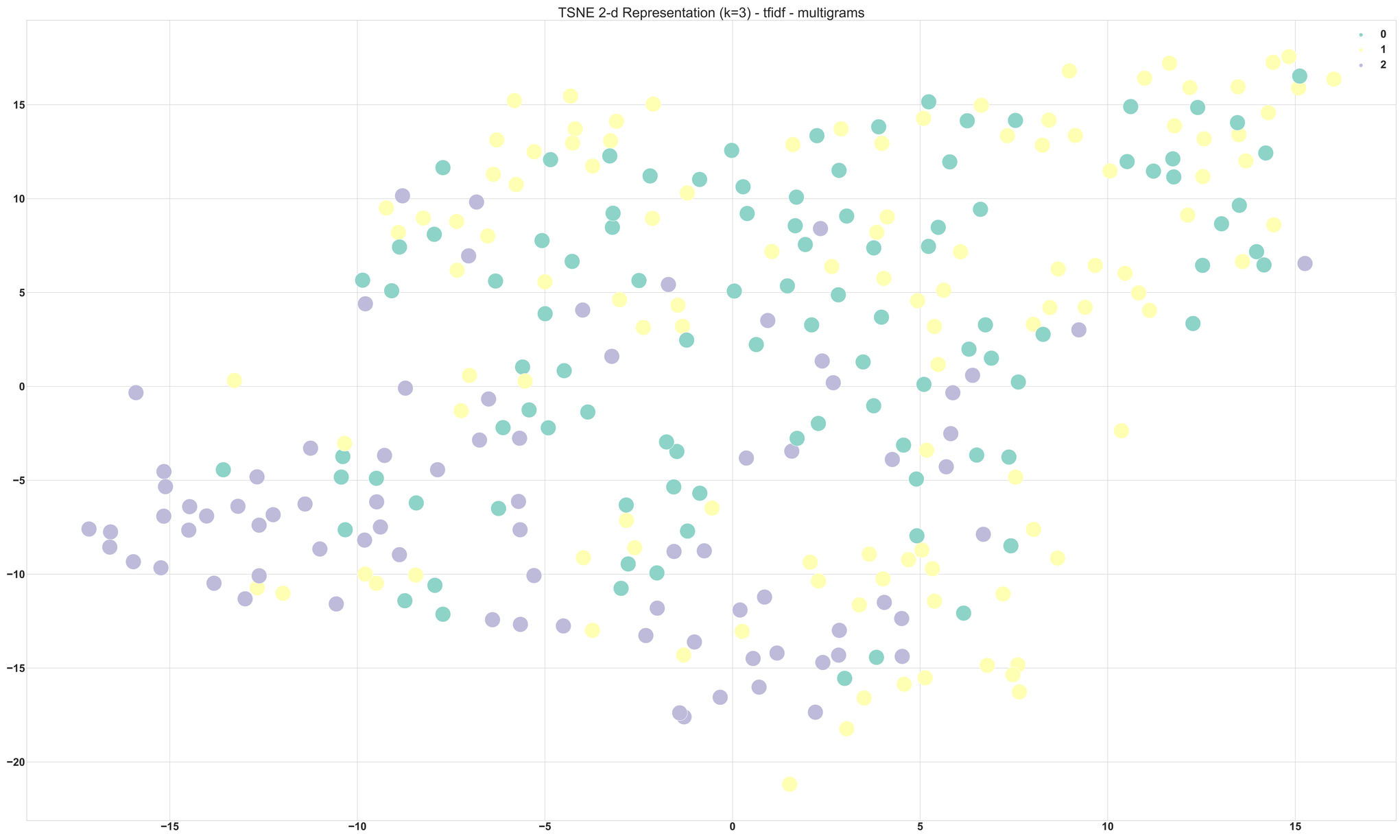
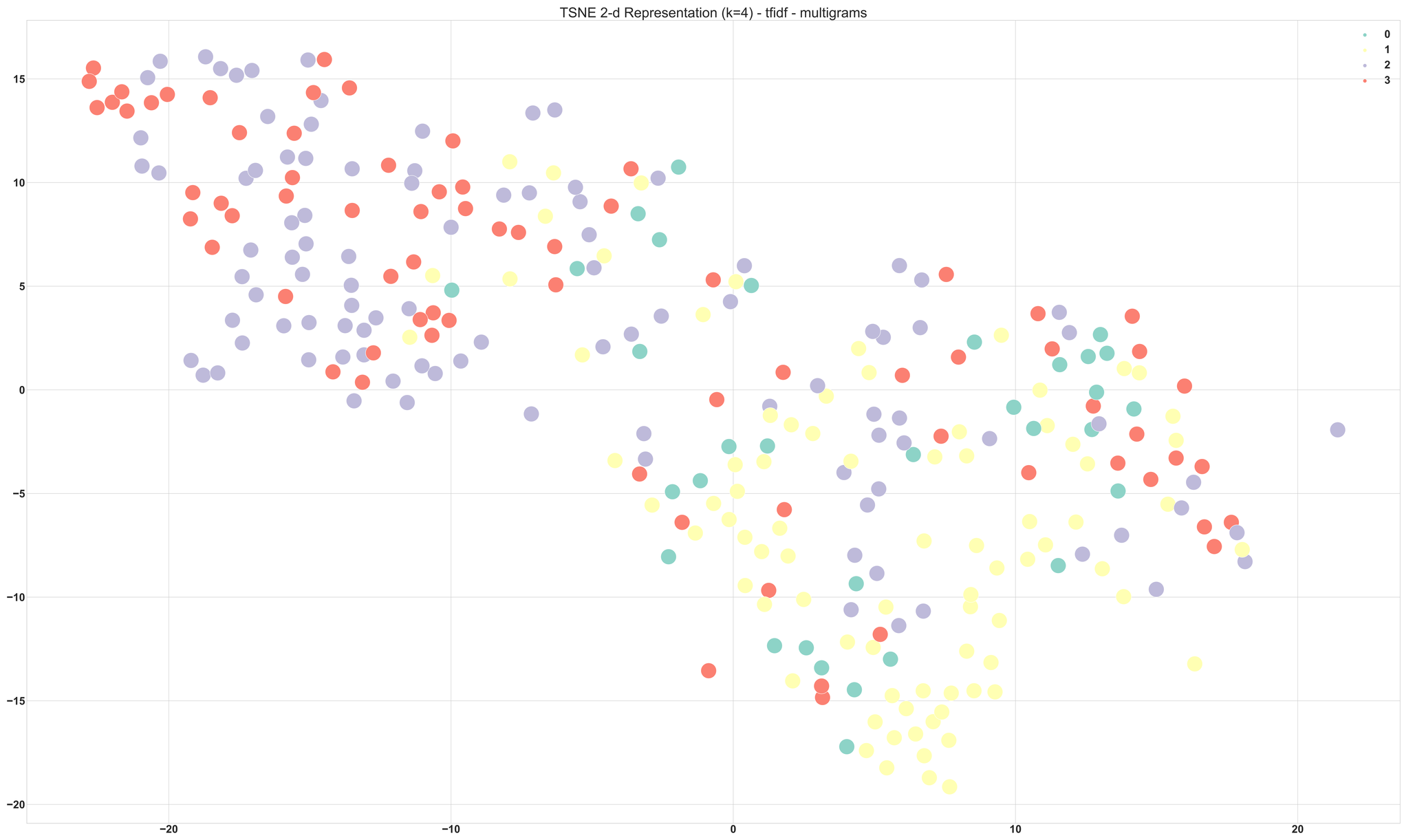
