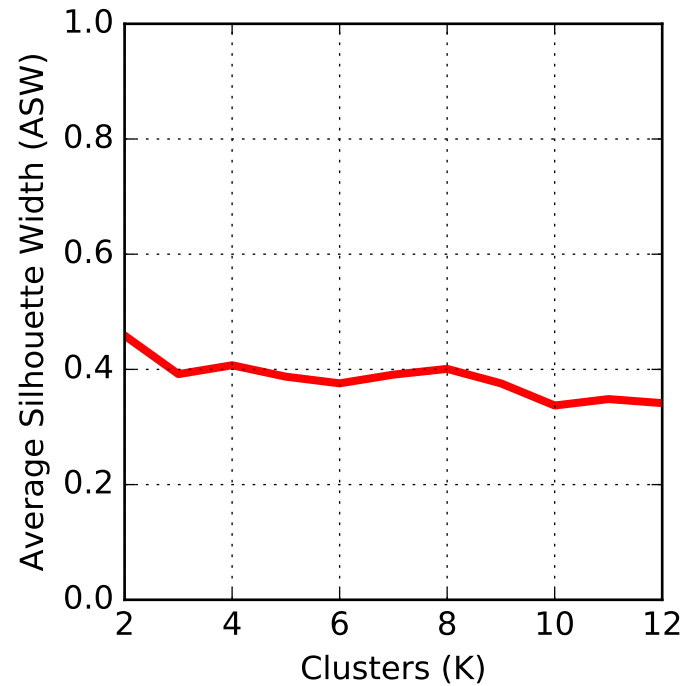


The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 48.86 | 36.68 | 33.13 | 37.7 | 33.76 | 32.89 | 29.07 | 30.13 | 29.49 | 29.53 | 32.0 |

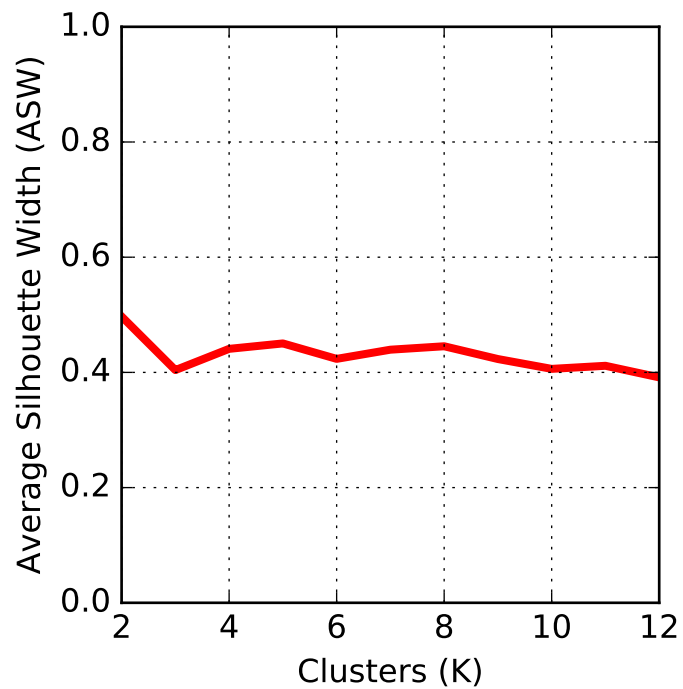
me: 200S_avg_00woA_rh.temporalpole_group_reduced_matrix_20.0to500.



The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 45.87 | 39.18 | 40.72 | 38.73 | 37.58 | 39.09 | 40.09 | 37.57 | 33.73 | 34.85 | 34.14 |

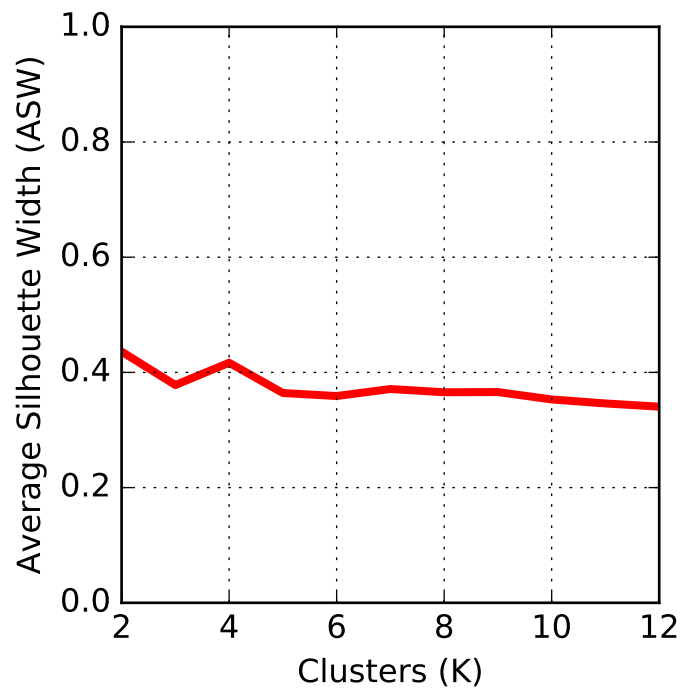
me: 200S_avg_00woA_rh.supramarginal_group_reduced_matrix_20.0to500



The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 49.71 | 40.4 | 44.09 | 45.03 | 42.35 | 43.94 | 44.54 | 42.32 | 40.61 | 41.15 | 39.13 |

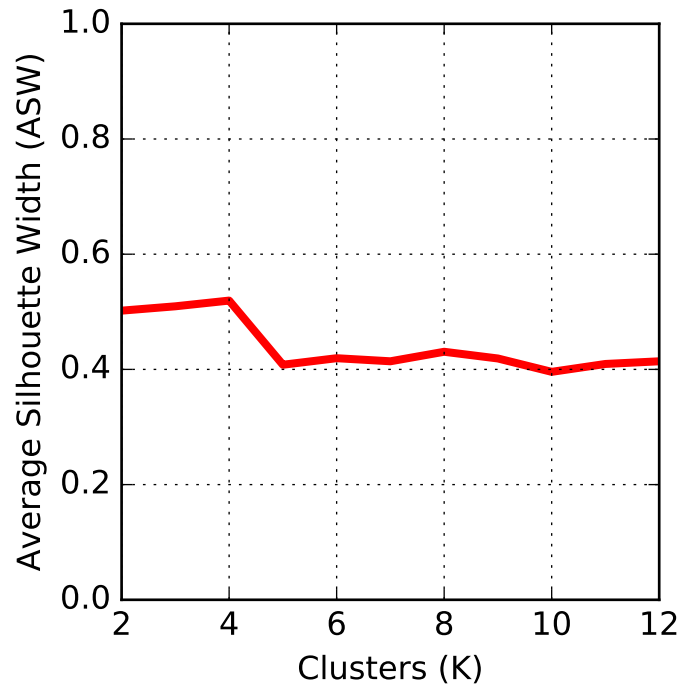
e: 200S_avg_00woA_rh.superiortemporal_group_reduced_matrix_20.0to50



The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 43.61 | 37.81 | 41.67 | 36.42 | 35.9 | 37.12 | 36.55 | 36.59 | 35.3 | 34.61 | 34.05 |

