Brute force : multinomial naive bayes on basic features

- Default parameters for multinomial naive bayes
- No cross validation, no hyper parameters
- train is done on unbalanced data (distribution of is_duplicate is not the same on train(37%) and challenge data (17%) !)

BUT a bunch of features are tested

- Compute common_words between question1 & question2
- Compute Nb common_words between question1 & question2
- Compute Nb common words/nb words in question1
- Compute Nb common words/nb words in question2
- Compute Nb words in question1,question2 not in common words
- Compute (nb common words)/(nb words in question1+nb word in question2) These features are combined to generate 255 models (*2 as bot models with or without tests are trained)

Sequence

- All features are generated
  - on training data
  - on challenge data (overkill as some features may be rejected later but easier)
- AUC graphs are computed for each single feature, so we can visually see if it is potentially useful or obviously useless
- 2 Models are trained on *ALL* combination of features
  - on a a partition 80/20
  - on full training data
- Performances of all models are saved in a excel file
  - logloss on proba (test+full)
  - logloss on decision (test+full)
  - accuracy (test+full)
  - score (weighted combination of f1-score) (test+full)
- Various requests on this database of performances are done
- Apply is done on best 3 models (test & full)
  - proba is generated in a csv
  - csv is zipped
  - command line to publish in kaggle is displayed (no automatic submission to keep control)
- Kaggle performances are downloaded and saved
- Various requests on kaggle performances are done

In [4]:
```
# Ugly incantation to make our framework working
import sys
sys.path.insert(0, r'/SAPDevelop/QuoraPairs/BruteForce/Tools')

#import all our small tools (paths, cache, print,zip,excel, pandas, progress,..)
from Tools.all import *

# setup the nale of our experiment
# it will be used to store every result in a unique place
```

In [5]:
```
def add_column_from_columns(dataframe,output_column_name,function):
    dataframe[output_column_name]=dataframe.progress_apply(function,axis=1)
    return dataframe[output_column_name]

def add_column_from_column(dataframe,output_column_name,input_column_name,function):
    dataframe[output_column_name]=dataframe[input_column_name].progress_apply(function)
    return dataframe[output_column_name]


def build_all_simple_features(dataframe):
    start_small()
    print_warning('Compute common_words between question1 & question2')
    add_column_from_column(dataframe,'nb_words_question1','question1',lambda x: len(x.split()))
    add_column_from_column(dataframe,'nb_words_question2','question2',lambda x: len(x.split()))
    print_warning('Compute Nb common_words between question1 & question2')
    add_column_from_columns(dataframe,'common_words',lambda r: list(set(r.question1.split())&set(r.quest
ion2.split())))
    add_column_from_column(dataframe,'nb_common_words','common_words',len)

    print_warning('Compute Nb common words/nb words in question1')
    add_column_from_columns(dataframe,'nb_common_words/nb_words_question1',lambda r: r.nb_common_words/m
ax(1,r.nb_words_question1))
    print_warning('Compute Nb common words/nb words in question2')
    add_column_from_columns(dataframe,'nb_common_words/nb_words_question2',lambda r: r.nb_common_words/m
ax(1,r.nb_words_question2))

    print_warning('Compute Nb words in question1,question2 not in common words')
    add_column_from_columns(dataframe,'nb_words_question1-common_words',lambda r: len(list(set(r.questio
n1.split())-set(r.common_words))))
    add_column_from_columns(dataframe,'nb_words_question2-common_words',lambda r: len(list(set(r.questio
n2.split())-set(r.common_words))))
    print_warning('Compute (nb common words)/(nb words in question1+nb word in question2)')
    add_column_from_columns(dataframe,'nb_common_words/(nb_words_question1+nb_words_question2)',lambda r
: r.nb_common_words/(r.nb_words_question1+r.nb_words_question2))
    end_small()
    dataframe=dataframe.drop(columns='common_words')
    return dataframe
```

In [6]:
```
EXPERIMENT='multinomial_basic_features_unbalanced'

prepare_environnement(EXPERIMENT)
train_dataframe=load_dataframe(CLEAN_TRAINING_DATA)
challenge_dataframe=load_dataframe(CLEAN_CHALLENGE_DATA)
print_section('Untouched input data has been loaded. Training: %d lines Challenge: %d lines' % (len(trai
n_dataframe),len(challenge_dataframe)))

train_dataframe=load_or_build_dataframe('Training data + basic features','training_basic_features',build
_all_simple_features,train_dataframe)
challenge_dataframe=load_or_build_dataframe('Challenge data + basic features','challenge_basic_features'
,build_all_simple_features,challenge_dataframe)
```

Prepare multinomial_basic_features_unbalanced environment in ../multinomial_basic_features_unbalanced

---

Create ../multinomial_basic_features_unbalanced

Make local copy of ../PandasStore/clean_training.pkl

Make local copy of ../PandasStore/clean_challenge.pkl

Done

Untouched input data has been loaded. Training: 404290 lines Challenge: 2345796 lines

---

Training data + basic features: Load or rebuild training_basic_features

---

!!!!! ../multinomial_basic_features_unbalanced/training_basic_features.pkl does not exists!!!

Rebuild and save it

Compute common_words between question1 & question2

Compute Nb common_words between question1 & question2

Compute Nb common words/nb words in question1

Compute Nb common words/nb words in question2

Compute Nb words in question1,question2 not in common words

Compute (nb common words)/(nb words in question1+nb word in question2)

Save training_basic_features

Done:training_basic_features contains 404290 lines in 113.7 s

Challenge data + basic features: Load or rebuild challenge_basic_features

---

!!!!! ../multinomial_basic_features_unbalanced/challenge_basic_features.pkl does not exists!!!

Rebuild and save it

Compute common_words between question1 & question2

Compute Nb common_words between question1 & question2

Compute Nb common words/nb words in question1

Compute Nb common words/nb words in question2

Compute Nb words in question1,question2 not in common words

Compute (nb common words)/(nb words in question1+nb word in question2)

Save challenge_basic_features

Done:challenge_basic_features contains 2345796 lines in 675.1 s

In [5]:
```
train_dataframe.head()[:1]
```

Out[5]:

	id	qid1	qid2	question1	question2	is_duplicate	nb_words_question1	nb_words_question2	nb_common_words	nb_common_words/nb_word
0	0	1	2	What is the step by step guide to invest in share market in india?	What is the step by step guide to invest in share market?	0	14	12	10	

In [6]:
```
challenge_dataframe.head()[:1]
```

Out[6]:

	test_id	question1	question2	nb_words_question1	nb_words_question2	nb_common_words	nb_common_words/nb_words_question1	nb_comm
0	0	How does the Surface Pro himself 4 compare with iPad Pro?	Why did Microsoft choose core m3 and not core i3 home Surface Pro 4?	11	14	2	0.181818	

Compute AUC of these basic features and try to figure if there is a bit of information inside each one

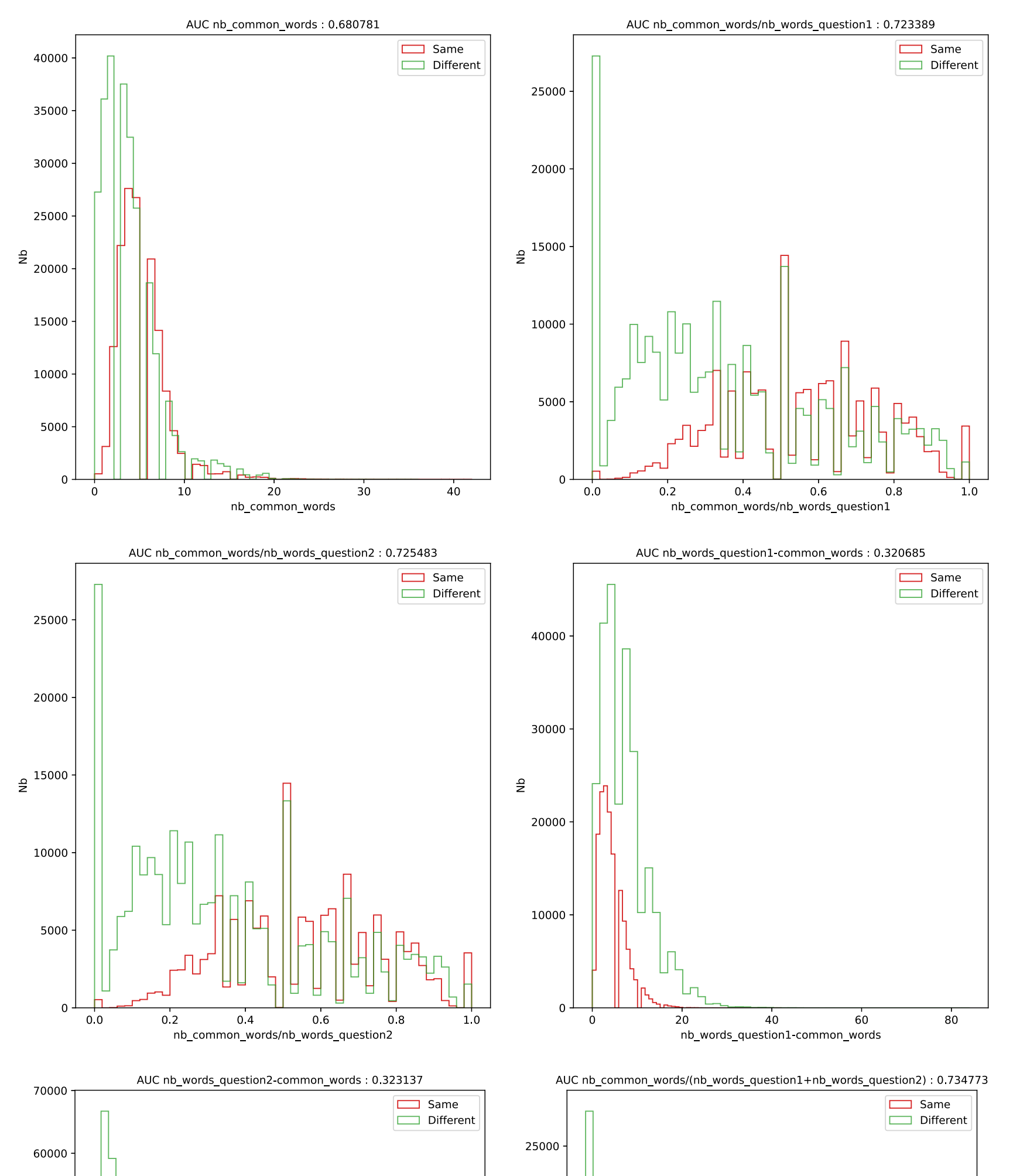
ie is it helping to separate 1 from 0?

In [7]:
```
from sklearn.metrics import roc_auc_score

def simple_AUC(dataframe,column_name):
    return roc_auc_score(dataframe['is_duplicate'],dataframe[column_name])

def show_AUC(dataframe,column_name):
    print_bullet('AUC %s: %f' % (column_name,simple_AUC(dataframe,column_name)))

def display_simple_AUC(dataframe,column_name):
    palette = sns.color_palette()
    # Let multiplot_generator figure the size
    #plot.figure(figsize=(10, 7))
    plot.hist(dataframe[column_name][dataframe['is_duplicate']==1],bins=50,color=palette[3],label='Same'
,histtype='step')
    plot.hist(train_dataframe[column_name][dataframe['is_duplicate']==0],bins=50,color=palette[2],label=
'Different',alpha = 0.75,histtype='step')
    plot.title('AUC %s : %f' % (column_name,simple_AUC(dataframe,column_name)) , fontsize=10)
    plot.xlabel(column_name)
    plot.ylabel('Nb')
    plot.legend()


def show_all_simple_AUC(dataframe):
    all =  all_numeric_columns(dataframe)
    print_section( 'Show AUC on %d unique features' % len(all))
    for name in all:
        show_AUC(dataframe,name)
        yield
        display_simple_AUC(dataframe,name)
    print_done('Done')


def show_all_simple_AUC_in_grid(dataframe,nb_columns=2):
    multiplot_from_generator(show_all_simple_AUC(dataframe), nb_columns)

show_all_simple_AUC_in_grid(train_dataframe,nb_columns=2)
```

Show AUC on 8 unique features

- AUC nb_words_question1: 0.416034
- AUC nb_words_question2: 0.420794
- AUC nb_common_words: 0.680781
- AUC nb_common_words/nb_words_question1: 0.723389
- AUC nb_common_words/nb_words_question2: 0.725483
- AUC nb_words_question1-common_words: 0.320685
- AUC nb_words_question2-common_words: 0.323137
- AUC nb_common_words/(nb_words_question1+nb_words_question2): 0.734773

Done



In [ ]:

As a quick check, Build simple naive bayes models (full & with test) on a fixed set of features