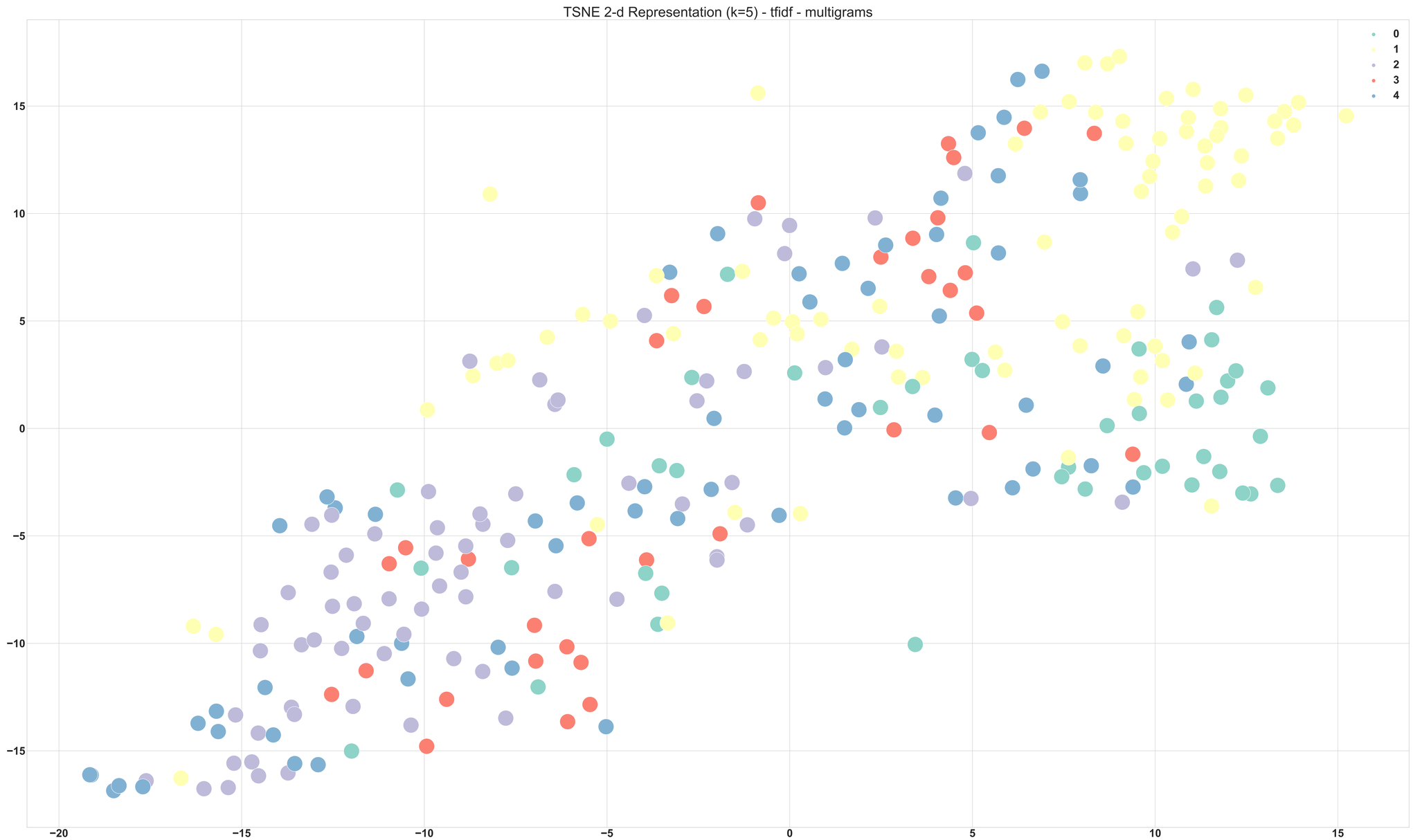
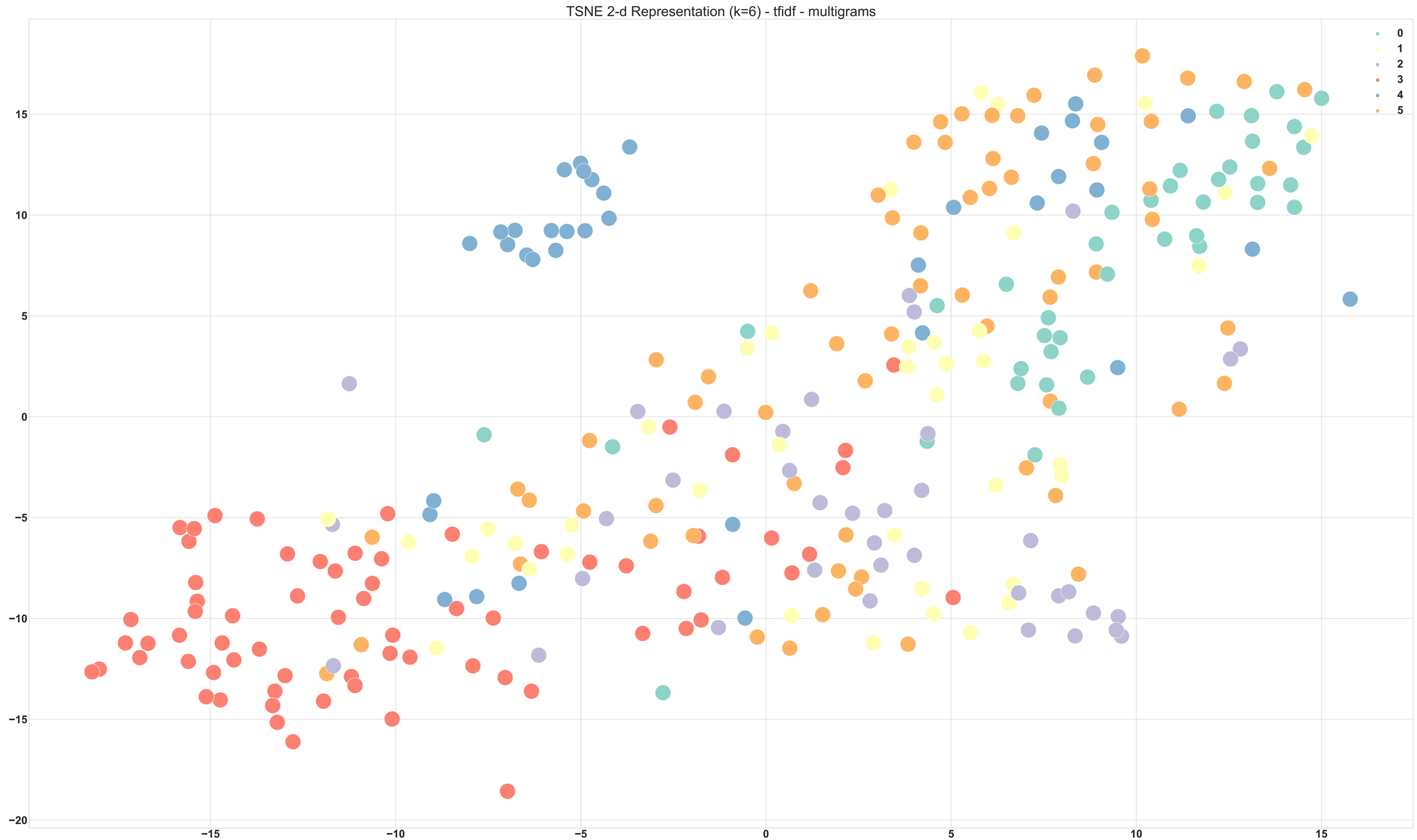
