**ANEXO 4**

**TABLAS BIVARIADAS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| *Análisis estadístico de la Evaluación de la Calidad de la Educación en las escuelas Primarias en el cantón Guayaquil, sector centro-sur de la urbe.*Distribución Conjunta de Género y Sumas Enteras

|  |  |  |  |
| --- | --- | --- | --- |
| **Codificación** | **X=Sumas de Enteros** | **Y= Género** | ***Marginal*** ***“Sumas de Enteros”*** |
| **Masculino** | **Femenino** |
| **0** | No Realizó las Sumas | *0.037* | *0.023* | ***0,060*** |
| **1** | Realizó Correctamente la Suma sin llevar | *0.028* | *0.023* | ***0,051*** |
| **2** | Realizó Correctamente la suma sin llevar y una llevando | *0.015* | *0.014* | ***0,028*** |
| **3** | Realizó Correctamente una Suma llevando y no la Suma sin llevar | *0.007* | *0.004* | ***0,011*** |
| **4** | Realizó Correctamente las dos Sumas llevando y no realizo la sumas sin llevar | *0.005* | *0.004* | ***0,009*** |
| **5** | Realizó Correctamente todas las Sumas | *0.458* | *0.382* | ***0.841*** |
| ***Marginal “Género”*** | ***0,504*** | ***0,496*** | ***1,000*** |

**Distribución Condicional P(Y/X=x)**

|  |  |  |
| --- | --- | --- |
| **Sumas Enteras** | **Género** | **Total** |
| **Masculino** | **Femenino** |
| **0** | *0.613* | *0.387* | **1.000** |
| **1** | *0.557* | *0.443* | **1.000** |
| **2** | *0.523* | *0.477* | **1.000** |
| **3** | *0.641* | *0.353* | **1.000** |
| **4** | *0.571* | *0.429* | **1.000** |
| **5** | *0.545* | *0.455* | **1.000** |

**Distribución Condicional P(X/Y=y)**

|  |  |
| --- | --- |
| **Sumas Enteras** | **Género** |
| **Masculino** | **Femenino** |
| **0** | *0.067* | *0.052* |
| **1** | *0.051* | *0.050* |
| **2** | *0.027* | *0.030* |
| **3** | *0.013* | *0.009* |
| **4** | *0.009* | *0.009* |
| **5** | *0.833* | *0.851* |
| **Total** | **1.000** | **1.000** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Análisis estadístico de la Evaluación de la Calidad de la Educación en las escuelas Primarias en el cantón Guayaquil, sector centro-sur de la urbe.*Distribución Conjunta de Género y Restas de Enteros

|  |  |  |  |
| --- | --- | --- | --- |
| **Codificación** | **X=Restas de Enteros** | **Y= Género** | ***Marginal*** ***“Restas de Enteros”*** |
| **Masculino** | **Femenino** |
| **0** | No Realizó las Sumas | *0.050* | *0.039* | ***0,090*** |
| **1** | Realizó Correctamente la Resta sin llevar y no realizó la Resta llevando | *0.146* | *.0120* | ***0,266*** |
| **2** | Realizó Correctamente la Resta llevando, y no la resta sin llevar | *0.017* | *0.008* | ***0,028*** |
| **3** | Realizó Correctamente todas las Restas | *0.337* | *0.282* | ***0,619*** |
| ***Marginal “Género”*** | ***0,551*** | ***0,449*** | ***1,000*** |

**Distribución Condicional P(Y/X=x)**

|  |  |  |
| --- | --- | --- |
| **Restas de Enteros** | **Género** | **Total** |
| **Masculino** | **Femenino** |
| **0** | *0.561* | *0.439* | **1.000** |
| **1** | *0.550* | *0.450* | **1.000** |
| **2** | *0.675* | *0.325* | **1.000** |
| **3** | *.0544* | *0.456* | **1.000** |

