

| Disruption | Day | Views on hateful content | Views on hateful con- tent/total views | Views on non- organization content that is hateful | Hateful comments by audience members | Hateful com- ments/total comments | Hateful audience outdegree | Hateful non- audience outdegree | Audience indegree | Audience outdegree | Audience inde- gree/total indegree | Audience outde- gree/total outdegree |
|------------|-----|--------------------------------|--|---|--|--|----------------------------------|--|----------------------|-----------------------|---|---|
| Cluster 4 | 0 | 2.65 | 0.01 | 2.64 | 0.36 | 0.02 | 0.04 | 0.54 | 1.12 | 1.08 | 0.06 | 0.06 |
| Cluster 4 | 1 | 2.63 | 0.01 | 2.62 | 0.35 | 0.02 | 0.04 | 0.55 | 1.12 | 1.12 | 0.06 | 0.07 |
| Cluster 4 | 2 | 2.75 | 0.01 | 2.75 | 0.41 | 0.02 | 0.04 | 0.60 | 1.16 | 1.12 | 0.06 | 0.07 |
| Cluster 4 | 3 | 2.73 | 0.01 | 2.72 | 0.38 | 0.02 | 0.04 | 0.57 | 1.11 | 1.04 | 0.05 | 0.07 |
| Cluster 4 | 4 | 2.61 | 0.01 | 2.59 | 0.43 | 0.02 | 0.05 | 0.61 | 1.16 | 1.05 | 0.06 | 0.07 |
| Cluster 4 | 5 | 2.62 | 0.01 | 2.61 | 0.42 | 0.02 | 0.05 | 0.57 | 1.12 | 1.10 | 0.06 | 0.07 |
| Cluster 4 | 6 | 2.75 | 0.01 | 2.73 | 0.43 | 0.02 | 0.05 | 0.62 | 1.14 | 1.10 | 0.06 | 0.07 |
| Cluster 4 | 7 | 2.59 | 0.01 | 2.56 | 0.35 | 0.02 | 0.04 | 0.53 | 1.16 | 1.04 | 0.06 | 0.07 |
| Cluster 4 | 8 | 2.60 | 0.01 | 2.58 | 0.35 | 0.03 | 0.03 | 0.51 | 1.16 | 1.05 | 0.05 | 0.06 |
| Cluster 4 | 9 | 2.71 | 0.01 | 2.70 | 0.36 | 0.02 | 0.05 | 0.56 | 1.15 | 1.10 | 0.06 | 0.07 |
| Cluster 4 | 10 | 3.29 | 0.01 | 3.29 | 0.45 | 0.03 | 0.05 | 0.63 | 1.15 | 1.03 | 0.06 | 0.06 |
| Cluster 4 | 11 | 4.01 | 0.01 | 4.00 | 0.54 | 0.03 | 0.06 | 0.77 | 1.10 | 1.05 | 0.06 | 0.07 |
| Cluster 4 | 12 | 5.23 | 0.01 | 5.23 | 0.71 | 0.04 | 0.09 | 1.06 | 1.20 | 1.13 | 0.06 | 0.07 |
| Cluster 4 | 13 | 6.03 | 0.02 | 6.03 | 0.77 | 0.04 | 0.09 | 1.14 | 1.23 | 1.14 | 0.06 | 0.07 |
| Cluster 4 | 14 | 7.20 | 0.02 | 7.20 | 0.85 | 0.04 | 0.10 | 1.34 | 1.20 | 1.21 | 0.05 | 0.07 |
| Cluster 4 | 15 | 9.42 | 0.02 | 9.42 | 0.95 | 0.05 | 0.12 | 1.57 | 1.23 | 1.23 | 0.06 | 0.07 |
| Cluster 4 | 16 | 9.15 | 0.02 | 9.15 | 0.92 | 0.05 | 0.12 | 1.61 | 1.22 | 1.20 | 0.06 | 0.07 |
| Cluster 4 | 17 | 8.59 | 0.02 | 8.59 | 0.91 | 0.05 | 0.10 | 1.49 | 1.35 | 1.22 | 0.05 | 0.07 |
| Cluster 4 | 18 | 6.78 | 0.02 | 6.78 | 0.75 | 0.04 | 0.09 | 1.24 | 1.41 | 1.21 | 0.06 | 0.07 |
| Cluster 4 | 19 | 5.81 | 0.02 | 5.81 | 0.67 | 0.04 | 0.09 | 1.11 | 1.20 | 1.13 | 0.06 | 0.06 |
| Cluster 4 | 20 | 5.40 | 0.02 | 5.40 | 0.63 | 0.03 | 0.08 | 1.07 | 1.12 | 1.09 | 0.05 | 0.06 |
| Cluster 4 | 21 | 4.96 | 0.01 | 4.95 | 0.53 | 0.04 | 0.07 | 0.89 | 1.11 | 1.09 | 0.06 | 0.06 |
| Cluster 4 | 22 | 4.86 | 0.01 | 4.85 | 0.58 | 0.03 | 0.07 | 0.89 | 1.03 | 1.04 | 0.05 | 0.06 |
| Cluster 4 | 23 | 4.84 | 0.01 | 4.84 | 0.54 | 0.03 | 0.07 | 0.91 | 1.02 | 1.07 | 0.05 | 0.07 |

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|-----------|----|------|------|------|------|------|------|------|------|------|------|------|
| Cluster 4 | 24 | 4.64 | 0.01 | 4.64 | 0.46 | 0.03 | 0.06 | 0.83 | 1.01 | 1.02 | 0.06 | 0.07 |
| Cluster 4 | 25 | 4.53 | 0.01 | 4.53 | 0.52 | 0.03 | 0.07 | 0.86 | 1.07 | 0.99 | 0.05 | 0.06 |
| Cluster 4 | 26 | 4.71 | 0.01 | 4.71 | 0.55 | 0.03 | 0.07 | 0.90 | 1.04 | 1.03 | 0.05 | 0.06 |
| Cluster 4 | 27 | 4.61 | 0.01 | 4.61 | 0.54 | 0.03 | 0.07 | 0.87 | 1.11 | 1.02 | 0.06 | 0.07 |
| Cluster 4 | 28 | 3.99 | 0.01 | 3.99 | 0.46 | 0.03 | 0.06 | 0.78 | 1.06 | 0.92 | 0.05 | 0.06 |
| Cluster 4 | 29 | 4.08 | 0.01 | 4.08 | 0.50 | 0.03 | 0.05 | 0.80 | 0.92 | 0.95 | 0.05 | 0.06 |
| Cluster 4 | 30 | 3.99 | 0.01 | 3.99 | 0.51 | 0.03 | 0.05 | 0.76 | 0.99 | 0.93 | 0.05 | 0.06 |
| Cluster 4 | 31 | 3.96 | 0.01 | 3.96 | 0.52 | 0.03 | 0.04 | 0.80 | 1.01 | 0.91 | 0.05 | 0.06 |
| Cluster 4 | 32 | 4.32 | 0.01 | 4.32 | 0.53 | 0.03 | 0.05 | 0.86 | 0.93 | 0.88 | 0.05 | 0.06 |
| Cluster 4 | 33 | 4.17 | 0.01 | 4.17 | 0.54 | 0.03 | 0.05 | 0.85 | 0.87 | 0.85 | 0.05 | 0.06 |
| Cluster 4 | 34 | 4.11 | 0.01 | 4.11 | 0.51 | 0.03 | 0.05 | 0.81 | 0.92 | 0.90 | 0.05 | 0.06 |
| Cluster 4 | 35 | 3.85 | 0.01 | 3.85 | 0.46 | 0.03 | 0.04 | 0.74 | 0.89 | 0.88 | 0.05 | 0.06 |
| Cluster 4 | 36 | 3.30 | 0.01 | 3.30 | 0.41 | 0.03 | 0.04 | 0.68 | 1.10 | 1.05 | 0.05 | 0.06 |
| Cluster 4 | 37 | 3.81 | 0.01 | 3.81 | 0.48 | 0.03 | 0.04 | 0.74 | 0.88 | 0.84 | 0.05 | 0.06 |
| Cluster 4 | 38 | 4.07 | 0.01 | 4.07 | 0.54 | 0.03 | 0.05 | 0.81 | 0.92 | 0.88 | 0.05 | 0.06 |
| Cluster 4 | 39 | 3.82 | 0.01 | 3.82 | 0.50 | 0.03 | 0.05 | 0.83 | 0.95 | 0.89 | 0.05 | 0.06 |
| Cluster 4 | 40 | 3.89 | 0.01 | 3.89 | 0.50 | 0.03 | 0.05 | 0.80 | 0.97 | 0.88 | 0.05 | 0.06 |
| Cluster 4 | 41 | 3.70 | 0.01 | 3.70 | 0.46 | 0.03 | 0.04 | 0.71 | 0.85 | 0.84 | 0.05 | 0.06 |
| Cluster 4 | 42 | 3.63 | 0.01 | 3.63 | 0.45 | 0.03 | 0.04 | 0.74 | 0.87 | 0.84 | 0.05 | 0.06 |
| Cluster 4 | 43 | 3.60 | 0.01 | 3.60 | 0.47 | 0.03 | 0.04 | 0.72 | 0.85 | 0.83 | 0.05 | 0.05 |
| Cluster 4 | 44 | 4.03 | 0.01 | 4.03 | 0.58 | 0.03 | 0.05 | 0.84 | 0.88 | 0.85 | 0.05 | 0.06 |
| Cluster 4 | 45 | 3.76 | 0.01 | 3.76 | 0.52 | 0.03 | 0.05 | 0.81 | 0.90 | 0.85 | 0.05 | 0.06 |
| Cluster 4 | 46 | 3.52 | 0.01 | 3.52 | 0.47 | 0.03 | 0.04 | 0.78 | 0.87 | 0.86 | 0.05 | 0.05 |
| Cluster 4 | 47 | 3.55 | 0.01 | 3.55 | 0.48 | 0.03 | 0.05 | 0.71 | 0.85 | 0.82 | 0.05 | 0.05 |
| Cluster 4 | 48 | 3.29 | 0.01 | 3.29 | 0.41 | 0.03 | 0.04 | 0.66 | 0.90 | 0.83 | 0.05 | 0.06 |
| Cluster 4 | 49 | 3.29 | 0.01 | 3.29 | 0.41 | 0.03 | 0.05 | 0.69 | 1.00 | 0.93 | 0.05 | 0.06 |
| Cluster 4 | 50 | 3.61 | 0.01 | 3.61 | 0.47 | 0.03 | 0.04 | 0.72 | 0.78 | 0.81 | 0.05 | 0.05 |
| Cluster 4 | 51 | 3.85 | 0.01 | 3.85 | 0.50 | 0.03 | 0.04 | 0.78 | 0.90 | 0.80 | 0.05 | 0.06 |
| Cluster 4 | 52 | 3.77 | 0.01 | 3.77 | 0.50 | 0.03 | 0.05 | 0.76 | 0.98 | 0.85 | 0.05 | 0.06 |