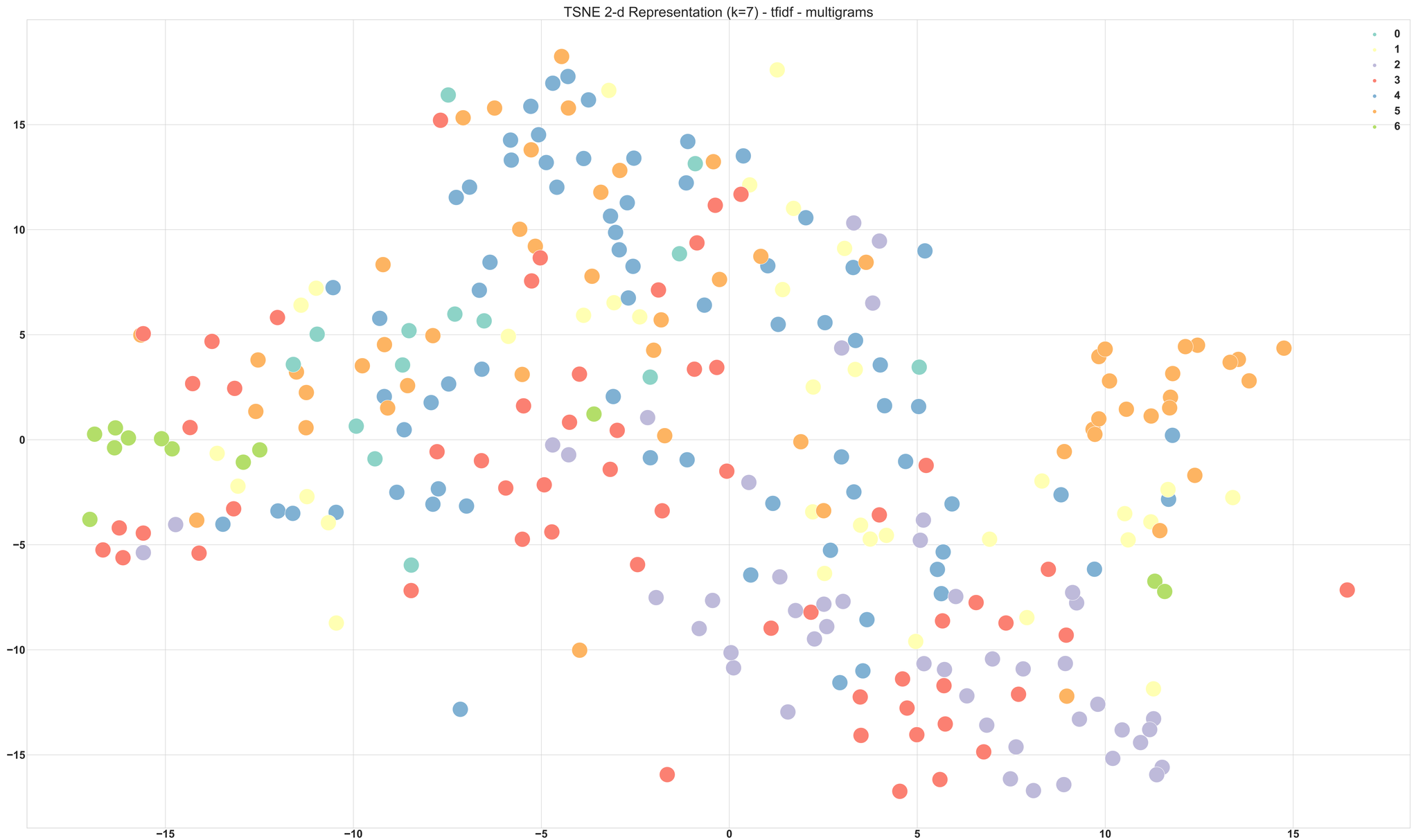
TSNE 2-d Representation (k=2) - tfidf - multigrams
0
1
15
10
5
0
−5
−10
−15
−20
−20
−15
−10
−5
0
5
10
15
20

