Your license will expire in 22 days.

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Syntacticlanguagescores

/METHOD=ENTER Deprivedenviroments\_v2Chaoticenviroment\_v2Poolivingcondit ions\_v2

LowSESconditions\_v2Timespentinschools /SCATTERPLOT=(\*ZRESID ,\*ZPRED)

/RESIDUALS DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID).

**Regression**

**Variables Entered/Removed a**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Variables** | **Variables** |  |
| **Model** | **Entered** | **Removed** | **Method** |
| **1** | **Time spent** | **.** | **Enter** |
|  | **in schools,** |  |  |
|  | **LowSEScondit** |  |  |
|  | **ions\_v2,** |  |  |
|  | **Deprivedenvi** |  |  |
|  | **roments\_v2,** |  |  |
|  | **Chaoticenviro** |  |  |
|  | **ment\_v2,** |  |  |
|  | **Poorlivingcon** |  |  |
|  | **ditions\_v2b** |  |  |
|  |  |  |  |



1. **Dependent Variable: Syntacticlanguagescores**
2. **All requested variables entered.**

**Model Summary b**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | **Change Statistics** |  |  |
|  |  |  |  |  | **Adjusted R** | **Std. Error of** | **R Square** |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Model** | **R** |  | **R Square** | **Square** | **the Estimate** | **Change** | **F Change** |  |  |  |
| **1** | **. 284 a** |  | **.081** |  | **.017** |  | **1.927** | **.081** | **1.262** |  |  |  |
|  |  |  |  |  | **Model Summary b** |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  | **Change Statistics** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | **Durbin-** |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **Model** | **df1** |  | **df2** |  | **Sig. F Change** |  | **Watson** |  |  |  |  |  |
| **1** | **5** |  | **7 2** |  | **.290** |  | **2.108** |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |



1. **Predictors: (Constant), Time spent in schools, LowSESconditions\_v2, Deprivedenviroments\_v2, Chaoticenviroment\_v2, Poorlivingconditions\_v2**
2. **Dependent Variable: Syntacticlanguagescores**

Page 1

**ANOVAa**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **Sum of** |  |  |  |  |
| **Model** |  | **Squares** | **df** | **Mean Square** | **F** | **Sig.** |
| **1** | **Regression** | **23** | **.442** | **5** | **4.688** | **1.262** | **. 290 b** |
|  | **Residual** | **267** | **.430** | **7 2** | **3.714** |  |  |
|  | **Total** | **290** | **.872** | **7 7** |  |  |  |
|  |  |  |  |  |  |  |  |



1. **Dependent Variable: Syntacticlanguagescores**
2. **Predictors: (Constant), Time spent in schools, LowSESconditions\_v2, Deprivedenviroments\_v2, Chaoticenviroment\_v2, Poorlivingconditions\_v2**

**Coefficientsa**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | **Standardized** |  |  |  |  |  |
|  |  | **Unstandardized Coefficients** | **Coefficients** |  |  |  |  |  |
| **Model** |  | **B** |  | **Std. Error** | **Beta** | **t** |  |  |  |  |
|  |  |  |  |  |  |
| **1** | **(Constant)** | **7.187** |  | **1.039** |  | **6.916** |  |  |  |
|  | **Deprivedenviroments\_v2** | **1.179** |  | **.779** | **.295** | **1.513** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  | **Chaoticenviroment\_v2** | **.632** |  | **.835** | **.145** | **.757** |  |  |  |
|  | **Poorlivingconditions\_v2** | **-.115** |  | **.999** | **-.030** | **- . 1** | **1 5** |  |  |  |
|  | **LowSESconditions\_v2** | **-.809** |  | **.986** | **-.209** | **- . 8** | **2 0** |  |  |  |
|  | **Time spent in schools** | **-.005** |  | **.006** | **-.103** | **- . 8** | **7 8** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |



