GLM PROCEDURE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source** | **DF** | **Type III SS** | **Mean Square** | **F Value** | **Pr > F** |
| **SITE** | 1 | 6.37123240 | 6.37123240 | 1.84 | 0.1842 |
| **ZONE** | 3 | 39.24643370 | 13.08214457 | 3.78 | 0.0198 |
| **SITE\*ZONE** | 3 | 31.78461340 | 10.59487113 | 3.06 | 0.0420 |

|  |  |
| --- | --- |
| **ZONE** | **SQLIM100 LSMEAN** |
| **LZ** | 0.85730000 |
| **MZ** | 2.73880000 |
| **SZ(+TR)** | 2.96640000 |
| **SZ(-TR)** | 3.47570000 |

|  |  |  |
| --- | --- | --- |
| Zone 1 | Zone 2 | P value |
| **LZ** | **MZ** | 0.6235 |
| **LZ** | **SZ(+TR)** | 0.5535 |
| **LZ** | **SZ(-TR)** | 0.4175 |
| **MZ** | **SZ(+TR)** | 0.9983 |
| **MZ** | **SZ(-TR)** | 0.9523 |
| **SZ(+TR)** | **SZ(-TR)** | 0.9827 |

MIXED PROCEDURE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Effect** | **Num DF** | **Den DF** | **F Value** | **Pr > F** |
| **ZONE** | 3 | 3 | 1.37 | 0.4007 |

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| --- | --- |
| **ZONE** | **SQLIM100 LSMEAN** |
| **LZ** | 0.8573 |
| **MZ** | 2.7388 |
| **SZ(+TR)** | 2.9664 |
| **SZ(-TR)** | 3.4757 |

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| --- | --- | --- |
| Zone 1 | Zone 2 | P value |
| **LZ** | **MZ** | 0.5917 |
| **LZ** | **SZ(+TR)** | 0.5204 |
| **LZ** | **SZ(-TR)** | 0.3855 |
| **MZ** | **SZ(+TR)** | 0.9981 |
| **MZ** | **SZ(-TR)** | 0.9452 |
| **SZ(+TR)** | **SZ(-TR)** | 0.9800 |

VARIANCE COMPONENT

|  |  |  |
| --- | --- | --- |
| **Variance Component** | **Estimate** | Relative |
| **Var(SITE)** | 0 | 0 |
| **Var(SITE\*ZONE)** | 1.21609 | 0.2601148 |
| **Var(Error)** | 3.45851 | 0.7398515 |

GLM PROCEDURE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source** | **DF** | **Type III SS** | **Mean Square** | **F Value** | **Pr > F** |
| **SITE** | 1 | 2.94087003 | 2.94087003 | 0.78 | 0.3863 |
| **ZONE** | 3 | 16.36372579 | 5.45457526 | 1.44 | 0.2543 |
| **SITE\*ZONE** | 3 | 18.45261828 | 6.15087276 | 1.63 | 0.2085 |

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| --- | --- |
| **ZONE** | **SQLIM100 LSMEAN** |
| **LZ** | 1.42512500 |
| **MZ** | 3.01366667 |
| **SZ(+TR)** | 3.31612500 |
| **SZ(-TR)** | 3.47570000 |

|  |  |  |
| --- | --- | --- |
| Zone 1 | Zone 2 | P value |
| **LZ** | **MZ** | 0.6997 |
| **LZ** | **SZ(+TR)** | 0.5784 |
| **LZ** | **SZ(-TR)** | 0.5142 |
| **MZ** | **SZ(+TR)** | 0.9937 |
| **MZ** | **SZ(-TR)** | 0.9773 |
| **SZ(+TR)** | **SZ(-TR)** | 0.9988 |

MIXED PROCEDURE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Effect** | **Num DF** | **Den DF** | **F Value** | **Pr > F** |
| **ZONE** | 3 | 3 | 1.25 | 0.4294 |

|  |  |
| --- | --- |
| **ZONE** | **SQLIM100 LSMEAN** |
| **LZ** | 1.4281 |
| **MZ** | 3.3213 |
| **SZ(+TR)** | 3.3017 |
| **SZ(-TR)** | 3.4757 |

|  |  |  |
| --- | --- | --- |
| Zone 1 | Zone 2 | P value |
| **LZ** | **MZ** | 0.5058 |
| **LZ** | **SZ(+TR)** | 0.4994 |
| **LZ** | **SZ(-TR)** | 0.4335 |
| **MZ** | **SZ(+TR)** | 1.0000 |
| **MZ** | **SZ(-TR)** | 0.9988 |
| **SZ(+TR)** | **SZ(-TR)** | 0.9981 |

VARIANCE COMPONENT

|  |  |  |
| --- | --- | --- |
| **Variance Component** | **Estimate** | Relative |
| **Var(SITE)** | 0 | 0 |
| **Var(SITE\*ZONE)** | 0.33648 | 0.0813622 |
| **Var(Error)** | 3.79911 | 0.9186401 |