1. Total number of bug reports
2. Average and median number of sentences that compose a bug report
3. Average and median number of terms that compose a bug report
4. Average and median number of nouns, verbs, adjectives and adverbs in bug reports.
5. Report the top-10 most frequent nouns, verbs, adjectives and adverbs for each system and corpus

HADOOP

Total number of bug reports: 7320

Title-Only

Sentences(average): 0.992896174863388

Sentences(median): 1

Terms(average): 6.945901639344262

Terms(median): 7

Nouns(average): 4.576775956284153

Nouns(median): 4

Verbs(average): 1.3763661202185793

Verbs(median): 1

Adjectives(average): 0.6419398907103825

Adjectives(median): 0

Adverbs(average): 0.14412568306010928

Adverbs(median): 0

Description-Only

Sentences(average): 7.805011328801813

Sentences(median): 2

Terms(average): 74.89457550313207

Terms(median): 31

Nouns(average): 52.65093962415034

Nouns(median): 18

Verbs(average): 11.177662268425962

Verbs(median): 6

Adjectives(average): 5.678528588564574

Adjectives(median): 3

Adverbs(average): 1.1909902705584432

Adverbs(median): 1

Both

Sentences(average): 8.741070242995619

Sentences(median): 3

Terms(average): 81.3672819014739

Terms(median): 38

Nouns(average): 56.90359845969991

Nouns(median): 23

Verbs(average): 12.473907847563405

Verbs(median): 8

Adjectives(average): 6.281370335944762

Adjectives(median): 3

Adverbs(average): 1.3266498472978356

Adverbs(median): 1

DERBY

Total number of bug reports: 4017

Title-Only

Sentences(average): 0.9995021160069704

Sentences(median): 1

Terms(average): 9.233507592730893

Terms(median): 8

Nouns(average): 6.282798108040827

Nouns(median): 6

Verbs(average): 1.6910629823251182

Verbs(median): 2

Adjectives(average): 0.8063231267114762

Adjectives(median): 1

Adverbs(average): 0.15459297983569828

Adverbs(median): 0

Description-Only

Sentences(average): 28.418691125433813

Sentences(median): 11

Terms(average): 244.98165592464056

Terms(median): 89

Nouns(average): 176.97273177987108

Nouns(median): 55

Verbs(average): 30.00991571641051

Verbs(median): 16

Adjectives(average): 19.20352007932573

Adjectives(median): 7

Adverbs(average): 1.8353991075855232

Adverbs(median): 1

Both

Sentences(average): 29.38484398216939

Sentences(median): 12

Terms(average): 253.92421991084694

Terms(median): 99

Nouns(average): 183.04730064388312

Nouns(median): 61

Verbs(average): 31.66245666171372

Verbs(median): 17

Adjectives(average): 19.98662704309064

Adjectives(median): 8

Adverbs(average): 1.987369985141159

Adverbs(median): 1