Sorular:

ADI:

SOYADI:

BÖLÜMÜ:

NO:

1. İstatistiksel analiz sürecinde yapılması gerekenler nelerdir? Açıklayınız.
2. Aşağıdaki tabloda yer alan bilgileri yorumlayınız.

| **Statistics** |
| --- |
|  | gender | repeat | iq | engl |
| N | Valid | 88 | 88 | 88 | 88 |
| Missing | 0 | 0 | 0 | 0 |
| Mean | 1,38 | ,14 | 100,26 | 1,95 |
| Std. Error of Mean | ,052 | ,037 | 1,384 | ,056 |
| Median | 1,00 | ,00 | 100,00 | 2,00 |
| Mode | 1 | 0 | 95 | 2 |
| Std. Deviation | ,487 | ,345 | 12,985 | ,523 |
| Variance | ,237 | ,119 | 168,609 | ,274 |
| Skewness | ,525 | 2,156 | ,394 | -,061 |
| Std. Error of Skewness | ,257 | ,257 | ,257 | ,257 |
| Kurtosis | -1,765 | 2,710 | -,163 | ,766 |
| Std. Error of Kurtosis | ,508 | ,508 | ,508 | ,508 |
| Range | 1 | 1 | 62 | 2 |
| Minimum | 1 | 0 | 75 | 1 |
| Maximum | 2 | 1 | 137 | 3 |
| Sum | 121 | 12 | 8823 | 172 |
| Percentiles | 10 | 1,00 | ,00 | 83,00 | 1,00 |
| 20 | 1,00 | ,00 | 88,00 | 2,00 |
| 25 | 1,00 | ,00 | 90,25 | 2,00 |
| 30 | 1,00 | ,00 | 92,00 | 2,00 |
| 40 | 1,00 | ,00 | 95,00 | 2,00 |
| 50 | 1,00 | ,00 | 100,00 | 2,00 |
| 60 | 1,00 | ,00 | 104,40 | 2,00 |
| 70 | 2,00 | ,00 | 107,00 | 2,00 |
| 75 | 2,00 | ,00 | 108,75 | 2,00 |
| 80 | 2,00 | ,00 | 111,00 | 2,00 |
| 88 | 2,00 | 1,00 | 115,96 | 2,32 |
| 90 | 2,00 | 1,00 | 118,00 | 3,00 |

1. Aşağıda yer alan grafiği yorumlayınız.



1. Aşağıda yer alan tablolardaki bilgileri yorumlayınız.

| **gender \* dropout Crosstabulation** |
| --- |
|  | dropout | Total |
| graduated | dropped |
| gender | male | Count | 48 | 7 | 55 |
| % within gender | 87,3% | 12,7% | 100,0% |
| % within dropout | 61,5% | 70,0% | 62,5% |
| % of Total | 54,5% | 8,0% | 62,5% |
| female | Count | 30 | 3 | 33 |
| % within gender | 90,9% | 9,1% | 100,0% |
| % within dropout | 38,5% | 30,0% | 37,5% |
| % of Total | 34,1% | 3,4% | 37,5% |
| Total | Count | 78 | 10 | 88 |
| % within gender | 88,6% | 11,4% | 100,0% |
| % within dropout | 100,0% | 100,0% | 100,0% |
| % of Total | 88,6% | 11,4% | 100,0% |

| **Chi-Square Tests** |
| --- |
|  | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
| Pearson Chi-Square | ,271a | 1 | ,603 |  |  |
| Continuity Correctionb | ,030 | 1 | ,862 |  |  |
| Likelihood Ratio | ,278 | 1 | ,598 |  |  |
| Fisher's Exact Test |  |  |  | ,737 | ,441 |
| Linear-by-Linear Association | ,268 | 1 | ,605 |  |  |
| N of Valid Cases | 88 |  |  |  |  |
| a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 3,75. |
| b. Computed only for a 2x2 table |

1. Aşağıda bulunan tablolardaki bilgileri yorumlayınız.

| **One-Sample Statistics** |
| --- |
|  | N | Mean | Std. Deviation | Std. Error Mean |
| addsc | 88 | 52,60 | 12,422 | 1,324 |

| **One-Sample Test** |
| --- |
|  | Test Value = 62  |
| t | df | Sig. (2-tailed) | Mean Difference | 95% Confidence Interval of the Difference |
| Lower | Upper |
| addsc | -7,097 | 87 | ,000 | -9,398 | -12,03 | -6,77 |

1. Aşağıda bulunan tablolardaki bilgileri yorumlayınız.

| **Reliability Statistics** |
| --- |
| Cronbach's Alpha | N of Items |
| ,019 | 2 |

| **KMO and Bartlett's Test** |
| --- |
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | ,754 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 659,906 |
| df | 105 |
| Sig. | ,000 |

| **Component Matrixa** |
| --- |
|  | Component |
| 1 | 2 | 3 |
| celandine | ,455 | ,701 | ,149 |
| rose | ,706 | -,375 | ,170 |
| cornflower | ,709 | -,044 | -,587 |
| primrose | ,498 | ,706 | -,074 |
| poppy | ,798 | -,315 | -,319 |
| bluebell | ,561 | ,731 | -,034 |
| buttercup | ,353 | ,679 | ,142 |
| wisteria | ,842 | -,300 | ,126 |
| daisy | ,772 | ,443 | ,197 |
| speedwell | ,724 | ,487 | ,158 |
| sweetpea | ,844 | -,183 | -,182 |
| delphinium | ,565 | -,415 | ,544 |
| aster | ,741 | -,377 | ,134 |
| lavender | ,774 | -,316 | -,403 |
| hellebore | ,517 | -,585 | ,336 |
| Extraction Method: Principal Component Analysis. |
| a. 3 components extracted. |