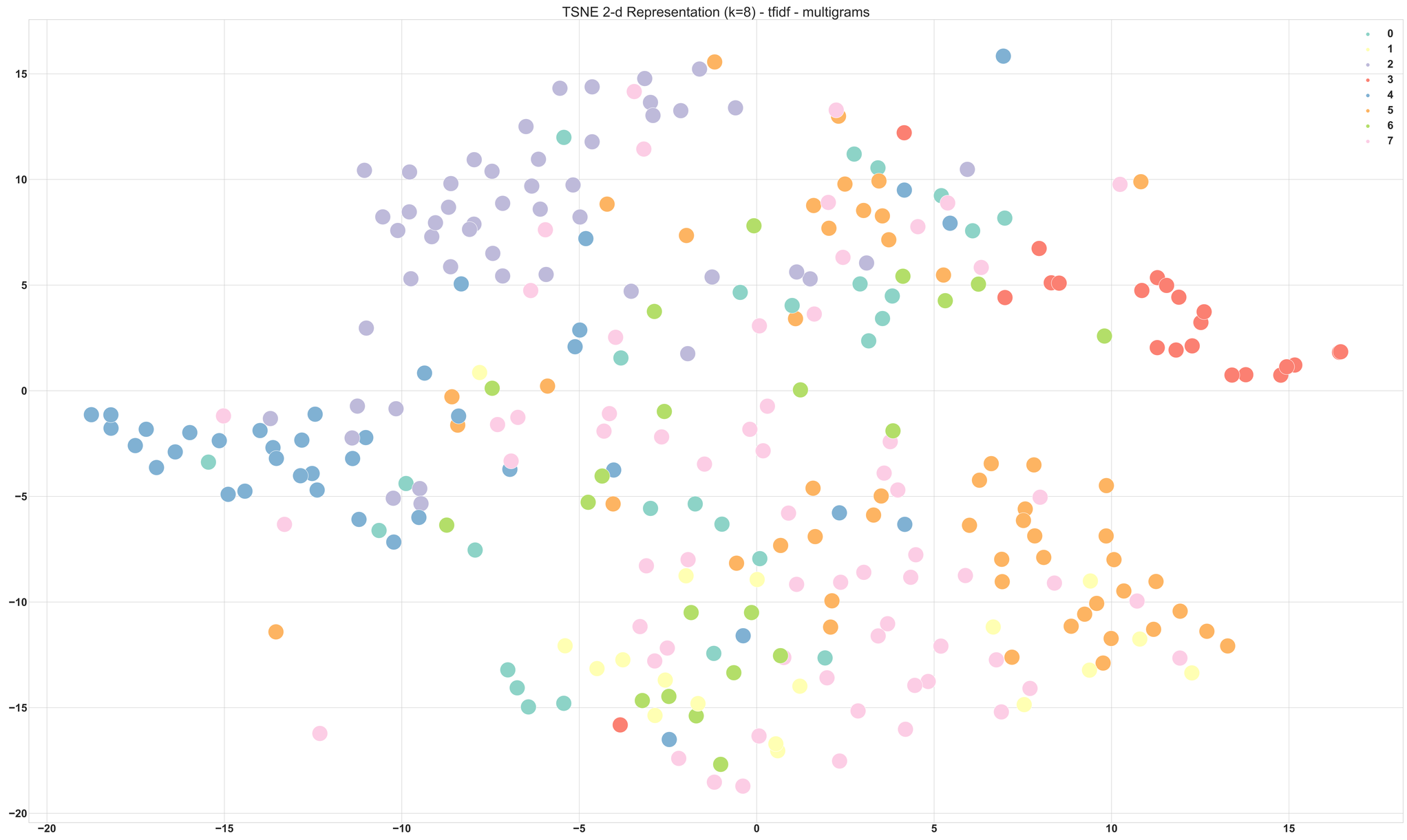

TSNE 2-d Representation (k=3) - tfidf - multigrams
0
1
2
15
10
5
0
−5
−10
−15
−20
−15
−10
−5
0
5
10
15


TSNE 2-d Representation (k=4) - tfidf - multigrams
0
1
2
3
15
10
5
0
−5
−10
−15
−20
−20
−10
0
10
20


TSNE 2-d Representation (k=5) - tfidf - multigrams
0
1
2
3
4
15
10
5
0
−5
−10
−15
−20
−15
−10
−5
0
5
10
15


