## **Word2Vec** (with SGNS)

```
w2v.most_similar(positive=['soldiers'])

w2v.most_similar(positive=['doctor'])

w2v.most_similar(positive=['police'])

w2v.most_similar(positive=['knife'])

w2v.most_similar(positive=['engine'])
```

1) soldiers

```
[('lebanese', 0.7539176940917969),
('troops', 0.7515299916267395),
('occupying', 0.7322258949279785),
('attacking', 0.7247686386108398),
('villagers', 0.7217503786087036),
('israeli', 0.7071422338485718),
('villages', 0.7000206708908081),
('wounded', 0.6976917386054993),
('lebanon', 0.6933401823043823),
('arab', 0.692956268787384)]
```

2) doctor

```
[('nerve', 0.6576169729232788),
 ('migraine', 0.6502577066421509),
 ('patient', 0.6377599835395813),
 ('disease', 0.6300654411315918),
 ('quack', 0.6101700663566589),
 ('cardiac', 0.606243371963501),
 ('infection', 0.6030253171920776),
 ('medication', 0.6001783013343811),
 ('suffering', 0.593578040599823),
 ('hurt', 0.5818471908569336)]
```

3) police

```
[('prohibit', 0.6182408332824707),
('provisions', 0.5706381797790527),
('cops', 0.565453290939331),
('army', 0.563193142414093),
('possess', 0.5538119673728943),
('armed', 0.5535427331924438),
('rkba', 0.5533647537231445),
('ksanti', 0.5518242716789246),
('courts', 0.5495947599411011),
('officers', 0.5477950572967529)]
```

4) knife

```
[('knives', 0.7748741507530212),
 ('caucasus', 0.7227305769920349),
 ('defence', 0.7217429280281067),
 ('males', 0.7207540273666382),
 ('heretics', 0.7145630717277527),
 ('azerbaijanis', 0.7136125564575195),
 ('advocate', 0.7055186629295349),
 ('officers', 0.7020978927612305),
 ('punished', 0.7012225389480591),
 ('taxation', 0.7001351118087769)]
```

5) engine

```
[('brakes', 0.7013274431228638),
 ('cylinder', 0.6680346727371216),
 ('brake', 0.6459399461746216),
 ('seat', 0.6365581154823303),
 ('gasoline', 0.6263373494148254),
 ('honda', 0.611443281173706),
 ('mounted', 0.6093355417251587),
 ('ventilator', 0.5999234318733215),
 ('adjustable', 0.5938659310340881),
 ('propellants', 0.5935063362121582)]
```

## **Word2Vec** (for Eng)

1) model_result = loaded_model.most_similar("electrofishing")

```
[('electrolux', 0.7934642434120178),
 ('electrolyte', 0.78279709815979),
 ('electro', 0.779127836227417),
 ('electric', 0.7753111720085144),
 ('airbus', 0.7648627758026123),
 ('fukushima', 0.7612422704696655),
 ('electrochemical', 0.7611693143844604),
 ('gastric', 0.7483425140380859),
 ('electroshock', 0.7477173805236816),
 ('overfishing', 0.7435552477836609)]
```

## **FastText**

1) model_result = model.wv.most_similar("man")

```
[('batman', 0.8007631301879883),
 ('woman', 0.794669508934021),
 ('ekman', 0.7797814607620239),
 ('hoffman', 0.7764872908592224),
 ('kahneman', 0.7652518153190613),
 ('lehman', 0.7625967860221863),
 ('shaman', 0.7619239091873169),
 ('foreman', 0.7585022449493408),
 ('fireman', 0.7528881430625916),
 ('newman', 0.7361328601837158)]
```

2) loaded_model.wv.most_similar("electrolux")

```
[('electrolyte', 0.9865883588790894),
 ('electro', 0.9785528182983398),
 ('electrode', 0.955880641937255),
 ('electron', 0.9493178129196167),
 ('electroshock', 0.9334187507629395),
 ('electrogram', 0.9283804297447205),
 ('electrodes', 0.9187707901000977),
 ('electrons', 0.9173820614814758),
 ('electronic', 0.9073201417922974),
 ('electromagnet', 0.8979630470275879)]
```