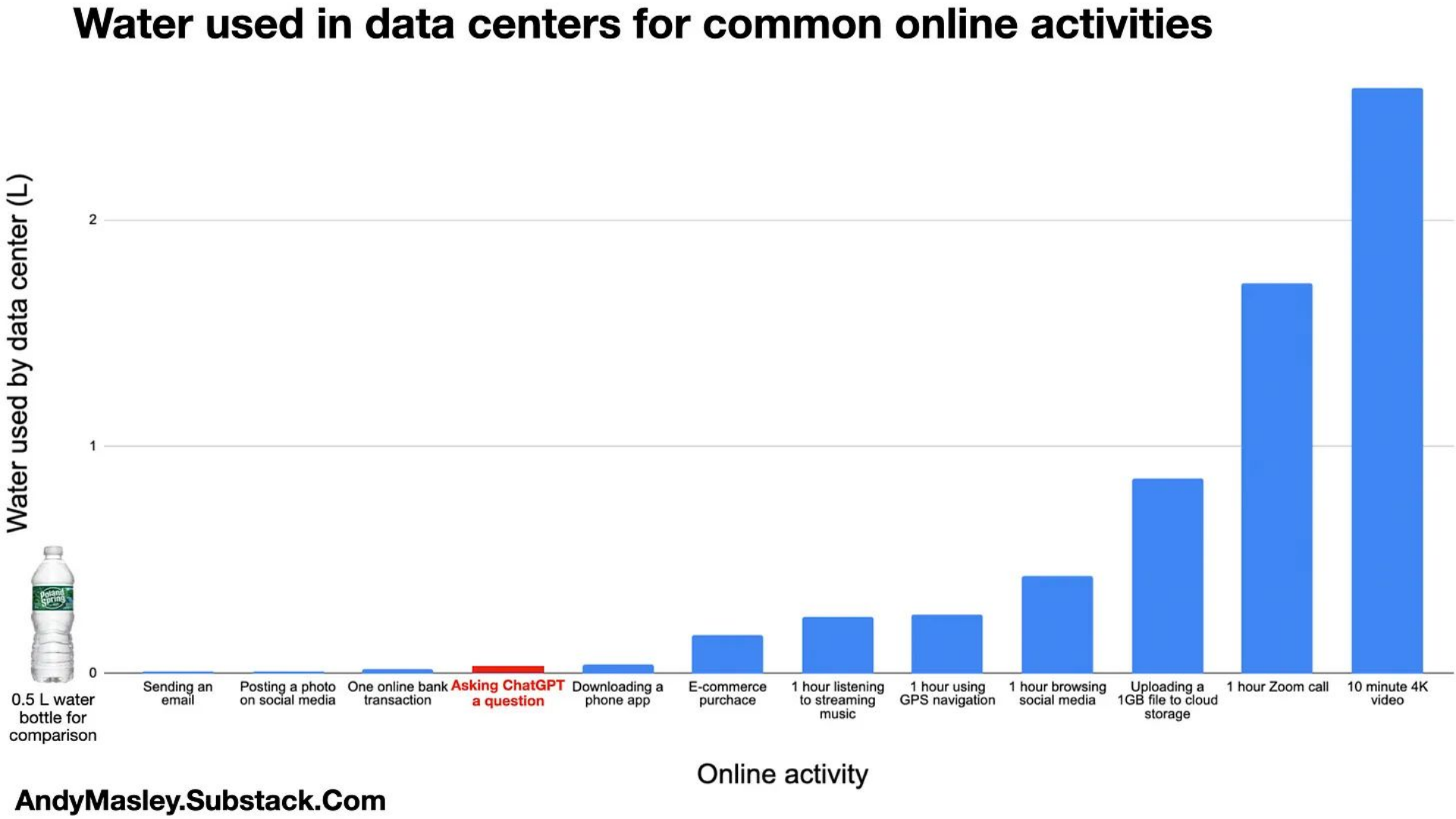
Notes: This figure displays the full distribution of performance in the experimental task inside the frontier for subjects in the three experimental groups (red for subjects in the GPT+Overview condition; green for subjects in the GPT Only condition; blue for subjects in the control condition).



https://www.frontiersin.org/journals/education/articles/10.3389/feduc.2024.1374889/full