In [21]:
```
from sklearn.model_selection import train_test_split
from sklearn.naive_bayes import GaussianNB
from sklearn.naive_bayes import MultinomialNB
from sklearn import metrics

# This will add a suffix to all keys of a dict
# Used to add _test,_train,_full to keys of infos about a model

FAKE_INFOS_ON_MODEL_TEST_TRAIN = {
    'accuracy_train': 0,
    'score_train': 0,
    'logloss_proba_train': 0,
    'model_train': None,
    'accuracy_test': 0,
    'score_test': 0,
    'logloss_proba_test': 0,
    'model_test': None,
    'time_test':0
}

FAKE_INFOS_ON_MODEL_FULL = {
    'accuracy_full': 0,
    'score_full': 0,
    'logloss_proba_full': 0,
    'model_full': None,
    'time_full': 0
}


PRINT_INFOS_ON_2_MODELS = {
    'accuracy_test': '%.4f',
    'score_test': '%.4f',
    'logloss_proba_test': '%.4f',
    'time_test': '%.1f',

    'accuracy_train': '%.4f',
    'score_train': '%.4f',
    'logloss_proba_train': '%.4f',

    'accuracy_full': '%.4f',
    'score_full': '%.4f',
    'logloss_proba_full': '%.4f',
    'time_full': '%.1f',

    'nb_features': '%d',
    'column_names': '%s'
}

PRINT_INFOS_ON_MODEL_TRAIN = {
    'accuracy_train': '%.4f',
    'score_train': '%.4f',
    'logloss_proba_train': '%.4f',
}

PRINT_INFOS_ON_MODEL_TEST = {
    'accuracy_test': '%.4f',
    'score_test': '%.4f',
    'logloss_proba_test': '%.4f',
    'time_test': '%.1f',
}

PRINT_INFOS_ON_MODEL_FULL = {
    'accuracy_full': '%.4f',
    'score_full': '%.4f',
    'logloss_proba_full': '%.4f',
    'time_full': '%.1f',

}

def add_suffix_to_keys(d,s):
    return dict(zip([k+s for k in d.keys()],d.values()))

def format_model_infos(message,keys_formats,infos):
    values = list()
    for k,f in keys_formats.items():
        values.append( f % infos[k])
    #return print_info( '%s %s' %(message,' | '.join(values)))
    return '%s %s' %(message,' | '.join(values))

def print_model_infos(message,keys_formats,infos):
    print_info(format_model_infos(message,keys_formats,infos))
def print_header_infos_model(key_formats):
    print_info('|'.join(key_formats.keys()))

## Use & trick FAKE_XXXXX to mock the big loop of big trainings
def FAKE_build_naivebayes_model_full(input,column_names,target,show=True):
    return FAKE_INFOS_ON_MODEL_FULL

def FAKE_build_naivebayes_model_with_test(input,column_names,target,show=True):
    return FAKE_INFOS_ON_MODEL_TEST_TRAIN

def FAKE_build_model(train_dataframe,column_names,target,show=True):
    infos = FAKE_build_naivebayes_model_with_test(train_dataframe,column_names,target,show=show)
    infos.update(FAKE_build_naivebayes_model_full(train_dataframe,column_names,target,show=show))
    infos.update(
        {
            'nb_features':len(column_names),
            'column_names':clean_combination_name(column_names),
            'columns': column_names
        })
    return infos



def compute_metrics_model(model,input_df,target_df,suffix,show=True):
    prediction_df = model.predict(input_df)
    prediction_proba_df = model.predict_proba(input_df)
    res = metrics.classification_report(target_df,prediction_df,output_dict=True)
    accuracy = res['accuracy']
    score = res['0']['f1-score']*(1-0.17)+res['1']['f1-score']*.17
    logloss_proba = metrics.log_loss(target_df,prediction_proba_df)
    if show:
        print('Classification report on %s' % suffix)
        print(metrics.classification_report(target_df,prediction_df))
    return add_suffix_to_keys(
            {
             'accuracy':accuracy,
             'score':score,
             'logloss_proba':logloss_proba,
             'model':model
            },
            suffix)


def build_naivebayes_model_with_test(input,column_names,target,show=True):
    # print_bullet('Multinomial Naive Bayes with test on %s' % clean_combination_name(column_names))
    input_train = pandas.DataFrame()
    for column_name in column_names:
        input_train[column_name]=input[column_name]
    target_train = target
    input_train,input_test,target_train,target_test = train_test_split(input_train,target_train,random_s
tate=42,test_size=0.2)
    if show:
        print_info( 'Training:%d lines Test:%d Nb Features: %d' % (len(input_train),len(input_test),len(
input_train.columns)))
    model = MultinomialNB()
    #naive_bayes_classifier_with_test=ComplementNB()
    start = time.time()
    model.fit(input_train,target_train)
    duration = time.time()-start
    infos = compute_metrics_model(model,input_test,target_test,'_test',show=show)
    infos.update(compute_metrics_model(model,input_train,target_train,'_train',show=show))
    infos.update({'time_test':duration})
    if show:
        print_model_infos('Test ',PRINT_INFOS_ON_MODEL_TEST,infos)
        print_model_infos('Train ',PRINT_INFOS_ON_MODEL_TRAIN,infos)
    return  infos

def build_naivebayes_model_full(input,column_names,target,show=True):
    input_full = pandas.DataFrame()
    for column_name in column_names:
        input_full[column_name] = input[column_name]
    if show:
        print_info( 'Training on %dx%d' % (len(input_full),len(input_full.columns)))
    target_full = target
    model = MultinomialNB()
    start = time.time()
    model.fit(input_full,target_full)
    duration = time.time()-start
    infos = compute_metrics_model(model,input_full,target_full,'_full',show=show)
    infos.update({'time_full':duration})
    if show:
        print_model_infos('Full ',PRINT_INFOS_ON_MODEL_FULL,infos)
    return infos


def build_model(train_dataframe,column_names,target,show=True):
    infos = build_naivebayes_model_with_test(train_dataframe,column_names,target,show=show)
    infos.update(build_naivebayes_model_full(train_dataframe,column_names,target,show=show))
    infos.update(
        {
            'nb_features':len(column_names),
            'column_names':clean_combination_name(column_names),
            'columns': column_names
        })
    return infos

print_section('Quick check: Basic model using feature nb_words_question1')
build_model(train_dataframe,['nb_words_question1'],train_dataframe['is_duplicate'])
```

Training:323432 lines Test:80858 Nb Features: 1

```
Classification report on _test
              precision    recall  f1-score   support

           0       0.63      1.00      0.77     50803
           1       0.00      0.00      0.00     30055

    accuracy                           0.63     80858
   macro avg       0.31      0.50      0.39     80858
weighted avg       0.39      0.63      0.48     80858

Classification report on _train
              precision    recall  f1-score   support

           0       0.63      1.00      0.77    204224
           1       0.00      0.00      0.00    119208

    accuracy                           0.63    323432
   macro avg       0.32      0.50      0.39    323432
weighted avg       0.40      0.63      0.49    323432
```

Test 0.6283 | 0.6405 | 0.6599 | 0.0

Train 0.6314 | 0.6425 | 0.6582

Training on 404290x1

```
Classification report on _full
              precision    recall  f1-score   support

           0       0.63      1.00      0.77    255027
           1       0.00      0.00      0.00    149263

    accuracy                           0.63    404290
   macro avg       0.32      0.50      0.39    404290
weighted avg       0.40      0.63      0.49    404290
```

Full 0.6308 | 0.6421 | 0.6585 | 0.1

Out[21]:
```
{'accuracy_test': 0.6282989932968909,
 'score_test': 0.640531212735738,
 'logloss_proba_test': 0.6598757918253548,
 'model_test': MultinomialNB(),
 'accuracy_train': 0.631427935392911,
 'score_train': 0.6424864684567217,
 'logloss_proba_train': 0.6581913334694939,
 'model_train': MultinomialNB(),
 'time_test': 0.04104781150817871,
 'accuracy_full': 0.630802146973707,
 'score_full': 0.6420960175454294,
 'logloss_proba_full': 0.6585273839844356,
 'model_full': MultinomialNB(),
 'time_full': 0.05285835266113281,
 'nb_features': 1,
 'column_names': 'nb_words_question1',
 'columns': ['nb_words_question1']}
```

Build models (test & full) on all combinations of features

In [46]:
```
# bad design choice : a DataFrame can be more convenient than a dict
# But then, it is convenient to suppress all non numeric/string columns
def models_dict_to_df(models_dict):
    # reorder also the columns in a way I use more convenient
    return pandas.DataFrame.from_dict(models_dict, orient='index').reindex(columns=['logloss_proba_test'
,'logloss_proba_train','logloss_proba_full','nb_features','column_names','accuracy_test','accuracy_trai
n','accuracy_full','score_test','score_train','score_full','model_test','model_train','model_full','colu
mns','time_test','time_full'])

def build_model_on_all_subset_of_simple_features(dataframe,target):
    start = time.time()
    print_section('%s : Build all models (with test+full) on every combination of simple features - %d l
ines' % (EXPERIMENT,len(dataframe)))
    models_dict = dict()
    print_header_infos_model(PRINT_INFOS_ON_2_MODELS)
    all_combinations = list(all_subsets(all_numeric_columns(dataframe)))
    progress = tqdm(all_combinations)
    for c in progress:
        #if (len(c)) ==1:
        if (len(c)) >0:
            infos = build_model(dataframe,c,target,show=False)
            models_dict[clean_combination_name(c)] = infos
            print_info(format_model_infos('',PRINT_INFOS_ON_2_MODELS,infos))
            progress.refresh()
    print_done('Done',top=start)
    # Design mistake : need to convert dict to dataframe :(
    return models_dict_to_df(models_dict)


def FAKE_build_model_on_all_subset_of_simple_features(dataframe,target):
    start = time.time()
    print_section('%s : Build all models (with test+full) on every combination of simple features - %d r
ows' % (EXPERIMENT,len(dataframe)))
    models_dict = dict()
    print_header_infos_model(PRINT_INFOS_ON_2_MODELS)
    all_combinations = list(all_subsets(all_numeric_columns(dataframe)))
    progress = tqdm(all_combinations)
    for c in progress:
        if (len(c)) >0:
            infos = FAKE_build_model(dataframe,c,target,show=False)
            models_dict[clean_combination_name(c)] = infos
            print_info(format_model_infos('',PRINT_INFOS_ON_2_MODELS,infos))
            progress.refresh()
    print_done('Done',top=start)
    # Design mistake : need to convert dict to dataframe :(
    return models_dict_to_df(models_dict)

def graph_all_metric_all_models(results,y_label,metric_sort,metrics):
    palette = sns.color_palette()
    data = results.sort_values(metric_sort+'_test',ascending=(metric_sort!='logloss_proba'))
    #ax = plot
    # fig,ax = plot.subplots()
    x = numpy.arange(len(data))
    num_col=1
    if len(metrics)>1:
        kinds =['_test']
    else:
        kinds = ['_test','_train','_full']
    for k in kinds:
        for m in metrics:
                plot.plot(x,data[m+k],color = palette[num_col],label = m+k)
                num_col = num_col+1
    plot.ylabel(y_label)
    #plot.plot(x,data['nb_features'],color=palette[num_col])
    plot.plot(x,data['time_full'],color = palette[num_col+1],label = 'time_full')
    plot.title(EXPERIMENT+':'+ y_label,fontsize=8)
    #plot.xticks(x)
    #ax.set_xticklabels(labels)
    plot.legend()


def graph_all_metrics_all_models(results):
    for m in ['accuracy','score','logloss_proba']:
        yield
        graph_all_metric_all_models(results,m,m,[m])
    yield
    graph_all_metric_all_models(results,'all metrics','logloss_proba',['accuracy','score','logloss_prob
a'])

def graph_all_metrics_all_models_in_grid(results,nb_columns=2):
    multiplot_from_generator(graph_all_metrics_all_models(results), nb_columns)
```

If you want to quickly validate some code, activate this massive subsampling

Results will be useless but code coverage will be ok This is also the good place to rebalance training data (cf next experiments)

```
In [47]: # small_train_dataframe = train_dataframe.sample(20000)
         # small_models = build_model_on_all_subset_of_simple_features(small_train_dataframe,small_train_dataframe['is_duplicate'])
         # graph_all_metrics_all_models_in_grid(small_models,2)
```

Pouet : Build all models (with test+full) on every combination of simple features - 20000 lines

---

accuracy_test|score_test|logloss_proba_test|time_test|accuracy_train|score_train|logloss_proba_train|accuracy_full|score_full|logloss_proba_full|time

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6559 | 0.0 | 1 | nb_words_question1

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6559 | 0.0 | 1 | nb_words_question2

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6559 | 0.0 | 1 | nb_common_words

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6559 | 0.0 | 1 | nb_common_words/nb_words_question1

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6559 | 0.0 | 1 | nb_common_words/nb_words_question2

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6559 | 0.0 | 1 | nb_words_question1-common_words

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6559 | 0.0 | 1 | nb_words_question2-common_words

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6559 | 0.0 | 1 | nb_common_words/(nb_words_question1+nb_words_question2)

0.6400 | 0.6478 | 0.6524 | 0.0 | 0.6341 | 0.6441 | 0.6563 | 0.6351 | 0.6448 | 0.6556 | 0.0 | 2 | nb_words_question1+nb_words_question2

0.6595 | 0.7018 | 0.6066 | 0.0 | 0.6548 | 0.6977 | 0.6046 | 0.6558 | 0.6986 | 0.6048 | 0.0 | 2 | nb_words_question1+nb_common_words

0.6405 | 0.6481 | 0.6234 | 0.0 | 0.6345 | 0.6444 | 0.6264 | 0.6357 | 0.6451 | 0.6258 | 0.0 | 2 | nb_words_question1+nb_common_words/nb_words_question1

0.6405 | 0.6481 | 0.6213 | 0.0 | 0.6345 | 0.6444 | 0.6246 | 0.6357 | 0.6451 | 0.6239 | 0.0 | 2 | nb_words_question1+nb_common_words/nb_words_question2

0.6400 | 0.6777 | 0.6008 | 0.0 | 0.6328 | 0.6731 | 0.6019 | 0.6342 | 0.6740 | 0.6017 | 0.0 | 2 | nb_words_question1+nb_words_question1-common_words

0.6068 | 0.6556 | 0.6693 | 0.0 | 0.6029 | 0.6517 | 0.6689 | 0.6037 | 0.6525 | 0.6699 | 0.0 | 2 | nb_words_question1+nb_words_question2-common_words

0.6405 | 0.6481 | 0.6359 | 0.0 | 0.6345 | 0.6444 | 0.6391 | 0.6357 | 0.6451 | 0.6384 | 0.0 | 2 | nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question2)

0.6620 | 0.7040 | 0.6045 | 0.0 | 0.6639 | 0.7053 | 0.6022 | 0.6635 | 0.7051 | 0.6029 | 0.0 | 2 | nb_words_question2+nb_common_words

0.6405 | 0.6481 | 0.6189 | 0.0 | 0.6345 | 0.6444 | 0.6228 | 0.6357 | 0.6451 | 0.6219 | 0.0 | 2 | nb_words_question2+nb_common_words/nb_words_question1

0.6408 | 0.6484 | 0.6187 | 0.0 | 0.6345 | 0.6444 | 0.6227 | 0.6358 | 0.6452 | 0.6218 | 0.0 | 2 | nb_words_question2+nb_common_words/nb_words_question2

0.5850 | 0.6365 | 0.6738 | 0.0 | 0.5878 | 0.6390 | 0.6716 | 0.5877 | 0.6389 | 0.6708 | 0.0 | 2 | nb_words_question2+nb_words_question1-common_words

0.6348 | 0.6733 | 0.5991 | 0.0 | 0.6328 | 0.6732 | 0.5999 | 0.6332 | 0.6732 | 0.5999 | 0.0 | 2 | nb_words_question2+nb_words_question2-common_words

0.6405 | 0.6481 | 0.6338 | 0.0 | 0.6345 | 0.6444 | 0.6374 | 0.6357 | 0.6451 | 0.6366 | 0.0 | 2 | nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6405 | 0.6481 | 0.6521 | 0.0 | 0.6345 | 0.6444 | 0.6555 | 0.6357 | 0.6451 | 0.6548 | 0.0 | 2 | nb_common_words+nb_common_words/nb_words_question1

0.6405 | 0.6481 | 0.6518 | 0.0 | 0.6345 | 0.6444 | 0.6552 | 0.6357 | 0.6451 | 0.6545 | 0.0 | 2 | nb_common_words+nb_common_words/nb_words_question2

0.6643 | 0.7028 | 0.7700 | 0.0 | 0.6637 | 0.7013 | 0.7662 | 0.6638 | 0.7016 | 0.7661 | 0.0 | 2 | nb_common_words+nb_words_question1-common_words

0.6667 | 0.7043 | 0.7847 | 0.0 | 0.6702 | 0.7065 | 0.7739 | 0.6695 | 0.7060 | 0.7763 | 0.0 | 2 | nb_common_words+nb_words_question2-common_words

0.6405 | 0.6481 | 0.6524 | 0.0 | 0.6345 | 0.6444 | 0.6558 | 0.6357 | 0.6451 | 0.6551 | 0.0 | 2 | nb_common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6558 | 0.0 | 2 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6345 | 0.6719 | 0.5959 | 0.0 | 0.6329 | 0.6716 | 0.5983 | 0.6318 | 0.6692 | 0.5979 | 0.0 | 2 | nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6295 | 0.6660 | 0.5885 | 0.0 | 0.6310 | 0.6687 | 0.5917 | 0.6298 | 0.6671 | 0.5910 | 0.0 | 2 | nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6558 | 0.0 | 2 | nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question2)

0.6298 | 0.6659 | 0.5914 | 0.0 | 0.6298 | 0.6671 | 0.5942 | 0.6298 | 0.6669 | 0.5936 | 0.0 | 2 | nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6350 | 0.6753 | 0.5908 | 0.0 | 0.6296 | 0.6712 | 0.5941 | 0.6328 | 0.6736 | 0.5934 | 0.0 | 2 | nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6559 | 0.0 | 2 | nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6400 | 0.6478 | 0.6527 | 0.0 | 0.6344 | 0.6443 | 0.6566 | 0.6354 | 0.6450 | 0.6560 | 0.0 | 2 | nb_words_question1-common_words+nb_words_question2-common_words

