Karakteristik Pralansia

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Provinsi** | **Melek Huruf** | **SD+** | **Akses TIK** | **Bekerja** | **Jam Kerja++** | **Disabilitas** | **Hasil Cluster** |
| Aceh | 91,53% | 78,32% | 57,82% | 74,95% | 57,39% | 23,76% | 1 |
| Sumatera Utara | 95,95% | 82,05% | 75,63% | 74,41% | 69,25% | 16,62% | 2 |
| Sumatera Barat | 93,03% | 71,64% | 74,23% | 76,06% | 61,98% | 16,59% | 1 |
| Riau | 95,37% | 76,42% | 77,89% | 69,37% | 62,93% | 21,36% | 2 |
| Jambi | 92,43% | 71,37% | 66,64% | 74,86% | 54,83% | 21,39% | 1 |
| Sumatera Selatan | 95,63% | 74,51% | 66,62% | 76,66% | 65,07% | 18,59% | 1 |
| Bengkulu | 93,85% | 70,67% | 64,84% | 82,72% | 62,78% | 20,23% | 1 |
| Lampung | 93,40% | 69,79% | 64,41% | 76,77% | 63,22% | 12,87% | 1 |
| Kep. Bangka Belitung | 92,16% | 68,32% | 70,43% | 69,52% | 74,65% | 15,37% | 2 |
| Kep. Riau | 95,05% | 76,99% | 88,25% | 65,39% | 79,10% | 16,86% | 2 |
| DKI Jakarta | 97,29% | 87,37% | 82,18% | 62,77% | 83,65% | 13,43% | 2 |
| Jawa Barat | 93,62% | 77,40% | 63,63% | 66,20% | 71,86% | 13,78% | 1 |
| Jawa Tengah | 87,04% | 67,57% | 56,51% | 78,46% | 68,80% | 9,74% | 1 |
| DI Yogyakarta | 90,88% | 79,12% | 67,32% | 82,04% | 69,10% | 8,43% | 1 |
| Jawa Timur | 85,00% | 67,77% | 59,43% | 76,10% | 63,22% | 11,73% | 1 |
| Banten | 90,92% | 72,44% | 58,16% | 66,29% | 65,58% | 11,42% | 1 |
| Bali | 87,12% | 72,91% | 69,78% | 85,82% | 67,07% | 13,79% | 1 |
| Nusa Tenggara Barat | 68,17% | 48,12% | 62,20% | 77,57% | 56,93% | 16,69% | 3 |
| Nusa Tenggara Timur | 84,64% | 65,01% | 53,58% | 83,93% | 52,63% | 21,19% | 3 |
| Kalimantan Barat | 85,02% | 57,73% | 59,60% | 79,98% | 58,63% | 18,01% | 3 |
| Kalimantan Tengah | 94,07% | 75,50% | 75,74% | 78,06% | 61,22% | 21,02% | 1 |
| Kalimantan Selatan | 91,20% | 69,59% | 69,85% | 78,41% | 59,91% | 16,02% | 1 |
| Kalimantan Timur | 95,63% | 81,18% | 86,48% | 69,30% | 77,80% | 14,21% | 2 |
| Kalimantan Utara | 89,20% | 68,43% | 82,35% | 70,97% | 71,79% | 16,18% | 2 |
| Sulawesi Utara | 98,10% | 82,66% | 71,64% | 65,36% | 70,72% | 21,23% | 2 |
| Sulawesi Tengah | 91,68% | 78,07% | 59,54% | 74,18% | 53,72% | 25,02% | 1 |
| Sulawesi Selatan | 82,10% | 66,70% | 72,25% | 67,09% | 60,70% | 18,59% | 1 |
| Sulawesi Tenggara | 86,55% | 72,34% | 71,76% | 77,87% | 56,82% | 21,29% | 1 |
| Gorontalo | 92,23% | 64,90% | 66,91% | 69,62% | 74,42% | 24,10% | 1 |
| Sulawesi Barat | 79,91% | 61,71% | 59,69% | 81,56% | 42,04% | 16,14% | 3 |
| Maluku | 97,40% | 86,99% | 63,27% | 72,58% | 67,58% | 16,04% | 1 |
| Maluku Utara | 92,46% | 74,05% | 57,55% | 75,88% | 57,04% | 18,09% | 1 |
| Papua Barat | 88,58% | 72,27% | 63,61% | 79,10% | 65,30% | 18,57% | 1 |
| Papua | 64,33% | 52,09% | 42,13% | 84,95% | 54,41% | 18,70% | 3 |