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|-----------|----|------|------|------|------|------|------|------|------|------|------|------|
| Cluster 4 | 53 | 3.51 | 0.01 | 3.51 | 0.49 | 0.03 | 0.04 | 0.72 | 0.88 | 0.84 | 0.05 | 0.06 |
| Cluster 4 | 54 | 3.28 | 0.01 | 3.28 | 0.46 | 0.03 | 0.04 | 0.73 | 0.80 | 0.82 | 0.05 | 0.06 |
| Cluster 4 | 55 | 3.20 | 0.01 | 3.20 | 0.48 | 0.03 | 0.03 | 0.72 | 0.86 | 0.82 | 0.05 | 0.06 |
| Cluster 4 | 56 | 3.02 | 0.01 | 3.02 | 0.37 | 0.02 | 0.03 | 0.66 | 0.89 | 0.80 | 0.05 | 0.06 |
| Cluster 4 | 57 | 3.09 | 0.01 | 3.09 | 0.39 | 0.03 | 0.04 | 0.65 | 0.81 | 0.80 | 0.05 | 0.06 |
| Cluster 4 | 58 | 3.29 | 0.01 | 3.29 | 0.46 | 0.03 | 0.04 | 0.74 | 0.95 | 0.81 | 0.05 | 0.05 |
| Cluster 4 | 59 | 3.35 | 0.01 | 3.35 | 0.49 | 0.03 | 0.03 | 0.71 | 0.83 | 0.80 | 0.05 | 0.06 |
| Cluster 4 | 65 | 2.36 | 0.01 | 2.36 | 0.43 | 0.03 | 0.03 | 0.58 | 0.90 | 0.80 | 0.05 | 0.06 |
| Cluster 4 | 66 | 3.08 | 0.01 | 3.08 | 0.47 | 0.03 | 0.04 | 0.70 | 0.83 | 0.83 | 0.04 | 0.06 |
| Cluster 4 | 67 | 3.25 | 0.01 | 3.25 | 0.46 | 0.03 | 0.04 | 0.70 | 0.90 | 0.81 | 0.05 | 0.05 |
| Cluster 4 | 68 | 2.32 | 0.01 | 2.32 | 0.46 | 0.03 | 0.03 | 0.61 | 0.80 | 0.81 | 0.05 | 0.05 |
| Cluster 4 | 69 | 2.80 | 0.01 | 2.80 | 0.49 | 0.03 | 0.03 | 0.69 | 0.90 | 0.81 | 0.05 | 0.05 |
| Cluster 4 | 70 | 2.93 | 0.01 | 2.93 | 0.47 | 0.03 | 0.04 | 0.68 | 0.84 | 0.75 | 0.04 | 0.06 |
| Cluster 4 | 71 | 3.02 | 0.01 | 3.02 | 0.41 | 0.03 | 0.04 | 0.66 | 0.80 | 0.84 | 0.05 | 0.05 |
| Cluster 4 | 72 | 3.15 | 0.01 | 3.15 | 0.43 | 0.03 | 0.04 | 0.64 | 0.89 | 0.78 | 0.05 | 0.05 |
| Cluster 4 | 73 | 3.21 | 0.01 | 3.21 | 0.43 | 0.03 | 0.04 | 0.62 | 0.80 | 0.79 | 0.05 | 0.05 |
| Cluster 1 | 0 | 3.45 | 0.01 | 3.42 | 0.41 | 0.02 | 0.09 | 0.72 | 1.74 | 1.68 | 0.06 | 0.08 |
| Cluster 1 | 1 | 3.46 | 0.01 | 3.44 | 0.52 | 0.03 | 0.12 | 0.75 | 1.76 | 1.75 | 0.06 | 0.07 |
| Cluster 1 | 2 | 3.41 | 0.01 | 3.38 | 0.58 | 0.03 | 0.10 | 0.73 | 1.72 | 1.78 | 0.06 | 0.07 |
| Cluster 1 | 3 | 3.52 | 0.01 | 3.49 | 0.40 | 0.02 | 0.09 | 0.65 | 1.64 | 1.64 | 0.07 | 0.08 |
| Cluster 1 | 4 | 3.25 | 0.01 | 3.24 | 0.48 | 0.02 | 0.10 | 0.70 | 1.58 | 1.58 | 0.06 | 0.07 |
| Cluster 1 | 5 | 3.21 | 0.01 | 3.19 | 0.54 | 0.03 | 0.10 | 0.70 | 1.63 | 1.71 | 0.06 | 0.07 |
| Cluster 1 | 6 | 3.50 | 0.01 | 3.39 | 0.55 | 0.03 | 0.11 | 0.68 | 1.51 | 1.56 | 0.06 | 0.07 |
| Cluster 1 | 7 | 3.32 | 0.01 | 3.25 | 0.40 | 0.03 | 0.08 | 0.64 | 1.45 | 1.64 | 0.06 | 0.07 |
| Cluster 1 | 8 | 3.28 | 0.01 | 3.27 | 0.37 | 0.02 | 0.08 | 0.61 | 1.78 | 1.75 | 0.07 | 0.08 |
| Cluster 1 | 9 | 3.45 | 0.01 | 3.44 | 0.47 | 0.03 | 0.09 | 0.72 | 1.49 | 1.64 | 0.06 | 0.08 |
| Cluster 1 | 10 | 4.00 | 0.01 | 3.99 | 0.54 | 0.03 | 0.12 | 0.81 | 1.54 | 1.60 | 0.06 | 0.07 |
| Cluster 1 | 11 | 4.59 | 0.01 | 4.57 | 0.70 | 0.03 | 0.14 | 0.97 | 1.70 | 1.63 | 0.07 | 0.08 |
| Cluster 1 | 12 | 5.92 | 0.02 | 5.92 | 1.05 | 0.05 | 0.17 | 1.28 | 1.79 | 1.86 | 0.06 | 0.07 |

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|-----------|----|-------|------|-------|------|------|------|------|------|------|------|------|
| Cluster 1 | 13 | 7.26 | 0.02 | 7.25 | 1.25 | 0.05 | 0.23 | 1.57 | 1.74 | 1.93 | 0.07 | 0.08 |
| Cluster 1 | 14 | 8.45 | 0.02 | 8.45 | 1.10 | 0.05 | 0.22 | 1.81 | 1.73 | 1.84 | 0.06 | 0.07 |
| Cluster 1 | 15 | 11.94 | 0.03 | 11.94 | 1.27 | 0.06 | 0.28 | 2.10 | 1.65 | 1.84 | 0.05 | 0.07 |
| Cluster 1 | 16 | 10.20 | 0.03 | 10.20 | 1.37 | 0.06 | 0.25 | 1.93 | 1.72 | 1.80 | 0.06 | 0.07 |
| Cluster 1 | 17 | 9.85 | 0.02 | 9.85 | 1.26 | 0.05 | 0.21 | 1.82 | 2.06 | 1.84 | 0.06 | 0.08 |
| Cluster 1 | 18 | 8.17 | 0.02 | 8.17 | 1.13 | 0.05 | 0.18 | 1.58 | 1.55 | 1.62 | 0.06 | 0.08 |
| Cluster 1 | 19 | 7.21 | 0.02 | 7.21 | 0.92 | 0.04 | 0.14 | 1.55 | 1.51 | 1.56 | 0.06 | 0.07 |
| Cluster 1 | 20 | 6.53 | 0.02 | 6.53 | 0.95 | 0.04 | 0.15 | 1.44 | 1.46 | 1.54 | 0.06 | 0.07 |
| Cluster 1 | 21 | 6.21 | 0.02 | 6.21 | 0.75 | 0.04 | 0.16 | 1.25 | 1.56 | 1.58 | 0.06 | 0.07 |
| Cluster 1 | 22 | 5.94 | 0.02 | 5.94 | 0.85 | 0.04 | 0.12 | 1.26 | 1.38 | 1.51 | 0.05 | 0.07 |
| Cluster 1 | 23 | 5.46 | 0.02 | 5.46 | 0.71 | 0.04 | 0.12 | 1.06 | 1.30 | 1.34 | 0.05 | 0.06 |
| Cluster 1 | 24 | 5.36 | 0.02 | 5.36 | 0.78 | 0.04 | 0.13 | 1.09 | 1.43 | 1.44 | 0.06 | 0.08 |
| Cluster 1 | 25 | 5.43 | 0.02 | 5.43 | 0.88 | 0.04 | 0.15 | 1.13 | 1.42 | 1.47 | 0.05 | 0.08 |
| Cluster 1 | 26 | 5.77 | 0.02 | 5.77 | 0.86 | 0.05 | 0.14 | 1.16 | 1.39 | 1.56 | 0.05 | 0.07 |
| Cluster 1 | 27 | 5.63 | 0.02 | 5.63 | 0.78 | 0.03 | 0.15 | 1.18 | 1.54 | 1.39 | 0.06 | 0.07 |
| Cluster 1 | 28 | 5.27 | 0.01 | 5.27 | 0.61 | 0.03 | 0.11 | 0.93 | 1.42 | 1.42 | 0.05 | 0.07 |
| Cluster 1 | 29 | 4.81 | 0.01 | 4.81 | 0.56 | 0.03 | 0.10 | 1.01 | 1.40 | 1.36 | 0.06 | 0.07 |
| Cluster 1 | 30 | 4.67 | 0.01 | 4.67 | 0.58 | 0.03 | 0.09 | 0.93 | 1.25 | 1.26 | 0.06 | 0.07 |
| Cluster 1 | 31 | 4.79 | 0.01 | 4.79 | 0.63 | 0.03 | 0.07 | 0.95 | 1.16 | 1.33 | 0.05 | 0.07 |
| Cluster 1 | 32 | 5.31 | 0.01 | 5.31 | 0.79 | 0.04 | 0.12 | 1.27 | 1.30 | 1.29 | 0.06 | 0.07 |
| Cluster 1 | 33 | 5.15 | 0.01 | 5.15 | 0.70 | 0.04 | 0.11 | 1.09 | 1.32 | 1.22 | 0.06 | 0.06 |
| Cluster 1 | 34 | 5.24 | 0.01 | 5.24 | 0.67 | 0.04 | 0.11 | 1.04 | 1.46 | 1.32 | 0.05 | 0.06 |
| Cluster 1 | 35 | 5.24 | 0.01 | 5.24 | 0.58 | 0.04 | 0.10 | 1.05 | 1.43 | 1.40 | 0.06 | 0.07 |
| Cluster 1 | 36 | 4.26 | 0.01 | 4.26 | 0.50 | 0.02 | 0.10 | 0.93 | 1.40 | 1.42 | 0.06 | 0.06 |
| Cluster 1 | 37 | 4.86 | 0.01 | 4.86 | 0.78 | 0.04 | 0.13 | 1.02 | 1.27 | 1.25 | 0.06 | 0.06 |
| Cluster 1 | 38 | 5.49 | 0.01 | 5.49 | 0.70 | 0.04 | 0.14 | 1.10 | 1.57 | 1.45 | 0.06 | 0.07 |
| Cluster 1 | 39 | 4.84 | 0.01 | 4.84 | 0.67 | 0.04 | 0.10 | 0.95 | 1.45 | 1.33 | 0.05 | 0.06 |
| Cluster 1 | 40 | 4.80 | 0.01 | 4.80 | 0.82 | 0.04 | 0.11 | 1.00 | 1.34 | 1.36 | 0.05 | 0.06 |
| Cluster 1 | 41 | 4.68 | 0.01 | 4.68 | 0.64 | 0.03 | 0.09 | 0.93 | 1.27 | 1.25 | 0.05 | 0.06 |

