|  |
| --- |
| The SAS System |

The GLIMMIX Procedure

| **Model Information** | |
| --- | --- |
| **Data Set** | WORK.FOURPEAKS |
| **Response Variable** | diff |
| **Response Distribution** | Shifted T(3) |
| **Link Function** | Identity |
| **Variance Function** | Default |
| **Variance Matrix** | Diagonal |
| **Estimation Technique** | Maximum Likelihood |
| **Degrees of Freedom Method** | Residual |

| **Class Level Information** | | |
| --- | --- | --- |
| **Class** | **Levels** | **Values** |
| **hatch\_interval** | 2 | asynch synch |
| **mort\_time** | 3 | control early late |
| **mort\_percent** | 6 | 0 10 25 50 75 90 |

|  |  |
| --- | --- |
| **Number of Observations Read** | 550 |
| **Number of Observations Used** | 550 |

| **Dimensions** | |
| --- | --- |
| **Covariance Parameters** | 2 |
| **Columns in X** | 63 |
| **Columns in Z** | 0 |
| **Subjects (Blocks in V)** | 1 |
| **Max Obs per Subject** | 550 |

| **Optimization Information** | |
| --- | --- |
| **Optimization Technique** | Newton-Raphson |
| **Parameters in Optimization** | 23 |
| **Lower Boundaries** | 1 |
| **Upper Boundaries** | 0 |
| **Fixed Effects** | Not Profiled |

| **Iteration History** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Iteration** | **Restarts** | **Evaluations** | **Objective Function** | **Change** | **Max Gradient** |
| **0** | **0** | 4 | 2898.866517 | . | 0.344269 |
| **1** | **0** | 3 | 2886.5137994 | 12.35271754 | 0.085793 |
| **2** | **0** | 3 | 2885.1469903 | 1.36680914 | 0.005172 |
| **3** | **0** | 3 | 2885.1083789 | 0.03861137 | 0.000108 |
| **4** | **0** | 3 | 2885.1083293 | 0.00004958 | 1.494E-7 |

|  |
| --- |
| Convergence criterion (ABSGCONV=0.00001) satisfied. |

| **Fit Statistics** | |
| --- | --- |
| **-2 Log Likelihood** | 5770.22 |
| **AIC (smaller is better)** | 5816.22 |
| **AICC (smaller is better)** | 5818.32 |
| **BIC (smaller is better)** | 5915.34 |
| **CAIC (smaller is better)** | 5938.34 |
| **HQIC (smaller is better)** | 5854.95 |
| **Pearson Chi-Square** | 423595.5 |
| **Pearson Chi-Square / DF** | 770.17 |

| **Type III Tests of Fixed Effects** | | | | |
| --- | --- | --- | --- | --- |
| **Effect** | **Num DF** | **Den DF** | **F Value** | **Pr > F** |
| **hatch\_interval** | 1 | 528 | 266.27 | <.0001 |
| **mort\_time** | 1 | 528 | 41.04 | <.0001 |
| **mort\_percent** | 4 | 528 | 30699.8 | <.0001 |
| **hatch\_inte\*mort\_time** | 1 | 528 | 98.16 | <.0001 |
| **hatch\_int\*mort\_perce** | 4 | 528 | 65.13 | <.0001 |
| **mort\_time\*mort\_perce** | 4 | 528 | 8859.52 | <.0001 |
| **hatch\_\*mort\_t\*mort\_p** | 4 | 528 | 192.71 | <.0001 |

|  |
| --- |
| The SAS System |

The GLIMMIX Procedure

| **Model Information** | |
| --- | --- |
| **Data Set** | WORK.FOURPEAKS |
| **Response Variable** | diff |
| **Response Distribution** | Shifted T(3) |
| **Link Function** | Identity |
| **Variance Function** | Default |
| **Variance Matrix** | Diagonal |
| **Estimation Technique** | Maximum Likelihood |
| **Degrees of Freedom Method** | Residual |

| **Class Level Information** | | |
| --- | --- | --- |
| **Class** | **Levels** | **Values** |
| **treatment** | 22 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 |

|  |  |
| --- | --- |
| **Number of Observations Read** | 550 |
| **Number of Observations Used** | 550 |