**Coefficientsa**

|  |  |  |
| --- | --- | --- |
| **Model** |  | **Sig.** |
| **1** | **(Constant)** | **.000** |
|  |  |  |
|  | **Deprivedenviroments\_v2** | **.135** |



**Chaoticenviroment\_v2** **. 452**

**Poorlivingconditions\_v2** **. 909**

**LowSESconditions\_v2** **. 415**

**Time spent in schools** **. 383**

**a. Dependent Variable: Syntacticlanguagescores**

**Residuals Statisticsa**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Minimum** | **Maximum** | **Mean** | **Std. Deviation** | **N** |
| **Predicted Value** | **6.15** | **8.22** | **7.41** | **.552** | **7 8** |
| **Residual** | **-3.052** | **6.033** | **.000** | **1.864** | **7 8** |
| **Std. Predicted Value** | **-2.289** | **1.465** | **.000** | **1.000** | **7 8** |
| **Std. Residual** | **-1.584** | **3.130** | **.000** | **.967** | **7 8** |
|  |  |  |  |  |  |



**a. Dependent Variable: Syntacticlanguagescores**

Page 2

**Charts**

**Histogram**

**Dependent Variable: Syntacticlanguagescores**



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  | **Mean = 8.59E-17** |  |
|  | **2 0** |  |  |  |  |  | **Std. Dev. = 0 . 9 6 7** |  |
|  |  |  |  |  |  |  | **N =78** |  |
|  | **1 5** |  |  |  |  |  |  |  |
| **Frequency** | **1 0** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | **5** |  |  |  |  |  |  |  |
|  | **0** |  |  |  |  |  |  |  |
|  | **- 2** | **- 1** | **0** | **1** | **2** | **3** | **4** |  |

**Regression Standardized Residual**

**Normal P-P Plot of Regression Standardized Residual**

**Dependent Variable: Syntacticlanguagescores**

**1 . 0**



**0 . 8**

|  |
| --- |
| **Expected Cum Prob** |

**0 . 6**

**0 . 4**

**0 . 2**

**0 . 0**

**0.0** **0.2** **0.4** **0.6** **0.8** **1.0**

**Observed Cum Prob**

Page 3

**Scatterplot**

**Dependent Variable: Syntacticlanguagescores**



|  |
| --- |
| **Regression Standardized Residual** |

**4**

**3**

**2**

**1**

**0**

**- 1**

**- 2**

**-3** **-2** **-1** **0** **1** **2**

**Regression Standardized Predicted Value**

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA CHANGE

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT Syntacticlanguagescores

/METHOD=ENTER Deprivedenviroments\_v2Chaoticenviroment\_v2Poolivingcondit ions\_v2

LowSESconditions\_v2Timespentinschools /SCATTERPLOT=(\*ZRESID ,\*ZPRED)

/RESIDUALS DURBIN HISTOGRAM(ZRESID) NORMPROB(ZRESID)

/SAVE ZPRED COOK LEVER ZRESID.

**Regression**

Page 4

**Variables Entered/Removed a**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Variables** | **Variables** |  |
| **Model** | **Entered** | **Removed** | **Method** |
| **1** | **Time spent** | **.** | **Enter** |
|  | **in schools,** |  |  |
|  | **LowSEScondit** |  |  |
|  | **ions\_v2,** |  |  |
|  | **Deprivedenvi** |  |  |
|  | **roments\_v2,** |  |  |
|  | **Chaoticenviro** |  |  |
|  | **ment\_v2,** |  |  |
|  | **Poorlivingcon** |  |  |
|  | **ditions\_v2b** |  |  |
|  |  |  |  |



1. **Dependent Variable: Syntacticlanguagescores**
2. **All requested variables entered.**