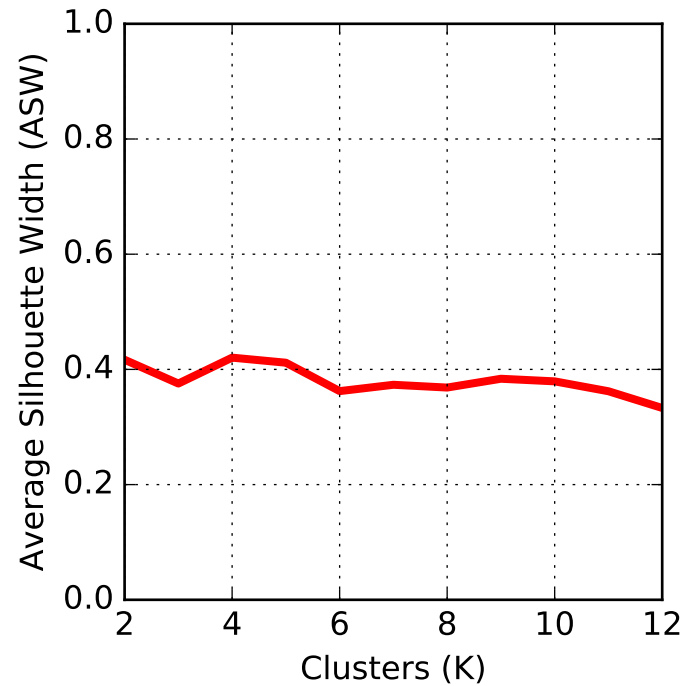
File: 200S_avg_00woA_rh.superiorparietal_group_reduced_matrix_20.0to50



The optimal number of clusters is 4.

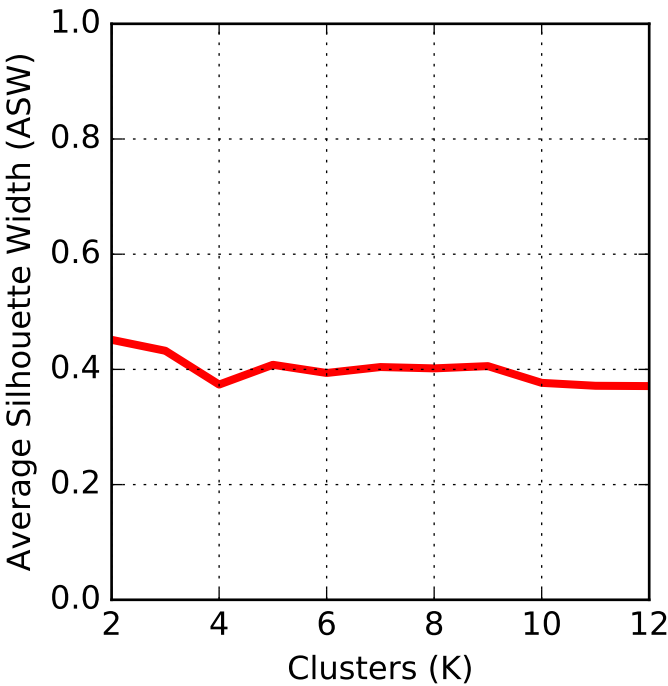
| | | | | | | | | | | | |
|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 50.2 | 50.95 | 51.95 | 40.81 | 41.94 | 41.41 | 43.06 | 41.89 | 39.57 | 40.94 | 41.41 |

ne: 200S_avg_00woA_rh.superiorfrontal_group_reduced_matrix_20.0to500



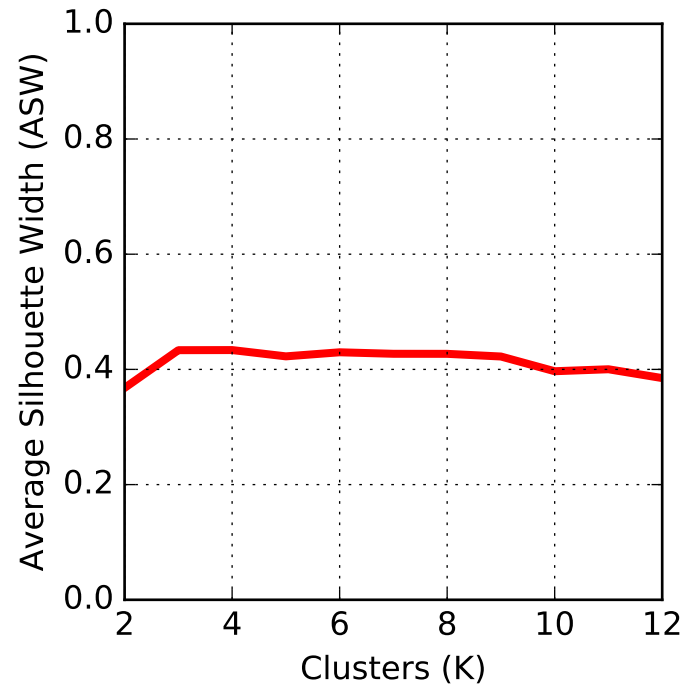
The optimal number of clusters is 4.

| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 41.67 | 37.54 | 42.04 | 41.16 | 36.23 | 37.33 | 36.85 | 38.37 | 37.92 | 36.21 | 33.3 |



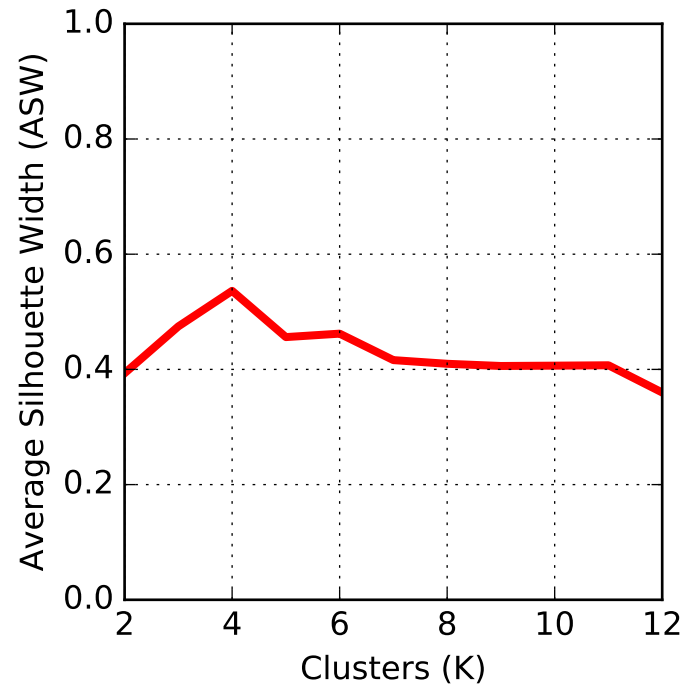
The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 45.14 | 43.23 | 37.37 | 40.8 | 39.38 | 40.41 | 40.18 | 40.57 | 37.66 | 37.16 | 37.1 |



The optimal number of clusters is 4.