*Output* SPSS Cek Multikolinieritas Pralansia

| **Coefficientsa** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | 95,0% Confidence Interval for B | | Correlations | | | Collinearity Statistics | |
| B | Std. Error | Beta | Lower Bound | Upper Bound | Zero-order | Partial | Part | Tolerance | VIF |
| 1 | (Constant) | 27.788 | 19.274 |  | 1.442 | .160 | -11.692 | 67.268 |  |  |  |  |  |
| SD\_Ke\_Atas | .641 | .095 | .744 | 6.722 | .000 | .446 | .837 | .860 | .786 | .605 | .660 | 1.514 |
| Akses\_TIK | .086 | .094 | .113 | .914 | .369 | -.107 | .279 | .560 | .170 | .082 | .526 | 1.900 |
| Bekerja | -.004 | .150 | -.004 | -.029 | .977 | -.312 | .304 | -.491 | -.005 | -.003 | .527 | 1.899 |
| jamkerjalebih | .106 | .129 | .123 | .820 | .419 | -.159 | .370 | .532 | .153 | .074 | .362 | 2.763 |
| disabilitas | .212 | .191 | .115 | 1.112 | .276 | -.179 | .603 | .027 | .206 | .100 | .755 | 1.325 |
| a. Dependent Variable: Melek\_Huruf | | | | | | | | | | | | | |

*Output* *SPSS Clustering Non-Hierarki K-Means Cluster* Pralansia

| **Initial Cluster Centers** | | | |
| --- | --- | --- | --- |
|  | Cluster | | |
|  | 1 | 2 | 3 |
| Melek\_Huruf | 91.68 | 97.29 | 64.33 |
| SD\_Ke\_Atas | 78.07 | 87.37 | 52.09 |
| Akses\_TIK | 59.54 | 82.18 | 42.13 |
| Bekerja | 74.18 | 62.77 | 84.95 |
| jamkerjalebih | 53.72 | 83.65 | 54.41 |
| disabilitas | 25.02 | 13.43 | 18.70 |

| **Iteration Historya** | | | |
| --- | --- | --- | --- |
| Iteration | Change in Cluster Centers | | |
| 1 | 2 | 3 |
| 1 | 13.943 | 14.368 | 11.160 |
| 2 | .944 | 1.704 | 7.932 |
| 3 | .879 | .000 | 4.606 |
| 4 | .840 | .000 | 2.819 |
| 5 | .000 | .000 | .000 |
| a. Convergence achieved due to no or small change in cluster centers. The maximum absolute coordinate change for any center is ,000. The current iteration is 5. The minimum distance between initial centers is 42,318. | | | |

| **Final Cluster Centers** | | | |
| --- | --- | --- | --- |
|  | Cluster | | |
|  | 1 | 2 | 3 |
| Melek\_Huruf | 90.99 | 94.84 | 76.41 |
| SD\_Ke\_Atas | 73.04 | 77.93 | 56.93 |
| Akses\_TIK | 65.23 | 79.36 | 55.44 |
| Bekerja | 75.70 | 68.39 | 81.60 |
| Jamkerjalebih | 63.22 | 73.74 | 52.93 |
| disabilitas | 17.19 | 16.91 | 18.15 |