**Model Summary b**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | **Change Statistics** |  |  |
|  |  |  |  |  | **Adjusted R** | **Std. Error of** | **R Square** |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Model** | **R** |  | **R Square** | **Square** | **the Estimate** | **Change** | **F Change** |  |  |  |
| **1** | **. 284 a** |  | **.081** |  | **.017** |  | **1.927** | **.081** | **1.262** |  |  |  |
|  |  |  |  |  | **Model Summary b** |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  | **Change Statistics** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | **Durbin-** |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **Model** | **df1** |  | **df2** |  | **Sig. F Change** |  | **Watson** |  |  |  |  |  |
| **1** | **5** |  | **7 2** |  | **.290** |  | **2.108** |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |



1. **Predictors: (Constant), Time spent in schools, LowSESconditions\_v2, Deprivedenviroments\_v2, Chaoticenviroment\_v2, Poorlivingconditions\_v2**
2. **Dependent Variable: Syntacticlanguagescores**

**ANOVAa**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **Sum of** |  |  |  |  |
| **Model** |  | **Squares** | **df** | **Mean Square** | **F** | **Sig.** |
| **1** | **Regression** | **23** | **.442** | **5** | **4.688** | **1.262** | **. 290 b** |
|  | **Residual** | **267** | **.430** | **7 2** | **3.714** |  |  |
|  | **Total** | **290** | **.872** | **7 7** |  |  |  |
|  |  |  |  |  |  |  |  |



1. **Dependent Variable: Syntacticlanguagescores**
2. **Predictors: (Constant), Time spent in schools, LowSESconditions\_v2, Deprivedenviroments\_v2, Chaoticenviroment\_v2, Poorlivingconditions\_v2**

Page 5

**Coefficientsa**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | **Standardized** |  |  |  |  |  |
|  |  | **Unstandardized Coefficients** | **Coefficients** |  |  |  |  |  |
| **Model** |  | **B** |  | **Std. Error** | **Beta** | **t** |  |  |  |  |
|  |  |  |  |  |  |
| **1** | **(Constant)** | **7.187** |  | **1.039** |  | **6.916** |  |  |  |
|  | **Deprivedenviroments\_v2** | **1.179** |  | **.779** | **.295** | **1.513** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  | **Chaoticenviroment\_v2** | **.632** |  | **.835** | **.145** | **.757** |  |  |  |
|  | **Poorlivingconditions\_v2** | **-.115** |  | **.999** | **-.030** | **- . 1** | **1 5** |  |  |  |
|  | **LowSESconditions\_v2** | **-.809** |  | **.986** | **-.209** | **- . 8** | **2 0** |  |  |  |
|  | **Time spent in schools** | **-.005** |  | **.006** | **-.103** | **- . 8** | **7 8** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |



**Coefficientsa**

|  |  |  |
| --- | --- | --- |
| **Model** |  | **Sig.** |
| **1** | **(Constant)** | **.000** |
|  |  |  |
|  | **Deprivedenviroments\_v2** | **.135** |



**Chaoticenviroment\_v2** **. 452**

**Poorlivingconditions\_v2** **. 909**

**LowSESconditions\_v2** **. 415**

**Time spent in schools** **. 383**

**a. Dependent Variable: Syntacticlanguagescores**

**Residuals Statisticsa**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Minimum** | **Maximum** | **Mean** | **Std. Deviation** | **N** |
| **Predicted Value** | **6.15** |  | **8.22** | **7.41** | **.552** | **7 8** |
| **Std. Predicted Value** | **-2.289** | **1** | **.465** | **.000** | **1.000** | **7 8** |
| **Standard Error of** | **.350** |  | **.999** | **.508** | **.167** | **7 8** |
| **Predicted Value** |  |  |  |  |  |  |
| **Adjusted Predicted Value** | **5.59** |  | **8.36** | **7.41** | **.600** | **7 8** |
|  |  |  |  |  |  |  |
| **Residual** | **-3.052** | **6** | **.033** | **.000** | **1.864** | **7 8** |
| **Std. Residual** | **-1.584** | **3** | **.130** | **.000** | **.967** | **7 8** |
| **Stud. Residual** | **-1.610** | **3** | **.261** | **.000** | **1.004** | **7 8** |
| **Deleted Residual** | **-3.364** | **6** | **.546** | **-.001** | **2.011** | **7 8** |
| **Stud. Deleted Residual** | **-1.629** | **3** | **.507** | **.006** | **1.023** | **7 8** |
| **Mahal. Distance** | **1.546** | **19** | **.695** | **4.936** | **4.408** | **7 8** |
| **Cook's Distance** | **.000** |  | **.151** | **.013** | **.025** | **7 8** |
| **Centered Leverage Value** | **.020** |  | **.256** | **.064** | **.057** | **7 8** |
|  |  |  |  |  |  |  |



