**EVALUASI BIOSTATISTIK PART 1**

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SOAL

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| seks | Tingkat pengetahuan | tingi badan | BB lalu | BB | Usia bumil | BBLR | gizi lalu | Gizi hari ini |
| 1 | 1 | 140 | 34 | 35 | 1 | 1 | 2 | 1 |
| 2 | 1 | 148 | 32 | 35 | 2 | 2 | 2 | 1 |
| 2 | 2 | 147 | 34 | 33 | 2 | 2 | 2 | 1 |
| 1 | 1 | 139 | 33 | 35 | 2 | 2 | 1 | 2 |
| 2 | 2 | 142 | 30 | 32 | 1 | 2 | 3 | 1 |
| 2 | 2 | 145 | 33 | 34 | 1 | 1 | 1 | 1 |
| 2 | 1 | 144 | 32 | 32 | 1 | 2 | 2 | 2 |
| 1 | 2 | 133 | 30 | 30 | 2 | 1 | 1 | 2 |
| 1 | 2 | 144 | 31 | 35 | 2 | 2 | 1 | 1 |
| 2 | 2 | 145 | 42 | 41 | 1 | 2 | 2 | 1 |
| 2 | 2 | 145 | 34 | 38 | 1 | 1 | 2 | 2 |
| 1 | 2 | 142 | 35 | 38 | 2 | 2 | 1 | 2 |
| 1 | 1 | 149 | 40 | 42 | 2 | 2 | 1 | 2 |
| 2 | 3 | 147 | 31 | 35 | 1 | 1 | 2 | 1 |
| 2 | 2 | 149 | 40 | 43 | 1 | 1 | 2 | 1 |
| 2 | 1 | 149 | 40 | 43 | 1 | 1 | 1 | 1 |
| 2 | 2 | 142 | 40 | 42 | 1 | 2 | 1 | 2 |
| 1 | 2 | 161 | 39 | 43 | 1 | 1 | 1 | 1 |
| 1 | 1 | 150 | 41 | 45 | 1 | 1 | 1 | 1 |
| 1 | 2 | 140 | 45 | 38 | 2 | 1 | 1 | 1 |
| 2 | 2 | 140 | 46 | 36 | 1 | 1 | 1 | 3 |
| 2 | 1 | 143 | 35 | 38 | 2 | 2 | 2 | 3 |
| 1 | 3 | 138 | 33 | 33 | 1 | 1 | 2 | 3 |
| 1 | 2 | 135 | 30 | 32 | 1 | 1 | 1 | 3 |
| 2 | 2 | 140 | 38 | 40 | 1 | 1 | 2 | 2 |
| 2 | 2 | 140 | 30 | 35 | 2 | 2 | 2 | 3 |
| 2 | 1 | 135 | 30 | 32 | 2 | 2 | 2 | 3 |
| 2 | 2 | 138 | 36 | 36 | 2 | 1 | 1 | 2 |
| 1 | 1 | 137 | 35 | 37 | 1 | 1 | 2 | 3 |
| 1 | 1 | 136 | 34 | 34 | 1 | 2 | 2 | 3 |

|  |  |
| --- | --- |
| Keterangan | |
| seks |  |
| 1=laki laki | |
| 2= perempuan | |
|  |  |
| Usia |  |
| 1=Usia tidak beresiko |  |
| 2 : Usia beresiko |  |
|  |  |
| BBLR |  |
| 1: Tidak  2 : ya |  |
| Tingakt Pengetahuan:  1 = baik  2 = Cukup  3 = Kurang |  |
|  |  |
| Gizi |  |
| 1= baik |  |
| 2 = kurang |  |

**JAWABAN EVALUASI BIOSTATISTIK PART 1**

1. Buatlah standart Defiasi dari karakteristik setiap variable dari JK, Usia serta BBLR

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Jenis Kelamin** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Laki Laki | 13 | 43.3 | 43.3 | 43.3 |
| Perempuan | 17 | 56.7 | 56.7 | 100.0 |
| Total | 30 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Usia Ibu Hamil** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tidak Beresiko | 18 | 60.0 | 60.0 | 60.0 |
| Beresiko | 12 | 40.0 | 40.0 | 100.0 |
| Total | 30 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BBLR** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tidak | 16 | 53.3 | 53.3 | 53.3 |
| Ya | 14 | 46.7 | 46.7 | 100.0 |
| Total | 30 | 100.0 | 100.0 |  |

1. Adakah Hubungan antara Usia Ibu Hamil dengan kejadian BBLR

( Tuliskan crosstab dari hasil spss) koefisian korelasi, serta nilai Asiq 2 tailed dari olah data menggunakan spss

|  |  |  |  |
| --- | --- | --- | --- |
| **Correlations** | | | |
|  | | Usia Ibu Hamil | BBLR |
| Usia Ibu Hamil | Pearson Correlation | 1 | .464\*\* |
| Sig. (2-tailed) |  | .010 |
| N | 30 | 30 |
| BBLR | Pearson Correlation | .464\*\* | 1 |
| Sig. (2-tailed) | .010 |  |
| N | 30 | 30 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | |

Uji yang korelasi / hubungan. Hasil menunjukan nilai sig 2 – tailed 0.01 yang artinya ada hubungan yang signifikan antara variable usia ibu hamil dengan BBLR

1. Adakah Korelasi tingkat pengetahuan remaja dengan gizi remaja

( Tuliskan uji apa yang digunkaan, hasil crosstab, koefisien korelasi serta assign 2 tailed}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Correlations** | | | | |
|  | | Tingkat Pengetahuan | Gizi Lalu | Gizi Hari Ini |
| Tingkat Pengetahuan | Pearson Correlation | 1 | .010 | -.104 |
| Sig. (2-tailed) |  | .957 | .584 |
| N | 30 | 30 | 30 |
| Gizi Lalu | Pearson Correlation | .010 | 1 | .061 |
| Sig. (2-tailed) | .957 |  | .750 |
| N | 30 | 30 | 30 |
| Gizi Hari Ini | Pearson Correlation | -.104 | .061 | 1 |
| Sig. (2-tailed) | .584 | .750 |  |
| N | 30 | 30 | 30 |

1. Pengaruh konsumsi cepat saji dengan Berat badan remaja, sebelum dilakukan uji parametric untuk melihat data apakah berdistri normal.. Bagaimana hasil dari pengolahan uji normalitas dari data diatas

Uji normalitas

|  |  |  |  |
| --- | --- | --- | --- |
| **One-Sample Kolmogorov-Smirnov Test** | | | |
|  | | BB Lalu | BB |
| N | | 30 | 30 |
| Normal Parametersa,b | Mean | 35.43 | 36.73 |
| Std. Deviation | 4.614 | 4.042 |
| Most Extreme Differences | Absolute | .171 | .166 |
| Positive | .171 | .166 |
| Negative | -.119 | -.104 |
| Test Statistic | | .171 | .166 |
| Asymp. Sig. (2-tailed) | | .026c | .034c |
| a. Test distribution is Normal. | | | |
| b. Calculated from data. | | | |
| c. Lilliefors Significance Correction. | | | |