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|-----------|----|------|------|------|------|------|------|------|------|------|------|------|
| Cluster 1 | 42 | 4.51 | 0.01 | 4.51 | 0.59 | 0.03 | 0.10 | 0.89 | 1.19 | 1.23 | 0.05 | 0.07 |
| Cluster 1 | 43 | 4.55 | 0.01 | 4.55 | 0.67 | 0.03 | 0.09 | 0.93 | 1.25 | 1.27 | 0.05 | 0.06 |
| Cluster 1 | 44 | 4.69 | 0.01 | 4.69 | 0.66 | 0.03 | 0.09 | 1.00 | 1.20 | 1.28 | 0.05 | 0.06 |
| Cluster 1 | 45 | 4.44 | 0.01 | 4.44 | 0.73 | 0.03 | 0.08 | 1.16 | 1.23 | 1.12 | 0.06 | 0.06 |
| Cluster 1 | 46 | 4.22 | 0.01 | 4.22 | 0.59 | 0.04 | 0.08 | 0.96 | 1.23 | 1.18 | 0.06 | 0.06 |
| Cluster 1 | 47 | 3.97 | 0.01 | 3.97 | 0.57 | 0.03 | 0.10 | 0.83 | 1.33 | 1.27 | 0.06 | 0.06 |
| Cluster 1 | 48 | 3.94 | 0.01 | 3.94 | 0.57 | 0.03 | 0.07 | 0.90 | 1.32 | 1.17 | 0.05 | 0.06 |
| Cluster 1 | 49 | 3.76 | 0.01 | 3.76 | 0.50 | 0.04 | 0.07 | 0.77 | 1.26 | 1.26 | 0.05 | 0.06 |
| Cluster 1 | 50 | 4.50 | 0.01 | 4.50 | 0.69 | 0.04 | 0.11 | 0.96 | 1.33 | 1.33 | 0.06 | 0.07 |
| Cluster 1 | 51 | 4.72 | 0.01 | 4.72 | 0.77 | 0.04 | 0.10 | 1.02 | 1.17 | 1.25 | 0.05 | 0.07 |
| Cluster 1 | 52 | 4.72 | 0.01 | 4.72 | 0.67 | 0.03 | 0.11 | 1.00 | 1.48 | 1.32 | 0.06 | 0.06 |
| Cluster 1 | 53 | 4.19 | 0.01 | 4.19 | 0.56 | 0.04 | 0.11 | 0.96 | 1.40 | 1.22 | 0.06 | 0.05 |
| Cluster 1 | 54 | 3.92 | 0.01 | 3.92 | 0.60 | 0.03 | 0.10 | 0.98 | 1.41 | 1.19 | 0.05 | 0.05 |
| Cluster 1 | 55 | 3.85 | 0.01 | 3.85 | 0.60 | 0.03 | 0.10 | 1.06 | 1.29 | 1.22 | 0.05 | 0.06 |
| Cluster 1 | 56 | 3.63 | 0.01 | 3.63 | 0.53 | 0.03 | 0.08 | 0.87 | 1.32 | 1.24 | 0.05 | 0.06 |
| Cluster 1 | 57 | 3.73 | 0.01 | 3.73 | 0.47 | 0.03 | 0.08 | 0.81 | 1.13 | 1.16 | 0.06 | 0.06 |
| Cluster 1 | 58 | 3.85 | 0.01 | 3.85 | 0.69 | 0.03 | 0.08 | 0.93 | 1.21 | 1.17 | 0.05 | 0.06 |
| Cluster 1 | 59 | 4.08 | 0.01 | 4.08 | 0.52 | 0.03 | 0.09 | 0.76 | 1.32 | 1.10 | 0.05 | 0.06 |
| Cluster 1 | 65 | 3.02 | 0.01 | 3.02 | 0.59 | 0.03 | 0.07 | 0.75 | 1.18 | 1.09 | 0.05 | 0.06 |
| Cluster 1 | 66 | 3.69 | 0.01 | 3.69 | 0.59 | 0.04 | 0.07 | 0.91 | 1.22 | 1.19 | 0.06 | 0.06 |
| Cluster 1 | 67 | 3.90 | 0.01 | 3.90 | 0.57 | 0.03 | 0.06 | 0.83 | 1.15 | 1.09 | 0.05 | 0.07 |
| Cluster 1 | 68 | 3.03 | 0.01 | 3.03 | 0.48 | 0.03 | 0.04 | 0.66 | 1.42 | 1.17 | 0.06 | 0.06 |
| Cluster 1 | 69 | 3.71 | 0.01 | 3.71 | 0.49 | 0.03 | 0.06 | 0.75 | 1.24 | 1.14 | 0.06 | 0.06 |
| Cluster 1 | 70 | 3.98 | 0.01 | 3.98 | 0.69 | 0.03 | 0.08 | 0.91 | 1.34 | 1.21 | 0.06 | 0.07 |
| Cluster 1 | 71 | 4.04 | 0.01 | 4.04 | 0.56 | 0.03 | 0.09 | 0.87 | 1.29 | 1.28 | 0.05 | 0.06 |
| Cluster 1 | 72 | 4.23 | 0.01 | 4.23 | 0.68 | 0.04 | 0.08 | 0.94 | 1.08 | 1.17 | 0.05 | 0.06 |
| Cluster 1 | 73 | 4.26 | 0.01 | 4.26 | 0.59 | 0.03 | 0.07 | 0.89 | 1.12 | 1.12 | 0.05 | 0.05 |
| Cluster 6 | 0 | 4.28 | 0.01 | 4.25 | 0.45 | 0.03 | 0.11 | 0.67 | 1.62 | 1.63 | 0.06 | 0.08 |
| Cluster 6 | 1 | 4.65 | 0.01 | 4.61 | 0.45 | 0.03 | 0.12 | 0.69 | 1.61 | 1.66 | 0.06 | 0.08 |

