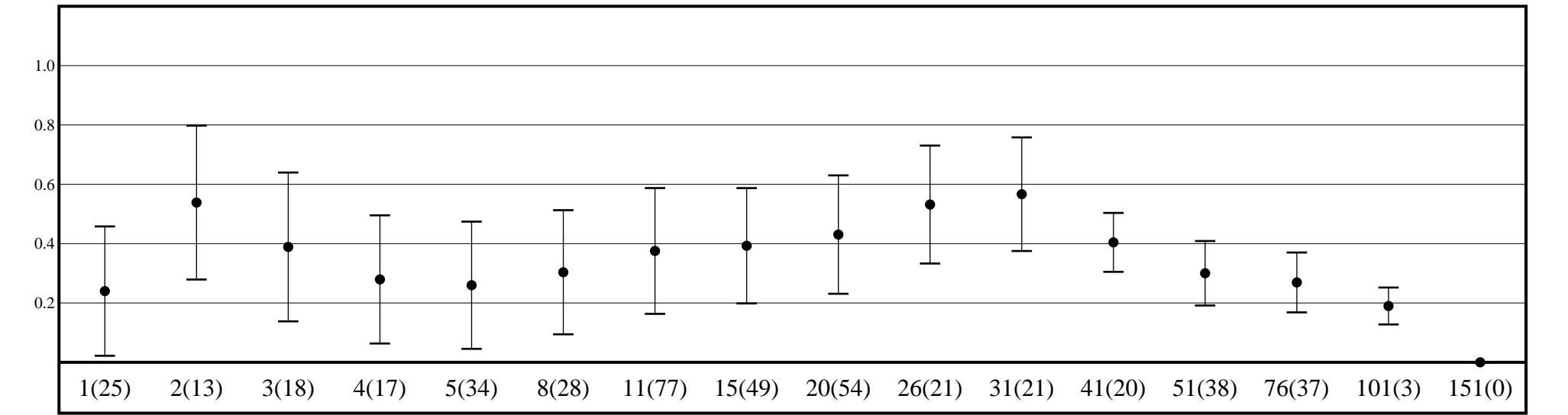


# Test Results Categorized by Training Count

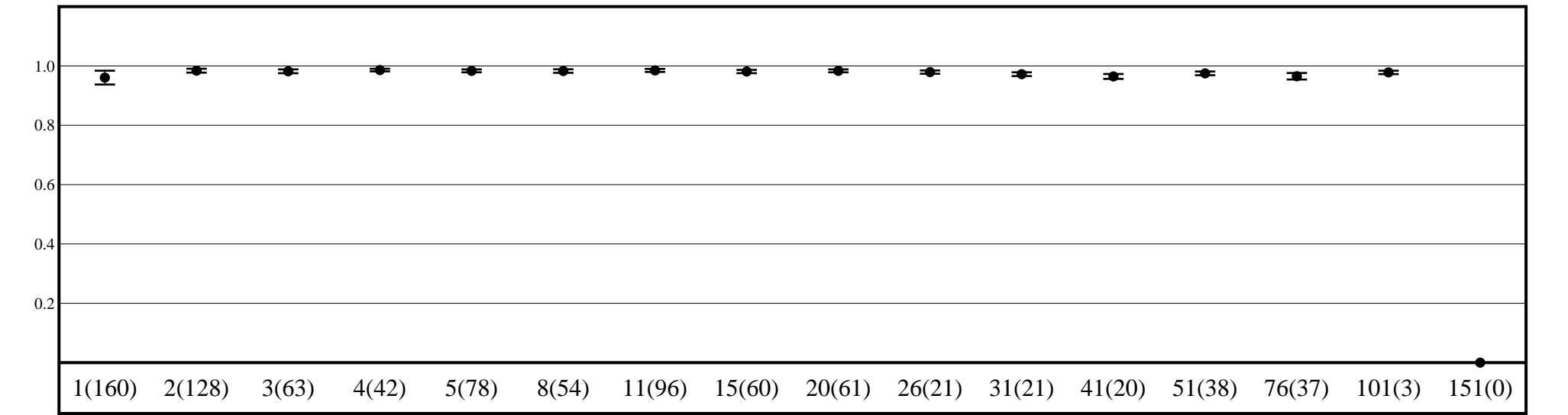
29238380: Set3 100% (UWS=0.45, bias=1.1)