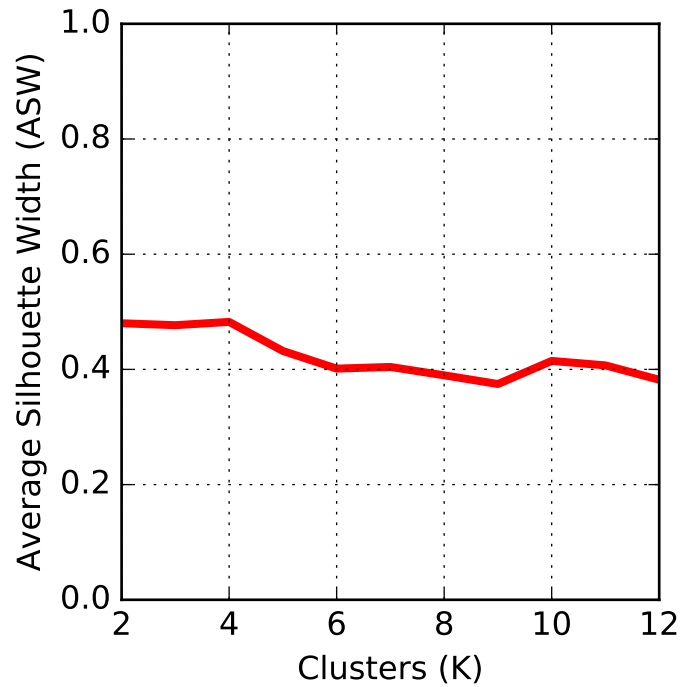
| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 36.78 | 43.34 | 43.36 | 42.26 | 42.97 | 42.71 | 42.7 | 42.24 | 39.68 | 40.02 | 38.49 |



The optimal number of clusters is 4.

| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 39.33 | 47.47 | 53.64 | 45.61 | 46.21 | 41.61 | 40.97 | 40.59 | 40.65 | 40.72 | 35.99 |

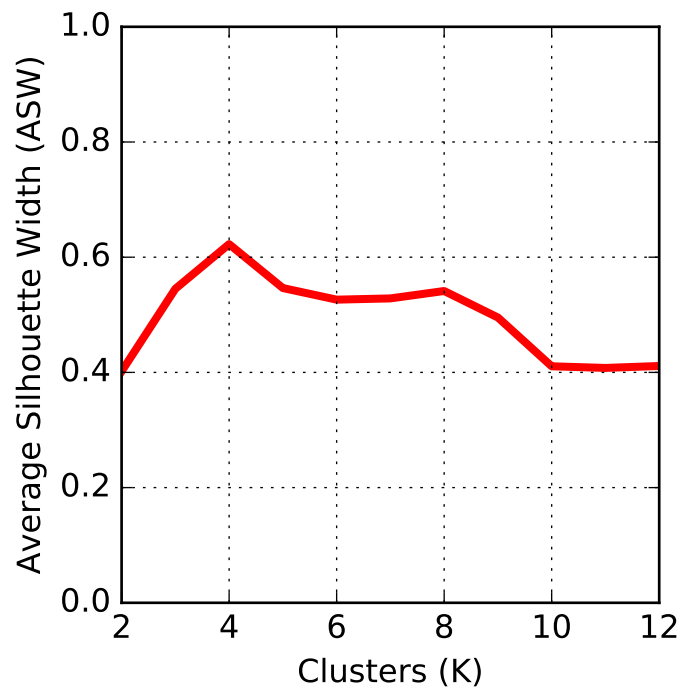
e: 200S_avg_00woA_rh.posteriorcingulate_group_reduced_matrix_20.0to5



The optimal number of clusters is 4.

| | | | | | | | | | | | |
|---------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 48.01 | 47.68 | 48.25 | 43.2 | 40.14 | 40.42 | 38.97 | 37.46 | 41.47 | 40.7 | 38.2 |

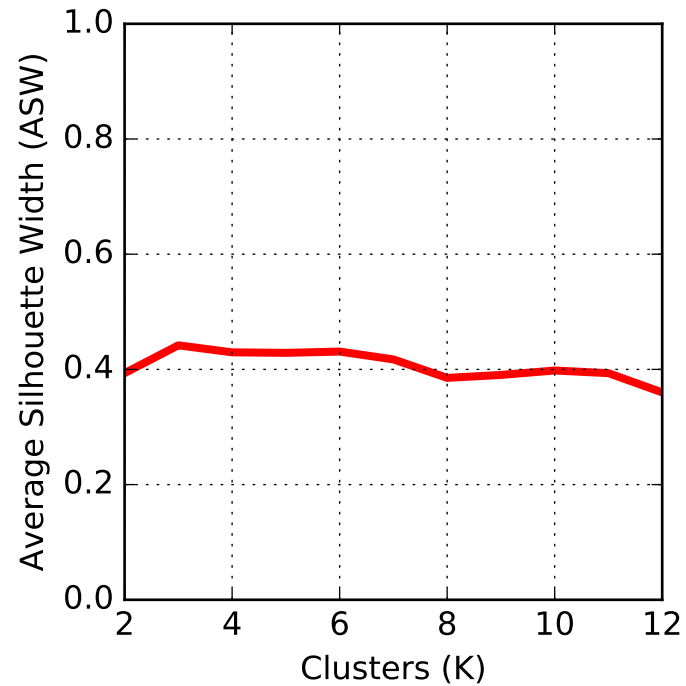
ame: 200S_avg_00woA_rh.postcentral_group_reduced_matrix_20.0to500.0



The optimal number of clusters is 4.

| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 40.18 | 54.51 | 62.27 | 54.64 | 52.63 | 52.85 | 54.13 | 49.53 | 41.06 | 40.77 | 41.11 |

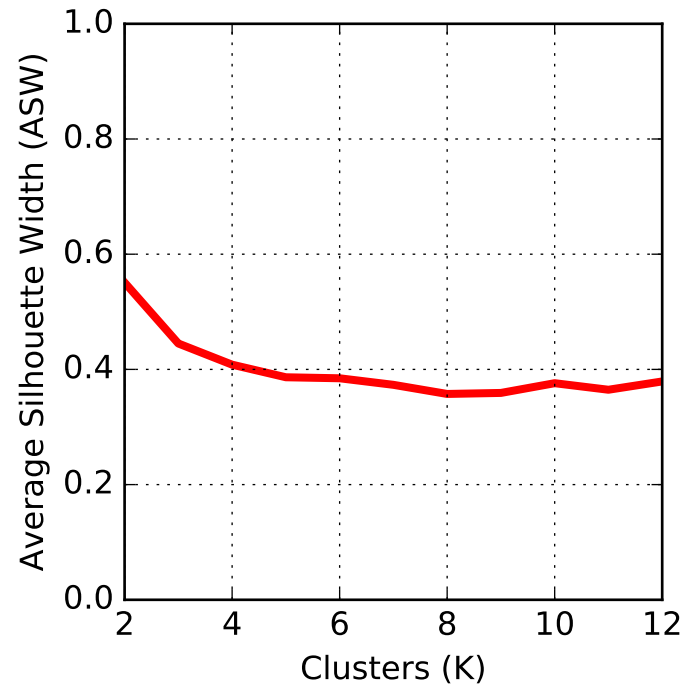
me: 200S_avg_00woA_rh.pericalcarine_group_reduced_matrix_20.0to500.