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|-----------|----|-------|------|-------|------|------|------|------|------|------|------|------|
| Cluster 6 | 2 | 4.70 | 0.01 | 4.66 | 0.50 | 0.03 | 0.12 | 0.72 | 1.69 | 1.69 | 0.06 | 0.08 |
| Cluster 6 | 3 | 4.41 | 0.01 | 4.39 | 0.48 | 0.03 | 0.12 | 0.71 | 1.74 | 1.71 | 0.07 | 0.08 |
| Cluster 6 | 4 | 4.35 | 0.01 | 4.32 | 0.48 | 0.03 | 0.11 | 0.74 | 1.69 | 1.67 | 0.06 | 0.08 |
| Cluster 6 | 5 | 4.16 | 0.01 | 4.14 | 0.51 | 0.03 | 0.11 | 0.69 | 1.64 | 1.66 | 0.07 | 0.08 |
| Cluster 6 | 6 | 4.56 | 0.01 | 4.53 | 0.50 | 0.03 | 0.10 | 0.74 | 1.60 | 1.67 | 0.07 | 0.08 |
| Cluster 6 | 7 | 4.38 | 0.01 | 4.36 | 0.46 | 0.03 | 0.10 | 0.69 | 1.60 | 1.65 | 0.06 | 0.08 |
| Cluster 6 | 8 | 4.52 | 0.01 | 4.50 | 0.49 | 0.03 | 0.11 | 0.65 | 1.58 | 1.66 | 0.06 | 0.08 |
| Cluster 6 | 9 | 4.62 | 0.01 | 4.57 | 0.47 | 0.03 | 0.12 | 0.70 | 1.69 | 1.74 | 0.06 | 0.08 |
| Cluster 6 | 10 | 5.31 | 0.01 | 5.30 | 0.60 | 0.04 | 0.16 | 0.84 | 1.91 | 1.90 | 0.07 | 0.09 |
| Cluster 6 | 11 | 6.65 | 0.02 | 6.64 | 0.80 | 0.04 | 0.19 | 1.05 | 1.82 | 2.05 | 0.07 | 0.09 |
| Cluster 6 | 12 | 7.81 | 0.02 | 7.79 | 1.11 | 0.05 | 0.23 | 1.43 | 2.12 | 2.18 | 0.07 | 0.09 |
| Cluster 6 | 13 | 8.60 | 0.02 | 8.60 | 1.19 | 0.06 | 0.22 | 1.51 | 2.17 | 2.25 | 0.07 | 0.09 |
| Cluster 6 | 14 | 9.57 | 0.02 | 9.56 | 1.17 | 0.05 | 0.21 | 1.55 | 2.19 | 2.20 | 0.07 | 0.09 |
| Cluster 6 | 15 | 12.49 | 0.03 | 12.49 | 1.42 | 0.06 | 0.28 | 2.02 | 2.47 | 2.45 | 0.07 | 0.09 |
| Cluster 6 | 16 | 11.95 | 0.03 | 11.94 | 1.34 | 0.06 | 0.25 | 1.91 | 2.27 | 2.40 | 0.07 | 0.09 |
| Cluster 6 | 17 | 11.32 | 0.02 | 11.32 | 1.28 | 0.06 | 0.25 | 1.80 | 2.32 | 2.39 | 0.07 | 0.09 |
| Cluster 6 | 18 | 9.43 | 0.02 | 9.42 | 1.16 | 0.05 | 0.21 | 1.53 | 2.25 | 2.26 | 0.07 | 0.09 |
| Cluster 6 | 19 | 8.25 | 0.02 | 8.25 | 1.04 | 0.05 | 0.21 | 1.42 | 2.31 | 2.22 | 0.07 | 0.09 |
| Cluster 6 | 20 | 8.02 | 0.02 | 8.02 | 1.01 | 0.05 | 0.20 | 1.39 | 2.14 | 2.16 | 0.07 | 0.09 |
| Cluster 6 | 21 | 7.25 | 0.02 | 7.25 | 0.85 | 0.04 | 0.16 | 1.23 | 2.06 | 2.03 | 0.07 | 0.09 |
| Cluster 6 | 22 | 7.14 | 0.02 | 7.13 | 0.85 | 0.04 | 0.16 | 1.21 | 2.04 | 2.00 | 0.07 | 0.09 |
| Cluster 6 | 23 | 7.18 | 0.02 | 7.18 | 0.87 | 0.04 | 0.17 | 1.16 | 1.99 | 2.01 | 0.07 | 0.09 |
| Cluster 6 | 24 | 7.07 | 0.02 | 7.07 | 0.87 | 0.04 | 0.16 | 1.17 | 2.11 | 1.97 | 0.07 | 0.09 |
| Cluster 6 | 25 | 6.89 | 0.02 | 6.87 | 0.81 | 0.04 | 0.16 | 1.14 | 2.00 | 1.96 | 0.07 | 0.09 |
| Cluster 6 | 26 | 7.12 | 0.02 | 7.12 | 0.86 | 0.04 | 0.16 | 1.18 | 2.00 | 1.97 | 0.07 | 0.08 |
| Cluster 6 | 27 | 7.06 | 0.02 | 7.05 | 0.81 | 0.04 | 0.15 | 1.11 | 2.05 | 1.87 | 0.07 | 0.09 |
| Cluster 6 | 28 | 6.22 | 0.02 | 6.22 | 0.74 | 0.04 | 0.14 | 1.02 | 1.85 | 1.74 | 0.07 | 0.08 |
| Cluster 6 | 29 | 6.26 | 0.01 | 6.26 | 0.75 | 0.04 | 0.13 | 1.00 | 1.80 | 1.76 | 0.07 | 0.08 |
| Cluster 6 | 30 | 6.28 | 0.01 | 6.28 | 0.76 | 0.04 | 0.13 | 1.01 | 1.87 | 1.84 | 0.07 | 0.09 |

| | | | | | | | | | | | | |
|-----------|----|------|------|------|------|------|------|------|------|------|------|------|
| Cluster 6 | 31 | 6.38 | 0.02 | 6.38 | 0.78 | 0.04 | 0.17 | 1.06 | 1.96 | 1.98 | 0.07 | 0.09 |
| Cluster 6 | 32 | 6.70 | 0.02 | 6.70 | 0.85 | 0.04 | 0.16 | 1.14 | 1.99 | 2.01 | 0.07 | 0.09 |
| Cluster 6 | 33 | 6.50 | 0.02 | 6.50 | 0.80 | 0.04 | 0.14 | 1.11 | 1.94 | 2.03 | 0.07 | 0.09 |
| Cluster 6 | 34 | 6.36 | 0.02 | 6.36 | 0.80 | 0.04 | 0.15 | 1.05 | 1.85 | 1.96 | 0.06 | 0.09 |
| Cluster 6 | 35 | 6.10 | 0.01 | 6.10 | 0.77 | 0.04 | 0.14 | 1.01 | 1.82 | 1.87 | 0.07 | 0.09 |
| Cluster 6 | 36 | 5.74 | 0.01 | 5.74 | 0.67 | 0.04 | 0.13 | 0.90 | 1.96 | 1.94 | 0.07 | 0.08 |
| Cluster 6 | 37 | 6.39 | 0.01 | 6.39 | 0.77 | 0.04 | 0.16 | 1.03 | 2.16 | 2.02 | 0.07 | 0.09 |
| Cluster 6 | 38 | 6.68 | 0.02 | 6.68 | 0.80 | 0.04 | 0.16 | 1.10 | 2.06 | 1.97 | 0.07 | 0.09 |
| Cluster 6 | 39 | 6.32 | 0.02 | 6.32 | 0.77 | 0.04 | 0.15 | 1.04 | 2.22 | 2.07 | 0.07 | 0.09 |
| Cluster 6 | 40 | 6.41 | 0.02 | 6.41 | 0.76 | 0.04 | 0.16 | 1.05 | 2.13 | 2.03 | 0.07 | 0.09 |
| Cluster 6 | 41 | 5.98 | 0.01 | 5.98 | 0.73 | 0.04 | 0.15 | 1.03 | 1.96 | 2.00 | 0.07 | 0.09 |
| Cluster 6 | 42 | 5.74 | 0.01 | 5.74 | 0.61 | 0.04 | 0.13 | 0.92 | 1.91 | 1.88 | 0.07 | 0.08 |
| Cluster 6 | 43 | 5.92 | 0.01 | 5.92 | 0.68 | 0.04 | 0.15 | 0.96 | 1.91 | 1.95 | 0.07 | 0.08 |
| Cluster 6 | 44 | 6.39 | 0.02 | 6.39 | 0.79 | 0.04 | 0.17 | 1.15 | 2.18 | 2.15 | 0.07 | 0.09 |
| Cluster 6 | 45 | 6.09 | 0.01 | 6.09 | 0.80 | 0.04 | 0.14 | 1.11 | 1.89 | 1.93 | 0.06 | 0.08 |
| Cluster 6 | 46 | 5.74 | 0.01 | 5.74 | 0.72 | 0.04 | 0.13 | 1.00 | 1.77 | 1.77 | 0.06 | 0.07 |
| Cluster 6 | 47 | 5.85 | 0.01 | 5.85 | 0.67 | 0.04 | 0.13 | 1.02 | 1.64 | 1.74 | 0.06 | 0.08 |
| Cluster 6 | 48 | 5.44 | 0.01 | 5.44 | 0.63 | 0.04 | 0.11 | 0.92 | 1.67 | 1.65 | 0.06 | 0.07 |
| Cluster 6 | 49 | 5.47 | 0.01 | 5.47 | 0.60 | 0.04 | 0.12 | 0.91 | 1.55 | 1.64 | 0.06 | 0.07 |
| Cluster 6 | 50 | 5.71 | 0.01 | 5.71 | 0.64 | 0.04 | 0.11 | 0.92 | 1.57 | 1.60 | 0.06 | 0.07 |
| Cluster 6 | 51 | 5.91 | 0.01 | 5.91 | 0.70 | 0.04 | 0.13 | 1.01 | 1.58 | 1.61 | 0.06 | 0.07 |
| Cluster 6 | 52 | 6.02 | 0.01 | 6.02 | 0.73 | 0.04 | 0.13 | 1.01 | 1.70 | 1.63 | 0.06 | 0.07 |
| Cluster 6 | 53 | 5.82 | 0.01 | 5.82 | 0.71 | 0.04 | 0.13 | 0.97 | 1.72 | 1.67 | 0.06 | 0.07 |
| Cluster 6 | 54 | 5.46 | 0.01 | 5.45 | 0.67 | 0.04 | 0.12 | 0.95 | 1.72 | 1.63 | 0.06 | 0.07 |
| Cluster 6 | 55 | 5.18 | 0.01 | 5.18 | 0.66 | 0.04 | 0.11 | 0.93 | 1.58 | 1.53 | 0.06 | 0.07 |
| Cluster 6 | 56 | 5.03 | 0.01 | 5.03 | 0.62 | 0.04 | 0.10 | 0.85 | 1.61 | 1.49 | 0.05 | 0.07 |
| Cluster 6 | 57 | 5.17 | 0.01 | 5.17 | 0.56 | 0.04 | 0.10 | 0.86 | 1.61 | 1.52 | 0.06 | 0.07 |
| Cluster 6 | 58 | 5.23 | 0.01 | 5.22 | 0.68 | 0.04 | 0.11 | 0.91 | 1.57 | 1.51 | 0.06 | 0.07 |
| Cluster 6 | 59 | 5.19 | 0.01 | 5.19 | 0.65 | 0.04 | 0.11 | 0.88 | 1.60 | 1.51 | 0.06 | 0.07 |

