

Topic	Degree Centrality: Rouge-1(threshold=0.1,0.2,0.3)	Degree Centrality: Rouge-2(threshold=0.1,0.2,0.3)	Degree Centrality: Rouge-l(threshold=0.1,0.2,0.3)	Textrank: Rouge-1(threshold=0.1,0.2,0.3)	Textrank: Rouge-2(threshold=0.1,0.2,0.3)	Textrank: Rouge-l(threshold=0.1,0.2,0.3)
Topic1	<u>For threshold 0.1</u> {'p': 0.207792207, 'r': 0.156097560, 'f': 0.178272975, 'f': 0.60229993}	<u>For threshold 0.1</u> {'p': 0.009049773, 'r': 0.007936507, 'f': 0.008456654, 'f': 0.640930122}	<u>For threshold 0.1</u> {'p': 0.19480519, 'r': 0.15151515, 'f': 0.15151515, 'f': 0.17045454, 'f': 0.05326706}	<u>For threshold 0.1</u> {'p': 0.141214592, 'r': 0.27433812, 'f': 0.107540996, 'f': 0.16823754, 'f': 0.0133798631, 'f': 0.09126967}	<u>For threshold 0.1</u> {'p': 0.018099547, 'r': 0.51131222, 'f': 0.017094017, 'f': 0.094017096, 'f': 0.017582412, 'f': 0.58650064}	<u>For threshold 0.1</u> {'p': 0.150214592, 'r': 0.27467812, 'f': 0.134099616, 'f': 0.85823754, 'f': 0.140798631, 'f': 0.09126967}
	<u>For threshold 0.2</u> {'p': 0.201298701, 'r': 0.153465346, 'f': 0.174157298, 'f': 0.46168426}	<u>For threshold 0.2</u> {'p': 0.009049773, 'r': 0.008032128, 'f': 0.514056224, 'f': 0.008510633, 'f': 0.315620844}	<u>For threshold 0.2</u> {'p': 0.01357466, 'r': 0.063348416, 'f': 0.01190476, 'f': 0.190476190, 'f': 0.01268498, 'f': 0.445065430, 'f': 0.5}	<u>For threshold 0.2</u> {'p': 0.136363636, 'r': 0.36363635, 'f': 0.134615384, 'f': 0.6153846, 'f': 0.135483865, 'f': 0.96795026}	<u>For threshold 0.2</u> {'p': 0.018099547, 'r': 0.51131222, 'f': 0.017167381, 'f': 0.974248927, 'f': 0.017621140, 'f': 0.377943934}	<u>For threshold 0.2</u> {'p': 0.167381974, 'r': 0.24892703, 'f': 0.148288973, 'f': 0.3840304, 'f': 0.156119961, 'f': 0.15236904}
	<u>For threshold 0.3</u> {'p': 0.194805194, 'r': 0.151515151, 'f': 0.51515152, 'f': 0.170454540, 'f': 0.5326706}	<u>For threshold 0.3</u> {'p': 0.133047210, 'r': 0.120155038, 'f': 0.75968993, 'f': 0.125623242, 'f': 0.76893663}	<u>For threshold 0.3</u> {'p': 0.14592274, 'r': 0.67811159, 'f': 0.13026819, 'f': 0.923371646, 'f': 0.13677581, 'f': 0.306007974}	<u>For threshold 0.3</u> {'p': 0.123376623, 'r': 0.37662338, 'f': 0.11875, 'f': 0.121019103, 'f': 0.28208061}	<u>For threshold 0.3</u> {'p': 0.018099547, 'r': 0.51131222, 'f': 0.016736401, 'f': 0.673640166, 'f': 0.017391299, 'f': 0.35548347}	<u>For threshold 0.3</u> {'p': 0.141630901, 'r': 0.28755365, 'f': 0.105431309, 'f': 0.90415335, 'f': 0.116003058, 'f': 0.06694103}