TSNE 2-d Representation (k=6) - tfidf - multigrams
0
1
2
3
4
5
15
10
5
0
−5
−10
−15
−20
−15
−10
−5
0
5
10
15


TSNE 2-d Representation (k=7) - tfidf - multigrams
0
1
2
3
4
5
6
15
10
5
0
−5
−10
−15
−15
−10
−5
0
5
10
15


TSNE 2-d Representation (k=8) - tfidf - multigrams
0
1
2
3
4
5
6
7
15
10
5
0
−5
−10
−15
−20
−20
−15
−10
−5
0
5
10
15

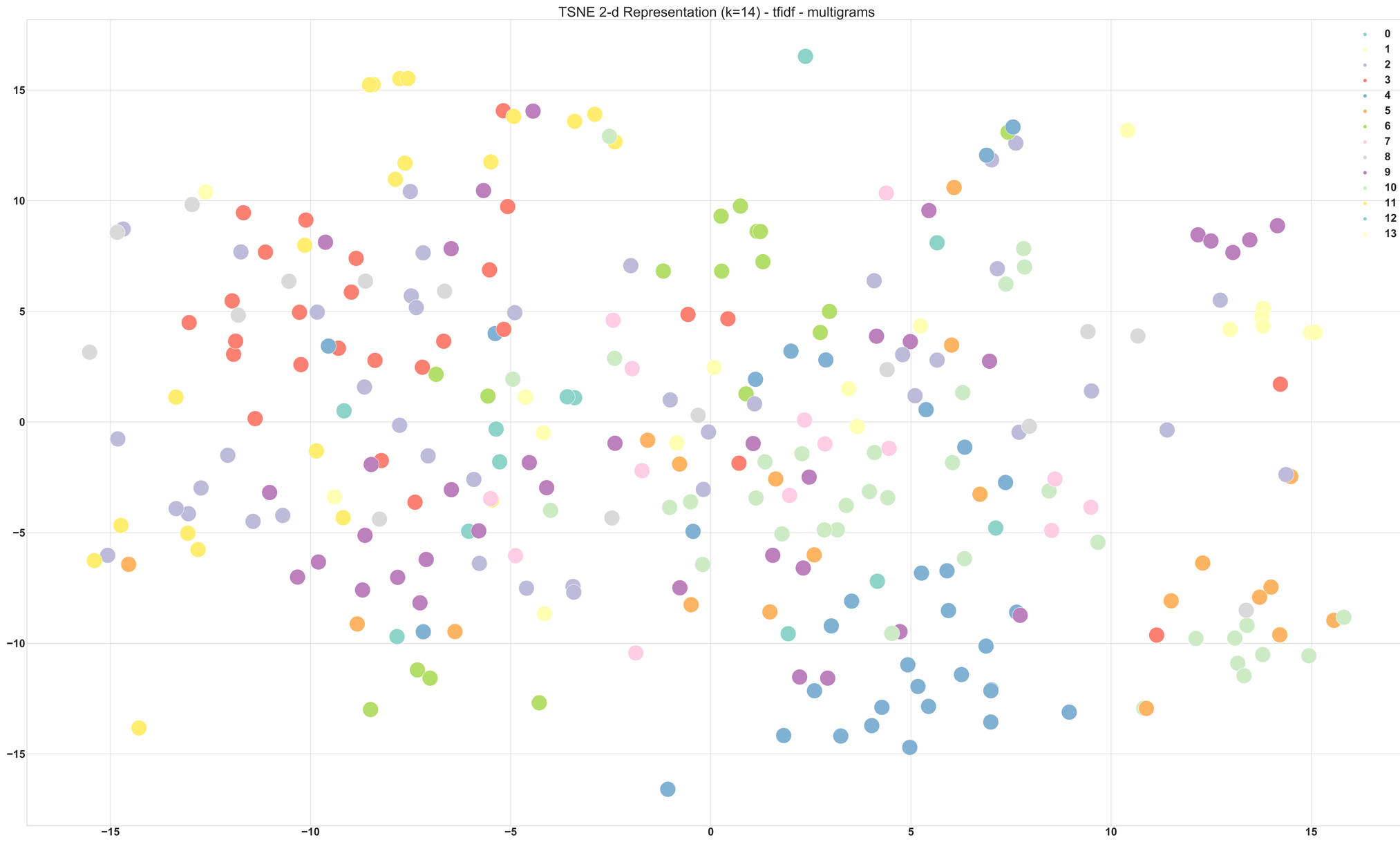
TSNE 2-d Representation (k=9) - tfidf - multigrams
0
1
2
3
4
5
6
7
8
15
10
5
0
−5
−10
−15
−20
−15
−10
−5
0
5
10
15
20