**Distribución Condicional P(X/Y=y)**

|  |  |
| --- | --- |
| **Restas de Enteros** | **Género** |
| **Masculino** | **Femenino** |
| **0** | *0.091* | *0.087* |
| **1** | *0.265* | *0.266* |
| **2** | *0.032* | *0.019* |
| **3** | *0.612* | *0.628* |
| **Total** | **1.000** | **1.000** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Análisis estadístico de la Evaluación de la Calidad de la Educación en las escuelas Primarias en el cantón Guayaquil, sector centro-sur de la urbe.*Distribución Conjunta de Género e Inferencia Escrita

|  |  |  |  |
| --- | --- | --- | --- |
| **Codificación** | **X=Inferencia Escrita** | **Y= Género** | ***Marginal*** ***“Inferencia Escrita”*** |
| **Masculino** | **Femenino** |
| **0** | No escribe o Garabatea | *0.064* | *0.032* | ***0,060*** |
| **1** | Escribe una respuesta que no corresponde con la pregunta ni con la narración | *0.039* | *0.022* | ***0,051*** |
| **2** | Responde Incorrectamente a pesar de que lo relación con la narración | *0.108* | *0.076* | ***0,028*** |
| **3** | Responde Correctamente copiando total o parcialmente la narración | *0.098* | *0.111* | ***0,011*** |
| **4** | Escribe una respuesta que vincula la pregunta con la narración | *0.242* | *0.209* | ***0,009*** |
| ***Marginal “Género”*** | ***0,551*** | ***0,449*** | ***1,000*** |

**Distribución Condicional P(Y/X=x)**

|  |  |  |
| --- | --- | --- |
| **Inferencia Escrita** | **Género** | **Total** |
| **Masculino** | **Femenino** |
| **0** | *0.671* | *0.329* | **1.000** |
| **1** | *0.638* | *0.362* | **1.000** |
| **2** | *0.586* | *0.414* | **1.000** |
| **3** | *0.468* | *0.32* | **1.000** |
| **4** | *0.537* | *0.463* | **1.000** |

**Distribución Condicional P(X/Y=y)**

|  |  |
| --- | --- |
| **Inferencia Escrita** | **Género** |
| **Masculino** | **Femenino** |
| **0** | *0.117* | *0.070* |
| **1** | *0.070* | *0.049* |
| **2** | *0.195* | *0.169* |
| **3** | *0.178* | *0.248* |
| **4** | *0.440* | *0.464* |
| **Total** | **1.000** | **1.000** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Análisis estadístico de la Evaluación de la Calidad de la Educación en las escuelas Primarias en el cantón Guayaquil, sector centro-sur de la urbe.*Distribución Conjunta de Género y Completar Oraciones

|  |  |  |  |
| --- | --- | --- | --- |
| **Codificación** | **X=Completar Oraciones** | **Y= Género** | ***Marginal*** ***“Completar Oraciones”*** |
| **Masculino** | **Femenino** |
| **0** | No completa oración  | *0.027* | *0.025* | ***0,060*** |
| **1** | Completa una oración con coherencia | *0.222* | *0.159* | ***0,051*** |
| **2** | Completa las dos Oraciones guardando una relación lógica | *0.302* | *0.265* | ***0,028*** |
| ***Marginal “Género”*** | ***0,551*** | ***0,449*** | ***1,000*** |

**Distribución Condicional P(X/Y=y)**

|  |  |
| --- | --- |
| **Completar Oraciones** | **Género** |
| **Masculino** | **Femenino** |
| **0** | *0.049* | *0.056* |
| **1** | *0.402* | *0.354* |
| **2** | *0.549* | *0.590* |
| **Total** | **1.000** | **1.000** |

**Distribución Condicional P(Y/X=x)**

|  |  |  |
| --- | --- | --- |
| **Completar Oraciones** | **Género** | **Total** |
| **Masculino** | **Femenino** |
| **0** | *0.519* | *0.481* | **1.000** |
| **1** | *0.582* | *0.418* | **1.000** |
| **2** | *0.532* | *0.468* | **1.000** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Análisis estadístico de la Evaluación de la Calidad de la Educación en las escuelas Primarias en el cantón Guayaquil, sector centro-sur de la urbe.*Distribución Conjunta de Inferencia Escrita y Respuesta Breve

|  |  |  |  |
| --- | --- | --- | --- |
| **Codificación** | **X= Inferencia Escrita** | **Y= Respuesta Breve** | ***Marginal*** ***“* Inferencia Escrita *”*** |
| **No responde correctamente la pregunta** | **Responde correctamente la pregunta** |
| **0** | No escribe o garabatea | 0.051 | 0.045 | 0.096 |
| **1** | Escribe una respuesta que no corresponde con la pregunta ni | 0.017 | 0.043 | 0.061 |
| **2** | Responde incorrectamente a pesar de que lo relaciona con la | 0.030 | 0.153 | 0.184 |
| **3** | Responde correctamente copiando total o parcialmente de la l | 0.041 | 0.169 | 0.209 |
| **4** | Responde correctamente con sus propias palabras | 0.058 | 0.393 | 0.451 |
| ***Marginal “* Problema con Suma y Resta *”*** | 0.197 | 0.803 | ***1.000*** |

