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| --- | --- | --- |
| **Table 1.** Study 1: Cluster analysis solution summary |  |  |
|   | Cluster 1 | Cluster 2 | Cluster 3 | Cluster 4 | One-way ANOVA |
|   | “Young, focusing on family” | “Adults, concerned about CPR" | “Young seniors, wanting independence” | “Old seniors, avoiding life support” | F-test\*\* | p-value |
| % of overall sample | 29.50% | 26.93% | 32.51% | 11.06% |  |  |
| Average age | 29.102, 3, 4 | 46.961, 3, 4 | 61.451, 2, 4 | 75.161, 2, 3 | 3180.94 | < .001  |
| % female | 64.39%3, 4 | 58.51%3, 4 | 49.14%1, 2, 4\* | 38.38%1, 2, 3\* | 8.78 | < .001  |
|  |  |  |  |  |  |  |
| Current medical condition: |  |  |  |  |  |
| Good health | 95.83%2, 3, 4 | 89.63%1, 3, 4 | 82.13%1, 2 | 80.81%1, 2 | 10.44 | < .001 |
| Serious health issues | 1.89%2\*, 3, 4\* | 5.39%1\* | 6.19%1 | 6.06%1\* | 2.26 | .08 |
| Chronic disability | 2.27%3, 4 | 4.98%3, 4 | 11.34%1, 2 | 12.12%1, 2 | 7.79 | < .001 |
| Told may die soon | 0.00% | 0.00% | 0.34% | 1.01% | 1.36 | .26 |
|  |  |  |  |  |  |  |
| If possible to choose, where like to spend final days: |  |  |  |
| At home | 67.42% | 62.24% | 61.51% | 65.66% | 0.85 | .47 |
| Hospice | 7.20%3, 4 | 10.79%3, 4 | 16.49%1, 2, 4\* | 23.23%1, 2, 3\* | 7.23 | < .001 |
| Hospital | 4.55% | 2.49% | 3.09% | 1.01% | 1.18 | .32 |
| Not sure | 20.83%4 | 24.48%4 | 18.90%4\* | 10.10%1, 2, 3\* | 3.16 | .02 |
|  |  |  |  |  |  |  |
| Want home hospice | 58.71% | 53.53% | 51.55% | 50.51% | 1.19 | .31 |
| Consult palliative | 3.03% | 2.49% | 2.06% | 1.01% | 0.48 | .70 |
| Want to donate all organs | 67.80%3, 4 | 66.80%3, 4 | 56.36%1, 2 | 49.49%1, 2 | 5.61 | < .001 |
|  |  |  |  |  |  |  |
| If seriously ill and cannot make wishes known, what is important: |  |  |  |
| Being free from pain | 81.06% | 83.82% | 86.25% | 89.90% | 1.79 | .15 |
| Being able to feed, bathe, and take care of self | 61.36%2\*, 3, 4\* | 68.88%1\* | 71.82%1 | 70.71%1\* | 2.57 | .05 |
| Being with family | 80.68%2\*, 3, 4 | 73.86%1\* | 70.79%1 | 68.69%1 | 3.07 | .03 |
| Not being a financial burden to family | 78.41% | 82.57% | 80.76% | 73.74% | 1.29 | .28 |
| Not being a physical burden to family | 75.38% | 80.91% | 82.82% | 79.80% | 1.68 | .17 |
| Being at peace with my God | 33.33% | 36.93% | 40.89% | 36.36% | 1.14 | .33 |
| Resolving conflicts | 25.76%4 | 20.75% | 20.62% | 14.14%1 | 2.08 | .10 |
| Avoiding prolonged dependence on machines | 76.52%2, 3, 4 | 86.31%1 | 91.07%1 | 91.92%1 | 9.60 | < .001 |
| Avoiding prolonged dependence on artificial or assisted nutrition through tubes | 65.15%2, 3, 4 | 78.42%1, 3, 4 | 88.32%1, 2 | 87.88%1, 2 | 17.60 | < .001 |
| Dying at home | 32.20% | 31.12% | 35.74% | 41.41% | 1.36 | .25 |
|  |  |  |  |  |  |  |
| If declared not having sound decision-making capacity or incompetent, want to be allowed to change my preferences regardless of mental state (vs. following this document) | 7.20% | 4.15% | 3.78% | 3.03% | 1.63 | .18 |
|  |  |  |  |  |  |  |
| If incapacitated: |  |  |  |  |  |  |
| Short term life support | 17.05%2, 3, 4 | 4.98%1 | 3.09%1 | 4.04%1 | 15.67 | < .001 |
| No treatment | 71.59%2, 3, 4 | 86.31%1, 3 | 92.44%1, 2 | 89.90%1 | 17.58 | < .001 |
| Not sure | 11.36%3, 4\* | 8.71%3\* | 4.47%1, 2\* | 6.06%1\* | 3.30 | .02 |
|  |  |  |  |  |  |  |
| Thoughts on cardiopulmonary resuscitation (CPR): |  |  |
| Want limitations | 65.91%2, 4 | 79.67%1, 3, 4 | 71.13%2, 4 | 53.54%1, 2, 3 | 8.80 | < .001 |
| Let healthcare agent decide | 18.56%2 | 9.96%1, 3, 4 | 17.87%2 | 24.24%2 | 4.34 | .005 |
| No CPR | 4.92%3\*, 4 | 7.47%4 | 8.93%1\*, 4 | 19.19%1, 2, 3 | 6.55 | < .001 |
| Want CPR | 10.61%2, 3, 4 | 2.90%1 | 2.06%1 | 3.03%1 | 8.95 | < .001 |
| CPR not sure | 0.00% | 0.00% | 0.00% | 0.00% |  |  |
|  |  |  |  |  |  |  |
| Want doctors and nurses to know the role religion, faith, or spirituality plays in life | 45.83% | 46.47% | 51.55% | 47.47% | 0.73 | .53 |
|  |  |  |  |  |  |  |
| If having significant pain or suffering, want doctors to consult a supportive and palliative care team | 96.59%4 | 94.19% | 93.47% | 89.90%1 | 2.13 | .09 |
|  |  |  |  |  |  |  |
| Why created ACP: |  |  |  |  |  |  |
| Asked by doctor | 1.14%4 | 2.07%4 | 2.41%4 | 10.10%1, 2, 3 | 7.75 | < .001 |
| Mentioned by family | 11.36% | 7.47% | 8.93% | 7.07% | 0.97 |  .40 |
| Was planning ahead | 85.61% | 85.06% | 82.13% | 75.76% | 1.96 | .12 |

Note.—This table displays the percentage of people in each cluster who had indicated agreement to the item stated in the first column in their advance care plans.

1, 2, 3, 4 Following a marginally significant omnibus test (*p* < .10) we conducted post-hoc pairwise comparisons between clusters. Superscript of 1, 2, 3, and 4 indicates that it is significantly different at *p* < .05 level from Cluster 1, 2, 3, or 4 respectively.

\* Difference is marginally significant at *p* < .10 level.

\*\* F(3, 891)