These graphs display the cross validation test results for a classifier arranged by the number of items a classifier was trained on for a given tag. The X axis displays the number of training items, where there is a gap, the label defines the lower bound of a range that extends to the next label. The number in brackets is the number of tags that fall into that 'bin'. The Y Axis is the mean true positive or true negative rate for the classifiers that fall in the 'bin'. Standard Deviation is shown as error bars on the chart.

## True Positive Results



## True Negative Results



Tags in bins

Bin	Tags
1..1	craig-privacy, craig-automotive, craig-weather, craig-multitasking, craig-contest, craig-Marketing, craig-free, craig-disease, craig-camera, craig-wood, craig-dinosaur, craig-vets, craig-nuclear weapons, craig-nature, craig-future, craig-painting, craig-Molly Ivins, craig-architecture, craig-wiki, craig-tagging, craig-book, craig-security, craig-interview, craig-aviation, craig-lens, craig-inkjet, craig-food, craig-sports, craig-gadgets,
2..2	craig-privacy, craig-automotive, craig-UK, craig-radio, craig-fiction, craig-contest, craig-Africa, craig-disease, craig-wildlife, craig-Al Franken, craig-future, craig-Molly Ivins, craig-architecture, craig-wiki, craig-book, craig-security, craig-odd, craig-aviation, craig-inkjet, craig-food, craig-gadgets,
3..3	craig-UK, craig-satire, craig-fiction, craig-contest, craig-TV, craig-environmental vehicle, craig-wildlife, craig-Al Franken, craig-future, craig-Molly Ivins, craig-branding, craig-mountain climbing, craig-quote,
4..4	craig-award, craig-satire, craig-TV, craig-iPhone, craig-environmental vehicle, craig-wildlife, craig-branding, craig-alternative fuels, craig-mountain climbing, craig-quote, craig-movie review, craig-green,
5..7	craig-award, craig-TV, craig-SHORT, craig-open source, craig-iPhone, craig-environmental vehicle, craig-wireless, craig-alternative fuels, craig-visualization, craig-regulation, craig-quote, craig-movie review, craig-humor, craig-green,
8..10	craig-education, craig-History, craig-transportation, craig-SHORT, craig-iPhone, craig-wireless, craig-economics, craig-visualization, craig-regulation, craig-international, craig-humor,
11..14	craig-education, craig-History, craig-evolution, craig-transportation, craig-health, craig-software, craig-search engines, craig-astronomy, craig-economics, craig-digital, craig-review, craig-oil, craig-international,
15..19	craig-web design, craig-music, craig-Iran, craig-military, craig-health, craig-search engines, craig-energy, craig-art, craig-digital, craig-oil, craig-democratic,
20..25	craig-photography, craig-music, craig-Iran, craig-military, craig-energy, craig-design, craig-art, craig-video, craig-computer technology, craig-democratic,
26..30	craig-global warming, craig-business, craig-video, craig-computer technology,
31..40	craig-Liberal, craig-global warming, craig-business, craig-Apple,

