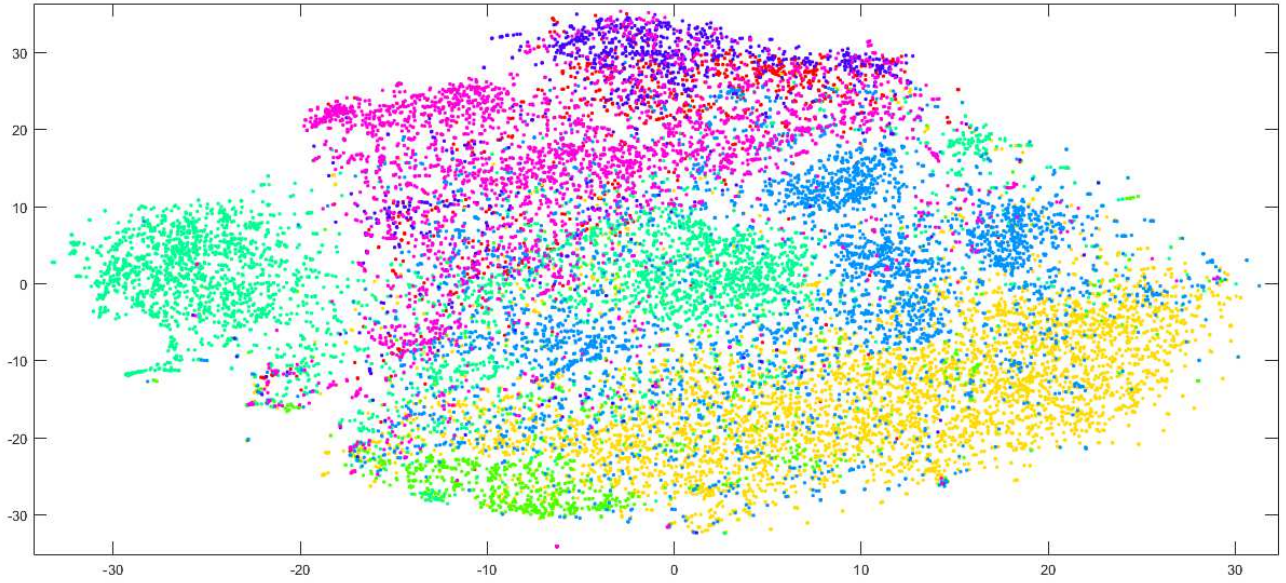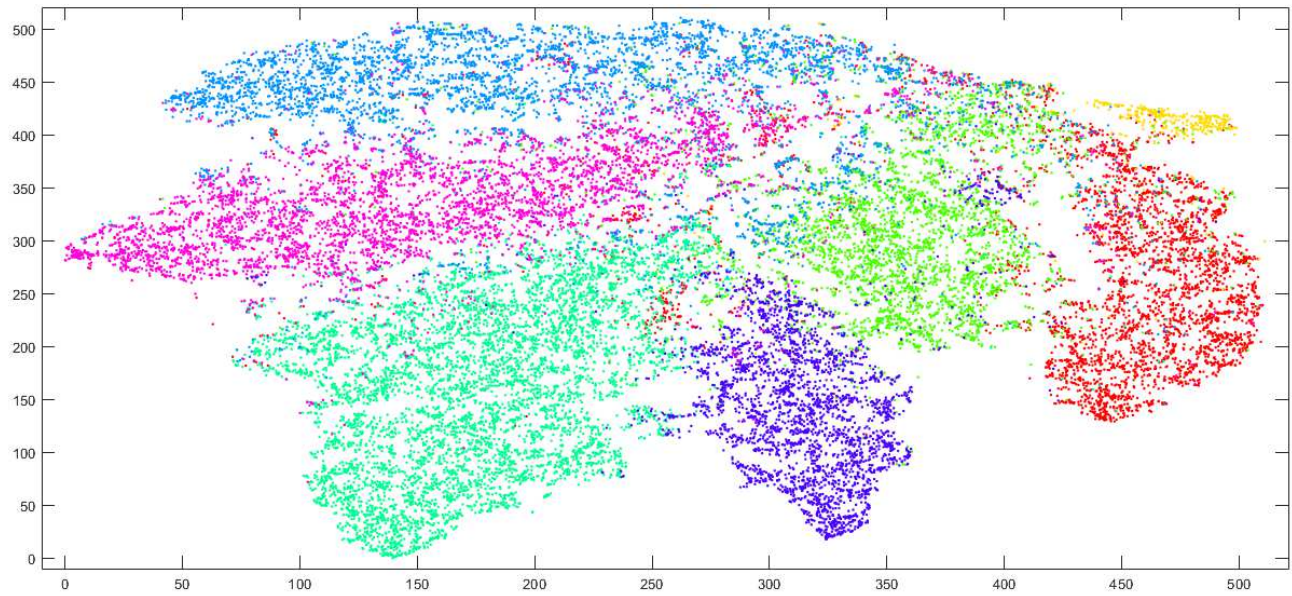