Water used in data centers for common online activities



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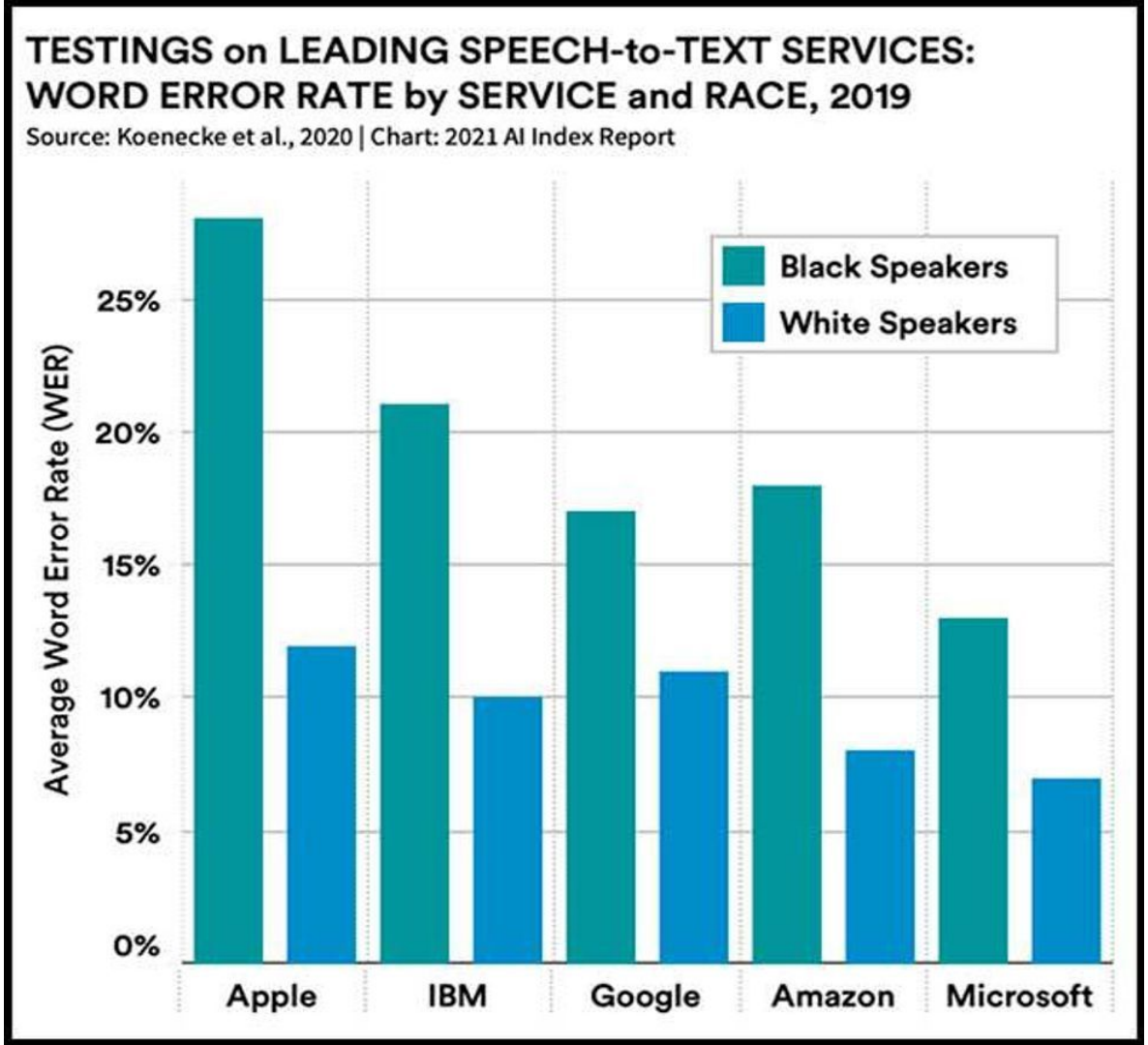
TESTINGS on LEADING SPEECH-to-TEXT SERVICES:
WORD ERROR RATE by SERVICE and RACE, 2019
Source: Koenecke et al., 2020 | Chart: 2021 AI Index Report
Black Speakers
White Speakers
Average Word Error Rate (WER)
25%
20%
15%
10%
5%
0%
Apple
IBM
Google
Amazon
Microsoft

	USA ($n = 822$)		Germany ($n = 875$)		China ($n = 912$)	
	n	**%**	**n**	**%**	**n**	**%**
Gender						
Female	449	54.62%	447	51.09%	433	47.48%
Male	373	45.38%	428	48.91%	478	52.52%
Age						
18-34	175	21.29%	185	21.19%	379	41.60%
35-49	251	30.54%	218	24.97%	253	27.77%
50-64	182	22.14%	241	27.61%	256	28.10%
65+	214	26.03%	229	26.23%	23	2.52%
Education						
Low	27	3.28%	119	13.60%	36	3.95%
Medium	349	42.46%	479	54.74%	268	29.39%
High	446	54.26%	277	31.66%	608	66.67%
	mean	**std**	**mean**	**std**	**mean**	**std**
Ratings (Human)						
Audio	1.60	1.74	0.99	1.87	0.33	1.04
Image	1.65	1.72	0.97	1.84	0.42	0.83
Text	1.70	1.68	0.89	1.88	0.73	0.59
Ratings (Machine)						
Audio	1.81	1.75	0.92	1.97	0.17	0.29
Image	1.50	1.65	1.10	1.81	0.43	1.09
Text	1.77	1.75	0.76	1.89	0.49	0.27
Accuracy						
Audio	50.57%	10.38%	59.15%	13.98%	51.73%	11.65%
Image	48.58%	10.62%	45.90%	11.80%	49.93%	10.47%
Text	51.50%	9.40%	54.48%	10.30%	52.45%	10.22%
Predictors						
CRT	0.49	0.83	1.04	1.04	1.49	1.10
FAM	1.04	1.32	1.00	1.21	1.38	1.16
PO	1.30	1.03	1.20	1.04	1.12	0.86
AHS	4.73	0.56	4.97	0.62	4.89	0.49
GTS	3.44	0.74	3.42	0.66	3.81	0.65
NMLS CC	3.61	0.58	3.65	0.57	3.83	0.49
NMLS CP	2.69	1.06	2.17	0.96	3.57	0.70
NMLS FC	3.69	0.63	3.74	0.56	3.84	0.52
NMLS FP	3.01	1.04	2.72	0.91	3.80	0.60

https://metaailabs.com/humans-can-barely-distinguish-ai-generated-content-from-human-created-content/#summary

https://www.pnas.org/doi/10.1073/pnas.2120481119