# bpt - Beijing University of Posts and Telecommunications - MrX II (delayed feedback) Corpus

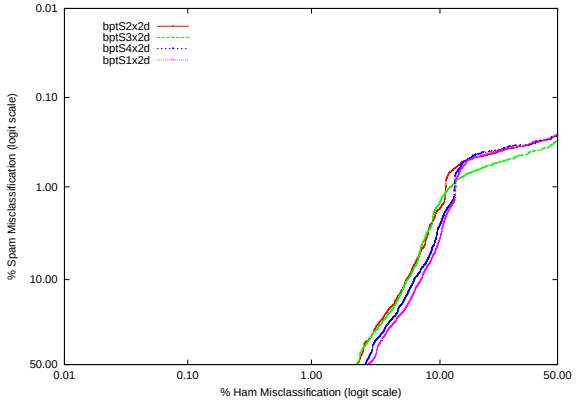
| Gold Std. | | bptS1x2d ham | bptS1x2d spam | bptS2x2d ham | bptS2x2d spam | bptS3x2d ham | bptS3x2d spam | bptS4x2d ham | bptS4x2d spam |
|---|---|---|---|---|---|---|---|---|---|
| Filter | ham | 7795 | 286 | 7999 | 295 | 8214 | 762 | 7826 | 272 |
| Classification | spam | 1244 | 39849 | 1040 | 39840 | 825 | 39373 | 1213 | 39863 |

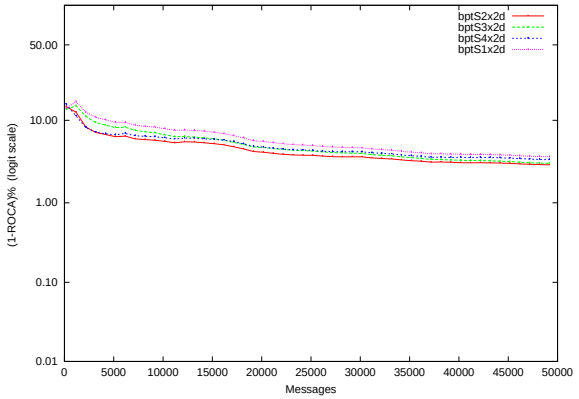
| | bptS1x2d | bptS2x2d | bptS3x2d | bptS4x2d |
|---|---|---|---|---|
| Ham Misc% | 13.76 (13.06-14.49) | 11.51 (10.85-12.18) | 9.13 (8.54-9.74) | 13.42 (12.72-14.14) |
| Spam Misc% | 0.71 (0.63-0.80) | 0.74 (0.65-0.82) | 1.90 (1.77-2.04) | 0.68 (0.60-0.76) |
| Logit av Misc% | 3.27 (3.09 - 3.46) | 3.01 (2.80 - 3.24) | 4.22 (4.05 - 4.41) | 3.15 (2.96 - 3.35) |
| (1-ROCA)% | 3.6977 (3.4081 - 4.0109) | 2.9571 (2.7133 - 3.2221) | 3.0866 (2.8526 - 3.3391) | 3.4217 (3.1687 - 3.6942) |