Topic2	<u>For threshold 0.1</u> {'p': 0.788135593 220339, 'r': 0.455882352 94117646, 'f': 0.577639746 9094557}	<u>For threshold 0.1</u> {'p': 0.679738562 0915033, 'r': 0.411067193 67588934, 'f': 0.512315266 2392925}	<u>For threshold 0.1</u> {'p': 0.78709677 41935484, 'r': 0.47470817 120622566, 'f': 0.53091021 03595229}	<u>For threshold 0.1</u> {'p': 0.135458545 45454545, 'r': 0.1256, 'f': 0.135074030 375465}	<u>For threshold 0.1</u> {'p': 0.044334975 36945813, 'r': 0.038297872 34042553, 'f': 0.041095885 43764786}	<u>For threshold 0.1</u> {'p': 0.145454545 45454545, 'r': 0.128, 'f': 0.135074030 3730252}
	<u>For threshold 0.2</u> {'p': 0.788135593 220339, 'r': 0.462686567 1641791, 'f': 0.583072095 6519689}	<u>For threshold 0.2</u> {'p': 0.679738562 0915033, 'r': 0.407843137 25490196, 'f': 0.509803916 8811275}	<u>For threshold 0.2</u> {'p': 0.78709677 41935484, 'r': 0.46923076 923076923, 'f': 0.52480354 93166038}	<u>For threshold 0.2</u> {'p': 0.194915254 23728814, 'r': 0.135294117 64705881, 'f': 0.159722217 3852239}	<u>For threshold 0.2</u> {'p': 0.045751633 9869281, 'r': 0.029411764 705882353, 'f': 0.035805621 834761}	<u>For threshold 0.2</u> {'p': 0.167741935 48387098, 'r': 0.104, 'f': 0.116267741 66454241}
	<u>For threshold 0.3</u> {'p': 0.779661016 9491526, 'r': 0.455445544 55445546, 'f': 0.574999995 3445314}	<u>For threshold 0.3</u> {'p': 0.679738562 0915033, 'r': 0.404669260 7003891, 'f': 0.507317068 4924451}	<u>For threshold 0.3</u> {'p': 0.78709677 41935484, 'r': 0.46564885 496183206, 'f': 0.52078975 32604974}	<u>For threshold 0.3</u> {'p': 0.186440677 9661017, 'r': 0.120879120 87912088, 'f': 0.146666661 89422237}	<u>For threshold 0.3</u> {'p': 0.039215686 2745098, 'r': 0.0234375, 'f': 0.029339848 61783541}	<u>For threshold 0.3</u> {'p': 0.148387096 77419354, 'r': 0.076411960 13289037, 'f': 0.085059430 6602515}
Topic3	<u>For threshold 0.1</u> {'p': 0.183673469 3877551, 'r': 0.137055837 56345177, 'f': }	<u>For threshold 0.1</u> {'p': 0.024630541 871921183, 'r': 0.020242914 979757085, 'f': }	<u>For threshold 0.1</u> {'p': 0.11363636 363636363, 'r': 0.09765625 }	<u>For threshold 0.1</u> {'p': 0.141545765 45454545, 'r': 0.113428, 'f': }	<u>For threshold 0.1</u> {'p': 0.044334975 36945813, 'r': 0.038297872 }	<u>For threshold 0.1</u> {'p': 0.145454545 45454545, 'r': 0.128, 'f': 0.135074030 }

	0.156976739 29167807}	'f': 0.022222217 270025796}	, 'f': 0.10386062 228245742}	0.150740303 7302652}	34042553, 'f': 0.041095885 43764786}	3730252}
	<u>For</u> <u>threshold 0.2</u> {'p': 0.221277701 2987013, 'r': 0.183465344 53485346, 'f': 0.194157498 46168423}	<u>For threshold</u> <u>0.2</u> {'p': 0.014298701 2987013, 'r': 0.015346534 653465346, 'f': 0.017415729 846168426}	<u>For</u> <u>threshold</u> <u>0.2</u> {'p': 0.20129870 12987013, 'r': 0.15346534 653465346, 'f': 0.17415729 846168426}	<u>For</u> <u>threshold 0.2</u> {'p': 0.197278911 56462585, 'r': 0.176829268 29268292, 'f': 0.186495171 8638146}	<u>For</u> <u>threshold 0.2</u> {'p': 0.068965517 24137931, 'r': 0.059071729 95780591, 'f': 0.063636358 6662194}	<u>For</u> <u>threshold 0.2</u> {'p': 0.168181818 18181818, 'r': 0.145669291 33858267, 'f': 0.154536049 92356218}
	<u>For</u> <u>threshold 0.3</u> {'p': 0.190476190 47619047, 'r': 0.142131979 69543148, 'f': 0.162790692 78005018}	<u>For threshold</u> <u>0.3</u> {'p': 0.024630541 871921183, 'r': 0.020161290 322580645, 'f': 0.022172944 051996914}	<u>For</u> <u>threshold</u> <u>0.3</u> {'p': 0.11363636 363636363, 'r': 0.09765625 , 'f': 0.10386062 228245742}	<u>For</u> <u>threshold 0.3</u> {'p': 0.176870748 29931973, 'r': 0.148571428 57142858, 'f': 0.161490678 267621}	<u>For</u> <u>threshold 0.3</u> {'p': 0.039408866 99507389, 'r': 0.032128514 0562249, 'f': 0.035398225 14028185}	<u>For</u> <u>threshold 0.3</u> {'p': 0.136363636 36363635, 'r': 0.110294117 64705882, 'f': 0.119315026 61124205}
Topic4	<u>For</u> <u>threshold 0.1</u> {'p': 0.241379310 3448276, 'r': 0.116666666 66666667, 'f': 0.157303366 3931323}	<u>For threshold</u> <u>0.1</u> {'p': 0.058823529 411764705, 'r': 0.028571428 57142857, 'f': 0.038461534 06065139}	<u>For</u> <u>threshold</u> <u>0.1</u> {'p': 0.176, 'r': 0.0859375, 'f': 0.09532885 706680409}	<u>For</u> <u>threshold 0.1</u> {'p': 0.184, 'r': 0.090196078 43137255, 'f': 0.100080930 15735342}	<u>For</u> <u>threshold 0.1</u> {'p': 0.042016806 72268908, 'r': 0.021186440 6779661, 'f': 0.028169009 62761428}	<u>For</u> <u>threshold 0.1</u> {'p': 0.206896551 72413793, 'r': 0.111111111 1111111, 'f': 0.144578308 7066339}