0.6405 | 0.6481 | 0.6150 | 0.0 | 0.6345 | 0.6444 | 0.6178 | 0.6357 | 0.6451 | 0.6172 | 0.0 | 2 | nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6405 | 0.6481 | 0.6117 | 0.0 | 0.6345 | 0.6444 | 0.6152 | 0.6357 | 0.6451 | 0.6146 | 0.0 | 2 | nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6653 | 0.7068 | 0.6025 | 0.0 | 0.6633 | 0.7048 | 0.5999 | 0.6633 | 0.7048 | 0.6005 | 0.0 | 3 | nb_words_question1+nb_words_question2+nb_common_words

0.6405 | 0.6481 | 0.6190 | 0.0 | 0.6345 | 0.6444 | 0.6230 | 0.6357 | 0.6451 | 0.6222 | 0.0 | 3 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1

0.6410 | 0.6488 | 0.6190 | 0.0 | 0.6345 | 0.6445 | 0.6231 | 0.6358 | 0.6454 | 0.6223 | 0.0 | 3 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2

0.6290 | 0.6745 | 0.6285 | 0.0 | 0.6236 | 0.6700 | 0.6287 | 0.6253 | 0.6712 | 0.6274 | 0.0 | 3 | nb_words_question1+nb_words_question2+nb_words_question1-common_words

0.6230 | 0.6699 | 0.6422 | 0.0 | 0.6239 | 0.6706 | 0.6410 | 0.6232 | 0.6700 | 0.6424 | 0.0 | 3 | nb_words_question1+nb_words_question2+nb_words_question2-common_words

0.6405 | 0.6481 | 0.6339 | 0.0 | 0.6345 | 0.6444 | 0.6379 | 0.6357 | 0.6451 | 0.6371 | 0.0 | 3 | nb_words_question1+nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6573 | 0.6998 | 0.6068 | 0.0 | 0.6551 | 0.6978 | 0.6053 | 0.6555 | 0.6982 | 0.6053 | 0.0 | 3 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1

0.6605 | 0.7026 | 0.6030 | 0.0 | 0.6574 | 0.6995 | 0.6017 | 0.6582 | 0.7003 | 0.6017 | 0.0 | 3 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2

0.6643 | 0.7028 | 0.7700 | 0.0 | 0.6637 | 0.7013 | 0.7661 | 0.6639 | 0.7017 | 0.7661 | 0.0 | 3 | nb_words_question1+nb_common_words+nb_words_question1-common_words

0.6673 | 0.7048 | 0.7860 | 0.0 | 0.6692 | 0.7059 | 0.7751 | 0.6692 | 0.7059 | 0.7780 | 0.0 | 3 | nb_words_question1+nb_common_words+nb_words_question2-common_words

0.6587 | 0.7011 | 0.6055 | 0.0 | 0.6562 | 0.6987 | 0.6038 | 0.6573 | 0.6997 | 0.6039 | 0.0 | 3 | nb_words_question1+nb_common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6490 | 0.6709 | 0.6021 | 0.0 | 0.6423 | 0.6672 | 0.6053 | 0.6437 | 0.6679 | 0.6047 | 0.0 | 3 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6548 | 0.6976 | 0.5956 | 0.0 | 0.6496 | 0.6931 | 0.5968 | 0.6505 | 0.6939 | 0.5965 | 0.0 | 3 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6262 | 0.6714 | 0.6460 | 0.0 | 0.6288 | 0.6730 | 0.6442 | 0.6280 | 0.6724 | 0.6453 | 0.0 | 3 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6455 | 0.6556 | 0.6122 | 0.0 | 0.6374 | 0.6497 | 0.6152 | 0.6389 | 0.6507 | 0.6146 | 0.0 | 3 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question2)

0.6610 | 0.7030 | 0.5906 | 0.0 | 0.6517 | 0.6950 | 0.5921 | 0.6530 | 0.6961 | 0.5918 | 0.0 | 3 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6228 | 0.6680 | 0.6578 | 0.0 | 0.6246 | 0.6688 | 0.6559 | 0.6240 | 0.6684 | 0.6571 | 0.0 | 3 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6450 | 0.6555 | 0.6099 | 0.0 | 0.6371 | 0.6492 | 0.6131 | 0.6383 | 0.6497 | 0.6124 | 0.0 | 3 | nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6425 | 0.6869 | 0.6247 | 0.0 | 0.6467 | 0.6906 | 0.6235 | 0.6456 | 0.6897 | 0.6244 | 0.0 | 3 | nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6512 | 0.6932 | 0.5951 | 0.0 | 0.6464 | 0.6894 | 0.5962 | 0.6473 | 0.6902 | 0.5960 | 0.0 | 3 | nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6172 | 0.6644 | 0.6586 | 0.0 | 0.6158 | 0.6623 | 0.6574 | 0.6156 | 0.6623 | 0.6584 | 0.0 | 3 | nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6685 | 0.7093 | 0.6024 | 0.0 | 0.6657 | 0.7064 | 0.6003 | 0.6663 | 0.7070 | 0.6009 | 0.0 | 3 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1

0.6673 | 0.7082 | 0.6059 | 0.0 | 0.6656 | 0.7062 | 0.6038 | 0.6659 | 0.7066 | 0.6045 | 0.0 | 3 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2

0.6677 | 0.7059 | 0.7616 | 0.0 | 0.6664 | 0.7036 | 0.7576 | 0.6665 | 0.7039 | 0.7572 | 0.0 | 3 | nb_words_question2+nb_common_words+nb_words_question1-common_words

0.6665 | 0.7040 | 0.7846 | 0.0 | 0.6701 | 0.7064 | 0.7738 | 0.6694 | 0.7060 | 0.7763 | 0.0 | 3 | nb_words_question2+nb_common_words+nb_words_question2-common_words

0.6630 | 0.7047 | 0.6041 | 0.0 | 0.6635 | 0.7048 | 0.6019 | 0.6634 | 0.7049 | 0.6026 | 0.0 | 3 | nb_words_question2+nb_common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6472 | 0.6736 | 0.5971 | 0.0 | 0.6412 | 0.6701 | 0.6015 | 0.6424 | 0.6708 | 0.6004 | 0.0 | 3 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6145 | 0.6616 | 0.6514 | 0.0 | 0.6166 | 0.6632 | 0.6513 | 0.6166 | 0.6634 | 0.6499 | 0.0 | 3 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6530 | 0.6959 | 0.5898 | 0.0 | 0.6521 | 0.6954 | 0.5899 | 0.6531 | 0.6962 | 0.5898 | 0.0 | 3 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6460 | 0.6569 | 0.6064 | 0.0 | 0.6381 | 0.6509 | 0.6105 | 0.6392 | 0.6513 | 0.6095 | 0.0 | 3 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question2)

0.6210 | 0.6677 | 0.6390 | 0.0 | 0.6212 | 0.6677 | 0.6394 | 0.6218 | 0.6684 | 0.6380 | 0.0 | 3 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6515 | 0.6947 | 0.5939 | 0.0 | 0.6508 | 0.6942 | 0.5940 | 0.6509 | 0.6943 | 0.5939 | 0.0 | 3 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6478 | 0.6598 | 0.6067 | 0.0 | 0.6383 | 0.6518 | 0.6110 | 0.6401 | 0.6533 | 0.6100 | 0.0 | 3 | nb_words_question2+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6448 | 0.6886 | 0.6164 | 0.0 | 0.6444 | 0.6885 | 0.6168 | 0.6449 | 0.6887 | 0.6161 | 0.0 | 3 | nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6025 | 0.6519 | 0.6570 | 0.0 | 0.6040 | 0.6531 | 0.6560 | 0.6045 | 0.6536 | 0.6549 | 0.0 | 3 | nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6485 | 0.6910 | 0.5934 | 0.0 | 0.6489 | 0.6919 | 0.5938 | 0.6482 | 0.6912 | 0.5937 | 0.0 | 3 | nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6405 | 0.6481 | 0.6509 | 0.0 | 0.6345 | 0.6444 | 0.6544 | 0.6357 | 0.6451 | 0.6537 | 0.0 | 3 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6640 | 0.7019 | 0.7923 | 0.0 | 0.6651 | 0.7018 | 0.7892 | 0.6649 | 0.7018 | 0.7889 | 0.0 | 3 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6705 | 0.7074 | 0.8026 | 0.0 | 0.6711 | 0.7069 | 0.7919 | 0.6711 | 0.7071 | 0.7944 | 0.0 | 3 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6405 | 0.6481 | 0.6514 | 0.0 | 0.6345 | 0.6444 | 0.6549 | 0.6357 | 0.6451 | 0.6542 | 0.0 | 3 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question2)

0.6645 | 0.7019 | 0.7857 | 0.0 | 0.6671 | 0.7033 | 0.7828 | 0.6659 | 0.7027 | 0.7825 | 0.0 | 3 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6673 | 0.7047 | 0.8099 | 0.0 | 0.6702 | 0.7065 | 0.7993 | 0.6696 | 0.7061 | 0.8018 | 0.0 | 3 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6405 | 0.6481 | 0.6511 | 0.0 | 0.6345 | 0.6444 | 0.6547 | 0.6357 | 0.6451 | 0.6539 | 0.0 | 3 | nb_common_words+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6770 | 0.7136 | 0.8575 | 0.0 | 0.6739 | 0.7100 | 0.8492 | 0.6745 | 0.7107 | 0.8503 | 0.0 | 3 | nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words

0.6647 | 0.7030 | 0.7796 | 0.0 | 0.6649 | 0.7019 | 0.7762 | 0.6643 | 0.7019 | 0.7760 | 0.0 | 3 | nb_common_words+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6675 | 0.7050 | 0.7957 | 0.0 | 0.6700 | 0.7064 | 0.7849 | 0.6695 | 0.7061 | 0.7874 | 0.0 | 3 | nb_common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6620 | 0.7040 | 0.5812 | 0.0 | 0.6521 | 0.6953 | 0.5841 | 0.6538 | 0.6968 | 0.5835 | 0.0 | 3 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6587 | 0.7011 | 0.5792 | 0.0 | 0.6532 | 0.6961 | 0.5813 | 0.6540 | 0.6968 | 0.5809 | 0.0 | 3 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6405 | 0.6481 | 0.6532 | 0.0 | 0.6345 | 0.6444 | 0.6565 | 0.6357 | 0.6451 | 0.6558 | 0.0 | 3 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2

0.6318 | 0.6696 | 0.5870 | 0.0 | 0.6321 | 0.6711 | 0.5901 | 0.6328 | 0.6712 | 0.5895 | 0.0 | 3 | nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6468 | 0.6901 | 0.5861 | 0.0 | 0.6435 | 0.6874 | 0.5886 | 0.6436 | 0.6874 | 0.5881 | 0.0 | 3 | nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6472 | 0.6907 | 0.5784 | 0.0 | 0.6482 | 0.6917 | 0.5810 | 0.6478 | 0.6912 | 0.5805 | 0.0 | 3 | nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6328 | 0.6721 | 0.5875 | 0.0 | 0.6295 | 0.6701 | 0.5908 | 0.6299 | 0.6701 | 0.5903 | 0.0 | 3 | nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6475 | 0.6905 | 0.5810 | 0.0 | 0.6446 | 0.6882 | 0.5838 | 0.6442 | 0.6877 | 0.5833 | 0.0 | 3 | nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6448 | 0.6885 | 0.5822 | 0.0 | 0.6456 | 0.6895 | 0.5849 | 0.6453 | 0.6892 | 0.5843 | 0.0 | 3 | nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6405 | 0.6481 | 0.6117 | 0.0 | 0.6345 | 0.6444 | 0.6152 | 0.6357 | 0.6451 | 0.6146 | 0.0 | 3 | nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6667 | 0.7074 | 0.6037 | 0.0 | 0.6661 | 0.7064 | 0.6014 | 0.6660 | 0.7063 | 0.6019 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1

0.6670 | 0.7076 | 0.6043 | 0.0 | 0.6666 | 0.7067 | 0.6022 | 0.6664 | 0.7067 | 0.6027 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2

0.6677 | 0.7059 | 0.7606 | 0.0 | 0.6661 | 0.7033 | 0.7566 | 0.6664 | 0.7039 | 0.7560 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question1-common_words

0.6663 | 0.7040 | 0.7895 | 0.0 | 0.6688 | 0.7056 | 0.7783 | 0.6683 | 0.7051 | 0.7815 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question2-common_words

0.6660 | 0.7072 | 0.6030 | 0.0 | 0.6655 | 0.7063 | 0.6006 | 0.6656 | 0.7065 | 0.6012 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6498 | 0.6766 | 0.5961 | 0.0 | 0.6418 | 0.6710 | 0.6003 | 0.6433 | 0.6721 | 0.5994 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6412 | 0.6857 | 0.6210 | 0.0 | 0.6391 | 0.6837 | 0.6219 | 0.6407 | 0.6852 | 0.6204 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6390 | 0.6832 | 0.6304 | 0.0 | 0.6434 | 0.6866 | 0.6282 | 0.6423 | 0.6857 | 0.6295 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6460 | 0.6569 | 0.6062 | 0.0 | 0.6381 | 0.6509 | 0.6102 | 0.6392 | 0.6513 | 0.6094 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_questio

0.6538 | 0.6967 | 0.6127 | 0.0 | 0.6473 | 0.6909 | 0.6139 | 0.6461 | 0.6900 | 0.6125 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6335 | 0.6780 | 0.6400 | 0.0 | 0.6378 | 0.6813 | 0.6377 | 0.6365 | 0.6802 | 0.6392 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6468 | 0.6587 | 0.6064 | 0.0 | 0.6386 | 0.6524 | 0.6105 | 0.6401 | 0.6531 | 0.6097 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_questio

0.6605 | 0.7027 | 0.6212 | 0.0 | 0.6605 | 0.7026 | 0.6196 | 0.6606 | 0.7028 | 0.6199 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6398 | 0.6845 | 0.6210 | 0.0 | 0.6368 | 0.6820 | 0.6217 | 0.6378 | 0.6828 | 0.6203 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6308 | 0.6764 | 0.6373 | 0.0 | 0.6337 | 0.6785 | 0.6355 | 0.6321 | 0.6772 | 0.6369 | 0.0 | 4 | nb_words_question1+nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6630 | 0.7038 | 0.6052 | 0.0 | 0.6621 | 0.7024 | 0.6044 | 0.6612 | 0.7020 | 0.6042 | 0.0 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6637 | 0.7017 | 0.7932 | 0.0 | 0.6651 | 0.7018 | 0.7900 | 0.6648 | 0.7018 | 0.7897 | 0.0 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6715 | 0.7083 | 0.8000 | 0.0 | 0.6714 | 0.7073 | 0.7896 | 0.6714 | 0.7075 | 0.7923 | 0.0 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6597 | 0.7013 | 0.6069 | 0.0 | 0.6592 | 0.7005 | 0.6056 | 0.6579 | 0.6998 | 0.6056 | 0.0 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question

0.6650 | 0.7024 | 0.7863 | 0.0 | 0.6669 | 0.7031 | 0.7834 | 0.6665 | 0.7030 | 0.7831 | 0.0 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6695 | 0.7065 | 0.8071 | 0.0 | 0.6713 | 0.7071 | 0.7966 | 0.6707 | 0.7067 | 0.7995 | 0.0 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6625 | 0.7038 | 0.6031 | 0.0 | 0.6611 | 0.7021 | 0.6021 | 0.6606 | 0.7019 | 0.6020 | 0.0 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question

