

TFIDF+WORD DISTANCE

food classification result:

Accuracy: 0.86 (+/- 0.10)

Precision: 0.89 (+/- 0.11)

Recall: 0.85 (+/- 0.11)

F1-score: 0.86 (+/- 0.08)

service classification result:

Accuracy: 0.82 (+/- 0.04)

Precision: 0.83 (+/- 0.05)

Recall: 0.81 (+/- 0.05)

F1-score: 0.82 (+/- 0.04)

feature#1 - TFIDF:

food classification result:

Accuracy: 0.82 (+/- 0.12)

Precision: 0.82 (+/- 0.18)

Recall: 0.82 (+/- 0.11)

F1-score: 0.81 (+/- 0.14)

service classification result:

Accuracy: 0.79 (+/- 0.05)

Precision: 0.82 (+/- 0.04)

Recall: 0.75 (+/- 0.07)

F1-score: 0.78 (+/- 0.05)

feature#2 - TFIDF_UNI/BI

food classification result:

Accuracy: 0.81 (+/- 0.07)

Precision: 0.78 (+/- 0.12)

Recall: 0.89 (+/- 0.15)

F1-score: 0.81 (+/- 0.08)

service classification result:

Accuracy: 0.79 (+/- 0.04)

Precision: 0.83 (+/- 0.06)

Recall: 0.73 (+/- 0.05)

F1-score: 0.78 (+/- 0.05)

feature#3

food classification result:

Accuracy: 0.85 (+/- 0.06)

Precision: 0.88 (+/- 0.12)

Recall: 0.84 (+/- 0.09)

F1-score: 0.85 (+/- 0.06)

service classification result:

Accuracy: 0.79 (+/- 0.03)

Precision: 0.82 (+/- 0.06)

Recall: 0.76 (+/- 0.05)

F1-score: 0.78 (+/- 0.03)

feature #4

food classification result:

Accuracy: 0.87 (+/- 0.05)

Precision: 0.88 (+/- 0.06)

Recall: 0.87 (+/- 0.13)

F1-score: 0.87 (+/- 0.05)

service classification result:

Accuracy: 0.80 (+/- 0.04)

Precision: 0.83 (+/- 0.06)

Recall: 0.76 (+/- 0.08)

F1-score: 0.79 (+/- 0.04)

feature #5

food classification result:

Accuracy: 0.83 (+/- 0.07)

Precision: 0.85 (+/- 0.08)

Recall: 0.81 (+/- 0.12)

F1-score: 0.82 (+/- 0.09)

service classification result:

Accuracy: 0.81 (+/- 0.05)

Precision: 0.83 (+/- 0.06)

Recall: 0.78 (+/- 0.06)
F1-score: 0.80 (+/- 0.05)

feature #6

food classification result:
Accuracy: 0.80 (+/- 0.06)
Precision: 0.84 (+/- 0.15)
Recall: 0.80 (+/- 0.15)
F1-score: 0.79 (+/- 0.07)

service classification result:
Accuracy: 0.80 (+/- 0.04)
Precision: 0.82 (+/- 0.09)
Recall: 0.77 (+/- 0.08)
F1-score: 0.79 (+/- 0.06)

feature#7

food classification result:
Accuracy: 0.81 (+/- 0.07)
Precision: 0.82 (+/- 0.08)
Recall: 0.81 (+/- 0.15)
F1-score: 0.80 (+/- 0.08)

service classification result:
Accuracy: 0.80 (+/- 0.04)
Precision: 0.83 (+/- 0.04)
Recall: 0.76 (+/- 0.09)
F1-score: 0.79 (+/- 0.05)