The optimal number of clusters is 3.

| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 39.35 | 44.18 | 42.96 | 42.87 | 43.09 | 41.74 | 38.53 | 39.04 | 39.81 | 39.35 | 36.01 |

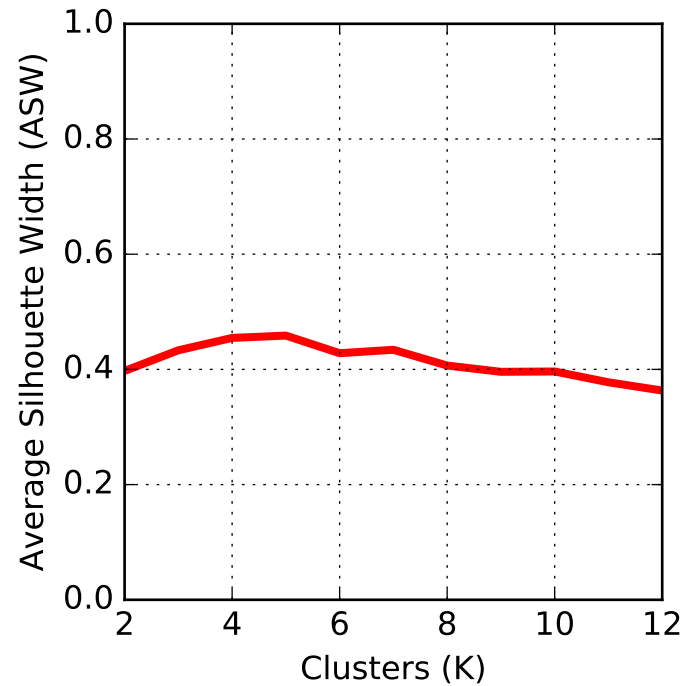
File: 200S_avg_00woA_rh.parstriangularis_group_reduced_matrix_20.0to50



The optimal number of clusters is 2.

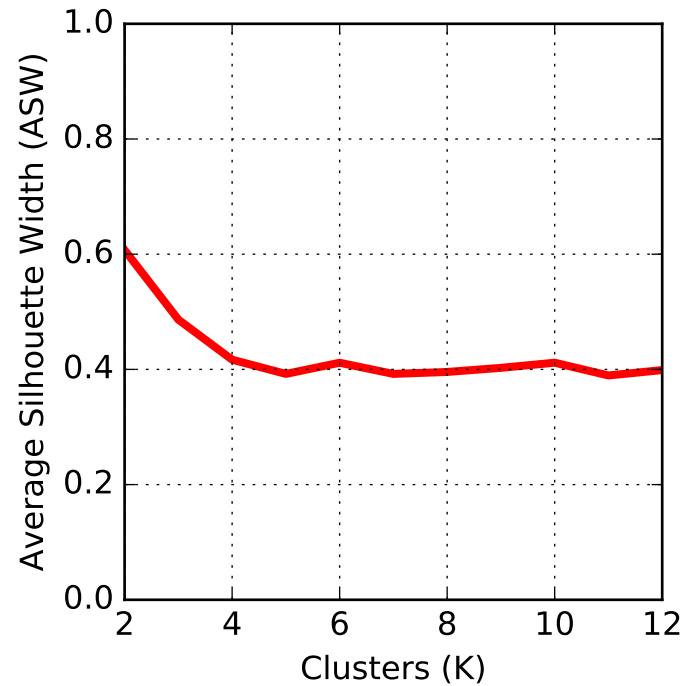
| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 55.08 | 44.49 | 40.82 | 38.63 | 38.46 | 37.32 | 35.74 | 35.92 | 37.6 | 36.47 | 37.91 |

me: 200S_avg_00woA_rh.parsorbitalis_group_reduced_matrix_20.0to500.



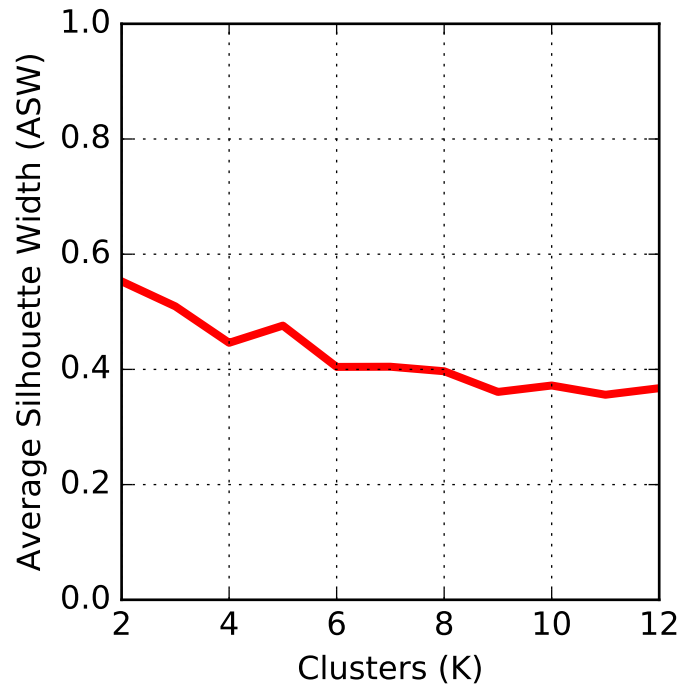
The optimal number of clusters is 5.

| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 39.74 | 43.32 | 45.46 | 45.87 | 42.81 | 43.4 | 40.67 | 39.58 | 39.64 | 37.76 | 36.33 |



The optimal number of clusters is 2.

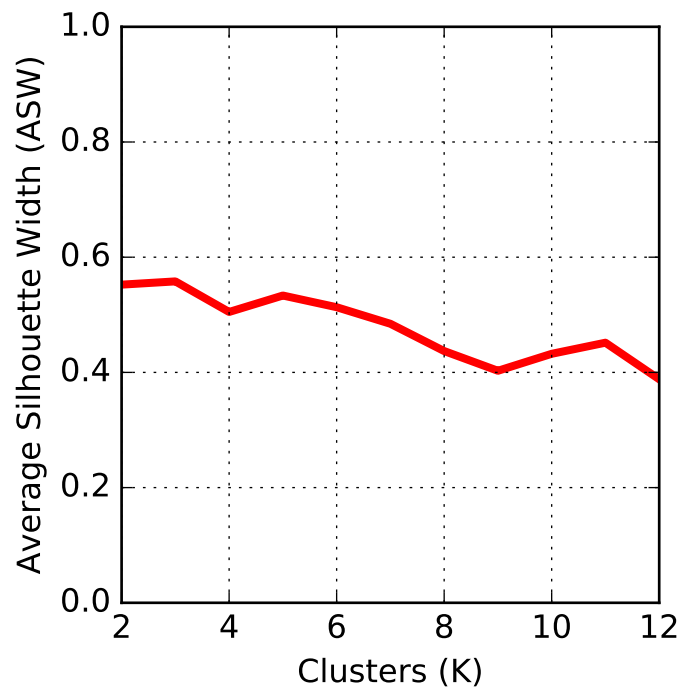
| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 60.72 | 48.64 | 41.69 | 39.22 | 41.15 | 39.22 | 39.55 | 40.27 | 41.16 | 38.95 | 39.88 |



The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|-------|-------|-------|------|-------|-------|-------|-------|------|------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 55.29 | 50.94 | 44.62 | 47.6 | 40.43 | 40.46 | 39.68 | 36.09 | 37.2 | 35.6 | 36.74 |