0.6765 | 0.7130 | 0.8854 | 0.0 | 0.6741 | 0.7099 | 0.8764 | 0.6744 | 0.7104 | 0.8780 | 0.0 | 4 | nb_words_question1+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words

0.6650 | 0.7030 | 0.7798 | 0.0 | 0.6648 | 0.7018 | 0.7764 | 0.6650 | 0.7023 | 0.7762 | 0.0 | 4 | nb_words_question1+nb_common_words+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6670 | 0.7047 | 0.7948 | 0.0 | 0.6701 | 0.7065 | 0.7841 | 0.6695 | 0.7061 | 0.7869 | 0.0 | 4 | nb_words_question1+nb_common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6630 | 0.7043 | 0.5975 | 0.0 | 0.6571 | 0.6989 | 0.5993 | 0.6581 | 0.6998 | 0.5989 | 0.0 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6395 | 0.6812 | 0.6474 | 0.0 | 0.6438 | 0.6844 | 0.6447 | 0.6425 | 0.6834 | 0.6460 | 0.0 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6475 | 0.6813 | 0.5952 | 0.0 | 0.6474 | 0.6826 | 0.5985 | 0.6476 | 0.6822 | 0.5978 | 0.0 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1

0.6637 | 0.7051 | 0.6199 | 0.0 | 0.6615 | 0.7026 | 0.6181 | 0.6617 | 0.7029 | 0.6189 | 0.0 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6580 | 0.7004 | 0.5968 | 0.0 | 0.6524 | 0.6953 | 0.5982 | 0.6539 | 0.6968 | 0.5979 | 0.0 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6305 | 0.6744 | 0.6426 | 0.0 | 0.6382 | 0.6806 | 0.6403 | 0.6365 | 0.6792 | 0.6414 | 0.0 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6558 | 0.6979 | 0.6272 | 0.0 | 0.6593 | 0.7004 | 0.6253 | 0.6585 | 0.6999 | 0.6262 | 0.0 | 4 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6650 | 0.7066 | 0.5917 | 0.0 | 0.6566 | 0.6992 | 0.5933 | 0.6584 | 0.7008 | 0.5930 | 0.0 | 4 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6275 | 0.6714 | 0.6541 | 0.0 | 0.6328 | 0.6753 | 0.6517 | 0.6316 | 0.6744 | 0.6529 | 0.0 | 4 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6570 | 0.6994 | 0.6219 | 0.0 | 0.6587 | 0.7005 | 0.6203 | 0.6583 | 0.7002 | 0.6212 | 0.0 | 4 | nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6693 | 0.7087 | 0.6060 | 0.0 | 0.6674 | 0.7065 | 0.6041 | 0.6679 | 0.7071 | 0.6048 | 0.0 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6665 | 0.7040 | 0.7809 | 0.0 | 0.6680 | 0.7044 | 0.7775 | 0.6677 | 0.7044 | 0.7769 | 0.0 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6710 | 0.7077 | 0.8033 | 0.0 | 0.6720 | 0.7075 | 0.7926 | 0.6722 | 0.7077 | 0.7951 | 0.0 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6680 | 0.7081 | 0.6032 | 0.0 | 0.6663 | 0.7061 | 0.6012 | 0.6666 | 0.7065 | 0.6019 | 0.0 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question

0.6690 | 0.7058 | 0.7753 | 0.0 | 0.6678 | 0.7039 | 0.7721 | 0.6679 | 0.7042 | 0.7716 | 0.0 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6733 | 0.7089 | 0.8110 | 0.0 | 0.6723 | 0.7069 | 0.8003 | 0.6725 | 0.7074 | 0.8029 | 0.0 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6670 | 0.7065 | 0.6069 | 0.0 | 0.6682 | 0.7070 | 0.6048 | 0.6680 | 0.7069 | 0.6055 | 0.0 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question

0.6757 | 0.7125 | 0.8777 | 0.0 | 0.6738 | 0.7098 | 0.8698 | 0.6743 | 0.7104 | 0.8705 | 0.0 | 4 | nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words

0.6663 | 0.7042 | 0.7698 | 0.0 | 0.6672 | 0.7039 | 0.7661 | 0.6673 | 0.7043 | 0.7656 | 0.0 | 4 | nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6670 | 0.7046 | 0.7960 | 0.0 | 0.6703 | 0.7067 | 0.7851 | 0.6694 | 0.7060 | 0.7876 | 0.0 | 4 | nb_words_question2+nb_common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6420 | 0.6844 | 0.6328 | 0.0 | 0.6391 | 0.6816 | 0.6347 | 0.6408 | 0.6832 | 0.6329 | 0.0 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6625 | 0.7038 | 0.5981 | 0.0 | 0.6597 | 0.7009 | 0.5975 | 0.6603 | 0.7015 | 0.5975 | 0.0 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6485 | 0.6853 | 0.5901 | 0.0 | 0.6475 | 0.6850 | 0.5945 | 0.6475 | 0.6849 | 0.5934 | 0.0 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1

0.6590 | 0.7011 | 0.6143 | 0.0 | 0.6536 | 0.6961 | 0.6146 | 0.6542 | 0.6968 | 0.6137 | 0.0 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6258 | 0.6710 | 0.6431 | 0.0 | 0.6271 | 0.6719 | 0.6440 | 0.6272 | 0.6721 | 0.6423 | 0.0 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6593 | 0.7016 | 0.5915 | 0.0 | 0.6569 | 0.6993 | 0.5912 | 0.6575 | 0.6999 | 0.5912 | 0.0 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6635 | 0.7052 | 0.6089 | 0.0 | 0.6593 | 0.7013 | 0.6094 | 0.6603 | 0.7022 | 0.6086 | 0.0 | 4 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6322 | 0.6768 | 0.6315 | 0.0 | 0.6311 | 0.6755 | 0.6327 | 0.6325 | 0.6770 | 0.6311 | 0.0 | 4 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6562 | 0.6989 | 0.5962 | 0.0 | 0.6568 | 0.6991 | 0.5959 | 0.6566 | 0.6990 | 0.5958 | 0.0 | 4 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6565 | 0.6992 | 0.6114 | 0.0 | 0.6521 | 0.6953 | 0.6118 | 0.6522 | 0.6954 | 0.6110 | 0.0 | 4 | nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6663 | 0.7023 | 0.8086 | 0.0 | 0.6692 | 0.7040 | 0.8063 | 0.6685 | 0.7037 | 0.8058 | 0.0 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6753 | 0.7101 | 0.8282 | 0.0 | 0.6743 | 0.7082 | 0.8177 | 0.6744 | 0.7085 | 0.8203 | 0.0 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6405 | 0.6481 | 0.6504 | 0.0 | 0.6345 | 0.6444 | 0.6540 | 0.6357 | 0.6451 | 0.6532 | 0.0 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1-

0.6760 | 0.7118 | 0.8955 | 0.0 | 0.6752 | 0.7100 | 0.8876 | 0.6754 | 0.7104 | 0.8887 | 0.0 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6645 | 0.7017 | 0.8023 | 0.0 | 0.6677 | 0.7034 | 0.7996 | 0.6666 | 0.7028 | 0.7992 | 0.0 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6713 | 0.7078 | 0.8140 | 0.0 | 0.6726 | 0.7078 | 0.8034 | 0.6733 | 0.7082 | 0.8059 | 0.0 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6773 | 0.7129 | 0.8967 | 0.0 | 0.6757 | 0.7106 | 0.8889 | 0.6760 | 0.7110 | 0.8901 | 0.0 | 4 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6647 | 0.7017 | 0.7959 | 0.0 | 0.6673 | 0.7029 | 0.7933 | 0.6660 | 0.7022 | 0.7929 | 0.0 | 4 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6760 | 0.7111 | 0.8213 | 0.0 | 0.6734 | 0.7076 | 0.8106 | 0.6740 | 0.7082 | 0.8133 | 0.0 | 4 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6765 | 0.7127 | 0.8771 | 0.0 | 0.6747 | 0.7102 | 0.8689 | 0.6752 | 0.7107 | 0.8701 | 0.0 | 4 | nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6617 | 0.7036 | 0.5731 | 0.0 | 0.6546 | 0.6973 | 0.5758 | 0.6550 | 0.6977 | 0.5753 | 0.0 | 4 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6627 | 0.7040 | 0.5853 | 0.0 | 0.6570 | 0.6989 | 0.5884 | 0.6580 | 0.6998 | 0.5878 | 0.0 | 4 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6650 | 0.7057 | 0.5850 | 0.0 | 0.6587 | 0.6999 | 0.5865 | 0.6599 | 0.7010 | 0.5862 | 0.0 | 4 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6488 | 0.6920 | 0.5752 | 0.0 | 0.6471 | 0.6907 | 0.5780 | 0.6472 | 0.6907 | 0.5774 | 0.0 | 4 | nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6438 | 0.6877 | 0.5760 | 0.0 | 0.6471 | 0.6908 | 0.5789 | 0.6466 | 0.6904 | 0.5784 | 0.0 | 4 | nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6680 | 0.7076 | 0.6084 | 0.0 | 0.6673 | 0.7061 | 0.6067 | 0.6673 | 0.7064 | 0.6071 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6663 | 0.7038 | 0.7813 | 0.0 | 0.6679 | 0.7042 | 0.7779 | 0.6677 | 0.7043 | 0.7772 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6703 | 0.7071 | 0.8048 | 0.0 | 0.6710 | 0.7068 | 0.7940 | 0.6713 | 0.7070 | 0.7971 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6697 | 0.7094 | 0.6059 | 0.0 | 0.6694 | 0.7084 | 0.6038 | 0.6673 | 0.7071 | 0.6043 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/(nb_words_questio

0.6687 | 0.7056 | 0.7757 | 0.0 | 0.6676 | 0.7037 | 0.7725 | 0.6687 | 0.7051 | 0.7718 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6705 | 0.7068 | 0.8126 | 0.0 | 0.6711 | 0.7064 | 0.8018 | 0.6719 | 0.7070 | 0.8050 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6670 | 0.7070 | 0.6066 | 0.0 | 0.6666 | 0.7061 | 0.6046 | 0.6665 | 0.7061 | 0.6051 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_common_words/(nb_words_questio

0.6770 | 0.7135 | 0.8909 | 0.0 | 0.6736 | 0.7094 | 0.8823 | 0.6742 | 0.7101 | 0.8836 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words

0.6665 | 0.7044 | 0.7695 | 0.0 | 0.6674 | 0.7041 | 0.7658 | 0.6674 | 0.7044 | 0.7652 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6673 | 0.7047 | 0.7991 | 0.0 | 0.6698 | 0.7061 | 0.7880 | 0.6691 | 0.7056 | 0.7912 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6567 | 0.6981 | 0.6156 | 0.0 | 0.6532 | 0.6947 | 0.6175 | 0.6542 | 0.6957 | 0.6159 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question
common_words

0.6475 | 0.6892 | 0.6374 | 0.0 | 0.6511 | 0.6918 | 0.6346 | 0.6502 | 0.6911 | 0.6360 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question
common_words

0.6488 | 0.6857 | 0.5881 | 0.0 | 0.6466 | 0.6842 | 0.5924 | 0.6472 | 0.6845 | 0.5915 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words

0.6687 | 0.7092 | 0.6313 | 0.0 | 0.6641 | 0.7046 | 0.6295 | 0.6647 | 0.7053 | 0.6296 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6460 | 0.6894 | 0.6192 | 0.0 | 0.6456 | 0.6887 | 0.6205 | 0.6468 | 0.6899 | 0.6190 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6432 | 0.6864 | 0.6306 | 0.0 | 0.6488 | 0.6906 | 0.6281 | 0.6471 | 0.6891 | 0.6294 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6697 | 0.7100 | 0.6332 | 0.0 | 0.6631 | 0.7037 | 0.6314 | 0.6645 | 0.7050 | 0.6317 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6510 | 0.6940 | 0.6112 | 0.0 | 0.6484 | 0.6915 | 0.6129 | 0.6495 | 0.6926 | 0.6113 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6382 | 0.6815 | 0.6402 | 0.0 | 0.6459 | 0.6876 | 0.6375 | 0.6440 | 0.6860 | 0.6390 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6685 | 0.7096 | 0.6256 | 0.0 | 0.6621 | 0.7036 | 0.6238 | 0.6634 | 0.7048 | 0.6241 | 0.0 | 5 | nb_words_question1+nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6665 | 0.7021 | 0.8112 | 0.0 | 0.6687 | 0.7032 | 0.8089 | 0.6681 | 0.7031 | 0.8083 | 0.0 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1
common_words

0.6730 | 0.7087 | 0.8230 | 0.0 | 0.6743 | 0.7087 | 0.8130 | 0.6741 | 0.7087 | 0.8158 | 0.0 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2
common_words

0.6617 | 0.7023 | 0.6063 | 0.0 | 0.6624 | 0.7023 | 0.6057 | 0.6619 | 0.7022 | 0.6055 | 0.0 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/

0.6773 | 0.7129 | 0.9168 | 0.0 | 0.6754 | 0.7103 | 0.9083 | 0.6760 | 0.7109 | 0.9098 | 0.0 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6653 | 0.7021 | 0.8040 | 0.0 | 0.6686 | 0.7040 | 0.8013 | 0.6674 | 0.7034 | 0.8008 | 0.0 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6720 | 0.7083 | 0.8101 | 0.0 | 0.6740 | 0.7090 | 0.7998 | 0.6736 | 0.7089 | 0.8026 | 0.0 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6753 | 0.7112 | 0.9192 | 0.0 | 0.6754 | 0.7103 | 0.9107 | 0.6755 | 0.7106 | 0.9123 | 0.0 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6643 | 0.7013 | 0.7973 | 0.0 | 0.6672 | 0.7028 | 0.7947 | 0.6666 | 0.7026 | 0.7942 | 0.0 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6725 | 0.7084 | 0.8170 | 0.0 | 0.6735 | 0.7082 | 0.8067 | 0.6744 | 0.7090 | 0.8095 | 0.0 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6747 | 0.7111 | 0.9019 | 0.0 | 0.6745 | 0.7098 | 0.8931 | 0.6745 | 0.7100 | 0.8947 | 0.0 | 5 | nb_words_question1+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6717 | 0.7105 | 0.6373 | 0.0 | 0.6651 | 0.7042 | 0.6353 | 0.6666 | 0.7056 | 0.6360 | 0.0 | 5 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6660 | 0.7062 | 0.6035 | 0.0 | 0.6597 | 0.7004 | 0.6056 | 0.6609 | 0.7015 | 0.6051 | 0.0 | 5 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6455 | 0.6861 | 0.6495 | 0.0 | 0.6472 | 0.6871 | 0.6464 | 0.6466 | 0.6866 | 0.6477 | 0.0 | 5 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6705 | 0.7104 | 0.6258 | 0.0 | 0.6626 | 0.7030 | 0.6238 | 0.6643 | 0.7046 | 0.6246 | 0.0 | 5 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6665 | 0.7065 | 0.6326 | 0.0 | 0.6649 | 0.7046 | 0.6305 | 0.6652 | 0.7049 | 0.6314 | 0.0 | 5 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6710 | 0.7070 | 0.7968 | 0.0 | 0.6688 | 0.7043 | 0.7942 | 0.6691 | 0.7048 | 0.7936 | 0.0 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1
common_words

0.6767 | 0.7111 | 0.8312 | 0.0 | 0.6737 | 0.7073 | 0.8207 | 0.6744 | 0.7081 | 0.8234 | 0.0 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2
common_words

