

Correlation coefficients when $k=2$

For topic 1

1.0000	0.0136
0.0136	1.0000

For topic 2

1.0000	0.0200
0.0200	1.0000

Correlation coefficients when $k=3$

For topic 1

1.0000	0.0311
0.0311	1.0000

For topic 2

1.0000	-0.0334
-0.0334	1.0000

For topic 3

1.0000	0.0040
0.0040	1.0000

Correlation coefficients when $k=4$

For topic 1

1.0000	0.0308
0.0308	1.0000

For topic 2

1.0000	0.0078
0.0078	1.0000

For topic 3

1.0000	-0.0095
-0.0095	1.0000

For topic 4

1.0000	-0.0050
-0.0050	1.0000

Correlation coefficients when k= 5

For topic 1

1.0000	0.0133
0.0133	1.0000

For topic 2

1.0000	-0.0186
-0.0186	1.0000

For topic 3

1.0000	0.0240
0.0240	1.0000

For topic 4

1.0000	0.0187
0.0187	1.0000

For topic 5

1.0000	-0.0184
-0.0184	1.0000

Correlation coefficients when k= 6

For topic 1

1.0000	-0.0074
-0.0074	1.0000

For topic 2

1.0000	-0.0047
-0.0047	1.0000

For topic 3

1.0000	-0.0126
-0.0126	1.0000

For topic 4

1.0000	0.0297
0.0297	1.0000

For topic 5

1.0000	-0.0090
-0.0090	1.0000

For topic 6

1.0000	-0.0146
-0.0146	1.0000

Correlation coefficients when k= 7

For topic 1

1.0000	-0.0050
-0.0050	1.0000

For topic 2

1.0000	0.0017
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0.0017 1.0000

For topic 3

1.0000 0.0423

0.0423 1.0000

For topic 4

1.0000 0.0238

0.0238 1.0000

For topic 5

1.0000 0.0486

0.0486 1.0000

For topic 6

1.0000 0.0268

0.0268 1.0000

For topic 7

1.0000 -0.0170

-0.0170 1.0000

Correlation coefficients when k= 8

For topic 1

1.0000 -0.0301

-0.0301 1.0000

For topic 2

1.0000 0.0007

0.0007 1.0000

For topic 3

1.0000	0.0075
0.0075	1.0000

For topic 4

1.0000	0.0034
0.0034	1.0000

For topic 5

1.0000	-0.0117
-0.0117	1.0000

For topic 6

1.0000	-0.0036
-0.0036	1.0000

For topic 7

1.0000	-0.0109
-0.0109	1.0000

For topic 8

1.0000	-0.0159
-0.0159	1.0000

Warning: Algorithm converged to a solution of rank 8 rather than 9 as specified.

Correlation coefficients when k= 9

For topic 1

1.0000	-0.0061
-0.0061	1.0000

For topic 2

1.0000 -0.0205
-0.0205 1.0000

For topic 3

1.0000 -0.0052
-0.0052 1.0000

For topic 4

1.0000 -0.0006
-0.0006 1.0000

For topic 5

1.0000 -0.0294
-0.0294 1.0000

For topic 6

1.0000 -0.0056
-0.0056 1.0000

For topic 7

1.0000 -0.0163
-0.0163 1.0000

For topic 8

1.0000 -0.0160
-0.0160 1.0000

For topic 9

NaN NaN
NaN 1

Correlation coefficients when k= 10

For topic 1

1.0000	0.0456
0.0456	1.0000

For topic 2

1.0000	0.0422
0.0422	1.0000

For topic 3

1.0000	-0.0098
-0.0098	1.0000

For topic 4

1.0000	0.0030
0.0030	1.0000

For topic 5

1.0000	0.0084
0.0084	1.0000

For topic 6

1.0000	0.0136
0.0136	1.0000

For topic 7

1.0000	-0.0123
-0.0123	1.0000

For topic 8

1.0000	-0.0133
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-0.0133 1.0000

For topic 9

1.0000 -0.0095

-0.0095 1.0000

For topic 10

1.0000 -0.0161

-0.0161 1.0000