**Distribución Condicional P (Y│X=x)**

|  |  |  |
| --- | --- | --- |
| **Inferencia Escrita** | **Y= Respuesta Breve** | **Total** |
| **No responde correctamente la pregunta** | **Responde correctamente la pregunta** |
| **0** | 0.530 | 0.470 | **1.000** |
| **1** | 0.287 | 0.713 | **1.000** |
| **2** | 0.165 | 0.835 | **1.000** |
| **3** | 0.194 | 0.806 | **1.000** |
| **4** | 0.129 | 0.871 | **1.000** |

**Distribución Condicional P (X│Y=y)**

|  |  |
| --- | --- |
| **Inferencia Escrita** | **Y= Respuesta Breve** |
| **No responde correctamente la pregunta** | **Responde correctamente la pregunta** |
| **0** | 0.258 | 0.056 |
| **1** | 0.088 | 0.054 |
| **2** | 0.154 | 0.191 |
| **3** | 0.206 | 0.210 |
| **4** | 0.294 | 0.489 |
| **Total** | **1,000** | **1,000** |

 |

|  |
| --- |
| **Y= Respuesta Breve** |
| 0 | No escribe o garabatea |
| 1 | Escribe una respuesta que no corresponde con la pregunta |
| 2 | Responde incorrectamente a pesar de que lo relaciona |
| 3 | Responde correctamente copiando total o parcialmente  |
| 4 | Responde correctamente con sus propias palabras |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Análisis estadístico de la Evaluación de la Calidad de la Educación en las escuelas Primarias en el cantón Guayaquil, sector centro-sur de la urbe.*Distribución Conjunta de Unir con Rayas y Separar Sílabas

|  |  |  |  |
| --- | --- | --- | --- |
| **Codificación** | **X= Unir con Rayas** | **Y= Separar Sílabas** | ***Marginal*** ***“* Unir con Rayas *”*** |
| **0** | **1** | 2 | 3 | 4 |
| **0** | No compone correctamente las palabras propuestas | 0.019 | 0.000 | 0.001 | 0.008 | 0.005 | 0.033 |
| **1** | Compone correctamente una palabra enunciada | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 |
| **2** | Compone correctamente dos palabras enunciadas | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 |
| **3** | Compone correctamente tres palabras enunciadas | 0.006 | 0.001 | 0.002 | 0.004 | 0.008 | 0.021 |
| **4** | Compone correctamente todas las palabras enunciadas | 0.050 | 0.017 | 0.082 | 0.192 | 0.605 | 0.945 |
| ***Marginal “* Separar Sílabas *”*** | 0.075 | 0.017 | 0.084 | 0.204 | 0.619 | ***1.000*** |

**Distribución Condicional P (Y│X=x)**

|  |  |  |
| --- | --- | --- |
| **Unir con Rayas** | **Y= Separar Sílabas** | **Total** |
| 0 | 1 | 2 | 3 | 4 |
| **0** | 0.569 | 0.000 | 0.020 | 0.255 | 0.157 | 1.000 |
| **1** | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.000 |
| **2** | 0.000 | 0.000 | 0.000 | 0.000 | 1.000 | 1.000 |
| **3** | 0.313 | 0.031 | 0.094 | 0.188 | 0.375 | 1.000 |
| **4** | 0.052 | 0.018 | 0.087 | 0.203 | 0.640 | 1.000 |

**Distribución Condicional P (Y│ Y=y)**

|  |  |
| --- | --- |
| **Unir con Rayas** | **Y= Separar Sílabas** |
| 0 | 1 | 2 | 3 | 4 |
| **0** | 0.248 | 0.000 | 0.008 | 0.041 | 0.008 |
| **1** | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| **2** | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 |
| **3** | 0.085 | 0.037 | 0.023 | 0.019 | 0.012 |
| **4** | 0.658 | 0.963 | 0.969 | 0.940 | 0.978 |
| **Total** | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