0.6697 | 0.7089 | 0.6078 | 0.0 | 0.6677 | 0.7067 | 0.6060 | 0.6682 | 0.7071 | 0.6067 | 0.0 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/

0.6760 | 0.7118 | 0.9109 | 0.0 | 0.6742 | 0.7091 | 0.9033 | 0.6745 | 0.7097 | 0.9040 | 0.0 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6663 | 0.7033 | 0.7903 | 0.0 | 0.6686 | 0.7043 | 0.7873 | 0.6682 | 0.7041 | 0.7866 | 0.0 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6723 | 0.7082 | 0.8156 | 0.0 | 0.6736 | 0.7084 | 0.8050 | 0.6733 | 0.7083 | 0.8075 | 0.0 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6760 | 0.7118 | 0.9111 | 0.0 | 0.6759 | 0.7107 | 0.9036 | 0.6758 | 0.7109 | 0.9044 | 0.0 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6700 | 0.7066 | 0.7850 | 0.0 | 0.6682 | 0.7042 | 0.7821 | 0.6686 | 0.7048 | 0.7815 | 0.0 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6747 | 0.7096 | 0.8233 | 0.0 | 0.6739 | 0.7077 | 0.8126 | 0.6738 | 0.7076 | 0.8153 | 0.0 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6757 | 0.7120 | 0.8945 | 0.0 | 0.6741 | 0.7096 | 0.8868 | 0.6745 | 0.7101 | 0.8875 | 0.0 | 5 | nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6637 | 0.7040 | 0.6239 | 0.0 | 0.6630 | 0.7027 | 0.6244 | 0.6633 | 0.7031 | 0.6235 | 0.0 | 5 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6488 | 0.6899 | 0.6318 | 0.0 | 0.6441 | 0.6856 | 0.6344 | 0.6462 | 0.6876 | 0.6324 | 0.0 | 5 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6703 | 0.7099 | 0.6054 | 0.0 | 0.6636 | 0.7035 | 0.6045 | 0.6648 | 0.7048 | 0.6046 | 0.0 | 5 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6620 | 0.7032 | 0.6186 | 0.0 | 0.6603 | 0.7012 | 0.6189 | 0.6607 | 0.7017 | 0.6180 | 0.0 | 5 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6627 | 0.7038 | 0.6141 | 0.0 | 0.6618 | 0.7026 | 0.6146 | 0.6618 | 0.7027 | 0.6137 | 0.0 | 5 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6770 | 0.7124 | 0.9357 | 0.0 | 0.6746 | 0.7093 | 0.9283 | 0.6752 | 0.7100 | 0.9294 | 0.0 | 5 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6663 | 0.7016 | 0.8189 | 0.0 | 0.6689 | 0.7031 | 0.8170 | 0.6685 | 0.7031 | 0.8163 | 0.0 | 5 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6773 | 0.7113 | 0.8397 | 0.0 | 0.6739 | 0.7073 | 0.8292 | 0.6746 | 0.7080 | 0.8319 | 0.0 | 5 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6765 | 0.7121 | 0.9158 | 0.0 | 0.6743 | 0.7091 | 0.9081 | 0.6750 | 0.7099 | 0.9092 | 0.0 | 5 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6770 | 0.7124 | 0.9171 | 0.0 | 0.6749 | 0.7096 | 0.9094 | 0.6754 | 0.7102 | 0.9106 | 0.0 | 5 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6693 | 0.7095 | 0.5792 | 0.0 | 0.6579 | 0.6992 | 0.5816 | 0.6603 | 0.7013 | 0.5811 | 0.0 | 5 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6707 | 0.7066 | 0.7987 | 0.0 | 0.6696 | 0.7048 | 0.7961 | 0.6691 | 0.7047 | 0.7953 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2
common_words

0.6765 | 0.7109 | 0.8301 | 0.0 | 0.6739 | 0.7076 | 0.8197 | 0.6744 | 0.7082 | 0.8228 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2
common_words

0.6695 | 0.7086 | 0.6121 | 0.0 | 0.6679 | 0.7063 | 0.6105 | 0.6683 | 0.7069 | 0.6109 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6757 | 0.7114 | 0.9211 | 0.0 | 0.6756 | 0.7103 | 0.9129 | 0.6757 | 0.7106 | 0.9141 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6657 | 0.7028 | 0.7915 | 0.0 | 0.6685 | 0.7042 | 0.7885 | 0.6681 | 0.7040 | 0.7876 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6723 | 0.7082 | 0.8158 | 0.0 | 0.6736 | 0.7083 | 0.8051 | 0.6733 | 0.7082 | 0.8082 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6757 | 0.7118 | 0.9228 | 0.0 | 0.6752 | 0.7102 | 0.9146 | 0.6753 | 0.7105 | 0.9159 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6707 | 0.7070 | 0.7861 | 0.0 | 0.6689 | 0.7045 | 0.7832 | 0.6684 | 0.7046 | 0.7824 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6745 | 0.7094 | 0.8235 | 0.0 | 0.6740 | 0.7078 | 0.8127 | 0.6735 | 0.7073 | 0.8159 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6763 | 0.7124 | 0.9067 | 0.0 | 0.6741 | 0.7095 | 0.8982 | 0.6745 | 0.7101 | 0.8994 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6687 | 0.7082 | 0.6518 | 0.0 | 0.6656 | 0.7047 | 0.6501 | 0.6666 | 0.7057 | 0.6502 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question
common_words+nb_words_question2-common_words

0.6593 | 0.7000 | 0.6187 | 0.0 | 0.6567 | 0.6973 | 0.6208 | 0.6576 | 0.6984 | 0.6192 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question
common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6585 | 0.6979 | 0.6417 | 0.0 | 0.6561 | 0.6951 | 0.6387 | 0.6561 | 0.6951 | 0.6401 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question
common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6680 | 0.7080 | 0.6406 | 0.0 | 0.6646 | 0.7043 | 0.6387 | 0.6653 | 0.7051 | 0.6388 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6715 | 0.7109 | 0.6425 | 0.0 | 0.6641 | 0.7038 | 0.6407 | 0.6659 | 0.7055 | 0.6410 | 0.0 | 6 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6770 | 0.7121 | 0.9521 | 0.0 | 0.6746 | 0.7089 | 0.9441 | 0.6752 | 0.7096 | 0.9456 | 0.0 | 6 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1
common_words+nb_words_question2-common_words

0.6653 | 0.7004 | 0.8228 | 0.0 | 0.6684 | 0.7024 | 0.8208 | 0.6677 | 0.7023 | 0.8202 | 0.0 | 6 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1
common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6753 | 0.7102 | 0.8338 | 0.0 | 0.6747 | 0.7086 | 0.8241 | 0.6750 | 0.7090 | 0.8268 | 0.0 | 6 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2
common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6765 | 0.7118 | 0.9344 | 0.0 | 0.6753 | 0.7097 | 0.9261 | 0.6755 | 0.7101 | 0.9275 | 0.0 | 6 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6767 | 0.7121 | 0.9366 | 0.0 | 0.6755 | 0.7101 | 0.9284 | 0.6758 | 0.7105 | 0.9299 | 0.0 | 6 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6720 | 0.7103 | 0.6490 | 0.0 | 0.6663 | 0.7046 | 0.6469 | 0.6679 | 0.7061 | 0.6476 | 0.0 | 6 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6767 | 0.7123 | 0.9459 | 0.0 | 0.6742 | 0.7091 | 0.9387 | 0.6748 | 0.7098 | 0.9395 | 0.0 | 6 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1
common_words+nb_words_question2-common_words

0.6727 | 0.7081 | 0.8074 | 0.0 | 0.6696 | 0.7044 | 0.8051 | 0.6704 | 0.7053 | 0.8044 | 0.0 | 6 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1
common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6773 | 0.7112 | 0.8442 | 0.0 | 0.6736 | 0.7068 | 0.8337 | 0.6744 | 0.7077 | 0.8365 | 0.0 | 6 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2
common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6757 | 0.7113 | 0.9287 | 0.0 | 0.6739 | 0.7087 | 0.9213 | 0.6744 | 0.7094 | 0.9220 | 0.0 | 6 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6763 | 0.7117 | 0.9291 | 0.0 | 0.6748 | 0.7095 | 0.9217 | 0.6752 | 0.7100 | 0.9225 | 0.0 | 6 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6665 | 0.7059 | 0.6354 | 0.0 | 0.6640 | 0.7030 | 0.6359 | 0.6645 | 0.7037 | 0.6350 | 0.0 | 6 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6773 | 0.7124 | 0.9564 | 0.0 | 0.6750 | 0.7094 | 0.9491 | 0.6754 | 0.7100 | 0.9502 | 0.0 | 6 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-

nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-
common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6767 | 0.7120 | 0.9546 | 0.0 | 0.6752 | 0.7097 | 0.9469 | 0.6756 | 0.7101 | 0.9481 | 0.0 | 7 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2
common_words+nb_words_question2-common_words

0.6710 | 0.7065 | 0.8101 | 0.0 | 0.6693 | 0.7041 | 0.8078 | 0.6697 | 0.7047 | 0.8069 | 0.0 | 7 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2
common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6767 | 0.7109 | 0.8420 | 0.0 | 0.6739 | 0.7074 | 0.8317 | 0.6746 | 0.7082 | 0.8348 | 0.0 | 7 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2
common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6775 | 0.7128 | 0.9379 | 0.0 | 0.6746 | 0.7092 | 0.9298 | 0.6752 | 0.7099 | 0.9310 | 0.0 | 7 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-
common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6777 | 0.7131 | 0.9396 | 0.0 | 0.6753 | 0.7099 | 0.9316 | 0.6759 | 0.7106 | 0.9328 | 0.0 | 7 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-
common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6730 | 0.7113 | 0.6648 | 0.0 | 0.6676 | 0.7057 | 0.6631 | 0.6690 | 0.7070 | 0.6632 | 0.0 | 7 |
nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question
common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6773 | 0.7123 | 0.9703 | 0.0 | 0.6748 | 0.7091 | 0.9625 | 0.6752 | 0.7097 | 0.9639 | 0.0 | 7 |
nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1
common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6767 | 0.7124 | 0.9645 | 0.0 | 0.6745 | 0.7093 | 0.9575 | 0.6749 | 0.7099 | 0.9582 | 0.0 | 7 |
nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1
common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6773 | 0.7123 | 0.9722 | 0.0 | 0.6749 | 0.7092 | 0.9646 | 0.6755 | 0.7100 | 0.9657 | 0.0 | 8 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2
common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

Done in 30.6 s

The big loop

In [26]:

```
# build ALL models
# Do not forget to keep the result !
# it's a dataframe with all infos on all models

# Use this line to mock up the loop
#FAKE_build_model_on_all_subset_of_simple_features(train_dataframe,train_dataframe['is_duplicate'])

model_results = build_model_on_all_subset_of_simple_features(train_dataframe,train_dataframe['is_duplica
te'])
```

Pouet : Build all models (with test+full) on every combination of simple features

---

accuracy_test|score_test|logloss_proba_test|time_test|accuracy_train|score_train|logloss_proba_train|accuracy_full|score_full|logloss_proba_full|time

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.0 | 1 | nb_words_question1

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.0 | 1 | nb_words_question2

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.0 | 1 | nb_common_words

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.0 | 1 | nb_common_words/nb_words_question1

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.0 | 1 | nb_common_words/nb_words_question2

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.0 | 1 | nb_words_question1-common_words

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.0 | 1 | nb_words_question2-common_words

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.1 | 1 | nb_common_words/(nb_words_question1+nb_words_question2)

0.6277 | 0.6402 | 0.6600 | 0.0 | 0.6310 | 0.6422 | 0.6580 | 0.6304 | 0.6418 | 0.6583 | 0.1 | 2 | nb_words_question1+nb_words_question2

0.6549 | 0.6977 | 0.6069 | 0.0 | 0.6564 | 0.6990 | 0.6063 | 0.6561 | 0.6988 | 0.6064 | 0.1 | 2 | nb_words_question1+nb_common_words

0.6283 | 0.6405 | 0.6294 | 0.1 | 0.6314 | 0.6425 | 0.6279 | 0.6308 | 0.6421 | 0.6282 | 0.1 | 2 | nb_words_question1+nb_common_words/nb_words_question1

0.6283 | 0.6405 | 0.6282 | 0.0 | 0.6314 | 0.6425 | 0.6266 | 0.6308 | 0.6421 | 0.6269 | 0.1 | 2 | nb_words_question1+nb_common_words/nb_words_question2

0.6313 | 0.6724 | 0.6054 | 0.0 | 0.6328 | 0.6733 | 0.6041 | 0.6335 | 0.6750 | 0.6043 | 0.1 | 2 | nb_words_question1+nb_words_question1-common_words

0.5986 | 0.6477 | 0.6778 | 0.0 | 0.6009 | 0.6499 | 0.6733 | 0.6004 | 0.6494 | 0.6737 | 0.1 | 2 | nb_words_question1+nb_words_question2-common_words

0.6283 | 0.6405 | 0.6425 | 0.0 | 0.6314 | 0.6425 | 0.6409 | 0.6308 | 0.6421 | 0.6412 | 0.1 | 2 | nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question2)

0.6597 | 0.7015 | 0.6093 | 0.0 | 0.6606 | 0.7023 | 0.6070 | 0.6604 | 0.7022 | 0.6074 | 0.1 | 2 | nb_words_question2+nb_common_words

0.6283 | 0.6405 | 0.6262 | 0.0 | 0.6314 | 0.6425 | 0.6243 | 0.6308 | 0.6421 | 0.6247 | 0.1 | 2 | nb_words_question2+nb_common_words/nb_words_question1

0.6285 | 0.6410 | 0.6269 | 0.0 | 0.6317 | 0.6430 | 0.6248 | 0.6310 | 0.6426 | 0.6253 | 0.1 | 2 | nb_words_question2+nb_common_words/nb_words_question2

0.5924 | 0.6431 | 0.6699 | 0.0 | 0.5924 | 0.6431 | 0.6705 | 0.5924 | 0.6431 | 0.6709 | 0.1 | 2 | nb_words_question2+nb_words_question1-common_words

0.6318 | 0.6738 | 0.6047 | 0.0 | 0.6345 | 0.6759 | 0.6025 | 0.6340 | 0.6754 | 0.6029 | 0.1 | 2 | nb_words_question2+nb_words_question2-common_words

0.6283 | 0.6405 | 0.6410 | 0.0 | 0.6314 | 0.6425 | 0.6392 | 0.6308 | 0.6421 | 0.6396 | 0.1 | 2 | nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6283 | 0.6405 | 0.6588 | 0.0 | 0.6314 | 0.6425 | 0.6571 | 0.6308 | 0.6421 | 0.6574 | 0.1 | 2 | nb_common_words+nb_common_words/nb_words_question1

0.6283 | 0.6405 | 0.6586 | 0.0 | 0.6314 | 0.6425 | 0.6569 | 0.6308 | 0.6421 | 0.6573 | 0.1 | 2 | nb_common_words+nb_common_words/nb_words_question2

0.6633 | 0.7003 | 0.7654 | 0.0 | 0.6644 | 0.7014 | 0.7653 | 0.6641 | 0.7012 | 0.7658 | 0.1 | 2 | nb_common_words+nb_words_question1-common_words

0.6659 | 0.7017 | 0.7853 | 0.0 | 0.6675 | 0.7034 | 0.7819 | 0.6672 | 0.7031 | 0.7820 | 0.1 | 2 | nb_common_words+nb_words_question2-common_words