| Ham Misc% | Spam Misc% | | | |
|---|---|---|---|---|
| 0.01 | 100.00 (nan - nan) | 100.00 (nan - nan) | 100.00 (nan - nan) | 100.00 (nan - nan) |
| 0.02 | 100.00 (nan - nan) | 100.00 (nan - nan) | 100.00 (nan - nan) | 100.00 (nan - nan) |
| 0.05 | 100.00 (nan - nan) | 100.00 (nan - nan) | 100.00 (nan - nan) | 100.00 (nan - nan) |
| 0.10 | 99.68 (nan - nan) | 98.50 (nan - nan) | 97.58 (nan - nan) | 99.12 (nan - nan) |
| 0.20 | 95.91 (90.58 - 98.28) | 95.32 (92.38 - 97.16) | 96.04 (94.76 - 97.02) | 95.39 (91.24 - 97.63) |
| 0.50 | 93.47 (92.27 - 94.49) | 91.44 (89.29 - 93.19) | 93.64 (92.23 - 94.82) | 91.05 (88.47 - 93.10) |
| 1.00 | 83.95 (77.86 - 88.61) | 78.02 (71.77 - 83.21) | 79.94 (74.80 - 84.26) | 82.16 (78.24 - 85.50) |
| 2.00 | 66.75 (61.01 - 72.03) | 58.69 (52.16 - 64.92) | 57.32 (48.76 - 65.45) | 64.07 (58.61 - 69.19) |
| 5.00 | 21.96 (19.41 - 24.74) | 13.99 (11.53 - 16.87) | 14.41 (11.74 - 17.57) | 18.14 (15.15 - 21.58) |
| 10.00 | 3.77 (2.70 - 5.23) | 1.77 (1.48 - 2.13) | 1.50 (1.28 - 1.77) | 2.68 (2.09 - 3.42) |
| 20.00 | 0.44 (0.38 - 0.51) | 0.46 (0.39 - 0.53) | 0.62 (0.54 - 0.70) | 0.41 (0.36 - 0.47) |
| 50.00 | 0.27 (0.22 - 0.32) | 0.26 (0.22 - 0.32) | 0.31 (0.26 - 0.36) | 0.27 (0.23 - 0.32) |

| Spam Misc% | Ham Misc% | | | |
|---|---|---|---|---|
| 0.01 | 98.72 (97.23 - 99.41) | 98.73 (97.66 - 99.31) | 98.84 (97.87 - 99.37) | 98.46 (97.44 - 99.08) |
| 0.02 | 96.44 (91.63 - 98.53) | 97.41 (94.12 - 98.88) | 98.26 (95.76 - 99.30) | 96.92 (94.03 - 98.44) |
| 0.05 | 94.11 (90.66 - 96.34) | 93.58 (89.34 - 96.21) | 95.26 (93.55 - 96.54) | 93.52 (89.32 - 96.14) |
| 0.10 | 85.03 (75.72 - 91.19) | 81.77 (68.78 - 90.13) | 89.45 (83.39 - 93.47) | 80.86 (70.51 - 88.19) |
| 0.20 | 67.73 (57.60 - 76.43) | 57.88 (47.87 - 67.29) | 71.60 (62.34 - 79.34) | 64.18 (55.84 - 71.74) |
| 0.50 | 16.50 (13.08 - 20.59) | 16.37 (12.50 - 21.16) | 28.55 (22.37 - 35.66) | 15.80 (13.90 - 17.90) |
| 1.00 | 13.01 (12.28 - 13.77) | 11.06 (10.33 - 11.85) | 12.16 (11.24 - 13.14) | 12.77 (12.14 - 13.43) |
| 2.00 | 11.25 (10.57 - 11.97) | 9.30 (8.60 - 10.06) | 8.93 (8.40 - 9.48) | 10.76 (10.10 - 11.46) |
| 5.00 | 9.32 (8.71 - 9.96) | 7.26 (6.70 - 7.86) | 7.16 (6.66 - 7.68) | 8.72 (8.16 - 9.31) |
| 10.00 | 7.29 (6.76 - 7.86) | 5.62 (5.15 - 6.13) | 5.80 (5.39 - 6.23) | 6.44 (5.96 - 6.95) |
| 20.00 | 5.39 (4.94 - 5.87) | 4.03 (3.65 - 4.44) | 4.33 (3.97 - 4.72) | 4.82 (4.41 - 5.27) |
| 50.00 | 2.83 (2.49 - 3.22) | 2.33 (2.04 - 2.67) | 2.30 (2.00 - 2.64) | 2.69 (2.40 - 3.01) |

ROC Curves




Cumulative ROC Areas