	<u>For threshold 0.2</u> {'p': 0.241379310 3448276, 'r': 0.12, 'f': 0.160305339 0755202}	<u>For threshold 0.2</u> {'p': 0.050420168 06722689, 'r': 0.025104602 51046025, 'f': 0.033519548 63440651}	<u>For threshold 0.2</u> {'p': 0.192, 'r': 0.09448818 897637795, 'f': 0.10487263 789928414}	<u>For threshold 0.2</u> {'p': 0.183908045 9770115, 'r': 0.098159509 20245399, 'f': 0.127999995 46208018}	<u>For threshold 0.2</u> {'p': 0.042016806 72268908, 'r': 0.021551724 137931036, 'f': 0.028490024 008247395}	<u>For threshold 0.2</u> - {'p': 0.2, 'r': 0.1, 'f': 0.11111111 11118518}
	<u>For threshold 0.3</u> {'p': 0.241379310 3448276, 'r': 0.112903225 80645161, 'f': 0.153846149 50368328}	<u>For threshold 0.3</u> {'p': 0.050420168 06722689, 'r': 0.024691358 024691357, 'f': 0.033149166 857392005}	<u>For threshold 0.3</u> {'rouge-l': 0.176, 'r': 0.08764940 239043825, 'f': 0.09736211 819457918}	<u>For threshold 0.3</u> {'p': 0.126436781 60919541, 'r': 0.067901234 56790123, 'f': 0.088353409 10824044}	<u>For threshold 0.3</u> {'p': 0.033613445 37815126, 'r': 0.017316017 316017316, 'f': 0.022857138 369143735}	<u>For threshold 0.3</u> {'p': 0.184, 'r': 0.073015873 01587302, 'f': 0.079543196 12163753}
Topic5	<u>For threshold 0.1</u> {'p': 0.189024390 24390244, 'r': 0.163157894 7368421, 'f': 0.175141237 96482506}	<u>For threshold 0.1</u> {'p': 0.018348623 85321101, 'r': 0.016460905 34979424, 'f': 0.017353574 19041085}	<u>For threshold 0.1</u> {'p': 0.11764705 882352941, 'r': 0.10196078 431372549, 'f': 0.10814577 087081781}	<u>For threshold 0.1</u> {'p': 0.195121951 2195122, 'r': 0.191616766 46706588, 'f': 0.193353469 32065256}	<u>For threshold 0.1</u> {'p': 0.018348623 85321101, 'r': 0.016528925 61983471, 'f': 0.017391299 3614381}	<u>For threshold 0.1</u> {'p': 0.144796380 09049775, 'r': 0.123076923 07692308, 'f': 0.131340509 56368243}
	<u>For threshold 0.2</u> {'p': 0.182926829 26829268, 'r': 0.153061224	<u>For threshold 0.2</u> {'p': 0.013761467 889908258, 'r': 0.012195121	<u>For threshold 0.2</u> {'p': 0.11764705 882352941, 'r':	<u>For threshold 0.2</u> _{'p': 0.195121951 2195122, 'r': 0.188235294	<u>For threshold 0.2</u> {'p': 0.018348623 85321101, 'r':	<u>For threshold 0.2</u> {'p': 0.140271493 21266968, 'r':

	48979592, 'f': 0.166666661 706173}	951219513, 'f': 0.012931029 500968031}	0.1015625, 'f': 0.10785947 897467398}	11764706, 'f': 0.191616761 46867954}	0.016064257 02811245, 'f': 0.017130616 007044443}	0.107638888 8888889, 'f': 0.117795007 53300583}
	<u>For</u> <u>threshold 0.3</u> {'p': 0.189024390 24390244, 'r': 0.165775401 0695187, 'f': 0.176638171 65964577}	<u>For threshold</u> <u>0.3</u> {'p': 0.018348623 85321101, 'r': 0.016393442 62295082, 'f': 0.017316012 331854286}	<u>For</u> <u>threshold</u> <u>0.3</u> {'p': 0.12217194 570135746, 'r': 0.10546875 , 'f': 0.11200792 047371297}	<u>For</u> <u>threshold 0.3</u> _{'p': 0.207317073 1707317, 'r': 0.185792349 72677597, 'f': 0.195965412 88242586}	<u>For</u> <u>threshold 0.3</u> {'p': 0.018348623 85321101, 'r': 0.016129032 258064516, 'f': 0.017167376 9949728}	<u>For</u> <u>threshold 0.3</u> {'p': 0.126696832 57918551, 'r': 0.099290780 14184398, 'f': 0.108195669 49384839}