| **ANOVA** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cluster | | Error | | F | Sig. |
|  | Mean Square | df | Mean Square | df |
| Melek\_Huruf | 564.465 | 2 | 22.598 | 31 | 24.979 | .000 |
| SD\_Ke\_Atas | 719.063 | 2 | 33.098 | 31 | 21.725 | .000 |
| Akses\_TIK | 977.390 | 2 | 39.227 | 31 | 24.916 | .000 |
| Bekerja | 288.562 | 2 | 21.469 | 31 | 13.441 | .000 |
| jamkerjalebih | 691.493 | 2 | 34.623 | 31 | 19.972 | .000 |
| disabilitas | 2.506 | 2 | 17.228 | 31 | .145 | .865 |
| The F tests should be used only for descriptive purposes because the clusters have been chosen to maximize the differences among cases in different clusters. The observed significance levels are not corrected for this and thus cannot be interpreted as tests of the hypothesis that the cluster means are equal. | | | | | | |

| **Number of Cases in each Cluster** | | |
| --- | --- | --- |
| Cluster | 1 | 21.000 |
| 2 | 8.000 |
| 3 | 5.000 |
| Valid | | 34.000 |
| Missing | | .000 |

Karakteristik Lansia

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Provinsi** | **Melek Huruf** | **SD+** | **Akses TIK** | **Kegiatan Sosial** | **Bekerja** | **Jam Kerja++** |
| Aceh | 74,04% | 51,73% | 26,39% | 51,96% | 44,22% | 37,40% |
| Sumatera Utara | 87,43% | 60,63% | 49,45% | 50,52% | 46,42% | 46,33% |
| Sumatera Barat | 82,90% | 50,55% | 47,78% | 39,88% | 44,69% | 40,76% |
| Riau | 85,23% | 51,13% | 48,06% | 53,48% | 41,13% | 41,04% |
| Jambi | 76,16% | 45,11% | 32,76% | 57,77% | 44,36% | 34,95% |
| Sumatera Selatan | 84,68% | 49,28% | 35,67% | 45,70% | 47,40% | 48,04% |
| Bengkulu | 74,51% | 39,78% | 30,92% | 40,81% | 52,73% | 43,74% |
| Lampung | 73,72% | 40,12% | 30,17% | 41,26% | 51,36% | 43,42% |
| Kep. Bangka Belitung | 81,15% | 44,86% | 37,51% | 27,51% | 37,79% | 56,39% |
| Kep. Riau | 84,40% | 50,32% | 58,88% | 39,70% | 31,95% | 49,03% |
| DKI Jakarta | 92,62% | 76,53% | 60,49% | 42,10% | 29,75% | 65,88% |
| Jawa Barat | 77,76% | 50,43% | 27,79% | 45,21% | 40,76% | 50,43% |
| Jawa Tengah | 59,98% | 36,69% | 23,68% | 50,65% | 50,42% | 49,09% |
| DI Yogyakarta | 64,83% | 49,09% | 31,40% | 61,88% | 53,38% | 42,67% |
| Jawa Timur | 57,14% | 36,40% | 24,78% | 37,03% | 50,56% | 45,37% |
| Banten | 70,37% | 36,83% | 17,62% | 41,65% | 41,41% | 50,72% |
| Bali | 59,93% | 37,60% | 28,11% | 46,87% | 56,30% | 41,70% |
| Nusa Tenggara Barat | 41,45% | 22,30% | 28,62% | 45,08% | 47,84% | 36,28% |
| Nusa Tenggara Timur | 62,89% | 36,89% | 26,44% | 20,76% | 57,80% | 34,80% |
| Kalimantan Barat | 62,37% | 29,49% | 31,01% | 25,41% | 47,56% | 39,61% |
| Kalimantan Tengah | 82,00% | 50,55% | 44,66% | 37,82% | 49,09% | 42,14% |
| Kalimantan Selatan | 75,12% | 45,61% | 38,52% | 47,65% | 44,94% | 39,51% |
| Kalimantan Timur | 81,76% | 58,83% | 55,13% | 41,65% | 38,82% | 56,56% |
| Kalimantan Utara | 67,49% | 40,57% | 49,44% | 30,16% | 44,93% | 62,31% |
| Sulawesi Utara | 95,80% | 68,70% | 44,24% | 55,63% | 39,68% | 49,46% |
| Sulawesi Tengah | 80,87% | 58,77% | 26,49% | 26,35% | 50,07% | 38,16% |
| Sulawesi Selatan | 59,09% | 39,14% | 41,31% | 20,90% | 39,35% | 42,64% |
| Sulawesi Tenggara | 66,75% | 43,46% | 40,48% | 20,29% | 50,18% | 38,30% |
| Gorontalo | 87,11% | 49,25% | 36,85% | 22,30% | 44,22% | 57,54% |
| Sulawesi Barat | 59,51% | 36,06% | 31,46% | 14,31% | 55,35% | 24,26% |
| Maluku | 92,72% | 68,61% | 40,89% | 31,63% | 43,45% | 52,93% |
| Maluku Utara | 82,79% | 47,41% | 29,94% | 32,25% | 49,64% | 46,62% |
| Papua Barat | 79,93% | 60,00% | 41,91% | 38,78% | 50,60% | 54,23% |
| Papua | 68,22% | 50,20% | 35,90% | 32,68% | 54,47% | 38,93% |