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|-----------|----|------|------|------|------|------|------|------|------|------|------|------|
| Cluster 6 | 65 | 3.86 | 0.01 | 3.86 | 0.65 | 0.04 | 0.09 | 0.75 | 1.45 | 1.43 | 0.06 | 0.07 |
| Cluster 6 | 66 | 5.04 | 0.01 | 5.04 | 0.63 | 0.04 | 0.10 | 0.86 | 1.45 | 1.46 | 0.06 | 0.07 |
| Cluster 6 | 67 | 5.31 | 0.01 | 5.31 | 0.65 | 0.04 | 0.11 | 0.88 | 1.46 | 1.49 | 0.06 | 0.07 |
| Cluster 6 | 68 | 3.90 | 0.01 | 3.90 | 0.62 | 0.04 | 0.09 | 0.73 | 1.38 | 1.42 | 0.06 | 0.07 |
| Cluster 6 | 69 | 4.77 | 0.01 | 4.77 | 0.60 | 0.04 | 0.11 | 0.85 | 1.44 | 1.45 | 0.06 | 0.07 |
| Cluster 6 | 70 | 4.93 | 0.01 | 4.93 | 0.63 | 0.04 | 0.11 | 0.85 | 1.38 | 1.43 | 0.06 | 0.07 |
| Cluster 6 | 71 | 4.96 | 0.01 | 4.96 | 0.59 | 0.04 | 0.12 | 0.90 | 1.41 | 1.47 | 0.06 | 0.07 |
| Cluster 6 | 72 | 5.46 | 0.01 | 5.46 | 0.65 | 0.04 | 0.13 | 0.96 | 1.41 | 1.52 | 0.06 | 0.07 |
| Cluster 6 | 73 | 5.23 | 0.01 | 5.23 | 0.61 | 0.04 | 0.12 | 0.91 | 1.55 | 1.48 | 0.06 | 0.07 |
| Cluster 3 | 0 | 2.11 | 0.01 | 2.10 | 0.22 | 0.02 | 0.02 | 0.32 | 0.73 | 0.75 | 0.04 | 0.05 |
| Cluster 3 | 1 | 2.19 | 0.01 | 2.18 | 0.20 | 0.02 | 0.02 | 0.34 | 0.77 | 0.78 | 0.05 | 0.05 |
| Cluster 3 | 2 | 2.16 | 0.01 | 2.16 | 0.21 | 0.02 | 0.02 | 0.37 | 0.78 | 0.75 | 0.04 | 0.05 |
| Cluster 3 | 3 | 2.17 | 0.01 | 2.16 | 0.21 | 0.02 | 0.02 | 0.35 | 0.76 | 0.74 | 0.04 | 0.05 |
| Cluster 3 | 4 | 2.13 | 0.01 | 2.12 | 0.21 | 0.02 | 0.02 | 0.35 | 0.74 | 0.71 | 0.05 | 0.05 |
| Cluster 3 | 5 | 2.05 | 0.01 | 2.04 | 0.20 | 0.02 | 0.02 | 0.00 | 0.66 | 0.65 | 0.05 | 0.99 |
| Cluster 3 | 6 | 2.19 | 0.01 | 2.17 | 0.22 | 0.02 | 0.02 | 0.35 | 0.70 | 0.71 | 0.04 | 0.05 |
| Cluster 3 | 7 | 2.12 | 0.01 | 2.11 | 0.20 | 0.02 | 0.02 | 0.34 | 0.78 | 0.77 | 0.05 | 0.06 |
| Cluster 3 | 8 | 2.08 | 0.01 | 2.07 | 0.20 | 0.02 | 0.02 | 0.33 | 0.81 | 0.79 | 0.05 | 0.05 |
| Cluster 3 | 9 | 2.22 | 0.01 | 2.20 | 0.20 | 0.02 | 0.02 | 0.35 | 0.71 | 0.74 | 0.05 | 0.05 |
| Cluster 3 | 10 | 2.74 | 0.01 | 2.74 | 0.28 | 0.02 | 0.02 | 0.42 | 0.73 | 0.72 | 0.05 | 0.05 |
| Cluster 3 | 11 | 3.16 | 0.01 | 3.16 | 0.27 | 0.02 | 0.03 | 0.48 | 0.71 | 0.74 | 0.05 | 0.05 |
| Cluster 3 | 12 | 3.88 | 0.01 | 3.88 | 0.38 | 0.02 | 0.04 | 0.60 | 0.72 | 0.76 | 0.05 | 0.05 |
| Cluster 3 | 13 | 4.21 | 0.01 | 4.21 | 0.44 | 0.03 | 0.04 | 0.68 | 0.83 | 0.78 | 0.05 | 0.05 |
| Cluster 3 | 14 | 4.63 | 0.01 | 4.63 | 0.43 | 0.03 | 0.04 | 0.72 | 0.79 | 0.79 | 0.04 | 0.05 |
| Cluster 3 | 15 | 5.73 | 0.01 | 5.73 | 0.45 | 0.03 | 0.05 | 0.84 | 0.83 | 0.82 | 0.05 | 0.05 |
| Cluster 3 | 16 | 5.68 | 0.01 | 5.68 | 0.42 | 0.03 | 0.04 | 0.81 | 0.79 | 0.77 | 0.05 | 0.05 |
| Cluster 3 | 17 | 5.59 | 0.01 | 5.59 | 0.45 | 0.03 | 0.04 | 0.81 | 0.78 | 0.78 | 0.05 | 0.05 |
| Cluster 3 | 18 | 4.54 | 0.01 | 4.54 | 0.37 | 0.03 | 0.03 | 0.00 | 0.70 | 0.69 | 0.05 | 0.98 |
| Cluster 3 | 19 | 3.90 | 0.01 | 3.90 | 0.32 | 0.03 | 0.03 | 0.58 | 0.72 | 0.72 | 0.04 | 0.05 |

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|-----------|----|------|------|------|------|------|------|------|------|------|------|------|
| Cluster 3 | 20 | 3.66 | 0.01 | 3.66 | 0.34 | 0.03 | 0.04 | 0.57 | 0.72 | 0.72 | 0.05 | 0.05 |
| Cluster 3 | 21 | 3.37 | 0.01 | 3.37 | 0.30 | 0.02 | 0.03 | 0.52 | 0.69 | 0.70 | 0.04 | 0.05 |
| Cluster 3 | 22 | 3.30 | 0.01 | 3.30 | 0.28 | 0.02 | 0.03 | 0.52 | 0.72 | 0.70 | 0.04 | 0.05 |
| Cluster 3 | 23 | 3.19 | 0.01 | 3.19 | 0.29 | 0.02 | 0.03 | 0.50 | 0.68 | 0.67 | 0.04 | 0.05 |
| Cluster 3 | 24 | 3.19 | 0.01 | 3.19 | 0.29 | 0.02 | 0.02 | 0.49 | 0.64 | 0.64 | 0.04 | 0.05 |
| Cluster 3 | 25 | 3.15 | 0.01 | 3.15 | 0.30 | 0.02 | 0.03 | 0.48 | 0.66 | 0.66 | 0.04 | 0.05 |
| Cluster 3 | 26 | 3.20 | 0.01 | 3.20 | 0.28 | 0.03 | 0.03 | 0.49 | 0.65 | 0.66 | 0.04 | 0.05 |
| Cluster 3 | 27 | 3.13 | 0.01 | 3.13 | 0.29 | 0.02 | 0.03 | 0.49 | 0.68 | 0.66 | 0.04 | 0.05 |
| Cluster 3 | 28 | 2.87 | 0.01 | 2.87 | 0.25 | 0.02 | 0.03 | 0.44 | 0.62 | 0.63 | 0.04 | 0.05 |
| Cluster 3 | 29 | 2.89 | 0.01 | 2.89 | 0.24 | 0.02 | 0.02 | 0.45 | 0.63 | 0.66 | 0.04 | 0.05 |
| Cluster 3 | 30 | 2.91 | 0.01 | 2.91 | 0.28 | 0.02 | 0.03 | 0.44 | 0.66 | 0.67 | 0.04 | 0.05 |
| Cluster 3 | 31 | 2.81 | 0.01 | 2.81 | 0.25 | 0.02 | 0.03 | 0.42 | 0.65 | 0.66 | 0.04 | 0.05 |
| Cluster 3 | 32 | 2.96 | 0.01 | 2.96 | 0.27 | 0.02 | 0.02 | 0.46 | 0.63 | 0.65 | 0.04 | 0.05 |
| Cluster 3 | 33 | 2.91 | 0.01 | 2.91 | 0.29 | 0.02 | 0.03 | 0.48 | 0.62 | 0.64 | 0.04 | 0.05 |
| Cluster 3 | 34 | 2.86 | 0.01 | 2.86 | 0.27 | 0.02 | 0.03 | 0.44 | 0.61 | 0.64 | 0.04 | 0.05 |
| Cluster 3 | 35 | 2.77 | 0.01 | 2.77 | 0.23 | 0.02 | 0.02 | 0.42 | 0.65 | 0.64 | 0.04 | 0.05 |
| Cluster 3 | 36 | 2.51 | 0.01 | 2.51 | 0.22 | 0.02 | 0.02 | 0.39 | 0.81 | 0.76 | 0.04 | 0.05 |
| Cluster 3 | 37 | 2.77 | 0.01 | 2.77 | 0.23 | 0.02 | 0.02 | 0.43 | 0.66 | 0.65 | 0.04 | 0.05 |
| Cluster 3 | 38 | 2.82 | 0.01 | 2.82 | 0.26 | 0.02 | 0.03 | 0.46 | 0.69 | 0.67 | 0.04 | 0.04 |
| Cluster 3 | 39 | 2.65 | 0.01 | 2.65 | 0.25 | 0.02 | 0.02 | 0.43 | 0.67 | 0.67 | 0.04 | 0.05 |
| Cluster 3 | 40 | 2.73 | 0.01 | 2.73 | 0.25 | 0.02 | 0.02 | 0.42 | 0.65 | 0.66 | 0.04 | 0.05 |
| Cluster 3 | 41 | 2.62 | 0.01 | 2.62 | 0.24 | 0.02 | 0.02 | 0.43 | 0.64 | 0.64 | 0.04 | 0.05 |
| Cluster 3 | 42 | 2.52 | 0.01 | 2.52 | 0.21 | 0.02 | 0.02 | 0.41 | 0.62 | 0.63 | 0.04 | 0.05 |
| Cluster 3 | 43 | 2.62 | 0.01 | 2.62 | 0.24 | 0.02 | 0.02 | 0.40 | 0.63 | 0.65 | 0.04 | 0.05 |
| Cluster 3 | 44 | 2.66 | 0.01 | 2.66 | 0.28 | 0.02 | 0.02 | 0.46 | 0.63 | 0.63 | 0.04 | 0.05 |
| Cluster 3 | 45 | 2.61 | 0.01 | 2.61 | 0.26 | 0.02 | 0.03 | 0.46 | 0.61 | 0.64 | 0.04 | 0.04 |
| Cluster 3 | 46 | 2.40 | 0.01 | 2.40 | 0.26 | 0.02 | 0.02 | 0.40 | 0.64 | 0.64 | 0.04 | 0.05 |
| Cluster 3 | 47 | 2.46 | 0.01 | 2.46 | 0.26 | 0.02 | 0.02 | 0.43 | 0.62 | 0.62 | 0.04 | 0.05 |
| Cluster 3 | 48 | 2.36 | 0.01 | 2.36 | 0.23 | 0.02 | 0.02 | 0.38 | 0.60 | 0.60 | 0.04 | 0.05 |

