**PAF**

1. **Modelo Mixto: No hay medidas repetidas**

**1.1 AIC**

|  |  |
| --- | --- |
| **Criterios de informacióna** | |
| Logaritmo de la verosimilitud -2 | 280,293 |
| Criterio de información Akaike (AIC) | 302,293 |
| Criterio de Hurvich y Tsai (AICC) | 313,771 |
| Criterio de Bozdogan (CAIC) | 330,402 |
| Criterio bayesiano de Schwarz (BIC) | 319,402 |
| Los criterios de información se visualizan en el formato cuanto más pequeño mejor. | |
| a. Variable dependiente: Productividad. | |

**1.2 Efectos fijos**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pruebas de efectos fijos de tipo IIIa** | | | | |
| Origen | gl de numerador | gl de denominador | F | Sig. |
| Intersección | 1 | 10,198 | 16,810 | ,002 |
| DevAppr | 2 | 21,939 | 4,903 | ,017 |
| Tarea | 2 | 21,939 | ,988 | ,388 |
| Tarea \* DevAppr | 4 | 23,164 | 3,161 | ,033 |
| a. Variable dependiente: Productividad. | | | | |

**1.3 Comparación por Parejas:**

**1.3.1 Enfoque de desarrollo \* Tarea compara Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Task | (I) Development Approach | (J) Development Approach | Diferencia de medias (I-J) | Desv. Error | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR | ITL | TDD | 6,683 | 10,285 | 33,065 | 1,000 | -19,256 | 32,622 |
| YW | -10,579 | 11,785 | 32,279 | 1,000 | -40,339 | 19,181 |
| TDD | ITL | -6,683 | 10,285 | 33,065 | 1,000 | -32,622 | 19,256 |
| YW | -17,262 | 10,285 | 33,065 | ,308 | -43,201 | 8,677 |
| YW | ITL | 10,579 | 11,785 | 32,279 | 1,000 | -19,181 | 40,339 |
| TDD | 17,262 | 10,285 | 33,065 | ,308 | -8,677 | 43,201 |
| BSK | ITL | TDD | 28,946\* | 10,766 | 33,452 | ,033 | 1,811 | 56,082 |
| YW | 34,954\* | 9,608 | 31,868 | ,003 | 10,674 | 59,234 |
| TDD | ITL | -28,946\* | 10,766 | 33,452 | ,033 | -56,082 | -1,811 |
| YW | 6,008 | 10,678 | 30,672 | 1,000 | -21,035 | 33,051 |
| YW | ITL | -34,954\* | 9,608 | 31,868 | ,003 | -59,234 | -10,674 |
| TDD | -6,008 | 10,678 | 30,672 | 1,000 | -33,051 | 21,035 |
| SS | ITL | TDD | 4,599 | 10,678 | 30,672 | 1,000 | -22,444 | 31,642 |
| YW | -5,189 | 9,608 | 31,868 | 1,000 | -29,469 | 19,091 |
| TDD | ITL | -4,599 | 10,678 | 30,672 | 1,000 | -31,642 | 22,444 |
| YW | -9,788 | 10,766 | 33,452 | 1,000 | -36,924 | 17,347 |
| YW | ITL | 5,189 | 9,608 | 31,868 | 1,000 | -19,091 | 29,469 |
| TDD | 9,788 | 10,766 | 33,452 | 1,000 | -17,347 | 36,924 |
| Se basa en medias marginales estimadas | | | | | | | | |
| \*. La diferencia de medias es significativa en el nivel ,05. | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| c. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

