

```
>> Cc = inv(Sk)*Uk'*tfidf
```

```
Cc =
```

```
   -0.9894   -0.1434   -0.0117    0.0000   -0.0020   -0.0189  
    0.0000    0.0000    0.0000   -1.0000   -0.0000   -0.0000  
    0.0227   -0.0084   -0.2332    0.0000   -0.1147   -0.9653
```

```
>> sim = qc'*Cc;
```

```
>> sim = sim ./ [norm(Cc(:,1)) norm(Cc(:,2)) norm(Cc(:,3)) norm(Cc(:,4)) norm(Cc(:,5)) norm(Cc(:,6))]
```

```
sim =
```

```
    0.1414    0.1408    0.0035    0.0000   -0.0012   -0.0009
```