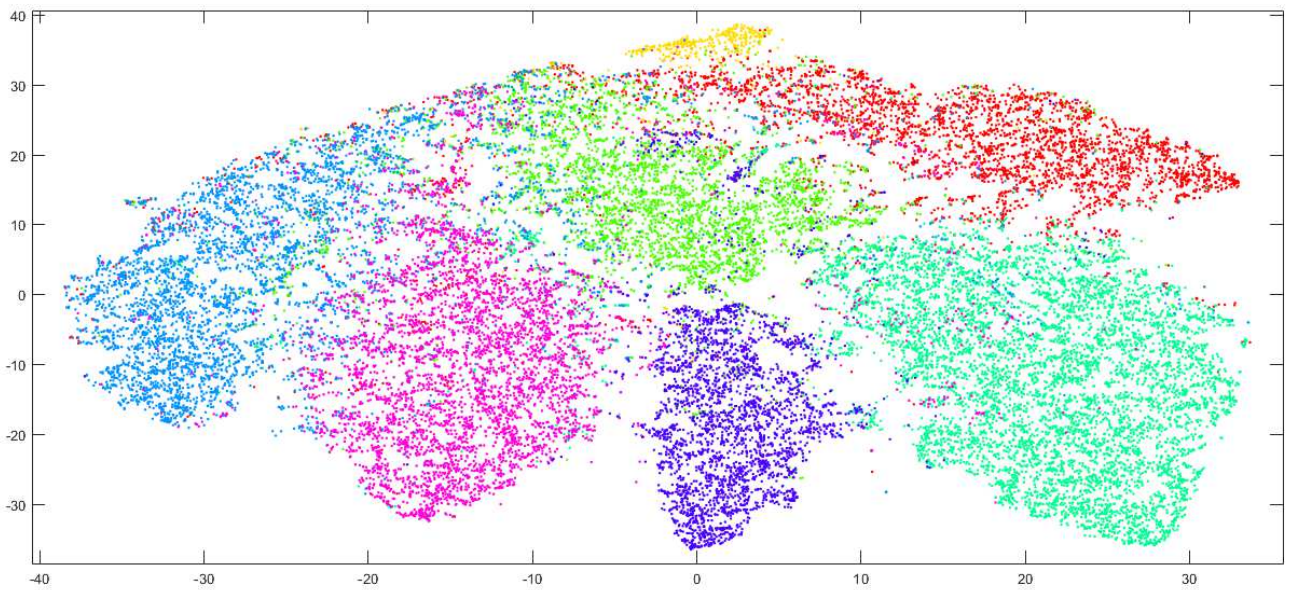(a) PixelSNE-RP (1m 27s), $r = 512$