 |

|  |
| --- |
| **Y= Separar Sílabas** |
| 0 | No descompone correctamente las palabras propuestas |
| 1 | Descompone correctamente al menos una de cuatro palabras propuestas |
| 2 | Descompone correctamente al menos dos de cuatro palabras propuestas |
| 3 | Descompone correctamente al menos tres de cuatro palabras propuestas |
| 4 | Descompone correctamente todas las palabras propuestas |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Análisis estadístico de la Evaluación de la Calidad de la Educación en las escuelas Primarias en el cantón Guayaquil, sector centro-sur de la urbe.*Distribución Conjunta de Tildar y Dictado de palabras

|  |  |  |  |
| --- | --- | --- | --- |
| **Codificación** | **X= Tildar** | **Y= Dictado de Palabras** | ***Marginal*** ***“* Tildar *”*** |
| **0** | **1** | 2 | 3 | 4 |
| **0** | No tilda correctamente las palabras enunciadas | 0.002 | 0.003 | 0.012 | 0.028 | 0.047 | 0.092 |
| **1** | Tilda correctamente una palabra | 0.000 | 0.000 | 0.005 | 0.005 | 0.012 | 0.021 |
| **2** | Tilda correctamente dos palabras | 0.001 | 0.000 | 0.005 | 0.009 | 0.019 | 0.033 |
| **3** | Tilda correctamente tres palabras | 0.000 | 0.000 | 0.017 | 0.025 | 0.058 | 0.100 |
| **4** | Tilda correctamente cuatro palabras | 0.001 | 0.001 | 0.017 | 0.030 | 0.043 | 0.093 |
| **5** | Tilda correctamente cinco palabras | 0.000 | 0.002 | 0.014 | 0.014 | 0.032 | 0.062 |
| **6** | Tilda correctamente todas las palabras | 0.003 | 0.010 | 0.090 | 0.195 | 0.302 | 0.599 |
| ***Marginal “* Dictado de Palabras *”*** | 0.006 | 0.015 | 0.158 | 0.307 | 0.513 | ***1.000*** |

**Distribución Condicional P (Y│Y=y)**

|  |  |
| --- | --- |
| **Unir con Rayas** | **Y= Separar Sílabas** |
| 0 | 1 | 2 | 3 | 4 |
| **0** | 0.300 | 0.167 | 0.077 | 0.092 | 0.092 |
| **1** | 0.000 | 0.000 | 0.028 | 0.017 | 0.023 |
| **2** | 0.100 | 0.000 | 0.028 | 0.029 | 0.038 |
| **3** | 0.000 | 0.000 | 0.106 | 0.082 | 0.113 |
| **4** | 0.200 | 0.083 | 0.106 | 0.099 | 0.084 |
| **5** | 0.000 | 0.125 | 0.089 | 0.046 | 0.062 |
| **6** | 0.400 | 0.625 | 0.565 | 0.635 | 0.589 |
| **Total** | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

**Distribución Condicional P (Y│X=x)**

|  |  |  |
| --- | --- | --- |
| **Unir con Rayas** | **Y= Separar Sílabas** | **Total** |
| 0 | 1 | 2 | 3 | 4 |
| **0** | 0.021 | 0.028 | 0.133 | 0.308 | 0.510 | 1.000 |
| **1** | 0.000 | 0.000 | 0.212 | 0.242 | 0.545 | 1.000 |
| **2** | 0.019 | 0.000 | 0.135 | 0.269 | 0.577 | 1.000 |
| **3** | 0.000 | 0.000 | 0.168 | 0.252 | 0.581 | 1.000 |
| **4** | 0.014 | 0.014 | 0.181 | 0.326 | 0.465 | 1.000 |
| **5** | 0.000 | 0.031 | 0.229 | 0.229 | 0.510 | 1.000 |
| **6** | 0.004 | 0.016 | 0.149 | 0.326 | 0.504 | 1.000 |

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|  |
| --- |
| **Y= Separar Sílabas** |
| 0 | No escribe o garabatea |
| 1 | Escribe una palabra correctamente |
| 2 | Escribe dos palabras correctamente  |
| 3 | Escribe tres palabras correctamente |
| 4 | Escribe todas las palabras correctamente |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Análisis estadístico de la Evaluación de la Calidad de la Educación en las escuelas Primarias en el cantón Guayaquil, sector centro-sur de la urbe.*Distribución Conjunta de Composición y Caligrafía

|  |  |  |  |
| --- | --- | --- | --- |
| **Codificación** | **X= Composición** | **Y= Caligrafía** | ***Marginal*** ***“* Composición *”*** |
| **0** | **1** | 2 | **3** |
| **0** | No escribe o garabatea | 0.066 | 0.000 | 0.000 | 0.000 | 0.066 |
| **1** | Escribe palabras o frases sin sentido | 0.000 | 0.006 | 0.000 | 0.000 | 0.006 |
| **2** | Escribe una o varias actividades que le gustaría hacer | 0.019 | 0.002 | 0.178 | 0.125 | 0.323 |
| **3** | Elabora una composición utilizando descripciones relacionales | 0.005 | 0.001 | 0.078 | 0.426 | 0.509 |
| **4** |  | 0.000 | 0.000 | 0.001 | 0.095 | 0.096 |
| ***Marginal “* Caligrafía *”*** | 0.090 | 0.008 | 0.257 | 0.645 | ***1.000*** |