0.6283 | 0.6405 | 0.6591 | 0.0 | 0.6314 | 0.6425 | 0.6574 | 0.6308 | 0.6421 | 0.6578 | 0.1 | 2 | nb_common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.1 | 2 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6285 | 0.6691 | 0.6011 | 0.0 | 0.6310 | 0.6708 | 0.5998 | 0.6305 | 0.6705 | 0.6000 | 0.1 | 2 | nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6279 | 0.6687 | 0.5958 | 0.0 | 0.6295 | 0.6699 | 0.5936 | 0.6292 | 0.6697 | 0.5941 | 0.1 | 2 | nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.1 | 2 | nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question2)

0.6272 | 0.6663 | 0.5977 | 0.0 | 0.6285 | 0.6671 | 0.5963 | 0.6283 | 0.6670 | 0.5965 | 0.1 | 2 | nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6285 | 0.6712 | 0.5992 | 0.0 | 0.6306 | 0.6730 | 0.5970 | 0.6304 | 0.6728 | 0.5974 | 0.1 | 2 | nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.1 | 2 | nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6281 | 0.6404 | 0.6602 | 0.0 | 0.6312 | 0.6424 | 0.6583 | 0.6307 | 0.6420 | 0.6586 | 0.1 | 2 | nb_words_question1-common_words+nb_words_question2-common_words

0.6283 | 0.6405 | 0.6211 | 0.0 | 0.6314 | 0.6425 | 0.6196 | 0.6308 | 0.6421 | 0.6198 | 0.1 | 2 | nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6283 | 0.6405 | 0.6192 | 0.0 | 0.6314 | 0.6425 | 0.6172 | 0.6308 | 0.6421 | 0.6176 | 0.1 | 2 | nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6626 | 0.7039 | 0.6051 | 0.0 | 0.6626 | 0.7041 | 0.6035 | 0.6626 | 0.7040 | 0.6038 | 0.1 | 3 | nb_words_question1+nb_words_question2+nb_common_words

0.6283 | 0.6405 | 0.6265 | 0.0 | 0.6314 | 0.6425 | 0.6245 | 0.6308 | 0.6421 | 0.6249 | 0.1 | 3 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1

0.6285 | 0.6411 | 0.6274 | 0.0 | 0.6317 | 0.6431 | 0.6253 | 0.6310 | 0.6427 | 0.6256 | 0.1 | 3 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2

0.6257 | 0.6720 | 0.6294 | 0.0 | 0.6268 | 0.6729 | 0.6290 | 0.6262 | 0.6725 | 0.6297 | 0.1 | 3 | nb_words_question1+nb_words_question2+nb_words_question1-common_words

0.6209 | 0.6678 | 0.6494 | 0.0 | 0.6229 | 0.6696 | 0.6457 | 0.6227 | 0.6694 | 0.6457 | 0.1 | 3 | nb_words_question1+nb_words_question2+nb_words_question2-common_words

0.6283 | 0.6405 | 0.6417 | 0.0 | 0.6314 | 0.6425 | 0.6397 | 0.6308 | 0.6421 | 0.6400 | 0.1 | 3 | nb_words_question1+nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6564 | 0.6987 | 0.6071 | 0.0 | 0.6586 | 0.7007 | 0.6066 | 0.6582 | 0.7003 | 0.6067 | 0.1 | 3 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1

0.6589 | 0.7006 | 0.6037 | 0.0 | 0.6602 | 0.7019 | 0.6032 | 0.6602 | 0.7018 | 0.6034 | 0.1 | 3 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2

0.6633 | 0.7002 | 0.7654 | 0.0 | 0.6644 | 0.7014 | 0.7652 | 0.6641 | 0.7012 | 0.7658 | 0.1 | 3 | nb_words_question1+nb_common_words+nb_words_question1-common_words

0.6658 | 0.7017 | 0.7870 | 0.0 | 0.6674 | 0.7033 | 0.7836 | 0.6671 | 0.7030 | 0.7834 | 0.1 | 3 | nb_words_question1+nb_common_words+nb_words_question2-common_words

0.6576 | 0.6997 | 0.6059 | 0.0 | 0.6593 | 0.7013 | 0.6053 | 0.6590 | 0.7010 | 0.6055 | 0.1 | 3 | nb_words_question1+nb_common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6371 | 0.6651 | 0.6086 | 0.0 | 0.6398 | 0.6671 | 0.6072 | 0.6398 | 0.6678 | 0.6074 | 0.1 | 3 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6508 | 0.6942 | 0.5998 | 0.0 | 0.6525 | 0.6957 | 0.5987 | 0.6521 | 0.6954 | 0.5989 | 0.1 | 3 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6235 | 0.6675 | 0.6537 | 0.0 | 0.6250 | 0.6691 | 0.6495 | 0.6248 | 0.6688 | 0.6498 | 0.1 | 3 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6318 | 0.6466 | 0.6182 | 0.0 | 0.6358 | 0.6495 | 0.6168 | 0.6350 | 0.6490 | 0.6171 | 0.1 | 3 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question2)

0.6512 | 0.6946 | 0.5956 | 0.0 | 0.6522 | 0.6954 | 0.5944 | 0.6521 | 0.6954 | 0.5946 | 0.1 | 3 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6200 | 0.6639 | 0.6664 | 0.0 | 0.6218 | 0.6656 | 0.6621 | 0.6214 | 0.6653 | 0.6623 | 0.1 | 3 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6320 | 0.6467 | 0.6168 | 0.0 | 0.6354 | 0.6489 | 0.6152 | 0.6349 | 0.6488 | 0.6155 | 0.1 | 3 | nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6426 | 0.6869 | 0.6323 | 0.0 | 0.6438 | 0.6880 | 0.6292 | 0.6437 | 0.6880 | 0.6292 | 0.1 | 3 | nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6458 | 0.6893 | 0.5996 | 0.0 | 0.6471 | 0.6904 | 0.5984 | 0.6470 | 0.6903 | 0.5986 | 0.1 | 3 | nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6117 | 0.6580 | 0.6669 | 0.0 | 0.6142 | 0.6604 | 0.6625 | 0.6137 | 0.6599 | 0.6628 | 0.1 | 3 | nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6618 | 0.7026 | 0.6075 | 0.0 | 0.6634 | 0.7042 | 0.6052 | 0.6631 | 0.7039 | 0.6056 | 0.1 | 3 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1

0.6634 | 0.7030 | 0.6115 | 0.0 | 0.6658 | 0.7053 | 0.6092 | 0.6653 | 0.7048 | 0.6095 | 0.1 | 3 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2

0.6667 | 0.7033 | 0.7575 | 0.0 | 0.6671 | 0.7039 | 0.7571 | 0.6670 | 0.7037 | 0.7579 | 0.1 | 3 | nb_words_question2+nb_common_words+nb_words_question1-common_words

0.6658 | 0.7017 | 0.7852 | 0.0 | 0.6675 | 0.7034 | 0.7818 | 0.6672 | 0.7031 | 0.7819 | 0.1 | 3 | nb_words_question2+nb_common_words+nb_words_question2-common_words

0.6597 | 0.7012 | 0.6092 | 0.0 | 0.6608 | 0.7022 | 0.6069 | 0.6606 | 0.7020 | 0.6072 | 0.1 | 3 | nb_words_question2+nb_common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6390 | 0.6703 | 0.6058 | 0.0 | 0.6408 | 0.6716 | 0.6036 | 0.6395 | 0.6709 | 0.6041 | 0.1 | 3 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6196 | 0.6654 | 0.6494 | 0.0 | 0.6213 | 0.6671 | 0.6498 | 0.6205 | 0.6662 | 0.6504 | 0.1 | 3 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6508 | 0.6942 | 0.5955 | 0.0 | 0.6524 | 0.6956 | 0.5931 | 0.6523 | 0.6955 | 0.5936 | 0.1 | 3 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6327 | 0.6478 | 0.6142 | 0.0 | 0.6366 | 0.6507 | 0.6122 | 0.6362 | 0.6517 | 0.6127 | 0.1 | 3 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question2)

0.6246 | 0.6704 | 0.6381 | 0.0 | 0.6257 | 0.6715 | 0.6384 | 0.6252 | 0.6709 | 0.6390 | 0.1 | 3 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6516 | 0.6946 | 0.6003 | 0.0 | 0.6530 | 0.6959 | 0.5979 | 0.6527 | 0.6957 | 0.5983 | 0.1 | 3 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6349 | 0.6523 | 0.6154 | 0.0 | 0.6377 | 0.6539 | 0.6133 | 0.6372 | 0.6536 | 0.6138 | 0.1 | 3 | nb_words_question2+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6425 | 0.6869 | 0.6185 | 0.0 | 0.6444 | 0.6885 | 0.6174 | 0.6442 | 0.6884 | 0.6181 | 0.1 | 3 | nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6071 | 0.6557 | 0.6544 | 0.0 | 0.6088 | 0.6573 | 0.6548 | 0.6083 | 0.6568 | 0.6554 | 0.1 | 3 | nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6464 | 0.6901 | 0.5992 | 0.0 | 0.6477 | 0.6912 | 0.5969 | 0.6477 | 0.6911 | 0.5973 | 0.1 | 3 | nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6283 | 0.6405 | 0.6578 | 0.0 | 0.6314 | 0.6425 | 0.6561 | 0.6308 | 0.6421 | 0.6564 | 0.1 | 3 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6634 | 0.7004 | 0.7879 | 0.1 | 0.6644 | 0.7015 | 0.7880 | 0.6642 | 0.7013 | 0.7886 | 0.1 | 3 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6682 | 0.7031 | 0.8038 | 0.0 | 0.6697 | 0.7047 | 0.8004 | 0.6694 | 0.7044 | 0.8004 | 0.1 | 3 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6283 | 0.6405 | 0.6582 | 0.0 | 0.6314 | 0.6425 | 0.6565 | 0.6308 | 0.6421 | 0.6568 | 0.1 | 3 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question2)

0.6654 | 0.7014 | 0.7817 | 0.0 | 0.6662 | 0.7024 | 0.7816 | 0.6660 | 0.7022 | 0.7822 | 0.1 | 3 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6673 | 0.7016 | 0.8116 | 0.1 | 0.6690 | 0.7032 | 0.8082 | 0.6687 | 0.7029 | 0.8082 | 0.1 | 3 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6283 | 0.6405 | 0.6581 | 0.0 | 0.6314 | 0.6425 | 0.6563 | 0.6308 | 0.6421 | 0.6567 | 0.1 | 3 | nb_common_words+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2)

0.6734 | 0.7086 | 0.8548 | 0.0 | 0.6735 | 0.7090 | 0.8527 | 0.6734 | 0.7089 | 0.8531 | 0.1 | 3 | nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words

0.6640 | 0.7008 | 0.7752 | 0.0 | 0.6648 | 0.7018 | 0.7751 | 0.6646 | 0.7015 | 0.7757 | 0.1 | 3 | nb_common_words+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6662 | 0.7021 | 0.7966 | 0.0 | 0.6679 | 0.7038 | 0.7932 | 0.6676 | 0.7035 | 0.7933 | 0.1 | 3 | nb_common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6505 | 0.6937 | 0.5871 | 0.0 | 0.6525 | 0.6955 | 0.5861 | 0.6522 | 0.6952 | 0.5863 | 0.1 | 3 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6506 | 0.6934 | 0.5877 | 0.0 | 0.6526 | 0.6953 | 0.5853 | 0.6523 | 0.6950 | 0.5857 | 0.1 | 3 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6283 | 0.6405 | 0.6599 | 0.0 | 0.6314 | 0.6425 | 0.6582 | 0.6308 | 0.6421 | 0.6585 | 0.1 | 3 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question2

0.6286 | 0.6695 | 0.5938 | 0.0 | 0.6302 | 0.6705 | 0.5919 | 0.6298 | 0.6703 | 0.5923 | 0.1 | 3 | nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6437 | 0.6878 | 0.5914 | 0.0 | 0.6452 | 0.6891 | 0.5903 | 0.6453 | 0.6893 | 0.5905 | 0.1 | 3 | nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6434 | 0.6876 | 0.5861 | 0.0 | 0.6441 | 0.6882 | 0.5839 | 0.6440 | 0.6881 | 0.5843 | 0.1 | 3 | nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6297 | 0.6719 | 0.5955 | 0.0 | 0.6313 | 0.6730 | 0.5935 | 0.6309 | 0.6727 | 0.5938 | 0.1 | 3 | nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6423 | 0.6865 | 0.5873 | 0.0 | 0.6426 | 0.6867 | 0.5861 | 0.6426 | 0.6867 | 0.5863 | 0.1 | 3 | nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6430 | 0.6874 | 0.5908 | 0.0 | 0.6449 | 0.6891 | 0.5885 | 0.6446 | 0.6888 | 0.5890 | 0.1 | 3 | nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6283 | 0.6405 | 0.6191 | 0.0 | 0.6314 | 0.6425 | 0.6171 | 0.6308 | 0.6421 | 0.6174 | 0.1 | 3 | nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6645 | 0.7046 | 0.6065 | 0.0 | 0.6655 | 0.7056 | 0.6050 | 0.6653 | 0.7053 | 0.6052 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1

0.6645 | 0.7045 | 0.6076 | 0.0 | 0.6654 | 0.7054 | 0.6060 | 0.6653 | 0.7053 | 0.6063 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2

0.6668 | 0.7035 | 0.7565 | 0.0 | 0.6673 | 0.7041 | 0.7562 | 0.6672 | 0.7039 | 0.7571 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question1-common_words

0.6642 | 0.7005 | 0.7906 | 0.0 | 0.6661 | 0.7023 | 0.7871 | 0.6660 | 0.7021 | 0.7868 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question2-common_words

0.6642 | 0.7049 | 0.6058 | 0.0 | 0.6646 | 0.7054 | 0.6043 | 0.6658 | 0.7062 | 0.6045 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6387 | 0.6704 | 0.6044 | 0.0 | 0.6404 | 0.6716 | 0.6024 | 0.6401 | 0.6714 | 0.6028 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6421 | 0.6860 | 0.6225 | 0.0 | 0.6439 | 0.6878 | 0.6220 | 0.6442 | 0.6878 | 0.6228 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6388 | 0.6819 | 0.6372 | 0.0 | 0.6413 | 0.6842 | 0.6336 | 0.6409 | 0.6839 | 0.6336 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6332 | 0.6497 | 0.6140 | 0.0 | 0.6372 | 0.6525 | 0.6120 | 0.6364 | 0.6520 | 0.6124 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_questior

0.6479 | 0.6913 | 0.6150 | 0.0 | 0.6491 | 0.6924 | 0.6144 | 0.6495 | 0.6926 | 0.6152 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6352 | 0.6782 | 0.6475 | 0.0 | 0.6360 | 0.6790 | 0.6438 | 0.6361 | 0.6791 | 0.6438 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6349 | 0.6522 | 0.6149 | 0.0 | 0.6377 | 0.6538 | 0.6129 | 0.6376 | 0.6554 | 0.6132 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_questior