Karakteristik Lansia (lanjutan)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Provinsi** | **Kemandirian** | **Berkecukupan** | **Disabilitas** | **Sakit** | **Jaminan Sosial** | **Hasil Cluster** |
| Aceh | 53,12% | 69,10% | 58,64% | 40,77% | 13,72% | 2 |
| Sumatera Utara | 59,30% | 71,97% | 48,16% | 29,21% | 8,53% | 3 |
| Sumatera Barat | 55,77% | 78,76% | 48,78% | 27,77% | 10,26% | 3 |
| Riau | 53,06% | 79,28% | 54,97% | 32,20% | 7,69% | 3 |
| Jambi | 58,71% | 82,92% | 52,06% | 30,36% | 12,71% | 1 |
| Sumatera Selatan | 58,30% | 80,32% | 49,42% | 23,74% | 7,27% | 3 |
| Bengkulu | 60,93% | 79,16% | 54,46% | 33,60% | 16,07% | 1 |
| Lampung | 56,36% | 77,22% | 44,19% | 33,19% | 14,16% | 1 |
| Kep. Bangka Belitung | 51,01% | 86,88% | 44,12% | 27,04% | 19,38% | 3 |
| Kep. Riau | 43,75% | 83,52% | 51,44% | 27,59% | 8,31% | 3 |
| DKI Jakarta | 58,48% | 84,91% | 42,44% | 19,88% | 6,52% | 3 |
| Jawa Barat | 51,80% | 71,84% | 47,40% | 31,36% | 14,15% | 1 |
| Jawa Tengah | 57,12% | 79,61% | 40,63% | 26,87% | 19,61% | 1 |
| DI Yogyakarta | 66,06% | 85,21% | 36,78% | 23,24% | 30,10% | 1 |
| Jawa Timur | 57,07% | 79,11% | 43,28% | 25,48% | 19,32% | 1 |
| Banten | 37,68% | 41,41% | 47,61% | 42,58% | 17,15% | 2 |
| Bali | 63,91% | 89,05% | 46,46% | 30,18% | 11,52% | 1 |
| Nusa Tenggara Barat | 55,86% | 72,34% | 55,85% | 36,63% | 24,78% | 4 |
| Nusa Tenggara Timur | 55,08% | 52,82% | 50,51% | 44,00% | 17,08% | 4 |
| Kalimantan Barat | 53,88% | 79,40% | 49,18% | 31,34% | 7,97% | 4 |
| Kalimantan Tengah | 60,96% | 86,15% | 53,38% | 32,86% | 7,91% | 3 |
| Kalimantan Selatan | 56,36% | 85,78% | 46,71% | 33,07% | 10,72% | 1 |
| Kalimantan Timur | 56,53% | 89,75% | 41,08% | 28,34% | 9,65% | 3 |
| Kalimantan Utara | 52,71% | 81,02% | 42,93% | 27,16% | 9,41% | 3 |
| Sulawesi Utara | 55,36% | 75,00% | 48,74% | 32,11% | 12,49% | 3 |
| Sulawesi Tengah | 58,33% | 71,81% | 60,43% | 46,89% | 15,68% | 4 |
| Sulawesi Selatan | 50,33% | 77,72% | 52,70% | 31,12% | 13,46% | 4 |
| Sulawesi Tenggara | 55,44% | 74,87% | 54,63% | 42,80% | 16,85% | 4 |
| Gorontalo | 48,54% | 78,14% | 54,92% | 41,65% | 21,95% | 3 |
| Sulawesi Barat | 59,88% | 74,51% | 53,33% | 40,44% | 14,74% | 4 |
| Maluku | 52,58% | 71,34% | 46,00% | 28,88% | 10,48% | 3 |
| Maluku Utara | 58,19% | 74,70% | 47,47% | 31,40% | 5,85% | 1 |
| Papua Barat | 66,73% | 77,87% | 46,12% | 25,59% | 15,60% | 3 |
| Papua | 63,47% | 72,89% | 46,99% | 32,47% | 16,45% | 4 |