**a. Dependent Variable: Syntacticlanguagescores**

Page 6

**Charts**

**Histogram**

**Dependent Variable: Syntacticlanguagescores**



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  | **Mean = 8.59E-17** |  |
|  | **2 0** |  |  |  |  |  | **Std. Dev. = 0 . 9 6 7** |  |
|  |  |  |  |  |  |  | **N =78** |  |
|  | **1 5** |  |  |  |  |  |  |  |
| **Frequency** | **1 0** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | **5** |  |  |  |  |  |  |  |
|  | **0** |  |  |  |  |  |  |  |
|  | **- 2** | **- 1** | **0** | **1** | **2** | **3** | **4** |  |

**Regression Standardized Residual**

**Normal P-P Plot of Regression Standardized Residual**

**Dependent Variable: Syntacticlanguagescores**

**1 . 0**



**0 . 8**

|  |
| --- |
| **Expected Cum Prob** |

**0 . 6**

**0 . 4**

**0 . 2**

**0 . 0**

**0.0** **0.2** **0.4** **0.6** **0.8** **1.0**

**Observed Cum Prob**

Page 7

**Scatterplot**

**Dependent Variable: Syntacticlanguagescores**



|  |
| --- |
| **Regression Standardized Residual** |

**4**

**3**

**2**

**1**

**0**

**- 1**

**- 2**

**-3** **-2** **-1** **0** **1** **2**

**Regression Standardized Predicted Value**

GRAPH

/SCATTERPLOT(BIVAR)=ZPR\_12 WITH ZRE\_12

/MISSING=LISTWISE.

**Graph**



|  |
| --- |
| **Standardized Residual** |

**4.00000**

**3.00000**

**2.00000**

**1.00000**

**.00000**

**-1.00000**

**-2.00000**

**-3.00000** **-2.00000** **-1.00000** **.00000** **1.00000** **2.00000**

**Standardized Predicted Value**

REGRESSION

Page 8

/DESCRIPTIVES MEAN STDDEV CORR SIG N

/MISSING LISTWISE

/STATISTICS COEFF OUTS BCOV R ANOVA COLLIN TOL /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN

/DEPENDENT Syntacticlanguagescores

/METHOD=ENTER Deprivedenviroments\_v2Chaoticenviroment\_v2Poolivingcondit ions\_v2

LowSESconditions\_v2Timespentinschools /SCATTERPLOT=(\*ZRESID ,\*ZPRED)

/RESIDUALS HISTOGRAM(ZRESID) NORMPROB(ZRESID).

**Regression**

**Descriptive Statistics**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Mean** | **Std. Deviation** | **N** |
| **Syntacticlanguagescores** | **7** | **. 41** | **1** | **.944** | **7 8** |
| **Deprivedenviroments\_v2** |  | **. 63** |  | **.486** | **7 8** |
|  |  |  |  |  |  |
| **Chaoticenviroment\_v2** |  | **. 27** |  | **.446** | **7 8** |
| **Poorlivingconditions\_v2** |  | **. 46** |  | **.502** | **7 8** |
| **LowSESconditions\_v2** |  | **. 47** |  | **.503** | **7 8** |
| **Time spent in schools** | **46** | **.68** | **37** | **.467** | **7 8** |
|  |  |  |  |  |  |