(b) BH-SNE (2m 59s)

Figure 1: 2D embedding of 20News dataset. The numbers in parentheses indicate the computing time.
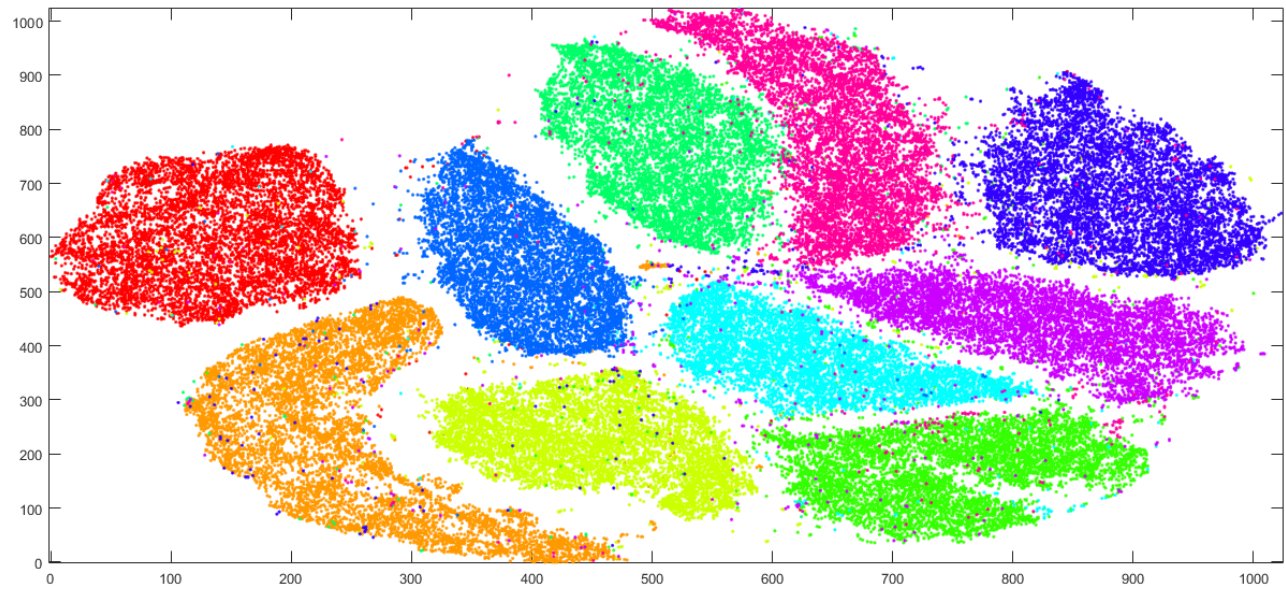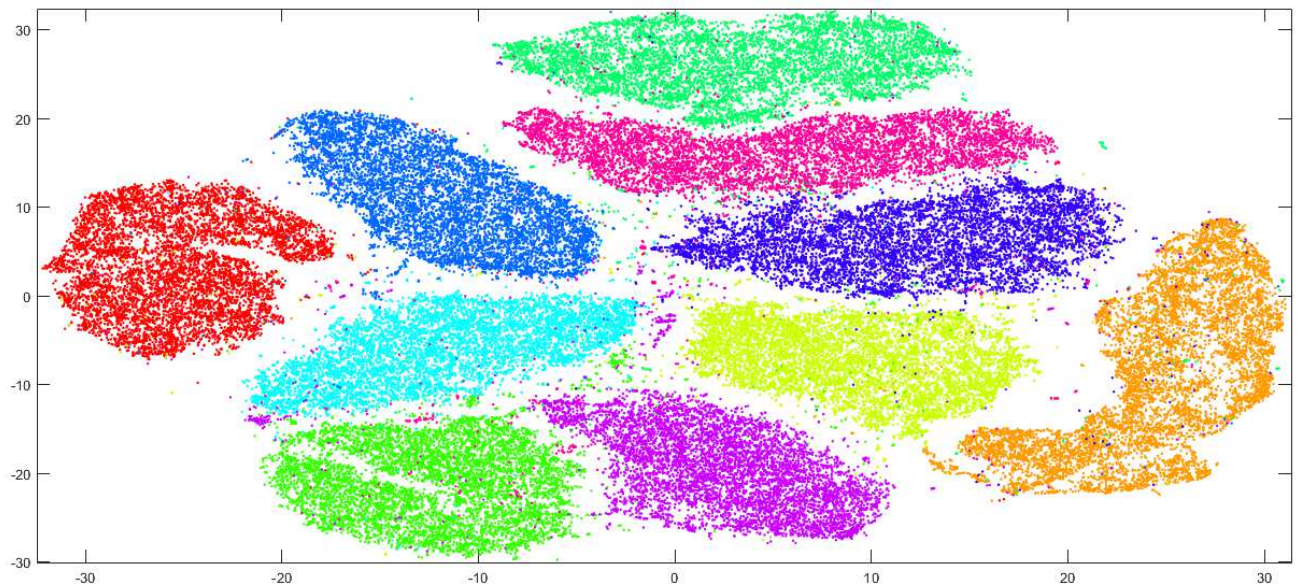
(a) PixelSNE-RP (2m 21s), $r = 512$