*Output* SPSS Cek Multikolinieritas Lansia

| **Coefficientsa** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | 95,0% Confidence Interval for B | | Correlations | | | Collinearity Statistics | |
| B | Std. Error | Beta | Lower Bound | Upper Bound | Zero-order | Partial | Part | Tolerance | VIF |
| 1 | (Constant) | 7.714 | 28.119 |  | .274 | .786 | -50.455 | 65.883 |  |  |  |  |  |
| SDkeAtas | 1.069 | .156 | .998 | 6.856 | .000 | .746 | 1.391 | .856 | .819 | .514 | .265 | 3.773 |
| AksesTIK | -.066 | .159 | -.056 | -.412 | .684 | -.395 | .263 | .553 | -.086 | -.031 | .304 | 3.284 |
| KegSosial | .113 | .098 | .110 | 1.159 | .258 | -.089 | .316 | .184 | .235 | .087 | .620 | 1.614 |
| Bekerja | .947 | .411 | .506 | 2.300 | .031 | .095 | 1.798 | -.523 | .432 | .172 | .116 | 8.599 |
| JamKerjaLebih | .191 | .185 | .134 | 1.032 | .313 | -.192 | .573 | .492 | .210 | .077 | .332 | 3.008 |
| Kemandirian | -1.326 | .445 | -.626 | -2.980 | .007 | -2.246 | -.405 | -.104 | -.528 | -.223 | .127 | 7.847 |
| Berkecukupan | .348 | .167 | .267 | 2.087 | .048 | .003 | .694 | .139 | .399 | .156 | .342 | 2.920 |
| Disabilitas | .439 | .309 | .192 | 1.417 | .170 | -.202 | 1.079 | -.007 | .283 | .106 | .305 | 3.283 |
| AngkaKesakitan | -.195 | .347 | -.103 | -.561 | .580 | -.913 | .523 | -.211 | -.116 | -.042 | .167 | 6.004 |
| JamSos | -.444 | .213 | -.199 | -2.081 | .049 | -.885 | -.003 | -.518 | -.398 | -.156 | .612 | 1.634 |
| a. Dependent Variable: AMH | | | | | | | | | | | | | |

*Output* SPSS *Clustering Non-Hierarki K-Means Cluster* Lansia

| **Initial Cluster Centers** | | | | |
| --- | --- | --- | --- | --- |
|  | Cluster | | | |
|  | 1 | 2 | 3 | 4 |
| AMH | 64.83 | 70.37 | 92.62 | 59.51 |
| SDkeAtas | 49.09 | 36.83 | 76.53 | 36.06 |
| AksesTIK | 31.40 | 17.62 | 60.49 | 31.46 |
| KegSosial | 61.88 | 41.65 | 42.10 | 14.31 |
| Bekerja | 53.38 | 41.41 | 29.75 | 55.35 |
| JamKerjaLebih | 42.67 | 50.72 | 65.88 | 24.26 |
| Kemandirian | 66.06 | 37.68 | 58.48 | 59.88 |
| Berkecukupan | 85.21 | 41.41 | 84.91 | 74.51 |
| Disabilitas | 36.78 | 47.61 | 42.44 | 53.33 |
| AngkaKesakitan | 23.24 | 42.50 | 19.88 | 40.44 |
| JamSos | 30.10 | 17.15 | 6.52 | 14.74 |