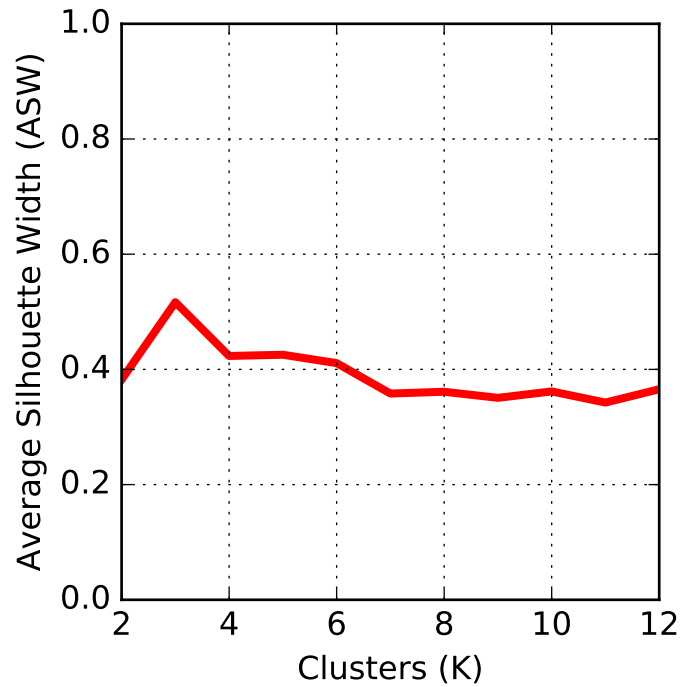
ame: 200S_avg_00woA_rh.paracentral_group_reduced_matrix_20.0to500.0



The optimal number of clusters is 3.

| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---------|-------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| ASW (%) | 55.23 | 55.8 | 50.49 | 53.35 | 51.32 | 48.44 | 43.7 | 40.28 | 43.23 | 45.16 | 38.81 |

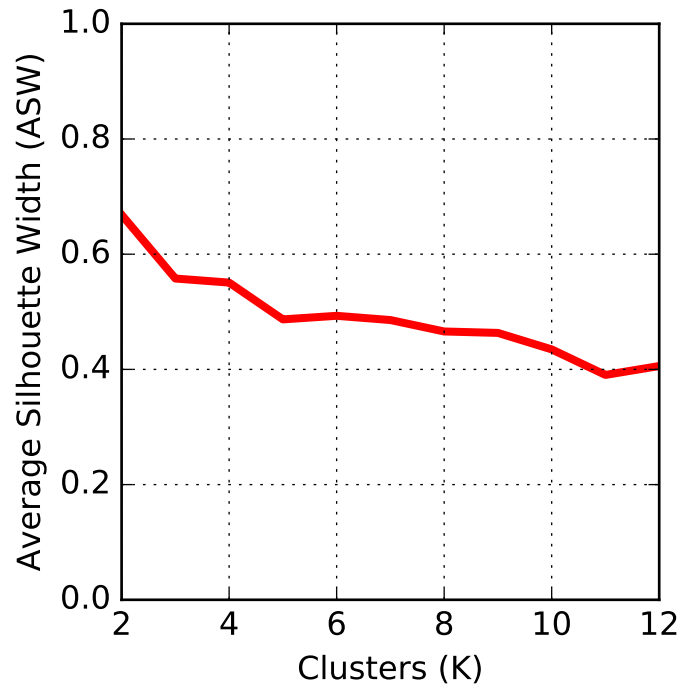
ne: 200S_avg_00woA_rh.middletemporal_group_reduced_matrix_20.0to500



The optimal number of clusters is 3.

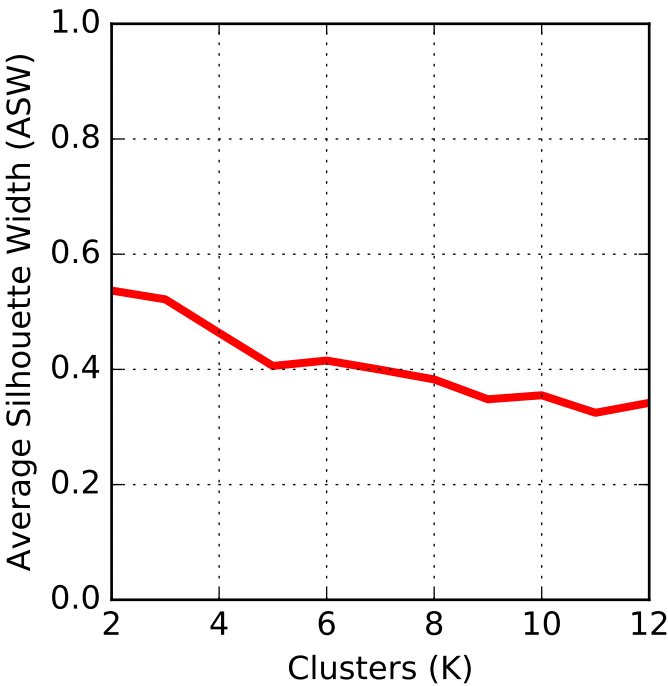
| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 38.23 | 51.67 | 42.33 | 42.54 | 41.09 | 35.81 | 36.12 | 35.06 | 36.18 | 34.24 | 36.55 |

: 200S_avg_00woA_rh.medialorbitofrontal_group_reduced_matrix_20.0to5



The optimal number of clusters is 2.

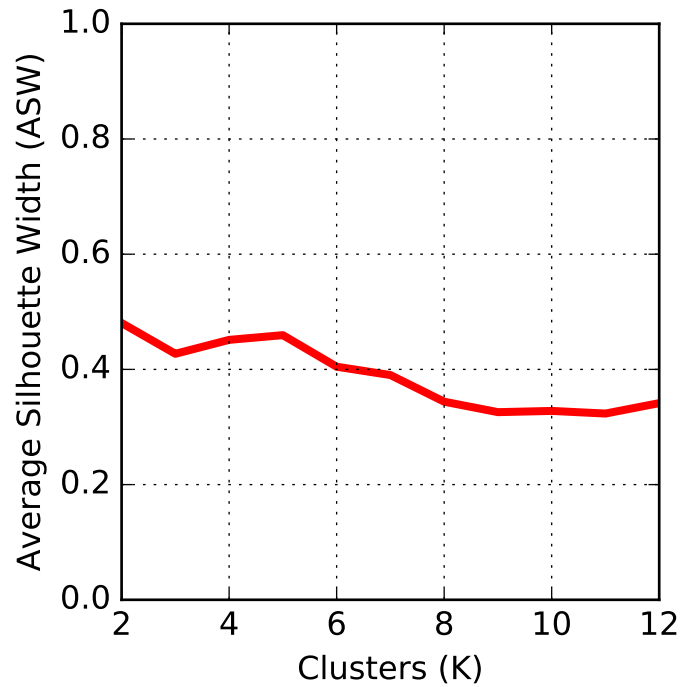
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|---------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 66.85 | 55.77 | 55.07 | 48.68 | 49.3 | 48.57 | 46.58 | 46.33 | 43.47 | 39.04 | 40.58 |



The optimal number of clusters is 2.