**Distribución Condicional P (Y│ Y=y)**

|  |  |
| --- | --- |
| **Composición** | **Y= Caligrafía** |
| 0 | 1 | 2 | 3 |
| **0** | 0.734 | 0.000 | 0.000 | 0.000 |
| **1** | 0.000 | 0.692 | 0.000 | 0.000 |
| **2** | 0.209 | 0.231 | 0.692 | 0.194 |
| **3** | 0.058 | 0.077 | 0.303 | 0.660 |
| **4** | 0.000 | 0.000 | 0.005 | 0.147 |
| **Total** | 1.000 | 1.000 | 1.000 | 1.000 |

**Distribución Condicional P (Y│X=x)**

|  |  |  |
| --- | --- | --- |
| **Composición** | **Y= Caligrafía** | **Total** |
| 0 | 1 | 2 |  |
| **0** | 1.000 | 0.000 | 0.000 | 0.000 | 1.000 |
| **1** | 0.000 | 1.000 | 0.000 | 0.000 | 1.000 |
| **2** | 0.058 | 0.006 | 0.550 | 0.386 | 1.000 |
| **3** | 0.010 | 0.001 | 0.153 | 0.836 | 1.000 |
| **4** | 0.000 | 0.000 | 0.013 | 0.987 | 1.000 |

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|  |
| --- |
| **Y= Caligrafía** |
| 0 | No escribe o garabatea |
| 1 | Escribe de forma desordenada |
| 2 | Escribe de forma legible pero separando las palabras  |
| 3 | Escribe en forma legible y ordenada |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Análisis estadístico de la Evaluación de la Calidad de la Educación en las escuelas Primarias en el cantón Guayaquil, sector centro-sur de la urbe.*Distribución Conjunta de Composición y Dictado de Palabras

|  |  |  |  |
| --- | --- | --- | --- |
| **Codificación** | **X= Composición** | **Y= Dictado de Palabras** | ***Marginal*** ***“* Composición *”*** |
| **0** | **1** | 2 | 3 | 4 |
| **0** | No escribe o garabatea | 0.001 | 0.001 | 0.009 | 0.020 | 0.034 | 0.066 |
| **1** | Escribe palabras o frases sin sentido | 0.000 | 0.000 | 0.001 | 0.001 | 0.004 | 0.006 |
| **2** | Escribe una o varias actividades que le gustaría hacer | 0.001 | 0.006 | 0.047 | 0.096 | 0.173 | 0.323 |
| **3** | Elabora una composición utilizando descripciones relacionales | 0.003 | 0.008 | 0.086 | 0.162 | 0.250 | 0.509 |
| **4** |  | 0.001 | 0.000 | 0.015 | 0.028 | 0.051 | 0.096 |
| ***Marginal “* Dictado de Palabras *”*** | 0.006 | 0.015 | 0.158 | 0.307 | 0.513 | ***1.000*** |

**Distribución Condicional P (Y│X=x)**

|  |  |  |
| --- | --- | --- |
| **Composición** | **Y= Dictado de Palabras** | **Total** |
| 0 | 1 | 2 | 3 | 4 |
| **0** | 0.020 | 0.020 | 0.137 | 0.304 | 0.520 | 1.000 |
| **1** | 0.000 | 0.000 | 0.222 | 0.111 | 0.667 | 1.000 |
| **2** | 0.002 | 0.020 | 0.145 | 0.297 | 0.536 | 1.000 |
| **3** | 0.006 | 0.015 | 0.168 | 0.319 | 0.492 | 1.000 |
| **4** | 0.013 | 0.000 | 0.161 | 0.295 | 0.530 | 1.000 |

