```
random merge
aggregate $lagg := local-avg($1)
                          1:1
project $1
                          1:1
assign $1 := string-length($m.message)
                          1:1
project $m
                          1:1
btree $m := search(MugshotMessages, $id, $id)
                          1:1
sort $id
                          1:1
project $id
                          1:1
btree $id := search(msTimestampIdx, $lo, $hi)
                          1:1
assign $hi := 2014-04-01T00:00:00
assign $10 := 2014-01-01T00:00:00
```

aggregate \$agg := global-avg(\$lagg)