| **Dimensions** | |
| --- | --- |
| **Covariance Parameters** | 2 |
| **Columns in X** | 23 |
| **Columns in Z** | 0 |
| **Subjects (Blocks in V)** | 1 |
| **Max Obs per Subject** | 550 |

| **Optimization Information** | |
| --- | --- |
| **Optimization Technique** | Newton-Raphson |
| **Parameters in Optimization** | 23 |
| **Lower Boundaries** | 1 |
| **Upper Boundaries** | 0 |
| **Fixed Effects** | Not Profiled |

| **Iteration History** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Iteration** | **Restarts** | **Evaluations** | **Objective Function** | **Change** | **Max Gradient** |
| **0** | **0** | 4 | 2898.866517 | . | 0.241277 |
| **1** | **0** | 3 | 2886.5137994 | 12.35271754 | 0.085793 |
| **2** | **0** | 3 | 2885.1469903 | 1.36680914 | 0.005172 |
| **3** | **0** | 3 | 2885.1083789 | 0.03861137 | 0.000108 |
| **4** | **0** | 3 | 2885.1083293 | 0.00004958 | 1.494E-7 |

|  |
| --- |
| Convergence criterion (ABSGCONV=0.00001) satisfied. |

| **Fit Statistics** | |
| --- | --- |
| **-2 Log Likelihood** | 5770.22 |
| **AIC (smaller is better)** | 5816.22 |
| **AICC (smaller is better)** | 5818.32 |
| **BIC (smaller is better)** | 5915.34 |
| **CAIC (smaller is better)** | 5938.34 |
| **HQIC (smaller is better)** | 5854.95 |
| **Pearson Chi-Square** | 423595.5 |
| **Pearson Chi-Square / DF** | 770.17 |

| **Type III Tests of Fixed Effects** | | | | |
| --- | --- | --- | --- | --- |
| **Effect** | **Num DF** | **Den DF** | **F Value** | **Pr > F** |
| **treatment** | 21 | 528 | 8592.24 | <.0001 |

| **Estimates** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Label** | **Estimate** | **Standard Error** | **DF** | **t Value** | **Pr > |t|** |
| **asynch 10% early** | 78.3917 | 8.6735 | 528 | 9.04 | <.0001 |
| **asynch 25% early** | 194.61 | 8.2179 | 528 | 23.68 | <.0001 |
| **asynch 50% early** | 394.02 | 8.6914 | 528 | 45.33 | <.0001 |
| **asynch 75% early** | -1508.94 | 12.5612 | 528 | -120.13 | <.0001 |
| **asynch 90% early** | -1671.12 | 8.0646 | 528 | -207.22 | <.0001 |
| **asynch 10% late** | -70.9521 | 8.4758 | 528 | -8.37 | <.0001 |
| **asynch 25% late** | -188.01 | 8.7773 | 528 | -21.42 | <.0001 |
| **asynch 50% late** | -452.55 | 8.5414 | 528 | -52.98 | <.0001 |
| **asynch 75% late** | -723.90 | 8.5246 | 528 | -84.92 | <.0001 |
| **asynch 90% late** | -811.82 | 8.9763 | 528 | -90.44 | <.0001 |
| **synch 10% early** | 133.89 | 11.9488 | 528 | 11.21 | <.0001 |
| **synch 25% early** | 392.39 | 11.7762 | 528 | 33.32 | <.0001 |
| **synch 50% early** | 332.87 | 11.2433 | 528 | 29.61 | <.0001 |
| **synch 75% early** | -1247.22 | 11.2844 | 528 | -110.53 | <.0001 |
| **synch 90% early** | -1393.52 | 10.2915 | 528 | -135.40 | <.0001 |
| **synch 10% late** | -31.1542 | 10.8968 | 528 | -2.86 | 0.0044 |
| **synch 25% late** | -131.80 | 11.9677 | 528 | -11.01 | <.0001 |
| **synch 50% late** | -272.98 | 10.8758 | 528 | -25.10 | <.0001 |
| **synch 75% late** | -606.67 | 9.8018 | 528 | -61.89 | <.0001 |
| **synch 90% late** | -796.01 | 10.4092 | 528 | -76.47 | <.0001 |