**Correlations**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **Syntacticlangu** | **Deprivedenvir** | **Chaoticenviro** |  |
|  |  | **agescores** | **oments\_v2** | **ment\_v2** |  |
| **Pearson Correlation** | **Syntacticlanguagescores** | **1.000** | **.191** | **-.129** |  |  |
|  | **Deprivedenviroments\_v2** | **.191** | **1.000** | **-.789** |  |  |
|  |  |  |  |  |  |  |
|  | **Chaoticenviroment\_v2** | **-.129** | **-.789** | **1.000** |  |  |
|  | **Poorlivingconditions\_v2** | **.190** | **.180** | **-.214** |  |  |
|  | **LowSESconditions\_v2** | **-.175** | **-.013** | **.118** |  |  |
|  | **Time spent in schools** | **-.116** | **-.126** | **.222** |  |  |
| **Sig. (1-tailed)** | **Syntacticlanguagescores** | **.** | **.047** | **.130** |  |  |
|  | **Deprivedenviroments\_v2** | **.047** | **.** | **.000** |  |  |
|  |  |  |  |  |  |  |
|  | **Chaoticenviroment\_v2** | **.130** | **.000** | **.** |  |  |
|  | **Poorlivingconditions\_v2** | **.048** | **.057** | **.030** |  |  |
|  | **LowSESconditions\_v2** | **.062** | **.455** | **.152** |  |  |
|  | **Time spent in schools** | **.157** | **.137** | **.025** |  |  |
| **N** | **Syntacticlanguagescores** | **7 8** | **7 8** | **7 8** |  |  |
|  | **Deprivedenviroments\_v2** | **7 8** | **7 8** | **7 8** |  |  |
|  |  |  |  |  |  |  |
|  | **Chaoticenviroment\_v2** | **7 8** | **7 8** | **7 8** |  |  |
|  | **Poorlivingconditions\_v2** | **7 8** | **7 8** | **7 8** |  |  |
|  |  |  |  |  |  |  |



Page 9

**Correlations**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **Poorlivingcondi** | **LowSESconditio** | **Time spent in** |  |  |
|  |  | **tions\_v2** | **ns\_v2** | **schools** |  |  |
| **Pearson Correlation** | **Syntacticlanguagescores** | **.190** | **-.175** | **-.116** |  |  |
|  | **Deprivedenviroments\_v2** | **.180** | **-.013** | **-.126** |  |  |
|  |  |  |  |  |  |  |
|  | **Chaoticenviroment\_v2** | **-.214** | **.118** | **.222** |  |  |
|  | **Poorlivingconditions\_v2** | **1.000** | **-.879** | **-.128** |  |  |
|  | **LowSESconditions\_v2** | **-.879** | **1.000** | **.054** |  |  |
|  | **Time spent in schools** | **-.128** | **.054** | **1.000** |  |  |
| **Sig. (1-tailed)** | **Syntacticlanguagescores** | **.048** | **.062** | **.157** |  |  |
|  | **Deprivedenviroments\_v2** | **.057** | **.455** | **.137** |  |  |
|  |  |  |  |  |  |  |
|  | **Chaoticenviroment\_v2** | **.030** | **.152** | **.025** |  |  |
|  | **Poorlivingconditions\_v2** | **.** | **.000** | **.132** |  |  |
|  | **LowSESconditions\_v2** | **.000** | **.** | **.320** |  |  |
|  | **Time spent in schools** | **.132** | **.320** | **.** |  |  |
| **N** | **Syntacticlanguagescores** | **7 8** | **7 8** | **7 8** |  |  |
|  | **Deprivedenviroments\_v2** | **7 8** | **7 8** | **7 8** |  |  |
|  |  |  |  |  |  |  |
|  | **Chaoticenviroment\_v2** | **7 8** | **7 8** | **7 8** |  |  |
|  | **Poorlivingconditions\_v2** | **7 8** | **7 8** | **7 8** |  |  |
|  |  |  |  |  |  |  |
|  | **Correlations** |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | **Syntacticlangu** | **Deprivedenvir** | **Chaoticenviro** |  |  |
|  |  | **agescores** | **oments\_v2** | **ment\_v2** |  |  |
|  | **LowSESconditions\_v2** | **7 8** | **7 8** | **7 8** |  |  |
|  | **Time spent in schools** | **7 8** | **7 8** | **7 8** |  |  |
|  | **Correlations** |  |  |  |  |
|  |  |  |  |  |  |
|  |  | **Poorlivingcondi** | **LowSESconditio** | **Time spent in** |  |  |
|  |  | **tions\_v2** | **ns\_v2** | **schools** |  |  |
|  | **LowSESconditions\_v2** | **7 8** | **7 8** | **7 8** |  |  |
|  | **Time spent in schools** | **7 8** | **7 8** | **7 8** |  |  |
|  |  |  |  |  |  |  |



