

Data Collected in the Concluding Study

In the following, the raw ratings provided by participants in the concluding study are given. For every source article, the answers to the two stimuli and all articles are given. Participants are consistently identified by p_i . The article identifiers correspond to the *GUID* field provided with the New York Times corpus.

Article 1: Bush 'Satisfied' With Cheney's Response (1740317)

Recommendations	
Algorithm	Recommended Articles
$rank_{cosine}$	1740153, 1739681, 1740508, 1739917, 1739511
$rank_{unexp}$	1739917, 1740078, 1740921, 1712334, 1665225
$rank_{diversity}$	1739917, 1740078, 1852485, 1759592, 1749205
$rank_{dissimilarity}$	1714869, 1760202, 1846298, 1689531, 1779817

Stimulus **S1**

article	p_2	p_3	p_5	p_6	p_9	p_{10}	p_{11}	p_{16}	p_{18}	p_{20}	p_{21}	p_{24}	p_{27}
1665225	2	3	3	1	2	1	3	2	1	2	2	2	2
1689531	2	3	2	2	1	2	5	1	1	4	2	2	3
1712334	2	3	3	2	4	2	5	2	1	4	4	2	3
1714869	2	4	2	1	2	2	1	1	1	4	3	2	2
1739511	5	3	5	4	5	5	5	5	5	5	2	4	4
1739681	5	2	5	4	5	5	5	5	5	5	1	5	4
1739917	5	4	5	5	5	5	5	5	5	5	1	5	4
1740078	5	2	5	4	5	5	5	5	5	5	5	5	4
1740153	5	4	5	4	5	5	5	5	5	5	2	5	3
1740508	5	3	5	5	5	5	5	5	5	5	1	5	3
1740921	3	3	4	2	4	3	1	5	4	3	1	4	2
1749205	3	1	1	2	2	2	1	2	1	3	2	2	3
1759592	1	5	3	1	2	2	1	2	1	5	2	2	3
1760202	2	3	2	1	2	2	2	2	1	4	1	2	2
1779817	1	1	2	1	1	1	1	1	1	4	2	1	1
1846298	2	3	1	2	2	2	2	2	1	5	1	1	3
1852485	1	3	1	1	1	2	1	1	1	3	2	1	1

Stimulus **S2**

article	p_2	p_3	p_5	p_6	p_9	p_{10}	p_{11}	p_{16}	p_{18}	p_{20}	p_{21}	p_{24}	p_{27}
1665225	4	4	2	5	5	2	5	5	4	3	5	3	3
1689531	3	3	2	3	2	1	5	4	2	5	5	2	3
1712334	2	1	2	2	2	2	1	3	1	3	2	1	3
1714869	1	2	3	1	1	2	3	3	1	3	4	1	4
1739511	3	2	3	3	2	5	5	3	5	5	5	3	2
1739681	4	1	5	3	2	5	1	3	1	5	5	4	2
1739917	4	3	4	2	3	5	4	3	3	5	5	4	2
1740078	3	1	2	1	1	5	3	4	2	4	2	4	3
1740153	4	3	4	3	2	5	4	4	4	4	4	5	4
1740508	3	2	4	2	2	4	2	3	1	4	5	4	4
1740921	4	4	1	1	4	2	3	3	5	5	5	4	4
1749205	4	1	1	1	4	2	4	5	4	3	5	2	4
1759592	2	4	2	1	1	3	1	2	1	5	1	1	4
1760202	2	3	4	3	1	3	3	3	1	4	3	2	4
1779817	3	1	4	1	4	1	1	1	2	3	4	1	2
1846298	2	2	4	2	1	2	1	3	1	3	1	2	4
1852485	2	4	2	3	2	1	4	2	1	3	2	1	2

Article 2: Barbarians At the Tailgate? Students Accept Drinking Rules, But the Alumni Strike Back (1718742)

Recommendations

Algorithm	Recommended Articles
$rank_{cosine}$	1706621, 1713620, 1719648, 1808019, 1791570
$rank_{serendipity}$	1791570, 1759139, 1844817, 1774033, 1773710
$rank_{diversity}$	1791570, 1808019, 1719648, 1807542, 1663978
$rank_{topic}$	1773710, 1844817, 1653069, 1827154, 1712429

Stimulus **S1**

article	p_9	p_{10}	p_{13}	p_{18}	p_{19}	p_{20}	p_{24}	p_{26}
1653069	3	1	3	1	1	3	1	1
1663978	1	1	3	2	2	3	2	1
1706621	3	3	5	4	4	5	4	5
1712429	2	1	1	2	1	4	3	1
1713620	4	3	3	1	3	4	1	2
1719648	5	4	4	5	4	5	5	1
1759139	2	2	2	1	1	5	2	1
1773710	1	3	2	1	1	4	2	1
1774033	2	2	2	1	1	3	2	1
1791570	2	1	2	1	3	3	3	1
1807542	2	2	4	3	2	3	3	1
1808019	4	3	1	1	4	4	5	2
1827154	2	3	2	2	1	3	1	1
1844817	3	1	4	1	1	3	2	1