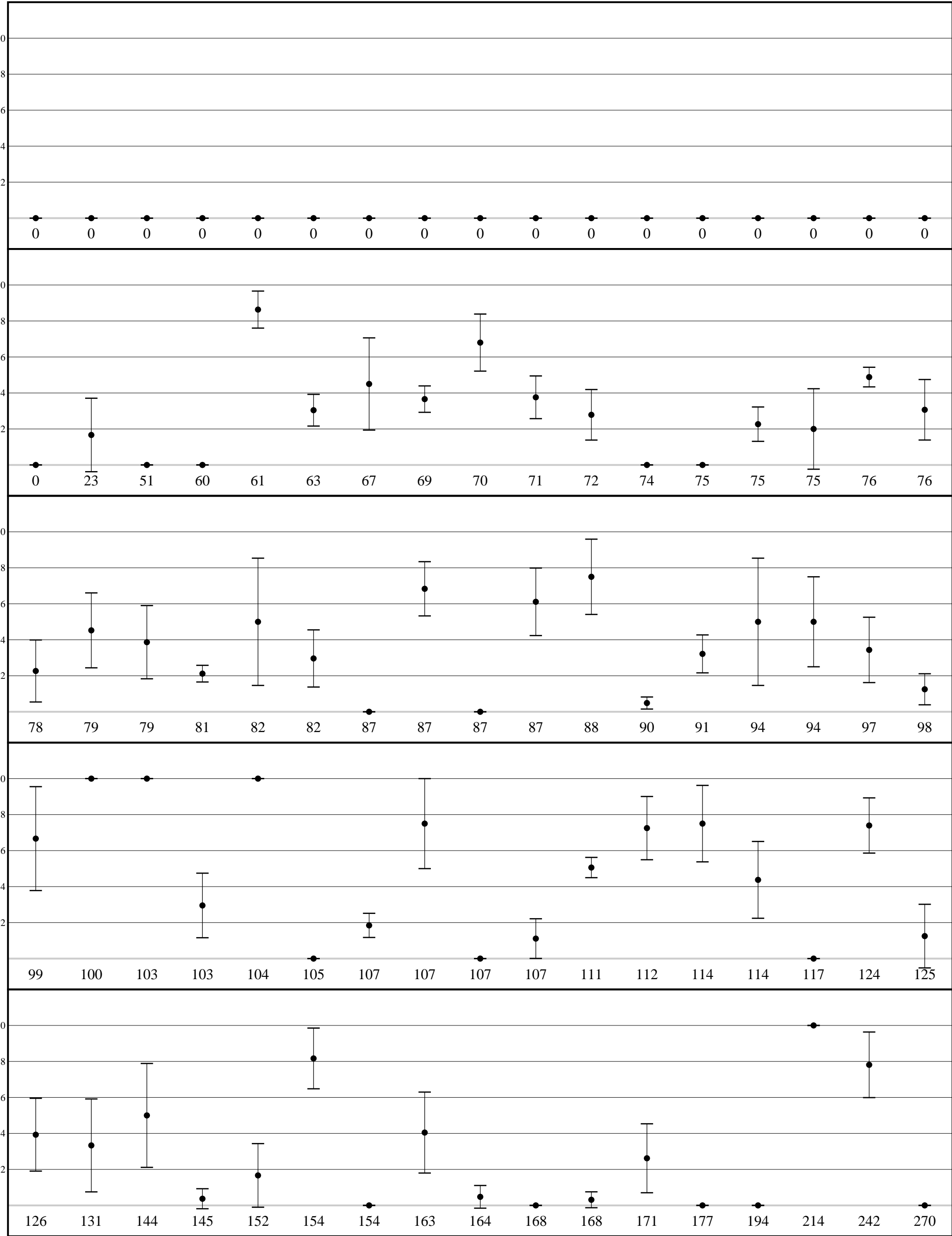
Bin	Tags
41..50	craig-Liberal, craig-Iraq, craig-Internet,
51..75	craig-news, craig-discussion, craig-science, craig-Internet,
76..100	craig-political, craig-technology, craig-commentary, craig-blog,
101..150	craig-commentary,
151..1000	