Page 10

**Variables Entered/Removed a**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Variables** | **Variables** |  |
| **Model** | **Entered** | **Removed** | **Method** |
| **1** | **Time spent** | **.** | **Enter** |
|  | **in schools,** |  |  |
|  | **LowSEScondit** |  |  |
|  | **ions\_v2,** |  |  |
|  | **Deprivedenvi** |  |  |
|  | **roments\_v2,** |  |  |
|  | **Chaoticenviro** |  |  |
|  | **ment\_v2,** |  |  |
|  | **Poorlivingcon** |  |  |
|  | **ditions\_v2b** |  |  |
|  |  |  |  |



1. **Dependent Variable: Syntacticlanguagescores**
2. **All requested variables entered.**

**Model Summary b**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | **Adjusted R** | **Std. Error of** |
| **Model** | **R** | **R Square** | **Square** | **the Estimate** |
| **1** | **. 284 a** | **.081** | **.017** | **1.927** |



1. **Predictors: (Constant), Time spent in schools, LowSESconditions\_v2, Deprivedenviroments\_v2, Chaoticenviroment\_v2, Poorlivingconditions\_v2**
2. **Dependent Variable: Syntacticlanguagescores**

**ANOVAa**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **Sum of** |  |  |  |  |
| **Model** |  | **Squares** | **df** | **Mean Square** | **F** | **Sig.** |
| **1** | **Regression** | **23** | **.442** | **5** | **4.688** | **1.262** | **. 290 b** |
|  | **Residual** | **267** | **.430** | **7 2** | **3.714** |  |  |
|  | **Total** | **290** | **.872** | **7 7** |  |  |  |
|  |  |  |  |  |  |  |  |



1. **Dependent Variable: Syntacticlanguagescores**
2. **Predictors: (Constant), Time spent in schools, LowSESconditions\_v2, Deprivedenviroments\_v2, Chaoticenviroment\_v2, Poorlivingconditions\_v2**

Page 11

**Coefficientsa**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | **Standardized** |  |  |  |  |
|  |  | **Unstandardized Coefficients** |  | **Coefficients** |  |  |  |  |
| **Model** |  | **B** |  | **Std. Error** |  |  | **Beta** | **t** |  |  |  |
|  |  |  |  |  |  |
| **1** | **(Constant)** | **7.187** |  | **1.039** |  |  |  | **6.916** |  |  |  |
|  | **Deprivedenviroments\_v2** | **1.179** |  |  | **.779** |  | **.295** | **1.513** |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Chaoticenviroment\_v2** | **.632** |  |  | **.835** |  | **.145** | **.757** |  |  |  |
|  | **Poorlivingconditions\_v2** | **-.115** |  |  | **.999** |  | **-.030** | **-.115** |  |  |  |
|  | **LowSESconditions\_v2** | **-.809** |  |  | **.986** |  | **-.209** | **-.820** |  |  |  |
|  | **Time spent in schools** | **-.005** |  |  | **.006** |  | **-.103** | **-.878** |  |  |  |
|  |  | **Coefficientsa** |  |  |  |  |  |  |  |  |  |
|  |  |  |  | **Collinearity Statistics** |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Model** |  | **Sig.** |  | **Tolerance** |  | **VIF** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **1** | **(Constant)** | **.000** |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Deprivedenviroments\_v2** | **.135** |  | **.336** |  | **2.980** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Chaoticenviroment\_v2** | **.452** |  | **.347** |  | **2.879** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Poorlivingconditions\_v2** | **.909** |  | **.192** |  | **5.212** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **LowSESconditions\_v2** | **.415** |  | **.196** |  | **5.094** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Time spent in schools** | **.383** |  | **.921** |  | **1.086** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