0.6582 | 0.7004 | 0.6256 | 0.0 | 0.6584 | 0.7007 | 0.6234 | 0.6584 | 0.7007 | 0.6237 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6376 | 0.6826 | 0.6225 | 0.0 | 0.6391 | 0.6840 | 0.6220 | 0.6385 | 0.6834 | 0.6228 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6310 | 0.6757 | 0.6444 | 0.0 | 0.6324 | 0.6770 | 0.6407 | 0.6322 | 0.6769 | 0.6407 | 0.1 | 4 | nb_words_question1+nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6604 | 0.7008 | 0.6060 | 0.1 | 0.6617 | 0.7021 | 0.6056 | 0.6621 | 0.7021 | 0.6058 | 0.1 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6646 | 0.7007 | 0.7888 | 0.0 | 0.6649 | 0.7012 | 0.7888 | 0.6649 | 0.7011 | 0.7894 | 0.1 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6685 | 0.7034 | 0.8014 | 0.0 | 0.6702 | 0.7051 | 0.7980 | 0.6699 | 0.7048 | 0.7978 | 0.1 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6582 | 0.6993 | 0.6073 | 0.1 | 0.6596 | 0.7007 | 0.6068 | 0.6595 | 0.7005 | 0.6070 | 0.1 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question

0.6658 | 0.7017 | 0.7822 | 0.0 | 0.6663 | 0.7024 | 0.7822 | 0.6662 | 0.7022 | 0.7828 | 0.1 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6678 | 0.7028 | 0.8089 | 0.0 | 0.6697 | 0.7047 | 0.8056 | 0.6693 | 0.7043 | 0.8054 | 0.1 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6608 | 0.7017 | 0.6040 | 0.1 | 0.6620 | 0.7029 | 0.6035 | 0.6618 | 0.7027 | 0.6037 | 0.1 | 4 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question

0.6730 | 0.7081 | 0.8838 | 0.0 | 0.6732 | 0.7085 | 0.8812 | 0.6732 | 0.7084 | 0.8814 | 0.1 | 4 | nb_words_question1+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words

0.6645 | 0.7011 | 0.7754 | 0.0 | 0.6650 | 0.7018 | 0.7754 | 0.6650 | 0.7017 | 0.7759 | 0.1 | 4 | nb_words_question1+nb_common_words+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6664 | 0.7023 | 0.7961 | 0.0 | 0.6679 | 0.7038 | 0.7927 | 0.6676 | 0.7035 | 0.7925 | 0.1 | 4 | nb_words_question1+nb_common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6564 | 0.6978 | 0.6023 | 0.1 | 0.6582 | 0.6995 | 0.6013 | 0.6578 | 0.6992 | 0.6016 | 0.1 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6380 | 0.6783 | 0.6556 | 0.1 | 0.6401 | 0.6803 | 0.6517 | 0.6397 | 0.6800 | 0.6518 | 0.1 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6441 | 0.6813 | 0.6017 | 0.1 | 0.6454 | 0.6822 | 0.6004 | 0.6452 | 0.6821 | 0.6006 | 0.1 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1

0.6567 | 0.6979 | 0.6269 | 0.0 | 0.6584 | 0.6995 | 0.6241 | 0.6582 | 0.6993 | 0.6241 | 0.1 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6529 | 0.6955 | 0.6011 | 0.0 | 0.6552 | 0.6976 | 0.6001 | 0.6547 | 0.6972 | 0.6004 | 0.1 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6325 | 0.6746 | 0.6504 | 0.0 | 0.6346 | 0.6766 | 0.6464 | 0.6343 | 0.6763 | 0.6465 | 0.1 | 4 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6525 | 0.6940 | 0.6349 | 0.0 | 0.6540 | 0.6954 | 0.6321 | 0.6538 | 0.6953 | 0.6320 | 0.1 | 4 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6548 | 0.6974 | 0.5967 | 0.0 | 0.6566 | 0.6990 | 0.5956 | 0.6563 | 0.6987 | 0.5959 | 0.1 | 4 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6281 | 0.6703 | 0.6626 | 0.1 | 0.6302 | 0.6723 | 0.6585 | 0.6298 | 0.6719 | 0.6587 | 0.1 | 4 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6525 | 0.6946 | 0.6293 | 0.0 | 0.6548 | 0.6966 | 0.6264 | 0.6545 | 0.6964 | 0.6263 | 0.1 | 4 | nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6625 | 0.7016 | 0.6119 | 0.0 | 0.6638 | 0.7029 | 0.6095 | 0.6636 | 0.7026 | 0.6099 | 0.1 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6680 | 0.7037 | 0.7773 | 0.0 | 0.6683 | 0.7042 | 0.7770 | 0.6681 | 0.7040 | 0.7778 | 0.1 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6681 | 0.7028 | 0.8046 | 0.0 | 0.6701 | 0.7049 | 0.8012 | 0.6697 | 0.7045 | 0.8012 | 0.1 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6630 | 0.7028 | 0.6086 | 0.0 | 0.6642 | 0.7040 | 0.6063 | 0.6640 | 0.7038 | 0.6067 | 0.1 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question1+nb_words_question

0.6681 | 0.7036 | 0.7721 | 0.0 | 0.6690 | 0.7046 | 0.7717 | 0.6688 | 0.7044 | 0.7725 | 0.1 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6673 | 0.7016 | 0.8128 | 0.0 | 0.6691 | 0.7033 | 0.8093 | 0.6687 | 0.7030 | 0.8094 | 0.1 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6622 | 0.7011 | 0.6127 | 0.0 | 0.6638 | 0.7027 | 0.6103 | 0.6635 | 0.7024 | 0.6107 | 0.1 | 4 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1+nb_words_question

0.6735 | 0.7086 | 0.8742 | 0.0 | 0.6736 | 0.7090 | 0.8723 | 0.6735 | 0.7089 | 0.8728 | 0.1 | 4 | nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words

0.6677 | 0.7038 | 0.7660 | 0.1 | 0.6679 | 0.7042 | 0.7657 | 0.6677 | 0.7040 | 0.7665 | 0.2 | 4 | nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6662 | 0.7020 | 0.7970 | 0.0 | 0.6679 | 0.7037 | 0.7936 | 0.6675 | 0.7034 | 0.7936 | 0.1 | 4 | nb_words_question2+nb_common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6399 | 0.6815 | 0.6334 | 0.0 | 0.6412 | 0.6829 | 0.6335 | 0.6407 | 0.6824 | 0.6342 | 0.1 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6572 | 0.6982 | 0.6048 | 0.1 | 0.6583 | 0.6994 | 0.6023 | 0.6581 | 0.6991 | 0.6027 | 0.1 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6452 | 0.6846 | 0.5991 | 0.0 | 0.6463 | 0.6855 | 0.5969 | 0.6464 | 0.6857 | 0.5974 | 0.1 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1

0.6546 | 0.6966 | 0.6169 | 0.0 | 0.6559 | 0.6980 | 0.6157 | 0.6556 | 0.6976 | 0.6164 | 0.1 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6291 | 0.6730 | 0.6423 | 0.0 | 0.6304 | 0.6744 | 0.6425 | 0.6304 | 0.6741 | 0.6432 | 0.1 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6557 | 0.6979 | 0.5975 | 0.0 | 0.6562 | 0.6985 | 0.5951 | 0.6562 | 0.6984 | 0.5955 | 0.1 | 4 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6571 | 0.6989 | 0.6123 | 0.0 | 0.6576 | 0.6995 | 0.6110 | 0.6575 | 0.6994 | 0.6117 | 0.1 | 4 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6332 | 0.6769 | 0.6316 | 0.0 | 0.6347 | 0.6784 | 0.6318 | 0.6341 | 0.6778 | 0.6324 | 0.1 | 4 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6543 | 0.6965 | 0.6029 | 0.1 | 0.6547 | 0.6970 | 0.6004 | 0.6547 | 0.6968 | 0.6008 | 0.1 | 4 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6519 | 0.6950 | 0.6139 | 0.1 | 0.6530 | 0.6960 | 0.6128 | 0.6526 | 0.6957 | 0.6135 | 0.1 | 4 | nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6668 | 0.7014 | 0.8047 | 0.0 | 0.6676 | 0.7023 | 0.8049 | 0.6675 | 0.7022 | 0.8055 | 0.1 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6684 | 0.7014 | 0.8305 | 0.0 | 0.6703 | 0.7033 | 0.8271 | 0.6699 | 0.7029 | 0.8270 | 0.1 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6283 | 0.6405 | 0.6573 | 0.0 | 0.6314 | 0.6425 | 0.6556 | 0.6308 | 0.6421 | 0.6559 | 0.1 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question1-

0.6737 | 0.7076 | 0.8933 | 0.0 | 0.6737 | 0.7080 | 0.8913 | 0.6737 | 0.7079 | 0.8917 | 0.1 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6662 | 0.7020 | 0.7981 | 0.0 | 0.6664 | 0.7024 | 0.7983 | 0.6668 | 0.7024 | 0.7989 | 0.1 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6685 | 0.7027 | 0.8156 | 0.0 | 0.6706 | 0.7048 | 0.8122 | 0.6702 | 0.7043 | 0.8122 | 0.1 | 4 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6737 | 0.7078 | 0.8950 | 0.0 | 0.6737 | 0.7081 | 0.8930 | 0.6737 | 0.7081 | 0.8933 | 0.1 | 4 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6659 | 0.7013 | 0.7920 | 0.0 | 0.6665 | 0.7021 | 0.7920 | 0.6664 | 0.7019 | 0.7926 | 0.1 | 4 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6685 | 0.7018 | 0.8233 | 0.1 | 0.6709 | 0.7041 | 0.8199 | 0.6704 | 0.7036 | 0.8199 | 0.1 | 4 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6737 | 0.7083 | 0.8747 | 0.0 | 0.6735 | 0.7084 | 0.8726 | 0.6735 | 0.7084 | 0.8730 | 0.1 | 4 | nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6510 | 0.6938 | 0.5810 | 0.0 | 0.6533 | 0.6959 | 0.5791 | 0.6528 | 0.6955 | 0.5794 | 0.1 | 4 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6547 | 0.6964 | 0.5913 | 0.0 | 0.6557 | 0.6974 | 0.5904 | 0.6561 | 0.6976 | 0.5907 | 0.1 | 4 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6548 | 0.6959 | 0.5937 | 0.0 | 0.6568 | 0.6978 | 0.5913 | 0.6560 | 0.6970 | 0.5917 | 0.1 | 4 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6443 | 0.6885 | 0.5823 | 0.0 | 0.6454 | 0.6894 | 0.5804 | 0.6452 | 0.6892 | 0.5808 | 0.1 | 4 | nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6433 | 0.6876 | 0.5842 | 0.1 | 0.6452 | 0.6893 | 0.5822 | 0.6448 | 0.6890 | 0.5824 | 0.1 | 4 | nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6655 | 0.7041 | 0.6119 | 0.0 | 0.6666 | 0.7053 | 0.6104 | 0.6666 | 0.7052 | 0.6107 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6680 | 0.7037 | 0.7776 | 0.0 | 0.6682 | 0.7041 | 0.7774 | 0.6681 | 0.7039 | 0.7783 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words

0.6679 | 0.7027 | 0.8064 | 0.0 | 0.6699 | 0.7046 | 0.8030 | 0.6695 | 0.7043 | 0.8027 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words

0.6659 | 0.7046 | 0.6089 | 0.0 | 0.6673 | 0.7061 | 0.6074 | 0.6673 | 0.7058 | 0.6077 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/(nb_words_question

0.6681 | 0.7036 | 0.7724 | 0.0 | 0.6690 | 0.7046 | 0.7721 | 0.6687 | 0.7042 | 0.7730 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words

0.6669 | 0.7012 | 0.8148 | 0.0 | 0.6687 | 0.7030 | 0.8113 | 0.6684 | 0.7027 | 0.8110 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words

0.6653 | 0.7045 | 0.6101 | 0.0 | 0.6662 | 0.7055 | 0.6085 | 0.6660 | 0.7053 | 0.6088 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_common_words/(nb_words_question

0.6728 | 0.7079 | 0.8887 | 0.1 | 0.6731 | 0.7084 | 0.8863 | 0.6730 | 0.7083 | 0.8866 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words

0.6677 | 0.7038 | 0.7657 | 0.0 | 0.6679 | 0.7043 | 0.7654 | 0.6678 | 0.7041 | 0.7663 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6653 | 0.7013 | 0.8005 | 0.0 | 0.6671 | 0.7031 | 0.7971 | 0.6669 | 0.7028 | 0.7968 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6534 | 0.6943 | 0.6184 | 0.0 | 0.6554 | 0.6963 | 0.6179 | 0.6549 | 0.6957 | 0.6187 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question common_words

0.6467 | 0.6870 | 0.6448 | 0.0 | 0.6487 | 0.6889 | 0.6414 | 0.6481 | 0.6883 | 0.6413 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question common_words

0.6445 | 0.6835 | 0.5968 | 0.0 | 0.6452 | 0.6841 | 0.5948 | 0.6450 | 0.6840 | 0.5951 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words

0.6633 | 0.7035 | 0.6357 | 0.0 | 0.6639 | 0.7042 | 0.6336 | 0.6637 | 0.7040 | 0.6339 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6473 | 0.6898 | 0.6212 | 0.0 | 0.6485 | 0.6910 | 0.6207 | 0.6484 | 0.6908 | 0.6216 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6445 | 0.6860 | 0.6376 | 0.0 | 0.6460 | 0.6875 | 0.6340 | 0.6460 | 0.6874 | 0.6340 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6622 | 0.7025 | 0.6383 | 0.0 | 0.6628 | 0.7032 | 0.6361 | 0.6627 | 0.7030 | 0.6363 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6503 | 0.6928 | 0.6140 | 0.0 | 0.6521 | 0.6946 | 0.6134 | 0.6516 | 0.6940 | 0.6142 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6404 | 0.6821 | 0.6478 | 0.0 | 0.6421 | 0.6837 | 0.6442 | 0.6419 | 0.6835 | 0.6441 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6618 | 0.7030 | 0.6302 | 0.0 | 0.6623 | 0.7036 | 0.6280 | 0.6622 | 0.7034 | 0.6282 | 0.1 | 5 | nb_words_question1+nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6675 | 0.7017 | 0.8072 | 0.0 | 0.6683 | 0.7025 | 0.8075 | 0.6682 | 0.7024 | 0.8080 | 0.1 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1 common_words

0.6684 | 0.7023 | 0.8252 | 0.0 | 0.6709 | 0.7048 | 0.8220 | 0.6704 | 0.7043 | 0.8217 | 0.1 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2 common_words

0.6609 | 0.7005 | 0.6072 | 0.0 | 0.6620 | 0.7018 | 0.6068 | 0.6620 | 0.7017 | 0.6070 | 0.1 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/