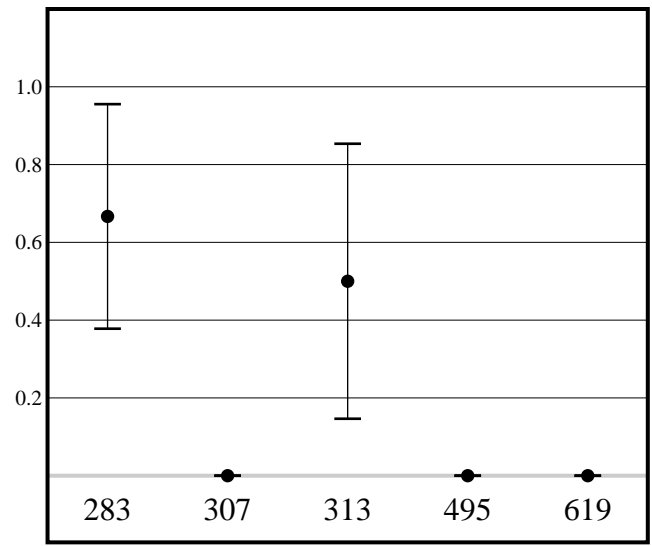
# Individual Tag Scores

Tag	Instances	Ave Item Size (Distinct Tokens)	Ave Distinct Tokens in Pool	TP	TN
craig-tagging	0	0	0	0.00 (0.00)	0.99 (0.00)
craig-odd	0	0	0	0.00 (0.00)	0.99 (0.01)
craig-lens	0	0	0	0.00 (0.00)	0.99 (0.01)
craig-nuclear weapons	0	0	0	0.00 (0.00)	0.97 (0.01)
craig-sports	0	0	0	0.00 (0.00)	0.99 (0.01)
craig-radio	0	0	0	0.00 (0.00)	0.97 (0.01)
craig-multitasking	0	0	0	0.00 (0.00)	0.98 (0.01)
craig-wood	0	0	0	0.00 (0.00)	0.89 (0.01)
craig-camera	0	0	0	0.00 (0.00)	0.98 (0.01)
craig-vets	0	0	0	0.00 (0.00)	0.96 (0.01)
craig-painting	0	0	0	0.00 (0.00)	0.98 (0.01)
craig-free	0	0	0	0.00 (0.00)	0.99 (0.01)
craig-interview	0	0	0	0.00 (0.00)	0.98 (0.01)
craig-nature	0	0	0	0.00 (0.00)	0.91 (0.02)
craig-Marketing	0	0	0	0.00 (0.00)	0.98 (0.01)
craig-dinosaur	0	0	0	0.00 (0.00)	0.82 (0.04)
craig-Africa	0	0	0	0.00 (0.00)	0.98 (0.01)
craig-weather	0	0	0	0.00 (0.00)	0.96 (0.01)
craig-wiki	2	94	94	0.50 (0.71)	0.99 (0.01)
craig-aviation	2	177	177	0.00 (0.00)	0.98 (0.01)
craig-architecture	2	60	60	0.00 (0.00)	0.95 (0.03)
craig-disease	2	270	270	0.00 (0.00)	0.99 (0.01)
craig-inkjet	2	82	82	0.50 (0.71)	0.99 (0.01)
craig-privacy	2	495	495	0.00 (0.00)	1.00 (0.00)
craig-automotive	2	214	214	1.00 (0.00)	0.99 (0.01)
craig-book	2	619	619	0.00 (0.00)	1.00 (0.01)
craig-gadgets	2	117	117	0.00 (0.00)	0.98 (0.01)
craig-food	2	313	313	0.50 (0.71)	0.99 (0.01)
craig-security	2	154	154	0.00 (0.00)	0.98 (0.02)
craig-fiction	3	283	566	0.67 (0.58)	0.99 (0.01)
craig-Al Franken	3	100	200	1.00 (0.00)	0.98 (0.01)
craig-future	3	307	585	0.00 (0.00)	0.97 (0.03)
craig-Molly Ivins	3	104	181	1.00 (0.00)	0.99 (0.01)
craig-contest	3	74	109	0.00 (0.00)	0.98 (0.01)
craig-UK	3	87	175	0.00 (0.00)	0.96 (0.01)
craig-mountain climbing	4	107	321	0.75 (0.50)	0.98 (0.01)
craig-satire	4	105	314	0.00 (0.00)	0.98 (0.01)
craig-branding	4	144	433	0.50 (0.58)	0.99 (0.01)
craig-wildlife	4	99	250	0.67 (0.58)	0.98 (0.01)
craig-award	5	168	671	0.00 (0.00)	0.99 (0.01)
craig-TV	5	194	648	0.00 (0.00)	0.97 (0.01)
craig-quote	5	75	285	0.00 (0.00)	0.98 (0.01)
craig-environmental vehicle	5	103	389	1.00 (0.00)	0.98 (0.01)
craig-alternative fuels	6	94	450	0.50 (0.50)	0.99 (0.01)
craig-movie review	6	87	393	0.00 (0.00)	0.98 (0.01)