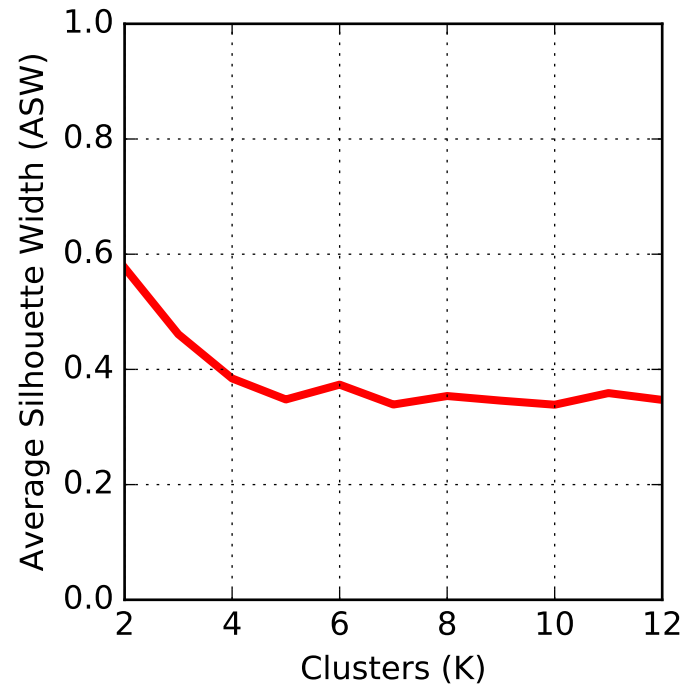
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|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 53.69 | 52.16 | 46.34 | 40.59 | 41.54 | 39.95 | 38.26 | 34.81 | 35.51 | 32.46 | 34.19 |

: 200S_avg_00woA_rh.lateralorbitofrontal_group_reduced_matrix_20.0to5



The optimal number of clusters is 2.

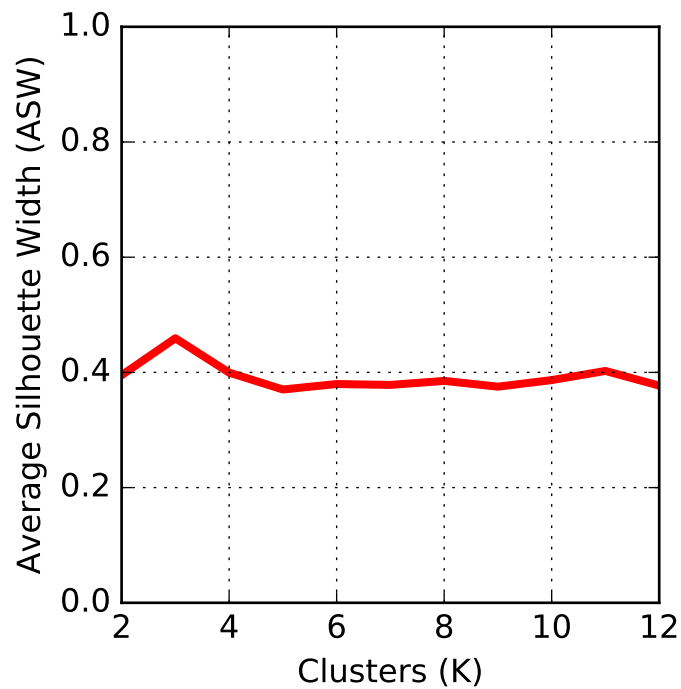
| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 48.06 | 42.71 | 45.13 | 45.95 | 40.47 | 39.02 | 34.39 | 32.58 | 32.79 | 32.33 | 34.14 |



The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|-------|------|-------|-------|-------|------|-------|-------|-------|-------|------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 57.66 | 46.1 | 38.43 | 34.78 | 37.35 | 33.9 | 35.38 | 34.57 | 33.87 | 35.89 | 34.7 |

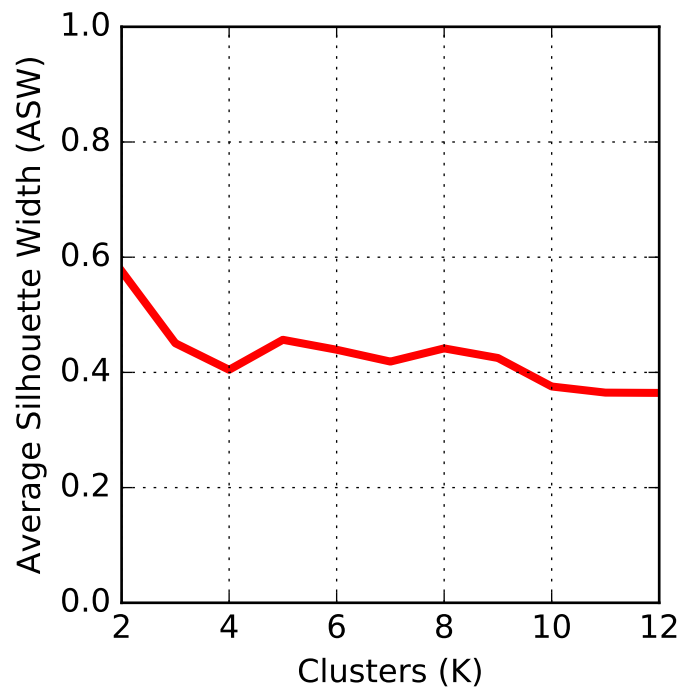
e: 200S_avg_00woA_rh.isthmuscingulate_group_reduced_matrix_20.0to50



The optimal number of clusters is 3.

| | | | | | | | | | | | |
|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 39.5 | 45.93 | 39.96 | 37.03 | 37.98 | 37.83 | 38.53 | 37.52 | 38.67 | 40.25 | 37.71 |

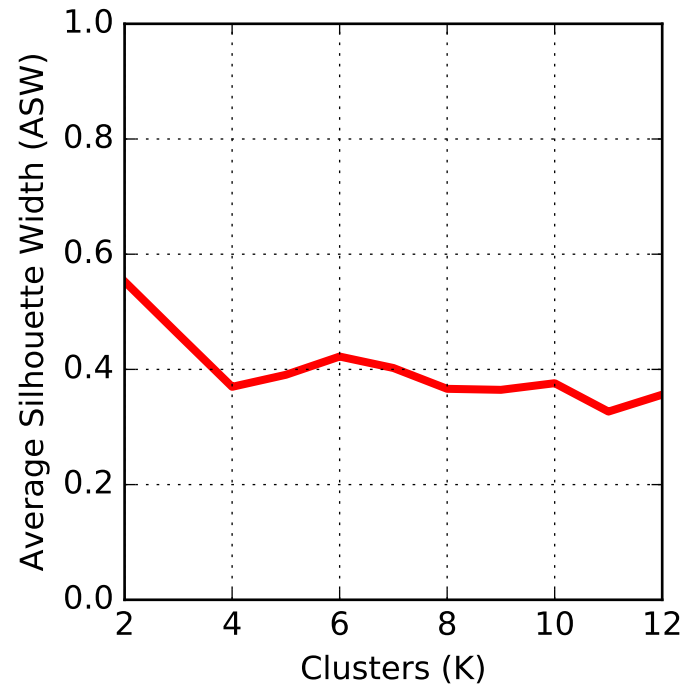
File name: 200S_avg_00woA_rh.insula_group_reduced_matrix_20.0to500.0m



The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 57.6 | 45.06 | 40.45 | 45.66 | 43.93 | 41.88 | 44.17 | 42.5 | 37.55 | 36.49 | 36.44 |