|  |
| --- |
| The SAS System |

The GLIMMIX Procedure

| **Model Information** | |
| --- | --- |
| **Data Set** | WORK.SHORTPEAK |
| **Response Variable** | diff |
| **Response Distribution** | Shifted T(3) |
| **Link Function** | Identity |
| **Variance Function** | Default |
| **Variance Matrix** | Diagonal |
| **Estimation Technique** | Maximum Likelihood |
| **Degrees of Freedom Method** | Residual |

| **Class Level Information** | | |
| --- | --- | --- |
| **Class** | **Levels** | **Values** |
| **hatch\_interval** | 2 | asynch synch |
| **mort\_time** | 3 | control early late |
| **mort\_percent** | 6 | 0 10 25 50 75 90 |

|  |  |
| --- | --- |
| **Number of Observations Read** | 550 |
| **Number of Observations Used** | 550 |

| **Dimensions** | |
| --- | --- |
| **Covariance Parameters** | 2 |
| **Columns in X** | 63 |
| **Columns in Z** | 0 |
| **Subjects (Blocks in V)** | 1 |
| **Max Obs per Subject** | 550 |

| **Optimization Information** | |
| --- | --- |
| **Optimization Technique** | Newton-Raphson |
| **Parameters in Optimization** | 23 |
| **Lower Boundaries** | 1 |
| **Upper Boundaries** | 0 |
| **Fixed Effects** | Not Profiled |

| **Iteration History** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Iteration** | **Restarts** | **Evaluations** | **Objective Function** | **Change** | **Max Gradient** |
| **0** | **0** | 4 | 2526.353654 | . | 1.121221 |
| **1** | **0** | 3 | 2503.232721 | 23.12093298 | 0.184689 |
| **2** | **0** | 3 | 2498.2693423 | 4.96337869 | 0.044616 |
| **3** | **0** | 3 | 2497.8037775 | 0.46556483 | 0.004684 |
| **4** | **0** | 3 | 2497.7977289 | 0.00604864 | 0.000067 |
| **5** | **0** | 3 | 2497.7977276 | 0.00000126 | 1.421E-8 |

|  |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| **Fit Statistics** | |
| --- | --- |
| **-2 Log Likelihood** | 4995.60 |
| **AIC (smaller is better)** | 5041.60 |
| **AICC (smaller is better)** | 5043.69 |
| **BIC (smaller is better)** | 5140.72 |
| **CAIC (smaller is better)** | 5163.72 |
| **HQIC (smaller is better)** | 5080.33 |
| **Pearson Chi-Square** | 92481.49 |
| **Pearson Chi-Square / DF** | 168.15 |

| **Type III Tests of Fixed Effects** | | | | |
| --- | --- | --- | --- | --- |
| **Effect** | **Num DF** | **Den DF** | **F Value** | **Pr > F** |
| **hatch\_interval** | 1 | 528 | 765.81 | <.0001 |
| **mort\_time** | 1 | 528 | 19.00 | <.0001 |
| **mort\_percent** | 4 | 528 | 8628.17 | <.0001 |
| **hatch\_inte\*mort\_time** | 1 | 528 | 60.96 | <.0001 |
| **hatch\_int\*mort\_perce** | 4 | 528 | 65.35 | <.0001 |
| **mort\_time\*mort\_perce** | 4 | 528 | 2320.52 | <.0001 |
| **hatch\_\*mort\_t\*mort\_p** | 4 | 528 | 58.49 | <.0001 |

|  |
| --- |
| The SAS System |

The GLIMMIX Procedure

| **Model Information** | |
| --- | --- |
| **Data Set** | WORK.SHORTPEAK |
| **Response Variable** | diff |
| **Response Distribution** | Shifted T(3) |
| **Link Function** | Identity |
| **Variance Function** | Default |
| **Variance Matrix** | Diagonal |
| **Estimation Technique** | Maximum Likelihood |
| **Degrees of Freedom Method** | Residual |

| **Class Level Information** | | |
| --- | --- | --- |
| **Class** | **Levels** | **Values** |
| **treatment** | 22 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 |

|  |  |
| --- | --- |
| **Number of Observations Read** | 550 |
| **Number of Observations Used** | 550 |