**a. Dependent Variable: Syntacticlanguagescores**

**Coefficient Correlations a**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Time spent in** | **LowSESconditio** | **Deprivedenvir** |  |
| **Model** |  |  | **schools** | **ns\_v2** | **oments\_v2** |  |
| **1** | **Correlations** | **Time spent in schools** | **1.000** | **.131** | **-.121** |  |  |
|  |  | **LowSESconditions\_v2** | **.131** | **1.000** | **-.323** |  |  |
|  |  | **Deprivedenviroments\_v2** | **-.121** | **-.323** | **1.000** |  |  |
|  |  |  |  |  |  |  |  |
|  |  | **Chaoticenviroment\_v2** | **-.209** | **-.177** | **.784** |  |  |
|  |  | **Poorlivingconditions\_v2** | **.156** | **.893** | **-.299** |  |  |
|  | **Covariances** | **Time spent in schools** | **3.730E-5** | **.001** | **-.001** |  |  |
|  |  | **LowSESconditions\_v2** | **.001** | **.973** | **-.248** |  |  |
|  |  | **Deprivedenviroments\_v2** | **-.001** | **-.248** | **.608** |  |  |
|  |  |  |  |  |  |  |  |
|  |  | **Chaoticenviroment\_v2** | **-.001** | **-.146** | **.510** |  |  |
|  |  | **Poorlivingconditions\_v2** | **.001** | **.880** | **-.233** |  |  |
|  |  |  |  |  |  |  |  |



Page 12

**Coefficient Correlations a**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | **Chaoticenviro** | **Poorlivingcondi** |
| **Model** |  |  | **ment\_v2** | **tions\_v2** |
| **1** | **Correlations** | **Time spent in schools** | **-.209** | **.156** |  |
|  |  | **LowSESconditions\_v2** | **-.177** | **.893** |  |
|  |  | **Deprivedenviroments\_v2** | **.784** | **-.299** |  |
|  |  |  |  |  |  |
|  |  | **Chaoticenviroment\_v2** | **1.000** | **-.114** |  |
|  |  | **Poorlivingconditions\_v2** | **-.114** | **1.000** |  |
|  | **Covariances** | **Time spent in schools** | **-.001** | **.001** |  |
|  |  | **LowSESconditions\_v2** | **-.146** | **.880** |  |
|  |  | **Deprivedenviroments\_v2** | **.510** | **-.233** |  |
|  |  |  |  |  |  |
|  |  | **Chaoticenviroment\_v2** | **.697** | **-.095** |  |
|  |  | **Poorlivingconditions\_v2** | **-.095** | **.999** |  |
|  |  |  |  |  |  |