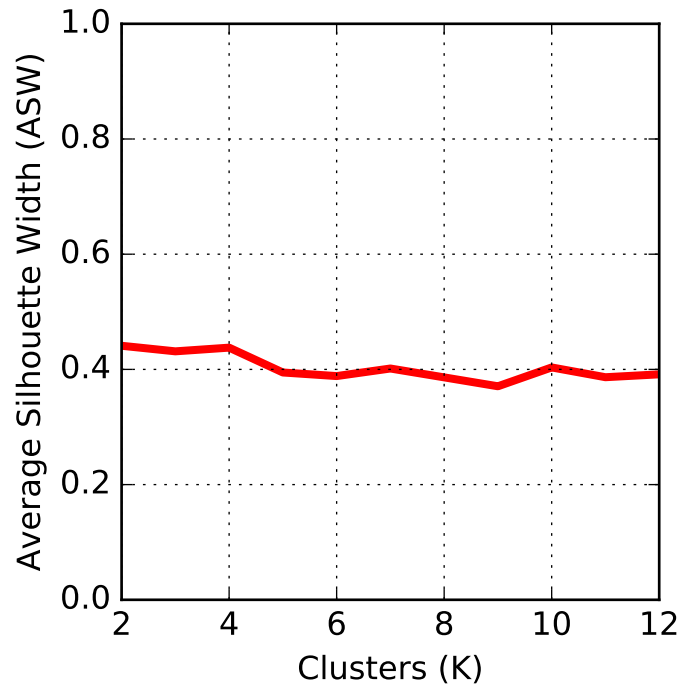
e: 200S_avg_00woA_rh.inferiortemporal_group_reduced_matrix_20.0to50



The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 55.27 | 46.09 | 36.97 | 39.06 | 42.23 | 40.24 | 36.63 | 36.45 | 37.6 | 32.68 | 35.61 |

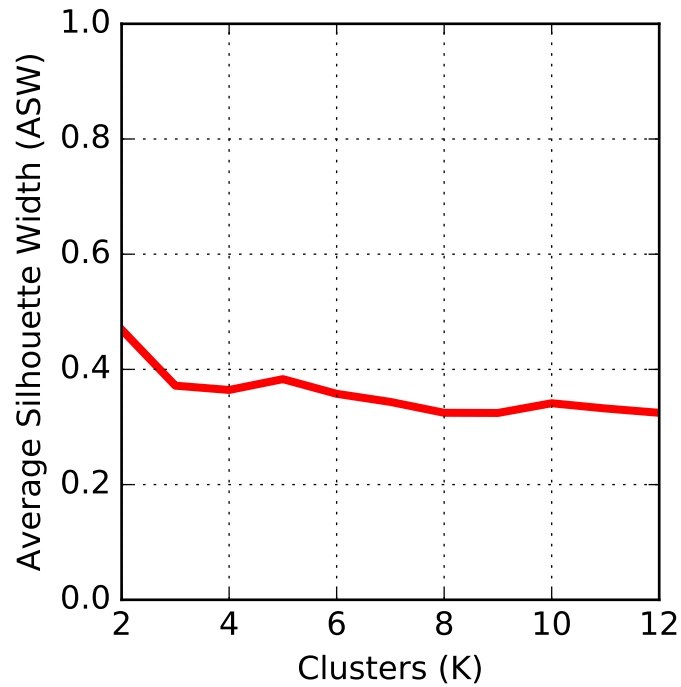
ne: 200S_avg_00woA_rh.inferiorparietal_group_reduced_matrix_20.0to500



The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 44.1 | 43.14 | 43.78 | 39.46 | 38.84 | 40.15 | 38.62 | 37.07 | 40.34 | 38.64 | 39.14 |

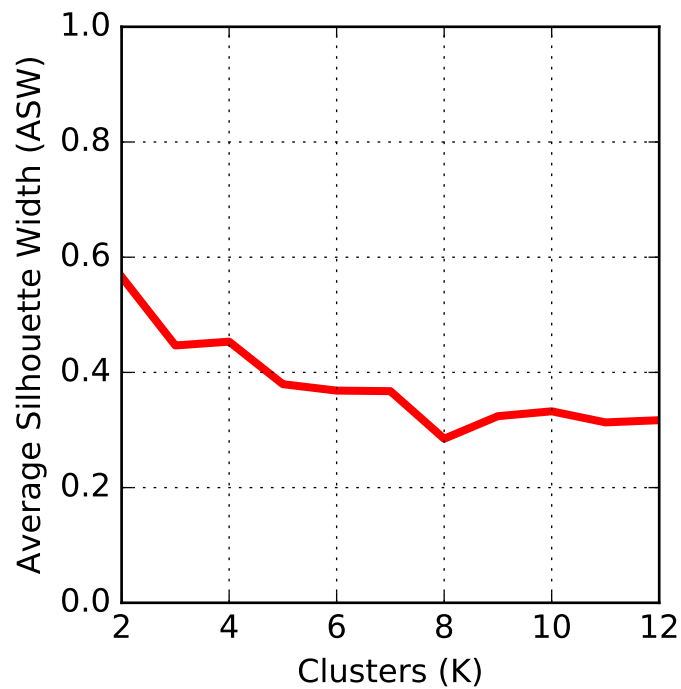
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The optimal number of clusters is 2.

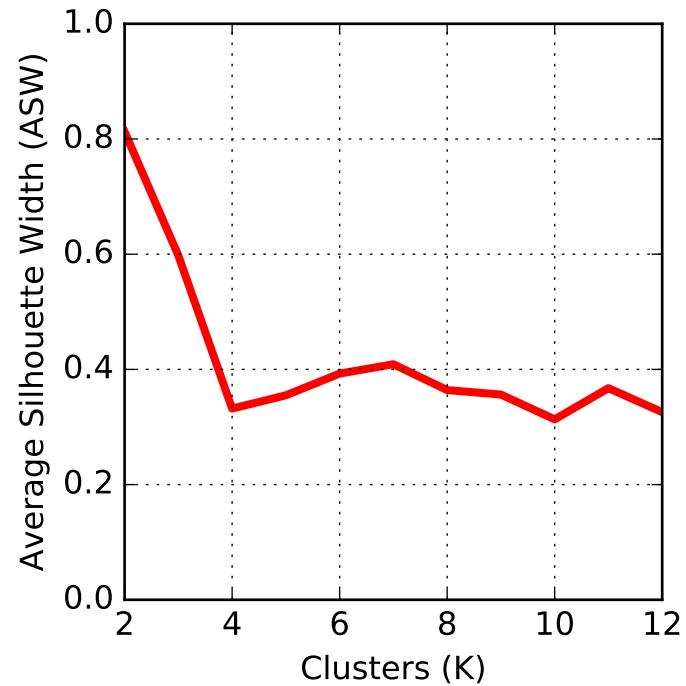
| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 46.92 | 37.17 | 36.43 | 38.31 | 35.76 | 34.35 | 32.47 | 32.44 | 34.12 | 33.22 | 32.46 |

ame: 200S_avg_00woA_rh.frontalpole_group_reduced_matrix_20.0to500.0



The optimal number of clusters is 2.