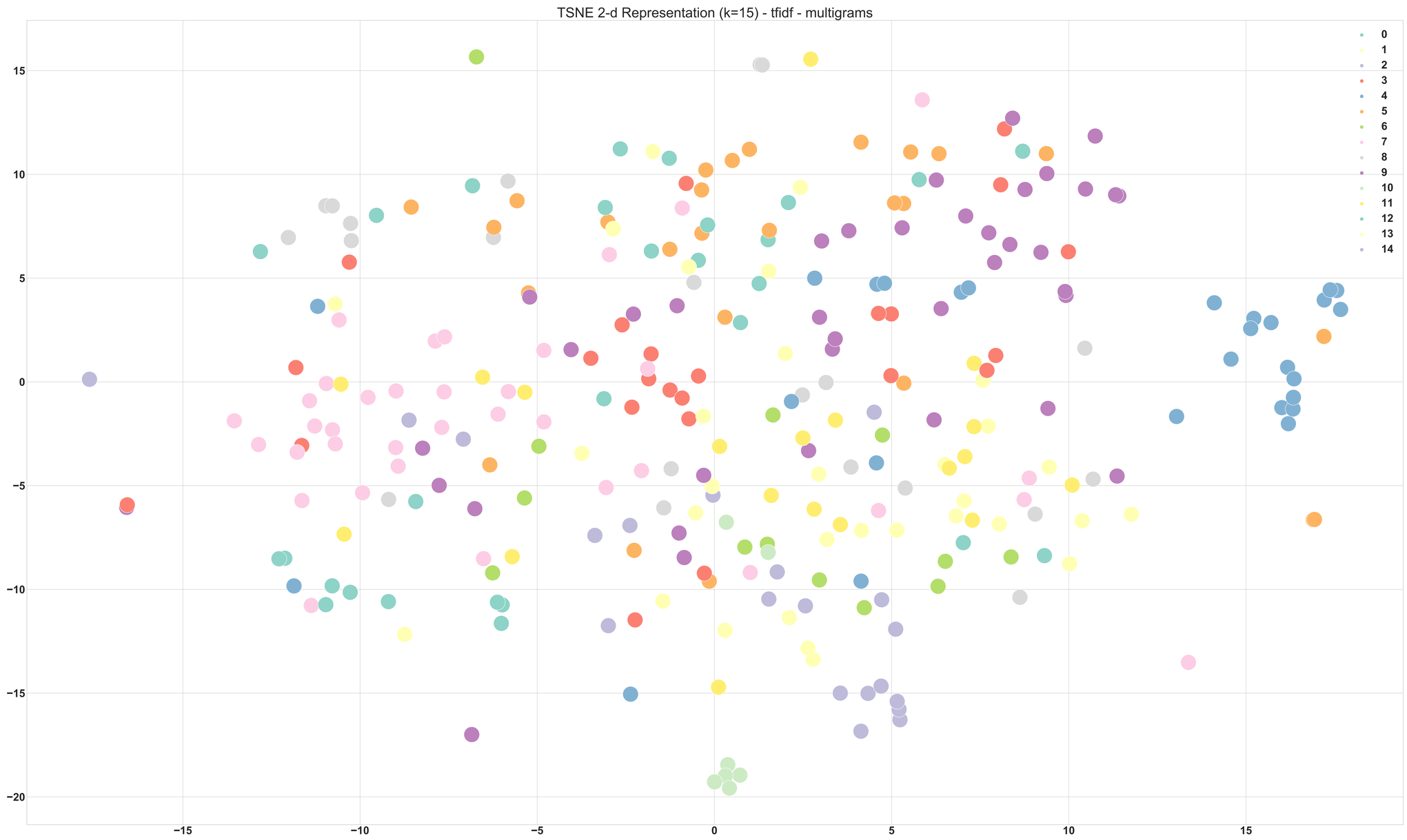
TSNE 2-d Representation (k=10) - tfidf - multigrams
0
1
2
3
4
5
6
7
8
9
15
10
5
0
−5
−10
−15
−15
−10
−5
0
5
10
15

TSNE 2-d Representation (k=11) - tfidf - multigrams
20
15
10
5
0
−5
−10
−15
−20
−15
−10
−5
0
5
10
15
0
1
2
3
4
5
6
7
8
9
10