Stimulus **S2**

article	p_9	p_{10}	p_{13}	p_{18}	p_{19}	p_{20}	p_{24}	p_{26}
1653069	1	1	3	1	1	4	1	1
1663978	1	2	2	1	2	4	1	1
1706621	4	5	3	4	2	5	4	4
1712429	3	1	1	1	2	3	3	1
1713620	2	2	4	4	2	5	2	3
1719648	4	4	2	1	4	5	4	1
1759139	3	1	4	5	4	5	3	4
1773710	2	3	4	3	1	5	2	3
1774033	3	3	2	5	4	5	3	4
1791570	2	1	2	1	2	3	2	1
1807542	1	3	3	1	3	3	2	1
1808019	4	3	1	1	2	5	3	1
1827154	1	3	5	5	2	3	2	2
1844817	1	1	5	1	1	4	2	2

Article 3: Rapid Rise: Google Passes \$400 a Share (1718502)

Recommendations	
Algorithm	Recommended Articles
<i>rank_{cosine}</i>	1736358, 1683614, 1806694, 1689136, 1731823
<i>rank_{serendipity}</i>	1736358, 1823309, 1790778, 1734614, 1812760
<i>rank_{diversity}</i>	1827144, 1797790, 1699004, 1751542, 1730571
<i>rank_{topic}</i>	1652957, 1683098, 1852764, 1800730, 1720633

Stimulus **S1**

article	p_4	p_6	p_9	p_{10}	p_{15}	p_{17}	p_{18}	p_{20}	p_{22}
1652957	2	3	3	2	2	4	4	3	4
1683098	3	2	3	2	2	4	1	3	4
1683614	5	5	5	4	5	5	5	5	5
1689136	5	5	4	4	5	5	5	5	5
1699004	3	4	1	2	1	1	1	3	3
1720633	3	1	3	2	2	4	1	3	4
1730571	2	1	1	2	1	2	2	3	4
1731823	3	4	4	5	4	4	5	5	2
1734614	3	2	2	3	4	5	1	5	2
1736358	3	4	5	4	4	5	5	5	4
1751542	3	2	1	2	3	4	2	4	4
1790778	2	2	2	2	3	5	2	5	3
1797790	3	3	3	3	4	5	2	3	3
1800730	4	3	3	2	3	3	1	4	4
1806694	5	5	5	5	5	4	5	4	2
1812760	3	2	2	3	4	5	2	4	2
1823309	2	1	2	3	2	3	3	3	1
1827144	3	3	1	2	1	4	1	3	3
1852764	3	2	2	2	3	3	1	4	5

Stimulus **S2**

article	p_4	p_6	p_9	p_{10}	p_{15}	p_{17}	p_{18}	p_{20}	p_{22}
1652957	2	2	2	1	1	3	1	4	1
1683098	3	1	2	1	1	2	1	3	2
1683614	5	3	4	3	3	2	5	4	1
1689136	4	3	2	4	4	3	4	3	3
1699004	5	3	1	1	5	1	1	3	1
1720633	3	1	2	1	1	2	1	3	2
1730571	3	1	3	3	3	1	2	2	3
1731823	2	2	3	4	4	3	2	5	3
1734614	3	1	2	4	4	4	5	5	4
1736358	4	3	5	5	4	2	3	5	2
1751542	2	3	2	1	2	1	1	5	1
1790778	4	1	3	3	4	4	5	5	3
1797790	4	4	4	3	3	5	4	5	4
1800730	4	1	3	2	2	1	1	5	1
1806694	3	4	3	4	5	3	5	4	4
1812760	4	2	4	5	4	4	5	5	5
1823309	3	3	3	3	5	2	2	4	1
1827144	3	2	1	2	3	4	3	5	1
1852764	3	2	3	1	2	1	1	4	1

Article 4: Is This the Answer to Drug Use? (1835491)

Recommendations

Algorithm	Recommended Articles
$rank_{cosine}$	1851770, 1846316, 1837224, 1834523, 1654178
$rank_{serendipity}$	1837224, 1651457, 1790609, 1759963, 1667112
$rank_{diversity}$	1837224, 1846316, 1651457, 1823939, 1676797
$rank_{topic}$	1846316, 1651457, 1853518, 1644686, 1643899

