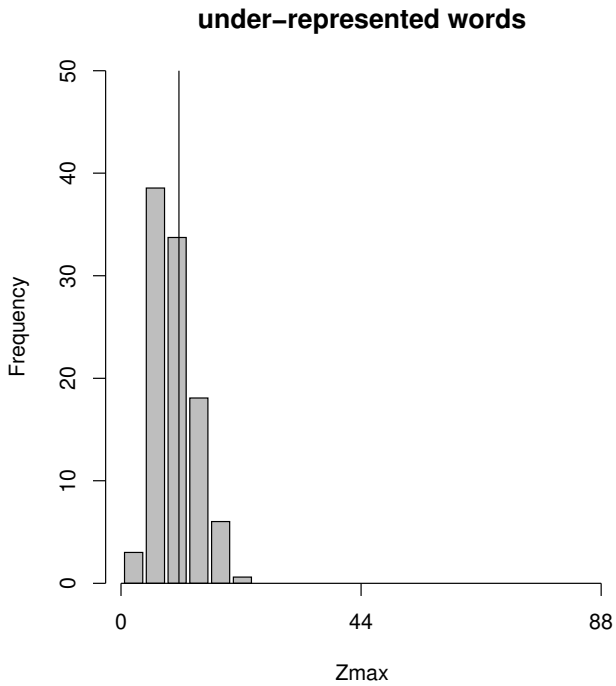
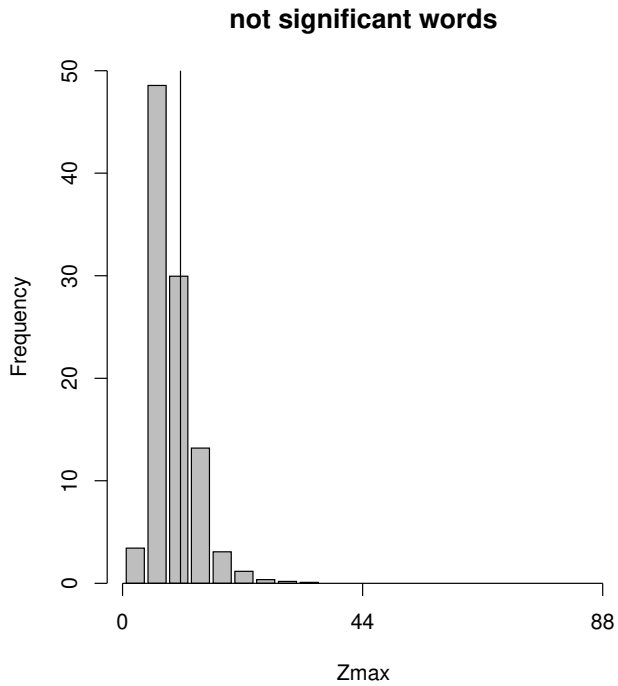
a)