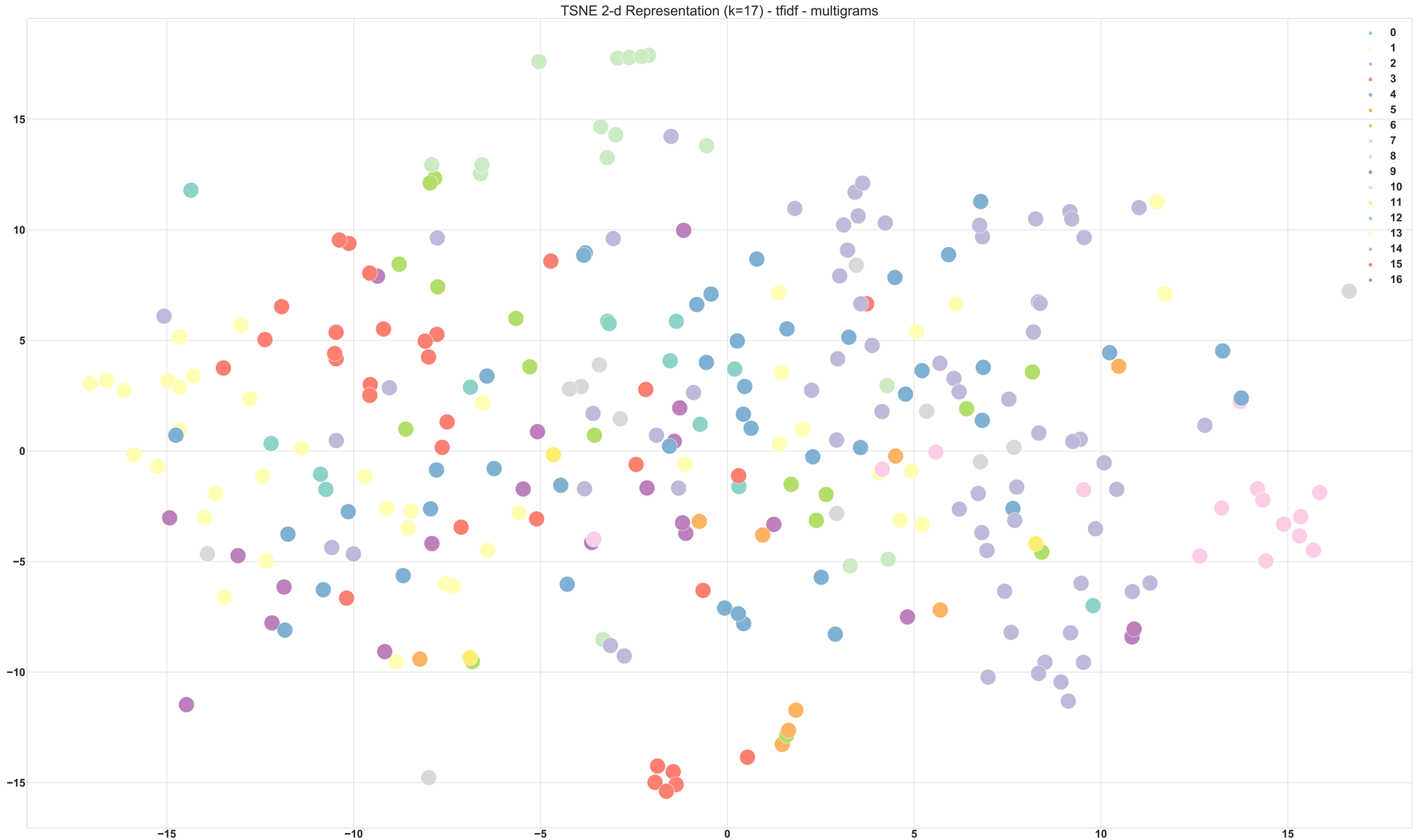
TSNE 2-d Representation (k=12) - tfidf - multigrams
0
1
2
3
4
5
6
7
8
9
10
11
15
10
5
0
−5
−10
−15
−20
−10
0
10
20

TSNE 2-d Representation (k=13) - tfidf - multigrams
0
1
2
3
4
5
6
7
8
9
10
11
12
20
15
10
5
0
−5
−10
−15
−15
−10
−5
0
5
10
15


TSNE 2-d Representation (k=14) - tfidf - multigrams
0
1
2
3
4
5
6
7
8
9
10
11
12
13
15
10
5
0
−5
−10
−15
−15
−10
−5
0
5
10
15


TSNE 2-d Representation (k=15) - tfidf - multigrams
15
10
5
0
−5
−10
−15
−20
−15
−10
−5
0
5
10
15
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14

TSNE 2-d Representation (k=16) - tfidf - multigrams
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
15
10
5
0
−5
−10
−15
−15
−10
−5
0
5
10
15
20


TSNE 2-d Representation (k=17) - tfidf - multigrams
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
15
10
5
0
−5
−10
−15
−15
−10
−5
0
5
10
15

TSNE 2-d Representation (k=18) - tfidf - multigrams
15
10
5
0
−5
−10
−15
−15
−10
−5
0
5
10
15
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

TSNE 2-d Representation (k=19) - tfidf - multigrams
15
10
5
0
−5
−10
−15
−20
−15
−10
−5
0
5
10
15
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18