| **Dimensions** | |
| --- | --- |
| **Covariance Parameters** | 2 |
| **Columns in X** | 23 |
| **Columns in Z** | 0 |
| **Subjects (Blocks in V)** | 1 |
| **Max Obs per Subject** | 550 |

| **Optimization Information** | |
| --- | --- |
| **Optimization Technique** | Newton-Raphson |
| **Parameters in Optimization** | 23 |
| **Lower Boundaries** | 1 |
| **Upper Boundaries** | 0 |
| **Fixed Effects** | Not Profiled |

| **Iteration History** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Iteration** | **Restarts** | **Evaluations** | **Objective Function** | **Change** | **Max Gradient** |
| **0** | **0** | 4 | 2526.353654 | . | 1.121221 |
| **1** | **0** | 3 | 2503.232721 | 23.12093298 | 0.184689 |
| **2** | **0** | 3 | 2498.2693423 | 4.96337869 | 0.044616 |
| **3** | **0** | 3 | 2497.8037775 | 0.46556483 | 0.004684 |
| **4** | **0** | 3 | 2497.7977289 | 0.00604864 | 0.000067 |
| **5** | **0** | 3 | 2497.7977276 | 0.00000126 | 1.421E-8 |

|  |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| **Fit Statistics** | |
| --- | --- |
| **-2 Log Likelihood** | 4995.60 |
| **AIC (smaller is better)** | 5041.60 |
| **AICC (smaller is better)** | 5043.69 |
| **BIC (smaller is better)** | 5140.72 |
| **CAIC (smaller is better)** | 5163.72 |
| **HQIC (smaller is better)** | 5080.33 |
| **Pearson Chi-Square** | 92481.49 |
| **Pearson Chi-Square / DF** | 168.15 |

| **Type III Tests of Fixed Effects** | | | | |
| --- | --- | --- | --- | --- |
| **Effect** | **Num DF** | **Den DF** | **F Value** | **Pr > F** |
| **treatment** | 21 | 528 | 2424.51 | <.0001 |

| **Estimates** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Label** | **Estimate** | **Standard Error** | **DF** | **t Value** | **Pr > |t|** |
| **asynch 10% early** | 4.3099 | 4.4277 | 528 | 0.97 | 0.3308 |
| **asynch 25% early** | 35.9233 | 4.3159 | 528 | 8.32 | <.0001 |
| **asynch 50% early** | 96.6026 | 4.3351 | 528 | 22.28 | <.0001 |
| **asynch 75% early** | -369.59 | 4.4867 | 528 | -82.37 | <.0001 |
| **asynch 90% early** | -418.83 | 4.1871 | 528 | -100.03 | <.0001 |
| **asynch 10% late** | -22.9465 | 4.4838 | 528 | -5.12 | <.0001 |
| **asynch 25% late** | -56.4061 | 4.7370 | 528 | -11.91 | <.0001 |
| **asynch 50% late** | -114.72 | 4.2341 | 528 | -27.09 | <.0001 |
| **asynch 75% late** | -187.02 | 4.3954 | 528 | -42.55 | <.0001 |
| **asynch 90% late** | -244.86 | 4.8795 | 528 | -50.18 | <.0001 |
| **synch 10% early** | 40.6545 | 4.8055 | 528 | 8.46 | <.0001 |
| **synch 25% early** | 144.36 | 5.1423 | 528 | 28.07 | <.0001 |
| **synch 50% early** | 123.00 | 4.4773 | 528 | 27.47 | <.0001 |
| **synch 75% early** | -251.01 | 4.4934 | 528 | -55.86 | <.0001 |
| **synch 90% early** | -302.35 | 4.8444 | 528 | -62.41 | <.0001 |
| **synch 10% late** | -0.3417 | 5.1780 | 528 | -0.07 | 0.9474 |
| **synch 25% late** | -6.9522 | 5.1129 | 528 | -1.36 | 0.1745 |
| **synch 50% late** | -30.5584 | 4.8369 | 528 | -6.32 | <.0001 |
| **synch 75% late** | -123.56 | 4.4551 | 528 | -27.73 | <.0001 |
| **synch 90% late** | -174.35 | 4.5425 | 528 | -38.38 | <.0001 |