(b) BH-SNE (5m 33s)

Figure 2: 2D embedding of FecExp dataset. The numbers in parentheses indicate the computing time.
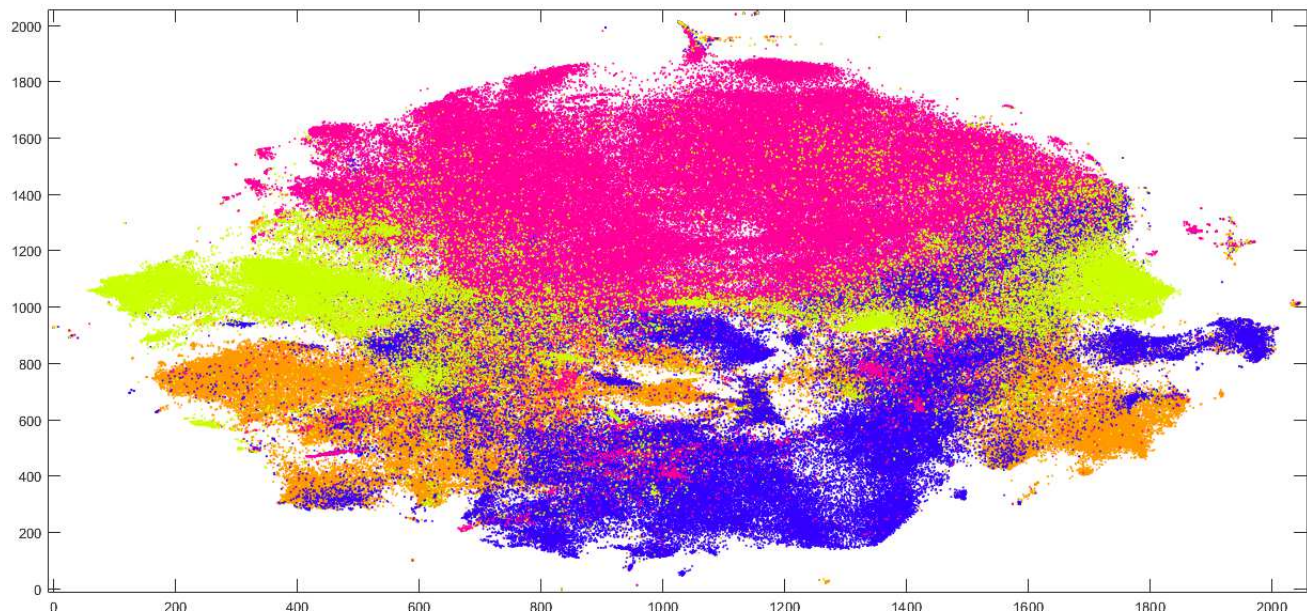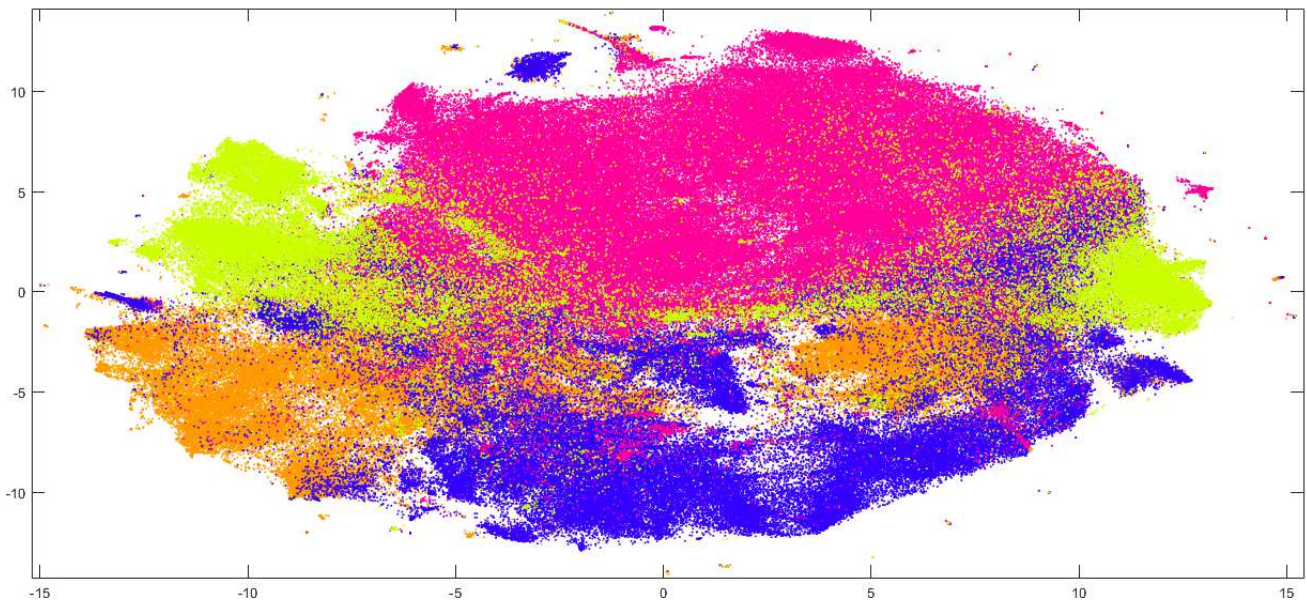
(a) PixelSNE-RP (7m 27s), $r = 1024$