Tag	Instances	Ave Item Size (Distinct Tokens)	Ave Distinct Tokens in Pool	TP	TN
craig-green	6	75	362	0.20 (0.45)	0.99 (0.01)
craig-open source	7	131	763	0.33 (0.52)	0.98 (0.01)
craig-visualization	8	51	330	0.00 (0.00)	0.98 (0.01)
craig-iPhone	8	67	417	0.45 (0.51)	0.98 (0.01)
craig-SHORT	9	23	178	0.17 (0.41)	0.97 (0.01)
craig-wireless	9	88	659	0.75 (0.42)	0.97 (0.01)
craig-humor	9	107	765	0.00 (0.00)	0.99 (0.00)
craig-regulation	10	171	1453	0.26 (0.38)	1.00 (0.00)
craig-transportation	11	87	805	0.61 (0.38)	0.98 (0.01)
craig-economics	12	125	1314	0.12 (0.35)	0.99 (0.01)
craig-evolution	13	114	1335	0.75 (0.42)	0.99 (0.01)
craig-History	13	152	1758	0.17 (0.35)	0.99 (0.00)
craig-education	13	164	1822	0.05 (0.13)	0.99 (0.01)
craig-review	14	145	1803	0.04 (0.11)	0.99 (0.01)
craig-astronomy	14	79	952	0.45 (0.42)	0.99 (0.00)
craig-international	14	163	1951	0.40 (0.45)	0.98 (0.01)
craig-software	14	114	1399	0.44 (0.43)	0.97 (0.01)
craig-oil	15	242	3184	0.78 (0.36)	0.98 (0.01)
craig-search engines	16	126	1722	0.39 (0.40)	0.98 (0.01)
craig-digital	16	103	1404	0.30 (0.36)	0.99 (0.01)
craig-health	17	107	1615	0.11 (0.22)	0.99 (0.00)
craig-web design	18	98	1554	0.12 (0.17)	0.97 (0.01)
craig-Iran	20	124	2188	0.74 (0.31)	0.98 (0.01)
craig-energy	21	154	2924	0.82 (0.34)	0.98 (0.01)
craig-military	21	168	3093	0.03 (0.09)	0.99 (0.01)
craig-democratic	22	112	2229	0.72 (0.35)	0.97 (0.01)
craig-art	23	82	1680	0.30 (0.32)	0.99 (0.01)
craig-music	24	97	2034	0.34 (0.36)	0.99 (0.01)
craig-photography	25	78	1755	0.23 (0.34)	0.99 (0.01)
craig-design	26	79	1847	0.39 (0.41)	0.99 (0.01)
craig-computer technology	28	70	1767	0.68 (0.32)	0.97 (0.00)
craig-video	30	76	2051	0.31 (0.34)	0.98 (0.01)
craig-global warming	32	87	2529	0.68 (0.30)	0.99 (0.01)
craig-business	36	75	2459	0.23 (0.19)	0.98 (0.01)
craig-Apple	39	61	2149	0.86 (0.21)	0.97 (0.01)
craig-Liberal	46	91	3803	0.32 (0.21)	0.96 (0.01)
craig-Iraq	51	111	5127	0.51 (0.11)	0.97 (0.02)
craig-Internet	57	71	3645	0.38 (0.24)	0.96 (0.01)
craig-news	65	69	4083	0.37 (0.15)	0.97 (0.01)
craig-discussion	66	107	6376	0.18 (0.13)	0.98 (0.01)
craig-science	67	72	4348	0.28 (0.28)	0.99 (0.01)
craig-blog	89	90	7281	0.05 (0.07)	0.99 (0.01)
craig-political	97	76	6656	0.49 (0.11)	0.95 (0.02)
craig-technology	98	63	5567	0.30 (0.18)	0.95 (0.02)
craig-commentary	111	81	8158	0.21 (0.09)	0.97 (0.01)
Average				0.345752210752211	0.97713042024483

True Positive Results by Average Distinct Tokens per Item





True Positive Results by Average Distinct Token Count in Pool