under−represented words
Frequency
0
10
20
30
40
50
0
44
88
Zmax


not significant words
Frequency
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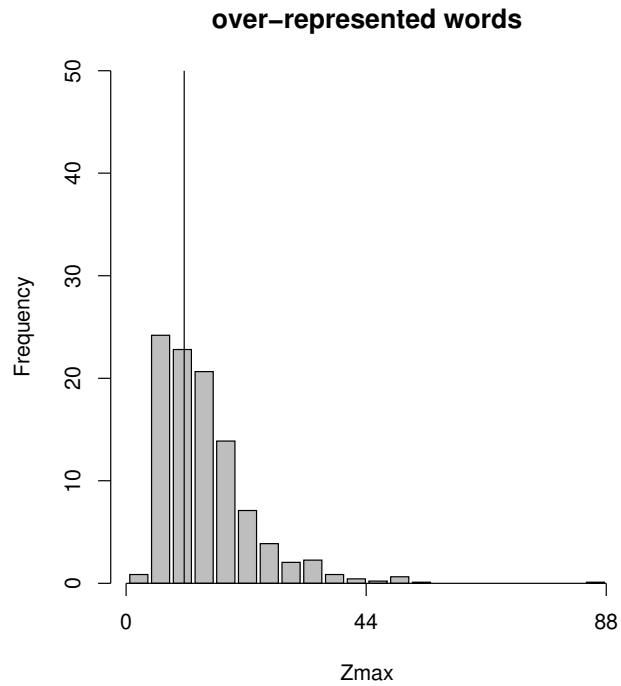
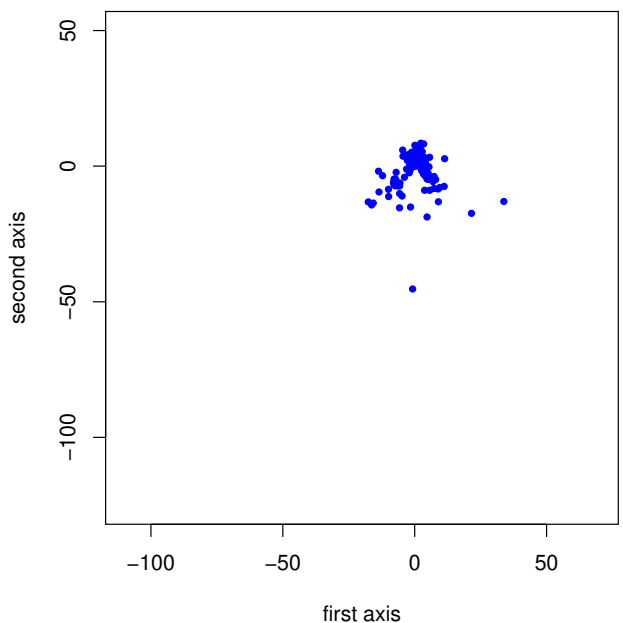
10
20
30
40
50
0
44
88
Zmax


over−represented words
Frequency
0
10
20
30
40
50
0
44
88
Zmax

b)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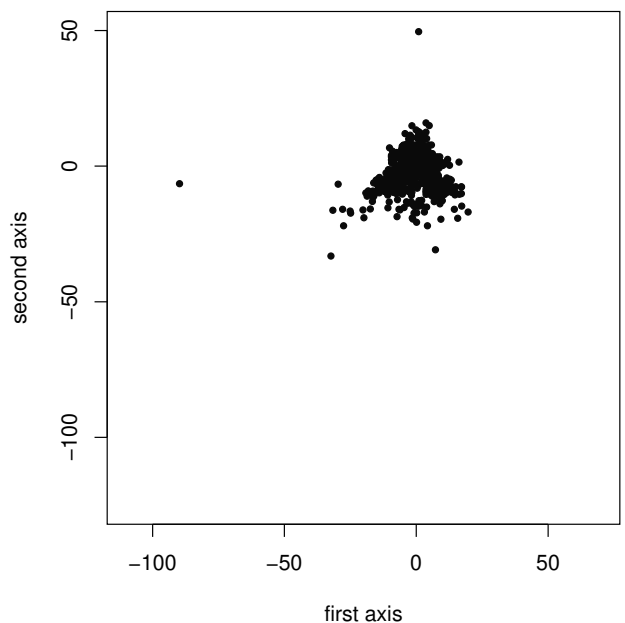
−50
0
50
−100
−50
0
50
first axis


second axis
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−100
−50
0
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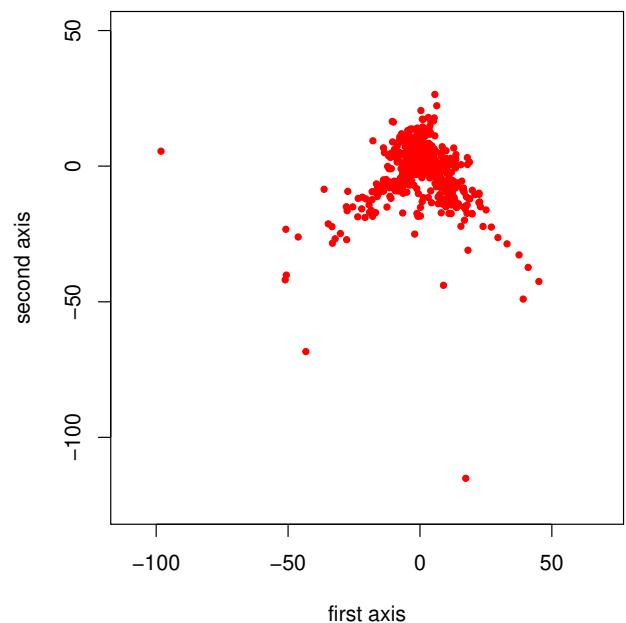
first axis


second axis
−100
−50
0
50
−100
−50
0
50
first axis