(b) BH-SNE (19m)

Figure 3: 2D embedding of MNIST dataset. The numbers in parentheses indicate the computing time.
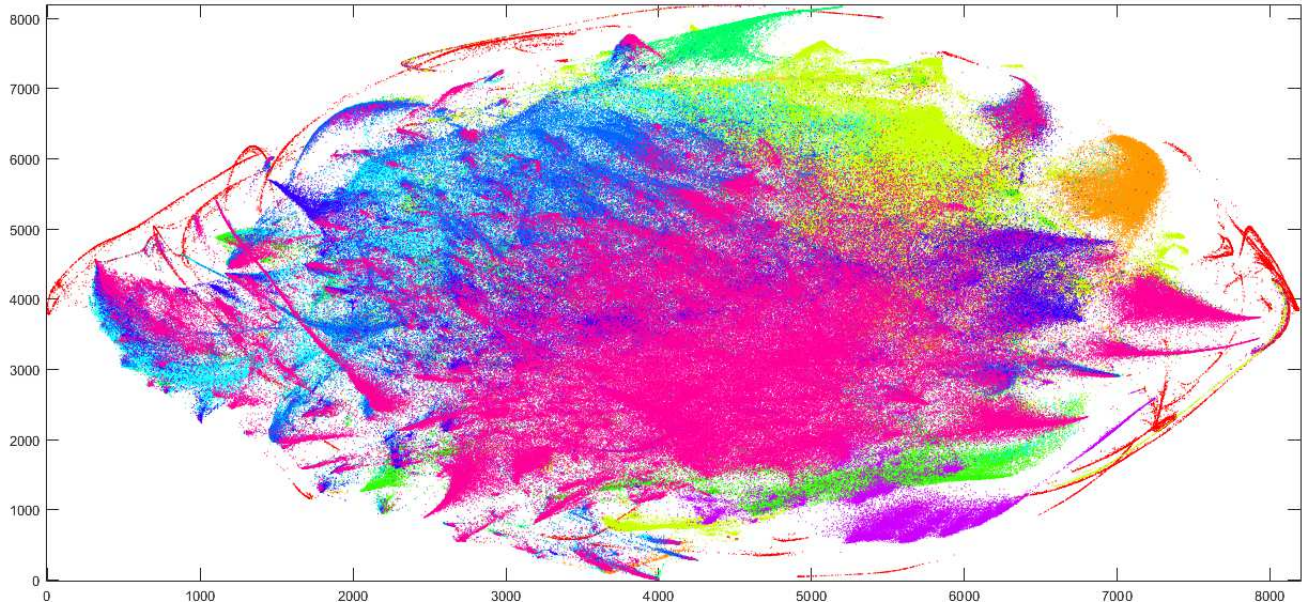
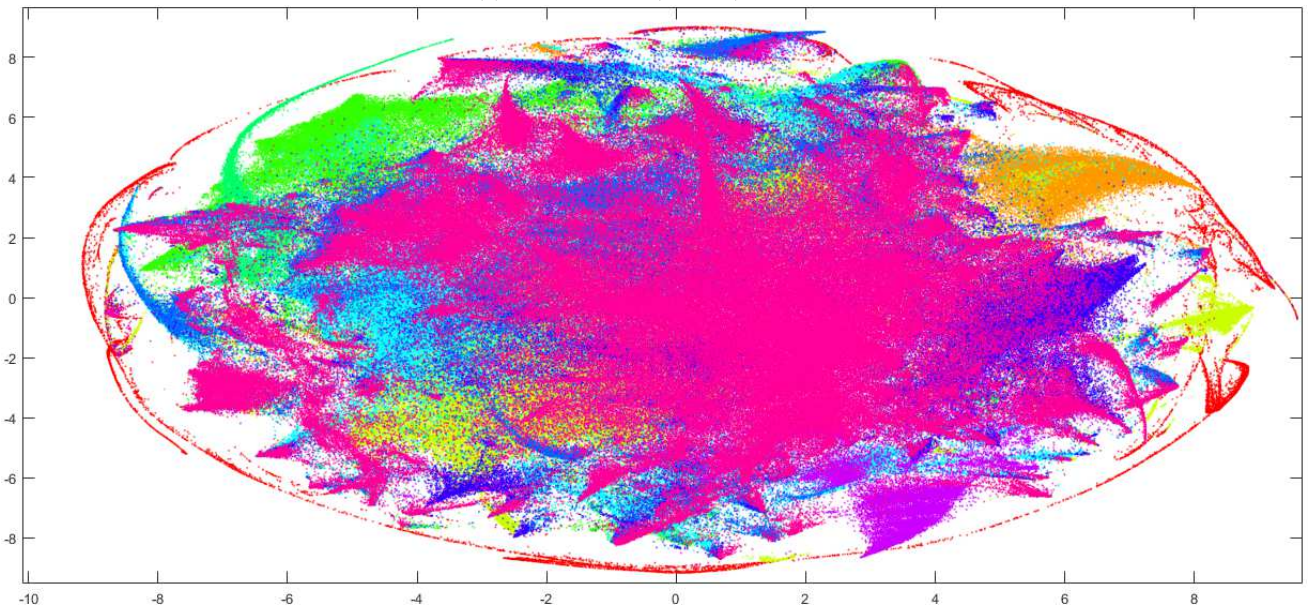(a) PixelSNE-RP (56m 24s), $r = 2048$

(b) BH-SNE (5h 46m)

Figure 4: 2D embedding of NewsAgg dataset. The numbers in parentheses indicate the computing time.

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(a) PixelSNE-RP (3h 54m), $r = 8192$

(b) BH-SNE (18h 16m)

Figure 5: 2D embedding of Yelp dataset. The numbers in parentheses indicate the computing time.