|  |
| --- |
| The SAS System |

The GLIMMIX Procedure

| **Model Information** | |
| --- | --- |
| **Data Set** | WORK.TALLPEAK |
| **Response Variable** | diff |
| **Response Distribution** | Shifted T(3) |
| **Link Function** | Identity |
| **Variance Function** | Default |
| **Variance Matrix** | Diagonal |
| **Estimation Technique** | Maximum Likelihood |
| **Degrees of Freedom Method** | Residual |

| **Class Level Information** | | |
| --- | --- | --- |
| **Class** | **Levels** | **Values** |
| **hatch\_interval** | 2 | asynch synch |
| **mort\_time** | 3 | control early late |
| **mort\_percent** | 6 | 0 10 25 50 75 90 |

|  |  |
| --- | --- |
| **Number of Observations Read** | 550 |
| **Number of Observations Used** | 550 |

| **Dimensions** | |
| --- | --- |
| **Covariance Parameters** | 2 |
| **Columns in X** | 63 |
| **Columns in Z** | 0 |
| **Subjects (Blocks in V)** | 1 |
| **Max Obs per Subject** | 550 |

| **Optimization Information** | |
| --- | --- |
| **Optimization Technique** | Newton-Raphson |
| **Parameters in Optimization** | 23 |
| **Lower Boundaries** | 1 |
| **Upper Boundaries** | 0 |
| **Fixed Effects** | Not Profiled |

| **Iteration History** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Iteration** | **Restarts** | **Evaluations** | **Objective Function** | **Change** | **Max Gradient** |
| **0** | **0** | 4 | 2625.9757057 | . | 0.718601 |
| **1** | **0** | 3 | 2606.634574 | 19.34113171 | 0.106707 |
| **2** | **0** | 3 | 2602.8668854 | 3.76768858 | 0.023895 |
| **3** | **0** | 3 | 2602.5764754 | 0.29041002 | 0.002074 |
| **4** | **0** | 3 | 2602.5739775 | 0.00249790 | 0.000019 |
| **5** | **0** | 3 | 2602.5739773 | 0.00000022 | 1.731E-9 |

|  |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| **Fit Statistics** | |
| --- | --- |
| **-2 Log Likelihood** | 5205.15 |
| **AIC (smaller is better)** | 5251.15 |
| **AICC (smaller is better)** | 5253.25 |
| **BIC (smaller is better)** | 5350.28 |
| **CAIC (smaller is better)** | 5373.28 |
| **HQIC (smaller is better)** | 5289.89 |
| **Pearson Chi-Square** | 138943.1 |
| **Pearson Chi-Square / DF** | 252.62 |

| **Type III Tests of Fixed Effects** | | | | |
| --- | --- | --- | --- | --- |
| **Effect** | **Num DF** | **Den DF** | **F Value** | **Pr > F** |
| **hatch\_interval** | 1 | 528 | 14.09 | 0.0002 |
| **mort\_time** | 1 | 528 | 0.76 | 0.3833 |
| **mort\_percent** | 4 | 528 | 5876.14 | <.0001 |
| **hatch\_inte\*mort\_time** | 1 | 528 | 3.51 | 0.0615 |
| **hatch\_int\*mort\_perce** | 4 | 528 | 32.91 | <.0001 |
| **mort\_time\*mort\_perce** | 4 | 528 | 1242.50 | <.0001 |
| **hatch\_\*mort\_t\*mort\_p** | 4 | 528 | 61.65 | <.0001 |

|  |
| --- |
| The SAS System |

The GLIMMIX Procedure

| **Model Information** | |
| --- | --- |
| **Data Set** | WORK.TALLPEAK |
| **Response Variable** | diff |
| **Response Distribution** | Shifted T(3) |
| **Link Function** | Identity |
| **Variance Function** | Default |
| **Variance Matrix** | Diagonal |
| **Estimation Technique** | Maximum Likelihood |
| **Degrees of Freedom Method** | Residual |

| **Class Level Information** | | |
| --- | --- | --- |
| **Class** | **Levels** | **Values** |
| **treatment** | 22 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 |

|  |  |
| --- | --- |
| **Number of Observations Read** | 550 |
| **Number of Observations Used** | 550 |