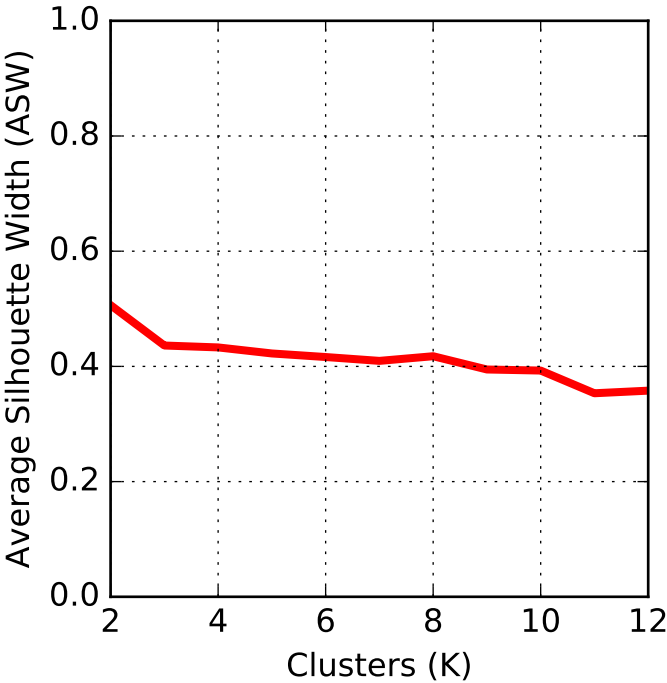
| | | | | | | | | | | | |
|---------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 56.6 | 44.67 | 45.34 | 37.95 | 36.84 | 36.74 | 28.48 | 32.4 | 33.24 | 31.32 | 31.7 |



The optimal number of clusters is 2.

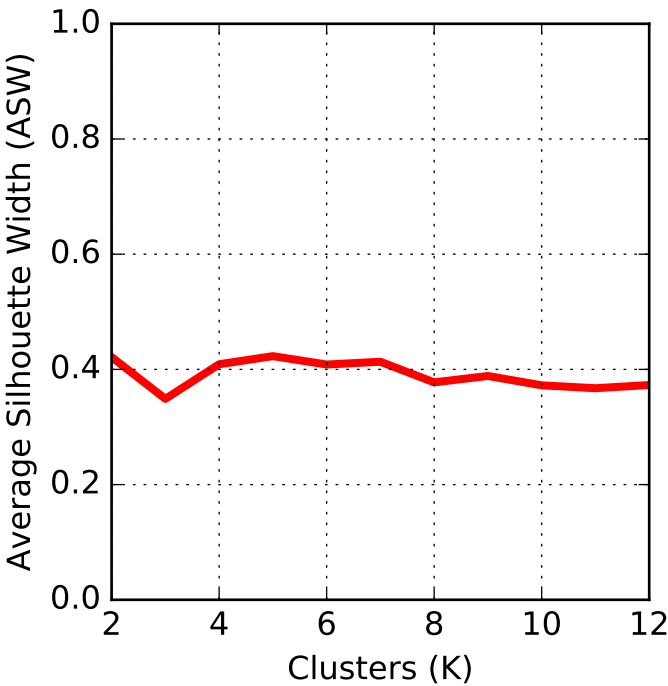
| | | | | | | | | | | | |
|---------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 81.26 | 59.76 | 33.2 | 35.5 | 39.27 | 40.89 | 36.41 | 35.63 | 31.33 | 36.74 | 32.57 |

name: 200S_avg_00woA_rh.cuneus_group_reduced_matrix_20.0to500.0m



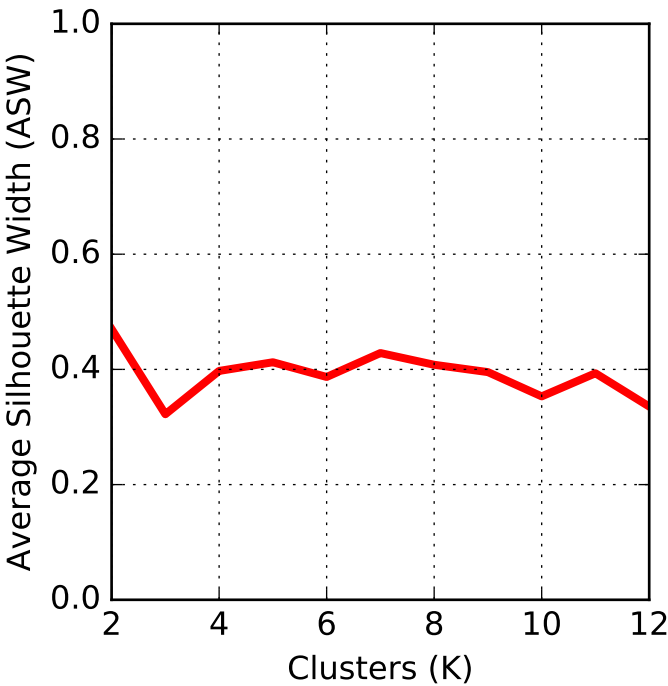
The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 50.63 | 43.62 | 43.29 | 42.25 | 41.63 | 40.96 | 41.77 | 39.46 | 39.28 | 35.34 | 35.79 |



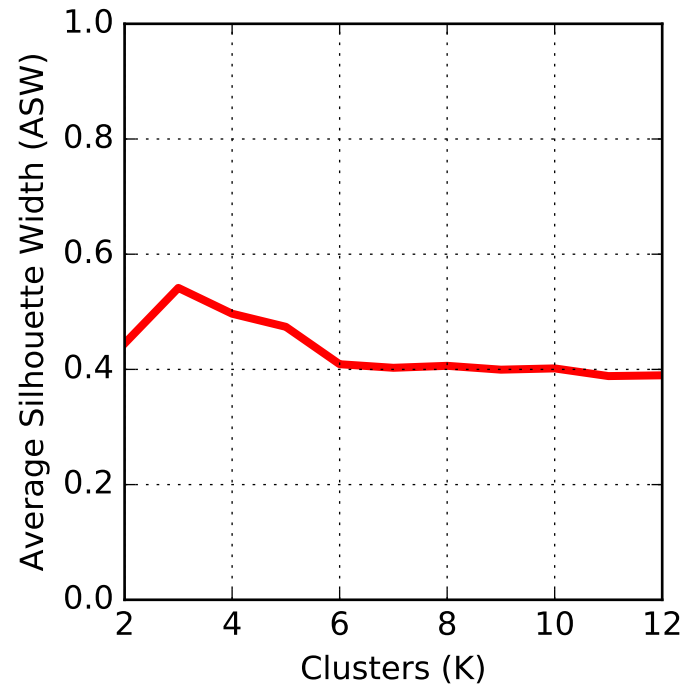
The optimal number of clusters is 5.

| | | | | | | | | | | | |
|---------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 42.14 | 34.88 | 40.9 | 42.3 | 40.85 | 41.33 | 37.75 | 38.86 | 37.23 | 36.73 | 37.29 |



The optimal number of clusters is 2.

| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 47.01 | 32.22 | 39.73 | 41.24 | 38.69 | 42.84 | 40.8 | 39.53 | 35.32 | 39.33 | 33.55 |



The optimal number of clusters is 3.

| | | | | | | | | | | | |
|---------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|
| K | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ASW (%) | 44.49 | 54.15 | 49.67 | 47.39 | 40.9 | 40.28 | 40.62 | 39.95 | 40.17 | 38.84 | 38.97 |