0.6740 | 0.7080 | 0.9155 | 0.0 | 0.6741 | 0.7084 | 0.9131 | 0.6743 | 0.7085 | 0.9133 | 0.1 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6667 | 0.7018 | 0.7997 | 0.0 | 0.6672 | 0.7025 | 0.8000 | 0.6670 | 0.7022 | 0.8005 | 0.1 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6689 | 0.7034 | 0.8117 | 0.0 | 0.6707 | 0.7053 | 0.8084 | 0.6704 | 0.7049 | 0.8082 | 0.1 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6728 | 0.7069 | 0.9183 | 0.1 | 0.6735 | 0.7078 | 0.9159 | 0.6733 | 0.7076 | 0.9160 | 0.1 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6666 | 0.7017 | 0.7933 | 0.0 | 0.6672 | 0.7024 | 0.7934 | 0.6671 | 0.7023 | 0.7940 | 0.1 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6687 | 0.7026 | 0.8191 | 0.0 | 0.6708 | 0.7048 | 0.8158 | 0.6704 | 0.7043 | 0.8155 | 0.1 | 5 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6731 | 0.7076 | 0.9005 | 0.0 | 0.6732 | 0.7080 | 0.8980 | 0.6732 | 0.7080 | 0.8982 | 0.1 | 5 | nb_words_question1+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6612 | 0.7000 | 0.6449 | 0.0 | 0.6627 | 0.7014 | 0.6422 | 0.6624 | 0.7012 | 0.6421 | 0.1 | 5 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6591 | 0.6994 | 0.6085 | 0.0 | 0.6599 | 0.7002 | 0.6076 | 0.6597 | 0.7000 | 0.6079 | 0.1 | 5 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6425 | 0.6818 | 0.6577 | 0.0 | 0.6445 | 0.6837 | 0.6540 | 0.6443 | 0.6835 | 0.6540 | 0.1 | 5 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6595 | 0.6997 | 0.6329 | 0.0 | 0.6608 | 0.7010 | 0.6302 | 0.6611 | 0.7011 | 0.6302 | 0.1 | 5 | nb_words_question1+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6594 | 0.6990 | 0.6404 | 0.0 | 0.6609 | 0.7004 | 0.6376 | 0.6607 | 0.7002 | 0.6375 | 0.1 | 5 | nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6691 | 0.7039 | 0.7941 | 0.0 | 0.6698 | 0.7046 | 0.7939 | 0.6697 | 0.7044 | 0.7946 | 0.1 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1 common_words

0.6682 | 0.7012 | 0.8337 | 0.0 | 0.6704 | 0.7034 | 0.8303 | 0.6700 | 0.7030 | 0.8302 | 0.1 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2 common_words

0.6618 | 0.7008 | 0.6140 | 0.0 | 0.6631 | 0.7022 | 0.6117 | 0.6629 | 0.7019 | 0.6120 | 0.1 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_common_words/

0.6737 | 0.7077 | 0.9080 | 0.0 | 0.6740 | 0.7083 | 0.9061 | 0.6739 | 0.7081 | 0.9066 | 0.1 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6685 | 0.7036 | 0.7870 | 0.0 | 0.6688 | 0.7041 | 0.7868 | 0.6687 | 0.7040 | 0.7876 | 0.1 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6685 | 0.7026 | 0.8173 | 0.0 | 0.6707 | 0.7048 | 0.8139 | 0.6702 | 0.7044 | 0.8139 | 0.1 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6737 | 0.7078 | 0.9086 | 0.0 | 0.6738 | 0.7082 | 0.9067 | 0.6738 | 0.7081 | 0.9072 | 0.1 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6691 | 0.7043 | 0.7821 | 0.0 | 0.6699 | 0.7052 | 0.7818 | 0.6698 | 0.7050 | 0.7826 | 0.1 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6682 | 0.7012 | 0.8255 | 0.0 | 0.6705 | 0.7035 | 0.8221 | 0.6702 | 0.7030 | 0.8220 | 0.1 | 5 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6736 | 0.7081 | 0.8914 | 0.0 | 0.6735 | 0.7084 | 0.8895 | 0.6735 | 0.7083 | 0.8900 | 0.1 | 5 | nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6613 | 0.7007 | 0.6278 | 0.1 | 0.6624 | 0.7019 | 0.6265 | 0.6622 | 0.7017 | 0.6272 | 0.1 | 5 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6444 | 0.6851 | 0.6333 | 0.0 | 0.6458 | 0.6866 | 0.6334 | 0.6451 | 0.6859 | 0.6342 | 0.1 | 5 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6584 | 0.6983 | 0.6124 | 0.0 | 0.6600 | 0.6998 | 0.6099 | 0.6597 | 0.6995 | 0.6102 | 0.1 | 5 | nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6595 | 0.7001 | 0.6217 | 0.0 | 0.6606 | 0.7013 | 0.6205 | 0.6604 | 0.7010 | 0.6212 | 0.1 | 5 | nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6600 | 0.7006 | 0.6179 | 0.0 | 0.6611 | 0.7018 | 0.6166 | 0.6609 | 0.7015 | 0.6172 | 0.1 | 5 | nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6732 | 0.7069 | 0.9344 | 0.0 | 0.6731 | 0.7071 | 0.9325 | 0.6731 | 0.7071 | 0.9328 | 0.1 | 5 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6669 | 0.7010 | 0.8151 | 0.0 | 0.6679 | 0.7021 | 0.8154 | 0.6677 | 0.7019 | 0.8160 | 0.1 | 5 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6678 | 0.7005 | 0.8423 | 0.0 | 0.6700 | 0.7027 | 0.8389 | 0.6695 | 0.7023 | 0.8388 | 0.1 | 5 | nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6728 | 0.7067 | 0.9140 | 0.0 | 0.6728 | 0.7070 | 0.9120 | 0.6728 | 0.7070 | 0.9123 | 0.1 | 5 | nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6737 | 0.7074 | 0.9156 | 0.0 | 0.6733 | 0.7074 | 0.9136 | 0.6734 | 0.7074 | 0.9139 | 0.1 | 5 | nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6551 | 0.6961 | 0.5873 | 0.0 | 0.6569 | 0.6978 | 0.5855 | 0.6565 | 0.6975 | 0.5858 | 0.1 | 5 | nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6689 | 0.7036 | 0.7958 | 0.0 | 0.6696 | 0.7045 | 0.7956 | 0.6695 | 0.7042 | 0.7965 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2 common_words

0.6682 | 0.7013 | 0.8327 | 0.0 | 0.6704 | 0.7035 | 0.8294 | 0.6700 | 0.7031 | 0.8290 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2 common_words

0.6647 | 0.7030 | 0.6158 | 0.0 | 0.6661 | 0.7044 | 0.6143 | 0.6658 | 0.7042 | 0.6146 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2

0.6743 | 0.7080 | 0.9193 | 0.0 | 0.6744 | 0.7084 | 0.9170 | 0.6743 | 0.7083 | 0.9173 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words

0.6683 | 0.7034 | 0.7881 | 0.0 | 0.6686 | 0.7039 | 0.7880 | 0.6687 | 0.7038 | 0.7889 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6685 | 0.7027 | 0.8177 | 0.0 | 0.6706 | 0.7048 | 0.8143 | 0.6702 | 0.7044 | 0.8140 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6732 | 0.7074 | 0.9214 | 0.0 | 0.6735 | 0.7080 | 0.9191 | 0.6735 | 0.7079 | 0.9193 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words

0.6691 | 0.7042 | 0.7830 | 0.0 | 0.6698 | 0.7050 | 0.7828 | 0.6696 | 0.7048 | 0.7836 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6680 | 0.7008 | 0.8259 | 0.0 | 0.6703 | 0.7031 | 0.8225 | 0.6702 | 0.7029 | 0.8221 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6731 | 0.7076 | 0.9047 | 0.0 | 0.6730 | 0.7079 | 0.9023 | 0.6730 | 0.7078 | 0.9026 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6641 | 0.7026 | 0.6571 | 0.0 | 0.6650 | 0.7036 | 0.6550 | 0.6647 | 0.7033 | 0.6553 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question common_words+nb_words_question2-common_words

0.6556 | 0.6959 | 0.6219 | 0.0 | 0.6573 | 0.6976 | 0.6214 | 0.6568 | 0.6970 | 0.6222 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6490 | 0.6879 | 0.6494 | 0.0 | 0.6519 | 0.6907 | 0.6460 | 0.6514 | 0.6902 | 0.6459 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6639 | 0.7032 | 0.6453 | 0.0 | 0.6646 | 0.7040 | 0.6431 | 0.6645 | 0.7038 | 0.6434 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6633 | 0.7026 | 0.6479 | 0.0 | 0.6643 | 0.7037 | 0.6457 | 0.6643 | 0.7035 | 0.6459 | 0.1 | 6 | nb_words_question1+nb_words_question2+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6734 | 0.7066 | 0.9515 | 0.0 | 0.6732 | 0.7068 | 0.9492 | 0.6733 | 0.7067 | 0.9494 | 0.1 | 6 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1 common_words+nb_words_question2-common_words

0.6667 | 0.7003 | 0.8189 | 0.1 | 0.6676 | 0.7013 | 0.8194 | 0.6674 | 0.7011 | 0.8199 | 0.1 | 6 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1 common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6690 | 0.7024 | 0.8363 | 0.0 | 0.6707 | 0.7041 | 0.8331 | 0.6704 | 0.7038 | 0.8329 | 0.1 | 6 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2 common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6737 | 0.7072 | 0.9333 | 0.0 | 0.6735 | 0.7073 | 0.9309 | 0.6735 | 0.7072 | 0.9311 | 0.1 | 6 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6730 | 0.7066 | 0.9359 | 0.0 | 0.6734 | 0.7073 | 0.9336 | 0.6733 | 0.7071 | 0.9337 | 0.1 | 6 | nb_words_question1+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6629 | 0.7005 | 0.6566 | 0.0 | 0.6645 | 0.7021 | 0.6540 | 0.6642 | 0.7018 | 0.6540 | 0.1 | 6 | nb_words_question1+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6727 | 0.7066 | 0.9440 | 0.0 | 0.6727 | 0.7070 | 0.9422 | 0.6727 | 0.7069 | 0.9426 | 0.1 | 6 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1 common_words+nb_words_question2-common_words

0.6697 | 0.7037 | 0.8049 | 0.1 | 0.6706 | 0.7048 | 0.8048 | 0.6704 | 0.7045 | 0.8056 | 0.1 | 6 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1 common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6674 | 0.7000 | 0.8471 | 0.0 | 0.6695 | 0.7022 | 0.8437 | 0.6691 | 0.7017 | 0.8436 | 0.1 | 6 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question2 common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6730 | 0.7068 | 0.9261 | 0.0 | 0.6734 | 0.7074 | 0.9243 | 0.6734 | 0.7073 | 0.9248 | 0.1 | 6 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6732 | 0.7069 | 0.9269 | 0.0 | 0.6731 | 0.7072 | 0.9251 | 0.6731 | 0.7071 | 0.9255 | 0.1 | 6 | nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6629 | 0.7015 | 0.6396 | 0.0 | 0.6638 | 0.7025 | 0.6384 | 0.6638 | 0.7024 | 0.6390 | 0.1 | 6 |

nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)
0.6729 | 0.7065 | 0.9553 | 0.0 | 0.6729 | 0.7068 | 0.9535 | 0.6729 | 0.7067 | 0.9537 | 0.1 | 6 |
nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6737 | 0.7071 | 0.9536 | 0.1 | 0.6734 | 0.7071 | 0.9515 | 0.6734 | 0.7072 | 0.9517 | 0.1 | 7 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2
common_words+nb_words_question2-common_words

0.6696 | 0.7036 | 0.8074 | 0.0 | 0.6704 | 0.7045 | 0.8073 | 0.6702 | 0.7043 | 0.8082 | 0.1 | 7 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2
common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6676 | 0.7005 | 0.8449 | 0.0 | 0.6699 | 0.7028 | 0.8416 | 0.6695 | 0.7024 | 0.8412 | 0.1 | 7 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2
common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6733 | 0.7069 | 0.9363 | 0.1 | 0.6733 | 0.7072 | 0.9341 | 0.6733 | 0.7072 | 0.9344 | 0.1 | 7 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6734 | 0.7071 | 0.9384 | 0.0 | 0.6737 | 0.7076 | 0.9362 | 0.6735 | 0.7076 | 0.9364 | 0.1 | 7 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question2+nb_words_question1-common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6651 | 0.7028 | 0.6704 | 0.0 | 0.6664 | 0.7041 | 0.6683 | 0.6662 | 0.7038 | 0.6686 | 0.1 | 7 |
nb_words_question1+nb_words_question2+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question
common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6734 | 0.7066 | 0.9698 | 0.0 | 0.6731 | 0.7067 | 0.9677 | 0.6732 | 0.7067 | 0.9678 | 0.1 | 7 |
nb_words_question1+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1
common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6726 | 0.7065 | 0.9629 | 0.0 | 0.6727 | 0.7069 | 0.9612 | 0.6726 | 0.7068 | 0.9615 | 0.1 | 7 |
nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2+nb_words_question1
common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

0.6734 | 0.7066 | 0.9714 | 0.1 | 0.6732 | 0.7068 | 0.9693 | 0.6732 | 0.7068 | 0.9695 | 0.1 | 8 |
nb_words_question1+nb_words_question2+nb_common_words+nb_common_words/nb_words_question1+nb_common_words/nb_words_question2
common_words+nb_words_question2-common_words+nb_common_words/(nb_words_question1+nb_words_question2)

Done in 396.5 s

In [32]:
```
model_results.head().transpose()
```

Out[32]:

	nb_words_question1	nb_words_question2	nb_common_words	nb_common_words/nb_words_question1	nb_common_w
logloss_proba_test	0.659876	0.659876	0.659876	0.659876	
logloss_proba_train	0.658191	0.658191	0.658191	0.658191	
logloss_proba_full	0.658527	0.658527	0.658527	0.658527	
nb_features	1	1	1	1	
column_names	nb_words_question1	nb_words_question2	nb_common_words	nb_common_words/nb_words_question1	nb_common_w
accuracy_test	0.628299	0.628299	0.628299	0.628299	
accuracy_train	0.631428	0.631428	0.631428	0.631428	
accuracy_full	0.630802	0.630802	0.630802	0.630802	
score_test	0.640531	0.640531	0.640531	0.640531	
score_train	0.642486	0.642486	0.642486	0.642486	
score_full	0.642096	0.642096	0.642096	0.642096	
model_test	MultinomialNB()	MultinomialNB()	MultinomialNB()	MultinomialNB()	
model_train	MultinomialNB()	MultinomialNB()	MultinomialNB()	MultinomialNB()	
model_full	MultinomialNB()	MultinomialNB()	MultinomialNB()	MultinomialNB()	
columns	(nb_words_question1,)	(nb_words_question2,)	(nb_common_words,)	(nb_common_words/nb_words_question1,)	(nb_common_w
time_test	0.0417576	0.0350451	0.0387604	0.0385814	
time_full	0.0490961	0.0480876	0.0449538	0.0470052	

Graph metrics on all models generated

In [40]:
```
def graph_all_metric_all_models(results,y_label,metric_sort,metrics):
    palette = sns.color_palette()
    data = results.sort_values(metric_sort+'_test',ascending=(metric_sort!='logloss_proba'))
    #ax = plot
    # fig,ax = plot.subplots()
    x = numpy.arange(len(data))
    num_col=1
    if len(metrics)>1:
        kinds =['_test']
    else:
        kinds = ['_test','_train','_full']
    for k in kinds:
        for m in metrics:
                plot.plot(x,data[m+k],color = palette[num_col],label = m+k)
                num_col = num_col+1
    plot.ylabel(y_label)
    #plot.plot(x,data['nb_features'],color=palette[num_col],label='Nb features')
    #plot.plot(x,data['time_full'],color = palette[num_col+1],label = 'time_full')
    plot.title(EXPERIMENT+':'+ y_label,fontsize=8)
    #plot.xticks(x)
    #ax.set_xticklabels(labels)
    plot.legend()


def graph_all_metrics_all_models(results):
    for m in ['accuracy','score','logloss_proba']:
        yield
        graph_all_metric_all_models(results,m,m,[m])
    yield
    graph_all_metric_all_models(results,'all metrics','logloss_proba',['accuracy','score','logloss_prob
a'])

def graph_all_metrics_all_models_in_grid(results,nb_columns=2):
    multiplot_from_generator(graph_all_metrics_all_models(results), nb_columns)

graph_all_metrics_all_models_in_grid(model_results,2)
```