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|-----------|----|------|------|------|------|------|------|------|------|------|------|------|
| Cluster 3 | 49 | 2.35 | 0.01 | 2.35 | 0.20 | 0.02 | 0.03 | 0.38 | 0.66 | 0.65 | 0.04 | 0.05 |
| Cluster 3 | 50 | 2.49 | 0.01 | 2.49 | 0.22 | 0.02 | 0.02 | 0.39 | 0.64 | 0.62 | 0.04 | 0.05 |
| Cluster 3 | 51 | 2.52 | 0.01 | 2.52 | 0.24 | 0.02 | 0.02 | 0.41 | 0.60 | 0.62 | 0.04 | 0.04 |
| Cluster 3 | 52 | 2.51 | 0.01 | 2.51 | 0.25 | 0.02 | 0.02 | 0.42 | 0.59 | 0.60 | 0.04 | 0.05 |
| Cluster 3 | 53 | 2.48 | 0.01 | 2.48 | 0.24 | 0.02 | 0.02 | 0.44 | 0.61 | 0.61 | 0.04 | 0.05 |
| Cluster 3 | 54 | 2.35 | 0.01 | 2.35 | 0.24 | 0.02 | 0.02 | 0.40 | 0.60 | 0.60 | 0.04 | 0.05 |
| Cluster 3 | 55 | 2.28 | 0.01 | 2.28 | 0.24 | 0.02 | 0.02 | 0.39 | 0.63 | 0.59 | 0.04 | 0.04 |
| Cluster 3 | 56 | 2.24 | 0.01 | 2.24 | 0.22 | 0.02 | 0.02 | 0.37 | 0.61 | 0.62 | 0.04 | 0.05 |
| Cluster 3 | 57 | 2.26 | 0.01 | 2.26 | 0.21 | 0.02 | 0.02 | 0.37 | 0.64 | 0.66 | 0.04 | 0.05 |
| Cluster 3 | 58 | 2.26 | 0.01 | 2.26 | 0.21 | 0.02 | 0.02 | 0.36 | 0.60 | 0.59 | 0.04 | 0.04 |
| Cluster 3 | 59 | 2.26 | 0.01 | 2.26 | 0.22 | 0.02 | 0.02 | 0.36 | 0.60 | 0.62 | 0.04 | 0.05 |
| Cluster 3 | 65 | 1.61 | 0.00 | 1.61 | 0.23 | 0.02 | 0.02 | 0.31 | 0.56 | 0.56 | 0.04 | 0.04 |
| Cluster 3 | 66 | 2.13 | 0.01 | 2.13 | 0.21 | 0.02 | 0.02 | 0.37 | 0.59 | 0.58 | 0.04 | 0.05 |
| Cluster 3 | 67 | 2.23 | 0.01 | 2.23 | 0.21 | 0.02 | 0.02 | 0.37 | 0.56 | 0.57 | 0.04 | 0.05 |
| Cluster 3 | 68 | 1.66 | 0.00 | 1.66 | 0.21 | 0.02 | 0.01 | 0.30 | 0.58 | 0.56 | 0.04 | 0.04 |
| Cluster 3 | 69 | 2.07 | 0.01 | 2.07 | 0.21 | 0.02 | 0.02 | 0.35 | 0.58 | 0.57 | 0.04 | 0.05 |
| Cluster 3 | 70 | 2.15 | 0.01 | 2.15 | 0.20 | 0.02 | 0.01 | 0.34 | 0.56 | 0.56 | 0.04 | 0.05 |
| Cluster 3 | 71 | 2.19 | 0.01 | 2.19 | 0.18 | 0.02 | 0.02 | 0.34 | 0.55 | 0.59 | 0.04 | 0.05 |
| Cluster 3 | 72 | 2.15 | 0.01 | 2.15 | 0.21 | 0.02 | 0.02 | 0.35 | 0.56 | 0.59 | 0.04 | 0.05 |
| Cluster 3 | 73 | 2.22 | 0.01 | 2.22 | 0.22 | 0.02 | 0.02 | 0.38 | 0.57 | 0.57 | 0.04 | 0.04 |
| Cluster 5 | 0 | 3.47 | 0.01 | 3.46 | 0.47 | 0.03 | 0.09 | 0.70 | 1.17 | 1.23 | 0.05 | 0.05 |
| Cluster 5 | 1 | 3.60 | 0.01 | 3.59 | 0.43 | 0.02 | 0.10 | 0.73 | 1.09 | 1.34 | 0.05 | 0.06 |
| Cluster 5 | 2 | 3.71 | 0.01 | 3.70 | 0.45 | 0.03 | 0.09 | 0.76 | 1.07 | 1.30 | 0.04 | 0.05 |
| Cluster 5 | 3 | 3.61 | 0.01 | 3.59 | 0.40 | 0.02 | 0.08 | 0.69 | 1.30 | 1.26 | 0.05 | 0.05 |
| Cluster 5 | 4 | 3.61 | 0.01 | 3.59 | 0.45 | 0.02 | 0.10 | 0.79 | 1.26 | 1.38 | 0.05 | 0.06 |
| Cluster 5 | 5 | 3.43 | 0.01 | 3.42 | 0.46 | 0.02 | 0.08 | 0.75 | 1.09 | 1.33 | 0.04 | 0.06 |
| Cluster 5 | 6 | 3.72 | 0.01 | 3.71 | 0.48 | 0.03 | 0.09 | 0.79 | 1.10 | 1.37 | 0.04 | 0.06 |
| Cluster 5 | 7 | 3.49 | 0.01 | 3.47 | 0.40 | 0.03 | 0.08 | 0.72 | 1.16 | 1.30 | 0.05 | 0.06 |
| Cluster 5 | 8 | 3.41 | 0.01 | 3.39 | 0.41 | 0.02 | 0.08 | 0.65 | 1.09 | 1.25 | 0.05 | 0.06 |

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|-----------|----|-------|------|-------|------|------|------|------|------|------|------|------|
| Cluster 5 | 9 | 3.55 | 0.01 | 3.54 | 0.42 | 0.03 | 0.08 | 0.75 | 1.14 | 1.34 | 0.04 | 0.06 |
| Cluster 5 | 10 | 4.32 | 0.01 | 4.32 | 0.51 | 0.03 | 0.09 | 0.83 | 1.10 | 1.34 | 0.05 | 0.06 |
| Cluster 5 | 11 | 5.04 | 0.01 | 5.04 | 0.66 | 0.04 | 0.11 | 1.04 | 1.01 | 1.23 | 0.04 | 0.05 |
| Cluster 5 | 12 | 6.62 | 0.02 | 6.61 | 0.97 | 0.05 | 0.16 | 1.39 | 1.22 | 1.40 | 0.05 | 0.06 |
| Cluster 5 | 13 | 7.30 | 0.02 | 7.30 | 0.98 | 0.04 | 0.15 | 1.47 | 1.12 | 1.34 | 0.04 | 0.06 |
| Cluster 5 | 14 | 8.89 | 0.02 | 8.89 | 1.00 | 0.05 | 0.20 | 1.75 | 1.17 | 1.43 | 0.05 | 0.06 |
| Cluster 5 | 15 | 11.75 | 0.02 | 11.75 | 1.13 | 0.06 | 0.25 | 2.10 | 1.43 | 1.62 | 0.04 | 0.06 |
| Cluster 5 | 16 | 10.40 | 0.02 | 10.40 | 1.14 | 0.05 | 0.18 | 1.94 | 1.32 | 1.52 | 0.04 | 0.05 |
| Cluster 5 | 17 | 10.31 | 0.02 | 10.31 | 1.03 | 0.05 | 0.19 | 2.01 | 1.36 | 1.56 | 0.04 | 0.05 |
| Cluster 5 | 18 | 8.31 | 0.02 | 8.31 | 0.91 | 0.05 | 0.16 | 1.60 | 1.20 | 1.45 | 0.05 | 0.06 |
| Cluster 5 | 19 | 7.42 | 0.02 | 7.42 | 0.84 | 0.04 | 0.14 | 1.42 | 1.21 | 1.44 | 0.04 | 0.06 |
| Cluster 5 | 20 | 7.11 | 0.02 | 7.11 | 0.80 | 0.04 | 0.14 | 1.47 | 1.15 | 1.30 | 0.05 | 0.06 |
| Cluster 5 | 21 | 6.53 | 0.02 | 6.53 | 0.71 | 0.04 | 0.12 | 1.31 | 1.03 | 1.26 | 0.04 | 0.05 |
| Cluster 5 | 22 | 6.33 | 0.02 | 6.33 | 0.67 | 0.04 | 0.11 | 1.22 | 1.00 | 1.22 | 0.04 | 0.06 |
| Cluster 5 | 23 | 6.25 | 0.02 | 6.25 | 0.69 | 0.04 | 0.11 | 1.26 | 1.06 | 1.24 | 0.04 | 0.05 |
| Cluster 5 | 24 | 6.08 | 0.02 | 6.08 | 0.64 | 0.04 | 0.12 | 1.16 | 0.97 | 1.20 | 0.04 | 0.05 |
| Cluster 5 | 25 | 5.56 | 0.01 | 5.56 | 0.63 | 0.04 | 0.11 | 1.11 | 1.05 | 1.18 | 0.04 | 0.05 |
| Cluster 5 | 26 | 6.11 | 0.02 | 6.11 | 0.58 | 0.04 | 0.11 | 1.13 | 1.11 | 1.24 | 0.04 | 0.06 |
| Cluster 5 | 27 | 5.86 | 0.02 | 5.86 | 0.59 | 0.03 | 0.12 | 1.12 | 1.02 | 1.19 | 0.04 | 0.05 |
| Cluster 5 | 28 | 5.17 | 0.01 | 5.17 | 0.52 | 0.04 | 0.10 | 0.99 | 1.00 | 1.14 | 0.04 | 0.05 |
| Cluster 5 | 29 | 5.16 | 0.01 | 5.16 | 0.56 | 0.04 | 0.10 | 1.04 | 0.96 | 1.16 | 0.04 | 0.05 |
| Cluster 5 | 30 | 4.92 | 0.01 | 4.92 | 0.53 | 0.04 | 0.09 | 0.93 | 0.98 | 1.07 | 0.04 | 0.05 |
| Cluster 5 | 31 | 4.93 | 0.01 | 4.93 | 0.60 | 0.04 | 0.09 | 1.02 | 0.99 | 1.10 | 0.04 | 0.05 |
| Cluster 5 | 32 | 5.26 | 0.01 | 5.26 | 0.61 | 0.04 | 0.09 | 1.07 | 1.00 | 1.06 | 0.04 | 0.05 |
| Cluster 5 | 33 | 5.32 | 0.01 | 5.32 | 0.55 | 0.04 | 0.07 | 1.03 | 0.90 | 1.03 | 0.04 | 0.05 |
| Cluster 5 | 34 | 5.17 | 0.01 | 5.17 | 0.60 | 0.04 | 0.09 | 1.05 | 0.86 | 1.02 | 0.04 | 0.05 |
| Cluster 5 | 35 | 4.83 | 0.01 | 4.83 | 0.52 | 0.04 | 0.08 | 0.95 | 0.90 | 1.05 | 0.04 | 0.04 |
| Cluster 5 | 36 | 4.51 | 0.01 | 4.51 | 0.47 | 0.03 | 0.07 | 0.89 | 1.00 | 1.10 | 0.04 | 0.05 |
| Cluster 5 | 37 | 5.28 | 0.01 | 5.28 | 0.57 | 0.04 | 0.10 | 1.03 | 0.97 | 1.06 | 0.04 | 0.05 |