**a. Dependent Variable: Syntacticlanguagescores**

**Collinearity Diagnostics a**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  | **Variance Proportions** |  |
|  |  |  | **Condition** |  | **Deprivedenvir** |  | **Chaoticenviro** |  |  |
|  |  |  |  |  |  |  |
| **Model** | **Dimension** | **Eigenvalue** | **Index** | **(Constant)** | **oments\_v2** |  | **ment\_v2** |  |  |
| **1** | **1** | **3.575** | **1** | **.000** | **. 00** | **. 01** |  | **. 01** |  |  |
|  | **2** | **1.176** | **1** | **.744** | **. 00** | **. 02** |  | **. 08** |  |  |
|  | **3** | **.851** | **2** | **.050** | **. 00** | **. 02** |  | **. 09** |  |  |
|  | **4** | **.305** | **3** | **.425** | **. 01** | **. 00** |  | **. 07** |  |  |
|  | **5** | **.065** | **7** | **.409** | **. 07** | **. 94** |  | **. 72** |  |  |
|  | **6** | **.028** | **11** | **.322** | **. 92** | **. 01** |  | **. 04** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |



**Collinearity Diagnostics a**

|  |  |  |
| --- | --- | --- |
|  |  | **Variance Proportions** |
|  |  |  |  |  |
|  |  | **Poorlivingcondi** | **LowSESconditio** | **Time spent in** |
| **Model** | **Dimension** | **tions\_v2** | **ns\_v2** | **schools** |
| **1** | **1** | **. 00** | **. 00** | **. 02** |
|  |  |  |  |  |
|  | **2** | **. 03** | **. 02** | **. 00** |
|  |  |  |  |  |
|  | **3** | **. 03** | **. 04** | **. 00** |
|  |  |  |  |  |
|  | **4** | **. 01** | **. 02** | **. 90** |
|  |  |  |  |  |
|  | **5** | **. 16** | **. 19** | **. 01** |
|  |  |  |  |  |
|  | **6** | **. 77** | **. 73** | **. 07** |
|  |  |  |  |  |



**a. Dependent Variable: Syntacticlanguagescores**

Page 13

**Residuals Statisticsa**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Minimum** | **Maximum** | **Mean** | **Std. Deviation** | **N** |
| **Predicted Value** | **6.15** | **8.22** | **7.41** | **.552** | **7 8** |
| **Residual** | **-3.052** | **6.033** | **.000** | **1.864** | **7 8** |
| **Std. Predicted Value** | **-2.289** | **1.465** | **.000** | **1.000** | **7 8** |
| **Std. Residual** | **-1.584** | **3.130** | **.000** | **.967** | **7 8** |
|  |  |  |  |  |  |



**a. Dependent Variable: Syntacticlanguagescores**

**Charts**

**Histogram**

**Dependent Variable: Syntacticlanguagescores**



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  | **Mean = 8.59E-17** |  |
|  | **2 0** |  |  |  |  |  | **Std. Dev. = 0 . 9 6 7** |  |
|  |  |  |  |  |  |  | **N =78** |  |
|  | **1 5** |  |  |  |  |  |  |  |
| **Frequency** | **1 0** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | **5** |  |  |  |  |  |  |  |
|  | **0** |  |  |  |  |  |  |  |
|  | **- 2** | **- 1** | **0** | **1** | **2** | **3** | **4** |  |

**Regression Standardized Residual**

Page 14

|  |
| --- |
| **Regression Standardized Residual** |

**Normal P-P Plot of Regression Standardized Residual**

**Dependent Variable: Syntacticlanguagescores**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1 . 0** |  |  |  |  |  |  |
|  | **0 . 8** |  |  |  |  |  |  |
| **Prob** | **0 . 6** |  |  |  |  |  |  |
| **Cum** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Expected** | **0 . 4** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **0 . 2** |  |  |  |  |  |  |
|  | **0 . 0** |  |  |  |  |  |  |
|  | **0 . 0** | **0 . 2** | **0 . 4** | **0 . 6** | **0 . 8** | **1 . 0** |  |



**Observed Cum Prob**

**Scatterplot**

**Dependent Variable: Syntacticlanguagescores**



**4**

**3**

**2**

**1**

**0**

* **1**
* **2**

**-3** **-2** **-1** **0** **1** **2**

**Regression Standardized Predicted Value**

Page 15