

| Run CMUCAT1 | |
|-----------------------------|-----------|
| Sub task | batch |
| Query construction | automatic |
| .M field used? | no |
| TREC data used in training? | yes |
| non-TREC data used ? | no |
| Optimized for | T9P |
| Topic set | MESH |
| Total retrieved | 875634 |
| Relevant retrieved | 178112 |
| Macro average recall | 0.260 |
| Macro average precision | 0.531 |
| Mean T9P | 0.436 |
| Mean Utility | -69.596 |
| Mean T9U | 4.886 |
| Mean scaled utility | -0.620 |
| Zero returns | 97 |

| Run CMUCAT4 | |
|-----------------------------|-----------|
| Sub task | batch |
| Query construction | automatic |
| .M field used? | no |
| TREC data used in training? | yes |
| non-TREC data used ? | no |
| Optimized for | T9P |
| Topic set | OHSU |
| Total retrieved | 34650 |
| Relevant retrieved | 2645 |
| Macro average recall | 0.804 |
| Macro average precision | 0.102 |
| Mean T9P | 0.100 |
| Mean Utility | -424.048 |
| Mean T9U | -85.492 |
| Mean scaled utility | -8.056 |
| Zero returns | 0 |

| Run CMUCAT1 | |
|-----------------------------|-------------|
| Sub task | batch |
| Query construction | automatic |
| .M field used? | no |
| TREC data used in training? | yes |
| non-TREC data used ? | no |
| Optimized for | T9P |
| Topic set | MESH-SAMPLE |
| Total retrieved | 74415 |
| Relevant retrieved | 18148 |
| Macro average recall | 0.257 |
| Macro average precision | 0.546 |
| Mean T9P | 0.443 |
| Mean Utility | -39.942 |
| Mean T9U | 11.226 |
| Mean scaled utility | -0.538 |
| Zero returns | 9 |

| Run CMUCAT6 | |
|-----------------------------|-----------|
| Sub task | batch |
| Query construction | automatic |
| .M field used? | yes |
| TREC data used in training? | yes |
| non-TREC data used ? | no |
| Optimized for | T9P |
| Topic set | OHSU |
| Total retrieved | 11021 |
| Relevant retrieved | 1750 |
| Macro average recall | 0.574 |
| Macro average precision | 0.287 |
| Mean T9P | 0.261 |
| Mean Utility | -91.603 |
| Mean T9U | -26.889 |
| Mean scaled utility | -1.976 |
| Zero returns | 1 |