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|-----------|----|------|------|------|------|------|------|------|------|------|------|------|
| Cluster 5 | 38 | 5.43 | 0.01 | 5.43 | 0.62 | 0.04 | 0.10 | 1.13 | 0.97 | 1.10 | 0.04 | 0.05 |
| Cluster 5 | 39 | 4.99 | 0.01 | 4.99 | 0.53 | 0.04 | 0.10 | 1.03 | 1.02 | 1.12 | 0.04 | 0.05 |
| Cluster 5 | 40 | 4.96 | 0.01 | 4.96 | 0.55 | 0.04 | 0.08 | 1.04 | 0.99 | 1.04 | 0.04 | 0.04 |
| Cluster 5 | 41 | 4.55 | 0.01 | 4.55 | 0.54 | 0.03 | 0.07 | 0.96 | 0.92 | 1.00 | 0.04 | 0.05 |
| Cluster 5 | 42 | 4.28 | 0.01 | 4.28 | 0.53 | 0.04 | 0.08 | 0.92 | 0.83 | 0.98 | 0.04 | 0.04 |
| Cluster 5 | 43 | 4.58 | 0.01 | 4.58 | 0.51 | 0.04 | 0.08 | 0.97 | 0.89 | 1.03 | 0.04 | 0.04 |
| Cluster 5 | 44 | 4.88 | 0.01 | 4.88 | 0.61 | 0.04 | 0.09 | 1.15 | 0.91 | 1.12 | 0.04 | 0.05 |
| Cluster 5 | 45 | 4.71 | 0.01 | 4.71 | 0.52 | 0.03 | 0.09 | 1.05 | 0.92 | 1.04 | 0.04 | 0.05 |
| Cluster 5 | 46 | 4.36 | 0.01 | 4.36 | 0.49 | 0.03 | 0.07 | 0.97 | 0.92 | 1.00 | 0.04 | 0.04 |
| Cluster 5 | 47 | 4.43 | 0.01 | 4.43 | 0.50 | 0.03 | 0.08 | 0.96 | 0.87 | 0.97 | 0.04 | 0.05 |
| Cluster 5 | 48 | 4.02 | 0.01 | 4.02 | 0.50 | 0.03 | 0.07 | 0.93 | 0.86 | 1.02 | 0.04 | 0.05 |
| Cluster 5 | 49 | 3.94 | 0.01 | 3.94 | 0.53 | 0.03 | 0.07 | 0.95 | 0.96 | 1.06 | 0.04 | 0.05 |
| Cluster 5 | 50 | 4.36 | 0.01 | 4.36 | 0.49 | 0.04 | 0.08 | 0.93 | 0.89 | 0.99 | 0.03 | 0.04 |
| Cluster 5 | 51 | 4.84 | 0.01 | 4.84 | 0.57 | 0.04 | 0.07 | 0.95 | 0.87 | 0.98 | 0.04 | 0.05 |
| Cluster 5 | 52 | 4.80 | 0.01 | 4.80 | 0.49 | 0.03 | 0.07 | 0.93 | 0.88 | 0.98 | 0.04 | 0.05 |
| Cluster 5 | 53 | 4.49 | 0.01 | 4.49 | 0.54 | 0.03 | 0.07 | 0.95 | 0.88 | 0.97 | 0.04 | 0.05 |
| Cluster 5 | 54 | 4.06 | 0.01 | 4.06 | 0.56 | 0.04 | 0.06 | 0.94 | 0.80 | 0.92 | 0.04 | 0.05 |
| Cluster 5 | 55 | 3.93 | 0.01 | 3.93 | 0.50 | 0.03 | 0.06 | 0.93 | 0.83 | 0.93 | 0.04 | 0.04 |
| Cluster 5 | 56 | 3.78 | 0.01 | 3.78 | 0.45 | 0.03 | 0.06 | 0.88 | 0.83 | 0.91 | 0.03 | 0.04 |
| Cluster 5 | 57 | 3.79 | 0.01 | 3.79 | 0.46 | 0.03 | 0.07 | 0.86 | 0.88 | 1.00 | 0.04 | 0.05 |
| Cluster 5 | 58 | 4.13 | 0.01 | 4.13 | 0.49 | 0.03 | 0.06 | 0.89 | 0.89 | 0.96 | 0.04 | 0.05 |
| Cluster 5 | 59 | 4.05 | 0.01 | 4.05 | 0.44 | 0.03 | 0.07 | 0.90 | 0.83 | 0.95 | 0.04 | 0.05 |
| Cluster 5 | 65 | 2.84 | 0.01 | 2.84 | 0.51 | 0.03 | 0.05 | 0.73 | 0.78 | 0.94 | 0.03 | 0.04 |
| Cluster 5 | 66 | 3.66 | 0.01 | 3.66 | 0.51 | 0.03 | 0.06 | 0.84 | 0.79 | 0.92 | 0.04 | 0.04 |
| Cluster 5 | 67 | 3.94 | 0.01 | 3.94 | 0.54 | 0.03 | 0.06 | 0.92 | 0.81 | 0.95 | 0.04 | 0.05 |
| Cluster 5 | 68 | 2.88 | 0.01 | 2.88 | 0.49 | 0.03 | 0.05 | 0.70 | 0.77 | 0.91 | 0.04 | 0.05 |
| Cluster 5 | 69 | 3.43 | 0.01 | 3.43 | 0.47 | 0.04 | 0.06 | 0.76 | 0.79 | 0.94 | 0.04 | 0.05 |
| Cluster 5 | 70 | 3.53 | 0.01 | 3.53 | 0.40 | 0.03 | 0.06 | 0.74 | 0.73 | 0.86 | 0.03 | 0.04 |
| Cluster 5 | 71 | 3.86 | 0.01 | 3.86 | 0.45 | 0.03 | 0.06 | 0.76 | 0.77 | 0.94 | 0.04 | 0.04 |

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|-----------|----|-------|------|-------|------|------|------|------|------|------|------|------|
| Cluster 5 | 72 | 3.81 | 0.01 | 3.81 | 0.42 | 0.03 | 0.06 | 0.81 | 0.77 | 0.91 | 0.04 | 0.05 |
| Cluster 5 | 73 | 3.79 | 0.01 | 3.79 | 0.48 | 0.03 | 0.07 | 0.83 | 0.79 | 0.97 | 0.03 | 0.05 |
| Cluster 2 | 0 | 2.91 | 0.01 | 2.87 | 0.39 | 0.02 | 0.07 | 0.53 | 1.18 | 1.20 | 0.06 | 0.07 |
| Cluster 2 | 1 | 3.05 | 0.01 | 3.00 | 0.45 | 0.03 | 0.05 | 0.59 | 1.33 | 1.16 | 0.06 | 0.07 |
| Cluster 2 | 2 | 3.16 | 0.01 | 3.14 | 0.43 | 0.03 | 0.07 | 0.54 | 1.34 | 1.16 | 0.06 | 0.07 |
| Cluster 2 | 3 | 3.12 | 0.01 | 3.08 | 0.40 | 0.03 | 0.06 | 0.53 | 1.32 | 1.17 | 0.06 | 0.07 |
| Cluster 2 | 4 | 3.10 | 0.01 | 3.08 | 0.35 | 0.03 | 0.06 | 0.53 | 1.25 | 1.17 | 0.05 | 0.07 |
| Cluster 2 | 5 | 3.00 | 0.01 | 3.00 | 0.34 | 0.02 | 0.06 | 0.48 | 1.35 | 1.24 | 0.06 | 0.07 |
| Cluster 2 | 6 | 3.32 | 0.01 | 3.28 | 0.38 | 0.03 | 0.07 | 0.55 | 1.39 | 1.20 | 0.06 | 0.06 |
| Cluster 2 | 7 | 2.94 | 0.01 | 2.90 | 0.32 | 0.02 | 0.06 | 0.47 | 1.24 | 1.09 | 0.06 | 0.07 |
| Cluster 2 | 8 | 2.98 | 0.01 | 2.97 | 0.35 | 0.02 | 0.06 | 0.51 | 1.47 | 1.16 | 0.06 | 0.07 |
| Cluster 2 | 9 | 3.22 | 0.01 | 3.18 | 0.33 | 0.02 | 0.07 | 0.55 | 1.41 | 1.23 | 0.06 | 0.07 |
| Cluster 2 | 10 | 4.25 | 0.01 | 4.25 | 0.50 | 0.03 | 0.08 | 0.66 | 1.45 | 1.29 | 0.06 | 0.07 |
| Cluster 2 | 11 | 4.90 | 0.01 | 4.90 | 0.57 | 0.04 | 0.08 | 0.73 | 1.39 | 1.16 | 0.06 | 0.07 |
| Cluster 2 | 12 | 6.29 | 0.02 | 6.28 | 0.71 | 0.04 | 0.13 | 0.98 | 1.43 | 1.35 | 0.06 | 0.07 |
| Cluster 2 | 13 | 7.04 | 0.02 | 7.04 | 0.85 | 0.04 | 0.12 | 1.13 | 1.56 | 1.36 | 0.06 | 0.07 |
| Cluster 2 | 14 | 8.13 | 0.02 | 8.13 | 0.85 | 0.04 | 0.15 | 1.28 | 1.48 | 1.29 | 0.06 | 0.06 |
| Cluster 2 | 15 | 10.84 | 0.02 | 10.84 | 0.96 | 0.04 | 0.16 | 1.62 | 1.55 | 1.31 | 0.05 | 0.06 |
| Cluster 2 | 16 | 9.71 | 0.02 | 9.71 | 0.89 | 0.04 | 0.12 | 1.46 | 1.41 | 1.24 | 0.05 | 0.06 |
| Cluster 2 | 17 | 9.44 | 0.02 | 9.44 | 0.86 | 0.05 | 0.14 | 1.38 | 1.47 | 1.26 | 0.05 | 0.06 |
| Cluster 2 | 18 | 7.84 | 0.02 | 7.84 | 0.79 | 0.04 | 0.13 | 1.17 | 1.34 | 1.23 | 0.04 | 0.06 |
| Cluster 2 | 19 | 6.55 | 0.02 | 6.55 | 0.63 | 0.04 | 0.10 | 1.02 | 1.37 | 1.21 | 0.05 | 0.06 |
| Cluster 2 | 20 | 6.19 | 0.02 | 6.19 | 0.69 | 0.03 | 0.12 | 1.02 | 1.26 | 1.17 | 0.05 | 0.06 |
| Cluster 2 | 21 | 5.69 | 0.01 | 5.69 | 0.64 | 0.04 | 0.10 | 0.95 | 1.21 | 1.07 | 0.05 | 0.06 |
| Cluster 2 | 22 | 5.72 | 0.01 | 5.72 | 0.61 | 0.04 | 0.09 | 0.85 | 1.37 | 1.19 | 0.05 | 0.06 |
| Cluster 2 | 23 | 5.56 | 0.01 | 5.56 | 0.58 | 0.03 | 0.09 | 0.89 | 1.33 | 1.13 | 0.05 | 0.06 |
| Cluster 2 | 24 | 5.25 | 0.01 | 5.25 | 0.69 | 0.03 | 0.09 | 0.91 | 1.22 | 1.02 | 0.06 | 0.06 |
| Cluster 2 | 25 | 5.20 | 0.02 | 5.20 | 0.56 | 0.03 | 0.08 | 0.87 | 1.29 | 1.15 | 0.05 | 0.06 |
| Cluster 2 | 26 | 5.48 | 0.01 | 5.48 | 0.74 | 0.03 | 0.10 | 0.89 | 1.22 | 1.18 | 0.05 | 0.06 |