| **Iteration Historya** | | | | |
| --- | --- | --- | --- | --- |
| Iteration | Change in Cluster Centers | | | |
| 1 | 2 | 3 | 4 |
| 1 | 29.300 | 20.890 | 28.869 | 22.845 |
| 2 | 4.187 | .000 | 4.211 | 2.600 |
| 3 | 2.017 | .000 | 3.229 | 4.083 |
| 4 | 1.874 | .000 | 1.302 | .000 |
| 5 | .000 | .000 | .000 | .000 |
| a. Convergence achieved due to no or small change in cluster centers. The maximum absolute coordinate change for any center is ,000. The current iteration is 5. The minimum distance between initial centers is 59,860. | | | | |

| **Final Cluster Centers** | | | | |
| --- | --- | --- | --- | --- |
|  | Cluster | | | |
|  | 1 | 2 | 3 | 4 |
| AMH | 70.19 | 72.21 | 84.66 | 62.64 |
| SDkeAtas | 42.82 | 44.28 | 55.70 | 39.54 |
| AksesTIK | 29.81 | 22.01 | 46.50 | 32.71 |
| KegSosial | 46.14 | 46.81 | 39.78 | 25.72 |
| Bekerja | 49.45 | 42.82 | 42.14 | 50.33 |
| JamKerjaLebih | 43.75 | 44.06 | 51.62 | 36.62 |
| Kemandirian | 58.65 | 45.40 | 55.22 | 56.53 |
| Berkecukupan | 80.46 | 55.25 | 80.35 | 72.05 |
| Disabilitas | 45.94 | 53.13 | 48.04 | 52.95 |
| AngkaKesakitan | 29.87 | 41.64 | 28.85 | 38.21 |
| JamSos | 15.42 | 15.43 | 11.10 | 15.88 |

| **ANOVA** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cluster | | Error | | F | Sig. |
|  | Mean Square | df | Mean Square | df |
| AMH | 921.755 | 3 | 72.963 | 30 | 12.633 | .000 |
| SDkeAtas | 562.612 | 3 | 87.849 | 30 | 6.404 | .002 |
| AksesTIK | 792.166 | 3 | 41.254 | 30 | 19.202 | .000 |
| KegSosial | 682.682 | 3 | 87.923 | 30 | 7.765 | .001 |
| Bekerja | 165.168 | 3 | 30.597 | 30 | 5.398 | .004 |
| JamKerjaLebih | 396.050 | 3 | 42.193 | 30 | 9.387 | .000 |
| Kemandirian | 101.914 | 3 | 26.578 | 30 | 3.835 | .019 |
| Berkecukupan | 472.976 | 3 | 49.926 | 30 | 9.474 | .000 |
| Disabilitas | 88.301 | 3 | 22.968 | 30 | 3.844 | .019 |
| AngkaKesakitan | 225.962 | 3 | 23.635 | 30 | 9.560 | .000 |
| JamSos | 55.940 | 3 | 27.734 | 30 | 2.017 | .133 |
| The F tests should be used only for descriptive purposes because the clusters have been chosen to maximize the differences among cases in different clusters. The observed significance levels are not corrected for this and thus cannot be interpreted as tests of the hypothesis that the cluster means are equal. | | | | | | |

| **Number of Cases in each Cluster** | | |
| --- | --- | --- |
| Cluster | 1 | 10.000 |
| 2 | 2.000 |
| 3 | 14.000 |
| 4 | 8.000 |
| Valid | | 34.000 |
| Missing | | .000 |