**Distribución Condicional P (Y│ Y=y)**

|  |  |
| --- | --- |
| **Composición** | **Y= Dictado de Palabras** |
| 0 | 1 | 2 | 3 | 4 |
| **0** | 0.200 | 0.083 | 0.057 | 0.065 | 0.067 |
| **1** | 0.000 | 0.000 | 0.008 | 0.002 | 0.008 |
| **2** | 0.100 | 0.417 | 0.297 | 0.312 | 0.338 |
| **3** | 0.500 | 0.500 | 0.541 | 0.528 | 0.489 |
| **4** | 0.200 | 0.000 | 0.098 | 0.092 | 0.099 |
| **Total** | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

 |

|  |
| --- |
| **Y= Dictado de Palabras** |
| 0 | No escribe o garabatea |
| 1 | Escribe una palabra correctamente |
| 2 | Escribe dos palabras correctamente  |
| 3 | Escribe tres palabras correctamente |
| 4 | Escribe todas las palabras correctamente |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Análisis estadístico de la Evaluación de la Calidad de la Educación en las escuelas Primarias en el cantón Guayaquil, sector centro-sur de la urbe.*Distribución Conjunta de Composición y Tildar

|  |  |  |  |
| --- | --- | --- | --- |
| **Codificación** | **X= Composición** | **Y= Dictado de Palabras** | ***Marginal*** ***“* Composición *”*** |
| **0** | **1** | 2 | 3 | **4** | **5** | **6** |
| **0** | No escribe o garabatea | 0.004 | 0.001 | 0.001 | 0.005 | 0.006 | 0.002 | 0.048 | 0.066 |
| **1** | Escribe palabras o frases sin sentido | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.003 | 0.006 |
| **2** | Escribe una o varias actividades que le gustaría hacer | 0.033 | 0.008 | 0.011 | 0.024 | 0.030 | 0.026 | 0.191 | 0.323 |
| **3** | Elabora una composición utilizando descripciones relacionales | 0.046 | 0.011 | 0.018 | 0.062 | 0.048 | 0.026 | 0.298 | 0.509 |
| **4** |  | 0.008 | 0.002 | 0.003 | 0.008 | 0.009 | 0.006 | 0.059 | 0.096 |
| ***Marginal “* Dictado de Palabras *”*** | 0.092 | 0.021 | 0.033 | 0.100 | 0.093 | 0.062 | 0.599 | ***1.000*** |

**Distribución Condicional P (Y│X=x)**

|  |  |  |
| --- | --- | --- |
| **Composición** | **Y= Dictado de Palabras** | **Total** |
| **0** | **1** | **2** | **3** | **4** | **5** | **6** |
| **0** | 0.059 | 0.010 | 0.020 | 0.069 | 0.088 | 0.029 | 0.725 | 1.000 |
| **1** | 0.333 | 0.000 | 0.000 | 0.000 | 0.000 | 0.111 | 0.556 | 1.000 |
| **2** | 0.102 | 0.024 | 0.034 | 0.076 | 0.094 | 0.082 | 0.590 | 1.000 |
| **3** | 0.090 | 0.021 | 0.035 | 0.123 | 0.094 | 0.052 | 0.585 | 1.000 |
| **4** | 0.081 | 0.020 | 0.034 | 0.087 | 0.094 | 0.067 | 0.617 | 1.000 |

**Distribución Condicional P (Y│ Y=y)**

|  |  |
| --- | --- |
| **Composición** | **Y= Dictado de Palabras** |
| **0** | **1** | **2** | **3** | **4** | **5** | **6** |
| **0** | 0.042 | 0.030 | 0.038 | 0.045 | 0.063 | 0.031 | 0.080 |
| **1** | 0.021 | 0.000 | 0.000 | 0.000 | 0.000 | 0.010 | 0.005 |
| **2** | 0.357 | 0.364 | 0.327 | 0.245 | 0.326 | 0.427 | 0.318 |
| **3** | 0.497 | 0.515 | 0.538 | 0.626 | 0.514 | 0.427 | 0.498 |
| **4** | 0.084 | 0.091 | 0.096 | 0.084 | 0.097 | 0.104 | 0.099 |
| **Total** | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

 |

|  |  |
| --- | --- |
| 0 | No tilda correctamente las palabras enunciadas |
| 1 | Tilda correctamente una palabra |
| 2 | Tilda correctamente dos palabras |
| 3 | Tilda correctamente tres palabras |
| 4 | Tilda correctamente cuatro palabras |
| 5 | Tilda correctamente cinco palabras |
| 6 | Tilda correctamente todas las palabras |