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|-----------|----|------|------|------|------|------|------|------|------|------|------|------|
| Cluster 2 | 27 | 5.37 | 0.01 | 5.37 | 0.55 | 0.03 | 0.10 | 0.76 | 1.22 | 1.10 | 0.05 | 0.06 |
| Cluster 2 | 28 | 4.41 | 0.01 | 4.41 | 0.48 | 0.04 | 0.08 | 0.81 | 1.15 | 1.00 | 0.06 | 0.06 |
| Cluster 2 | 29 | 4.86 | 0.01 | 4.86 | 0.46 | 0.03 | 0.07 | 0.87 | 1.15 | 1.03 | 0.05 | 0.06 |
| Cluster 2 | 30 | 4.80 | 0.01 | 4.80 | 0.67 | 0.04 | 0.08 | 0.81 | 1.24 | 1.00 | 0.05 | 0.06 |
| Cluster 2 | 31 | 4.71 | 0.01 | 4.71 | 0.54 | 0.03 | 0.07 | 0.78 | 1.13 | 1.02 | 0.05 | 0.05 |
| Cluster 2 | 32 | 5.06 | 0.01 | 5.06 | 0.57 | 0.04 | 0.09 | 0.81 | 1.18 | 1.00 | 0.05 | 0.06 |
| Cluster 2 | 33 | 4.98 | 0.01 | 4.98 | 0.52 | 0.03 | 0.08 | 0.81 | 1.19 | 0.98 | 0.05 | 0.05 |
| Cluster 2 | 34 | 4.70 | 0.01 | 4.70 | 0.53 | 0.04 | 0.07 | 0.75 | 1.24 | 0.97 | 0.04 | 0.06 |
| Cluster 2 | 35 | 4.53 | 0.01 | 4.53 | 0.51 | 0.04 | 0.07 | 0.70 | 1.08 | 0.95 | 0.04 | 0.05 |
| Cluster 2 | 36 | 4.06 | 0.01 | 4.06 | 0.35 | 0.02 | 0.05 | 0.58 | 1.40 | 1.07 | 0.05 | 0.05 |
| Cluster 2 | 37 | 4.85 | 0.01 | 4.85 | 0.49 | 0.03 | 0.07 | 0.75 | 1.21 | 0.97 | 0.05 | 0.05 |
| Cluster 2 | 38 | 5.20 | 0.01 | 5.20 | 0.56 | 0.04 | 0.08 | 0.76 | 1.14 | 0.99 | 0.05 | 0.06 |
| Cluster 2 | 39 | 4.52 | 0.01 | 4.52 | 0.52 | 0.04 | 0.07 | 0.76 | 1.19 | 0.89 | 0.05 | 0.06 |
| Cluster 2 | 40 | 4.66 | 0.01 | 4.66 | 0.56 | 0.03 | 0.06 | 0.74 | 1.18 | 0.93 | 0.05 | 0.06 |
| Cluster 2 | 41 | 4.30 | 0.01 | 4.30 | 0.44 | 0.03 | 0.05 | 0.67 | 1.15 | 0.90 | 0.05 | 0.05 |
| Cluster 2 | 42 | 4.35 | 0.01 | 4.35 | 0.49 | 0.03 | 0.08 | 0.73 | 1.13 | 0.95 | 0.05 | 0.06 |
| Cluster 2 | 43 | 4.29 | 0.01 | 4.29 | 0.46 | 0.03 | 0.05 | 0.72 | 1.00 | 0.86 | 0.05 | 0.05 |
| Cluster 2 | 44 | 4.48 | 0.01 | 4.48 | 0.48 | 0.03 | 0.07 | 0.82 | 1.19 | 0.98 | 0.05 | 0.05 |
| Cluster 2 | 45 | 4.64 | 0.01 | 4.64 | 0.49 | 0.03 | 0.06 | 0.85 | 1.09 | 0.95 | 0.05 | 0.05 |
| Cluster 2 | 46 | 4.18 | 0.01 | 4.18 | 0.47 | 0.03 | 0.07 | 0.75 | 1.21 | 0.95 | 0.05 | 0.05 |
| Cluster 2 | 47 | 4.12 | 0.01 | 4.12 | 0.49 | 0.03 | 0.07 | 0.72 | 1.14 | 0.97 | 0.05 | 0.06 |
| Cluster 2 | 48 | 3.86 | 0.01 | 3.86 | 0.50 | 0.03 | 0.07 | 0.73 | 1.03 | 0.92 | 0.05 | 0.05 |
| Cluster 2 | 49 | 3.84 | 0.01 | 3.84 | 0.48 | 0.03 | 0.06 | 0.70 | 1.26 | 0.98 | 0.05 | 0.06 |
| Cluster 2 | 50 | 4.29 | 0.01 | 4.29 | 0.51 | 0.03 | 0.05 | 0.69 | 1.17 | 0.89 | 0.04 | 0.05 |
| Cluster 2 | 51 | 4.80 | 0.01 | 4.80 | 0.46 | 0.03 | 0.07 | 0.74 | 1.18 | 0.91 | 0.05 | 0.05 |
| Cluster 2 | 52 | 4.46 | 0.01 | 4.46 | 0.48 | 0.03 | 0.07 | 0.67 | 1.15 | 0.94 | 0.04 | 0.05 |
| Cluster 2 | 53 | 4.09 | 0.01 | 4.09 | 0.40 | 0.03 | 0.06 | 0.68 | 1.06 | 0.98 | 0.04 | 0.05 |
| Cluster 2 | 54 | 3.81 | 0.01 | 3.81 | 0.44 | 0.03 | 0.06 | 0.66 | 1.09 | 0.95 | 0.05 | 0.06 |
| Cluster 2 | 55 | 3.80 | 0.01 | 3.80 | 0.44 | 0.03 | 0.06 | 0.67 | 1.06 | 0.87 | 0.05 | 0.05 |

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|-----------|----|------|------|------|------|------|------|------|------|------|------|------|
| Cluster 2 | 56 | 3.57 | 0.01 | 3.57 | 0.41 | 0.03 | 0.06 | 0.62 | 1.09 | 0.93 | 0.05 | 0.06 |
| Cluster 2 | 57 | 3.55 | 0.01 | 3.55 | 0.36 | 0.02 | 0.05 | 0.61 | 1.09 | 0.89 | 0.04 | 0.05 |
| Cluster 2 | 58 | 3.84 | 0.01 | 3.84 | 0.40 | 0.02 | 0.06 | 0.61 | 1.17 | 0.96 | 0.05 | 0.06 |
| Cluster 2 | 59 | 3.82 | 0.01 | 3.82 | 0.47 | 0.03 | 0.06 | 0.63 | 1.25 | 0.94 | 0.05 | 0.06 |
| Cluster 2 | 65 | 2.69 | 0.01 | 2.69 | 0.42 | 0.02 | 0.04 | 0.54 | 1.00 | 0.82 | 0.05 | 0.06 |
| Cluster 2 | 66 | 3.50 | 0.01 | 3.50 | 0.37 | 0.03 | 0.05 | 0.57 | 1.03 | 0.90 | 0.05 | 0.06 |
| Cluster 2 | 67 | 3.73 | 0.01 | 3.73 | 0.36 | 0.03 | 0.05 | 0.64 | 0.99 | 0.91 | 0.04 | 0.05 |
| Cluster 2 | 68 | 2.78 | 0.01 | 2.78 | 0.45 | 0.03 | 0.04 | 0.56 | 1.05 | 0.89 | 0.05 | 0.06 |
| Cluster 2 | 69 | 3.22 | 0.01 | 3.22 | 0.42 | 0.03 | 0.04 | 0.64 | 1.06 | 0.88 | 0.05 | 0.05 |
| Cluster 2 | 70 | 3.31 | 0.01 | 3.31 | 0.33 | 0.02 | 0.05 | 0.54 | 0.94 | 0.84 | 0.04 | 0.06 |
| Cluster 2 | 71 | 3.45 | 0.01 | 3.45 | 0.48 | 0.03 | 0.04 | 0.63 | 1.04 | 0.87 | 0.05 | 0.05 |
| Cluster 2 | 72 | 3.49 | 0.01 | 3.49 | 0.40 | 0.03 | 0.05 | 0.65 | 1.09 | 0.85 | 0.05 | 0.05 |
| Cluster 2 | 73 | 3.53 | 0.01 | 3.53 | 0.40 | 0.02 | 0.04 | 0.67 | 1.07 | 0.83 | 0.04 | 0.05 |