| **Dimensions** | |
| --- | --- |
| **Covariance Parameters** | 2 |
| **Columns in X** | 23 |
| **Columns in Z** | 0 |
| **Subjects (Blocks in V)** | 1 |
| **Max Obs per Subject** | 550 |

| **Optimization Information** | |
| --- | --- |
| **Optimization Technique** | Newton-Raphson |
| **Parameters in Optimization** | 23 |
| **Lower Boundaries** | 1 |
| **Upper Boundaries** | 0 |
| **Fixed Effects** | Not Profiled |

| **Iteration History** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Iteration** | **Restarts** | **Evaluations** | **Objective Function** | **Change** | **Max Gradient** |
| **0** | **0** | 4 | 2625.9757057 | . | 0.32783 |
| **1** | **0** | 3 | 2606.634574 | 19.34113171 | 0.106707 |
| **2** | **0** | 3 | 2602.8668854 | 3.76768858 | 0.023895 |
| **3** | **0** | 3 | 2602.5764754 | 0.29041002 | 0.002074 |
| **4** | **0** | 3 | 2602.5739775 | 0.00249790 | 0.000019 |
| **5** | **0** | 3 | 2602.5739773 | 0.00000022 | 1.731E-9 |

|  |
| --- |
| Convergence criterion (GCONV=1E-8) satisfied. |

| **Fit Statistics** | |
| --- | --- |
| **-2 Log Likelihood** | 5205.15 |
| **AIC (smaller is better)** | 5251.15 |
| **AICC (smaller is better)** | 5253.25 |
| **BIC (smaller is better)** | 5350.28 |
| **CAIC (smaller is better)** | 5373.28 |
| **HQIC (smaller is better)** | 5289.89 |
| **Pearson Chi-Square** | 138943.1 |
| **Pearson Chi-Square / DF** | 252.62 |

| **Type III Tests of Fixed Effects** | | | | |
| --- | --- | --- | --- | --- |
| **Effect** | **Num DF** | **Den DF** | **F Value** | **Pr > F** |
| **treatment** | 21 | 528 | 1637.52 | <.0001 |

| **Estimates** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Label** | **Estimate** | **Standard Error** | **DF** | **t Value** | **Pr > |t|** |
| **asynch 10% early** | 13.6310 | 5.0761 | 528 | 2.69 | 0.0075 |
| **asynch 25% early** | 43.8579 | 4.8863 | 528 | 8.98 | <.0001 |
| **asynch 50% early** | 83.7310 | 5.1437 | 528 | 16.28 | <.0001 |
| **asynch 75% early** | -324.07 | 5.3028 | 528 | -61.11 | <.0001 |
| **asynch 90% early** | -416.06 | 4.8314 | 528 | -86.12 | <.0001 |
| **asynch 10% late** | -18.4529 | 5.2143 | 528 | -3.54 | 0.0004 |
| **asynch 25% late** | -48.8704 | 4.9702 | 528 | -9.83 | <.0001 |
| **asynch 50% late** | -120.10 | 4.9310 | 528 | -24.36 | <.0001 |
| **asynch 75% late** | -203.29 | 5.3622 | 528 | -37.91 | <.0001 |
| **asynch 90% late** | -217.55 | 5.5565 | 528 | -39.15 | <.0001 |
| **synch 10% early** | 55.3066 | 5.8192 | 528 | 9.50 | <.0001 |
| **synch 25% early** | 71.3184 | 7.3165 | 528 | 9.75 | <.0001 |
| **synch 50% early** | -6.9950 | 6.9214 | 528 | -1.01 | 0.3127 |
| **synch 75% early** | -328.82 | 6.7475 | 528 | -48.73 | <.0001 |
| **synch 90% early** | -382.75 | 5.8580 | 528 | -65.34 | <.0001 |
| **synch 10% late** | -15.3563 | 6.4677 | 528 | -2.37 | 0.0179 |
| **synch 25% late** | -33.5709 | 6.5758 | 528 | -5.11 | <.0001 |
| **synch 50% late** | -99.6448 | 6.0236 | 528 | -16.54 | <.0001 |
| **synch 75% late** | -189.33 | 7.1114 | 528 | -26.62 | <.0001 |
| **synch 90% late** | -228.40 | 5.9473 | 528 | -38.40 | <.0001 |