Stimulus **S1**

article	p_1	p_2	p_7	p_8	p_9	p_{10}	p_{14}	p_{16}	p_{18}	p_{23}	p_{25}
1643899	4	1	1	1	1	2	3	1	1	1	1
1644686	5	2	1	5	2	3	4	2	1	3	3
1651457	3	2	2	5	2	3	2	1	1	3	2
1654178	5	5	3	5	5	4	5	5	5	5	5
1667112	3	2	1	1	2	1	3	1	1	1	1
1676797	4	2	1	2	2	1	2	1	1	1	1
1759963	4	2	1	1	2	2	3	2	1	1	1
1790609	5	3	2	1	2	3	4	3	1	1	4
1823939	1	5	5	5	5	5	5	5	5	5	4
1834523	3	5	4	5	4	5	4	5	4	4	4
1837224	3	5	5	4	5	4	5	5	5	5	5
1846316	4	5	5	4	5	5	5	4	5	5	5
1851770	3	5	4	5	5	4	5	4	4	5	5
1853518	5	4	3	4	3	2	3	2	1	2	3

Stimulus **S2**

article	p_1	p_2	p_7	p_8	p_9	p_{10}	p_{14}	p_{16}	p_{18}	p_{23}	p_{25}
1643899	5	2	1	5	1	3	4	2	2	3	3
1644686	5	3	1	5	3	3	3	3	4	4	4
1651457	1	3	3	5	3	2	3	3	1	1	1
1654178	5	5	2	5	3	5	4	3	1	5	4
1667112	4	2	2	3	3	1	3	2	1	1	1
1676797	5	4	4	4	1	1	4	2	4	4	1
1759963	4	2	3	1	1	2	3	5	1	2	2
1790609	5	4	1	2	2	4	2	3	2	1	3
1823939	1	5	4	5	5	5	3	4	5	5	4
1834523	3	5	3	5	5	5	5	4	4	3	3
1837224	2	5	2	5	4	4	4	3	1	5	4
1846316	3	5	4	5	5	5	3	4	4	4	3
1851770	3	4	4	5	4	4	4	3	1	5	5
1853518	5	4	3	5	5	2	5	3	1	5	3

Article 5: U.S. Officials Are Haunted by Initial Plan for Nationwide Candidate Lists for Iraqi Election (1640754)

Recommendations	
Algorithm	Recommended Articles
$rank_{cosine}$	1742423, 1746538, 1731012, 1734177, 1731346
$rank_{serendipity}$	1731346, 1772765, 1786395, 1711966, 1646213
$rank_{diversity}$	1853812, 1696613, 1699542, 1642573, 1725532
$rank_{topic}$	1731012, 1734177, 1786395, 1802686, 1732604

Stimulus S1				
article	p_9	p_{10}	p_{12}	p_{26}
1642573	5	4	5	5
1646213	4	3	5	5
1696613	4	4	5	3
1699542	4	4	5	4
1711966	1	1	2	1
1725532	5	3	5	5
1731012	2	4	3	2
1731346	2	4	4	2
1732604	3	2	4	2
1734177	2	4	4	2
1742423	2	4	4	3
1746538	3	3	4	3
1772765	3	2	3	2
1786395	1	1	2	1
1802686	1	1	2	2
1853812	3	3	4	2

Stimulus **S2**

article	p_9	p_{10}	p_{12}	p_{26}
1642573	5	3	4	5
1646213	5	4	3	4
1696613	5	4	3	4
1699542	5	4	5	4
1711966	1	1	3	1
1725532	4	4	4	4
1731012	1	5	5	4
1731346	1	4	5	3
1732604	1	2	4	2
1734177	2	4	5	4
1742423	2	5	5	2
1746538	3	4	5	4
1772765	4	1	5	3
1786395	1	2	2	1
1802686	1	1	2	3
1853812	4	4	5	3

Article 6: Knicks Stand and Gape as James Delivers (1640771)

Recommendations

Algorithm	Recommended Articles
<i>rank_{cosine}</i>	1652851, 1831266, 1643775, 1639479, 1641436
<i>rank_{serendipity}</i>	1854442, 1801221, 1791448, 1837331, 1812875
<i>rank_{diversity}</i>	1854442, 1837331, 1812875, 1742092, 1716521
<i>rank_{topic}</i>	1791448, 1716521, 1852546, 1770195, 1663296

Stimulus **S1**

article	p_{10}	p_{15}	p_{16}	p_{18}
1639479	4	5	3	3
1641436	4	5	2	5
1643775	3	5	2	5
1652851	4	5	3	5
1663296	3	5	3	5
1716521	1	2	1	1
1742092	2	5	1	3
1770195	3	3	1	5
1791448	3	2	2	1
1801221	3	5	2	5
1812875	4	5	2	4
1831266	3	5	2	5
1837331	2	2	2	4
1852546	3	4	2	2
1854442	4	4	2	4

Stimulus **S2**

article	p_{10}	p_{15}	p_{16}	p_{18}
1639479	3	4	3	1
1641436	4	3	3	1
1643775	4	4	3	1
1652851	4	2	3	1
1663296	4	4	3	1
1716521	1	2	3	4
1742092	3	5	3	1
1770195	4	3	2	3
1791448	4	3	4	2
1801221	4	4	3	3
1812875	3	1	4	1
1831266	3	4	3	1
1837331	3	4	4	5
1852546	4	2	3	1
1854442	3	3	5	2