

Beam, M. A. (forthcoming). Automating the news: How personalized news system design choices impact news reception. *Communication Research*. doi: [10.1177/0093650213497979](https://doi.org/10.1177/0093650213497979).

Appendix 2.
Descriptive Statistics.

Table 1.

Algorithmic ideological categorization by condition

Condition	Conservative	Liberal	Moderate	<i>N</i>
Generic Portal	28	58	15	101
Computer-Generated Recommendations / All Stories	35	47	14	96
Customized Recommendations / All Stories	28	46	16	90
Computer-Generated Recommendations / Recommended Stories Only	45	51	7	103
Customized Recommendations / Recommended Stories Only	33	55	12	100
Total	169	257	64	490

Table 2.

Source Headline Displays By Condition

Condition	Enquirer	Plain Dealer	Fox News	MSNBC	Red State	Daily Kos	<i>N</i>
Generic Portal	101	101	101	101	101	101	101
Computer-generated Recommendations / All Stories	96	96	96	96	96	96	96
Customized Recommendations / All Stories	90	90	90	90	90	90	90
Computer-generated Recommendations / Recommended Stories Only	51	63	47	53	29	43	103
Customized Recommendations / Recommended Stories Only	40	46	65	56	10	10	100
Total	378	396	399	396	326	340	490

Table 3.

Average Pro- or Counter-Attitudinal Display By Condition for Partisan Readers

Condition	Pro-attitudinal Headlines	Pro-attitudinal Story Views	Counter-attitudinal Headlines	Counter-attitudinal Story Views	<i>N</i>
Generic Portal	3 (0)	2.30 (.78)	3 (0)	1.99 (1.06)	86
Computer-generated Recommendations / All Stories	3 (0)	2.33 (.88)	3 (0)	1.62 (1.17)	82
Customized Recommendations/ All Stories	3 (0)	1.69 (.86)	3 (0)	1.55 (.92)	74
Computer-generated Recommendations / Recommended Stories Only	2.59 (.49)	2.44 (.61)	0 (0)	0 (0)	96
Customized Recommendations / Recommended Stories Only	1.45 (.73)	1.42 (.74)	.82 (.69)	.76 (.69)	88
Total					426