**1.3.2 Enfoque de desarrollo \* Tarea compara Tarea**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Development Approach | (I) Task | (J) Task | Diferencia de medias (I-J) | Desv. Error | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | MR | BSK | -17,758 | 10,766 | 33,452 | ,325 | -44,894 | 9,377 |
| SS | 4,485 | 10,678 | 30,672 | 1,000 | -22,558 | 31,528 |
| BSK | MR | 17,758 | 10,766 | 33,452 | ,325 | -9,377 | 44,894 |
| SS | 22,244 | 9,608 | 31,868 | ,082 | -2,036 | 46,524 |
| SS | MR | -4,485 | 10,678 | 30,672 | 1,000 | -31,528 | 22,558 |
| BSK | -22,244 | 9,608 | 31,868 | ,082 | -46,524 | 2,036 |
| TDD | MR | BSK | 4,505 | 10,285 | 33,065 | 1,000 | -21,434 | 30,443 |
| SS | 2,401 | 10,285 | 33,065 | 1,000 | -23,538 | 28,340 |
| BSK | MR | -4,505 | 10,285 | 33,065 | 1,000 | -30,443 | 21,434 |
| SS | -2,104 | 11,785 | 32,279 | 1,000 | -31,864 | 27,656 |
| SS | MR | -2,401 | 10,285 | 33,065 | 1,000 | -28,340 | 23,538 |
| BSK | 2,104 | 11,785 | 32,279 | 1,000 | -27,656 | 31,864 |
| YW | MR | BSK | 27,775\* | 10,678 | 30,672 | ,043 | ,732 | 54,818 |
| SS | 9,875 | 10,766 | 33,452 | 1,000 | -17,261 | 37,010 |
| BSK | MR | -27,775\* | 10,678 | 30,672 | ,043 | -54,818 | -,732 |
| SS | -17,900 | 9,608 | 31,868 | ,215 | -42,180 | 6,380 |
| SS | MR | -9,875 | 10,766 | 33,452 | 1,000 | -37,010 | 17,261 |
| BSK | 17,900 | 9,608 | 31,868 | ,215 | -6,380 | 42,180 |
| Se basa en medias marginales estimadas | | | | | | | | |
| \*. La diferencia de medias es significativa en el nivel ,05. | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| c. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

**1.4 Pruebas de Normalidad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Residuos | ,069 | 35 | ,200\* | ,982 | 35 | ,818 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | |

1. **Modelo Mixto: Hay medidas repetidas (Identidad Escalada)**

**2.1 AIC**

|  |  |
| --- | --- |
| **Criterios de informacióna** | |
| Logaritmo de la verosimilitud -2 | 291,056 |
| Criterio de información Akaike (AIC) | 311,056 |
| Criterio de Hurvich y Tsai (AICC) | 320,222 |
| Criterio de Bozdogan (CAIC) | 336,609 |
| Criterio bayesiano de Schwarz (BIC) | 326,609 |
| Los criterios de información se visualizan en el formato cuanto más pequeño mejor. | |
| a. Variable dependiente: Productividad. | |

**2.2 Efectos fijos**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pruebas de efectos fijos de tipo IIIa** | | | | |
| Origen | gl de numerador | gl de denominador | F | Sig. |
| Intersección | 1 | 35 | 39,713 | ,000 |
| DevAppr | 2 | 35 | 1,728 | ,192 |
| Tarea | 2 | 35 | ,512 | ,604 |
| Tarea \* DevAppr | 4 | 35 | 3,954 | ,009 |
| a. Variable dependiente: Productividad. | | | | |

**2.3 Comparación por parejas**

**2.3.1 Enfoque de desarrollo \* Tarea compara Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Task | (I) Development Approach | (J) Development Approach | Diferencia de medias (I-J) | Desv. Error | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR | ITL | TDD | 3,146 | 11,299 | 35 | 1,000 | -25,265 | 31,557 |
| YW | -21,723 | 12,632 | 35 | ,283 | -53,488 | 10,042 |
| TDD | ITL | -3,146 | 11,299 | 35 | 1,000 | -31,557 | 25,265 |
| YW | -24,869 | 11,299 | 35 | ,103 | -53,280 | 3,542 |
| YW | ITL | 21,723 | 12,632 | 35 | ,283 | -10,042 | 53,488 |
| TDD | 24,869 | 11,299 | 35 | ,103 | -3,542 | 53,280 |
| BSK | ITL | TDD | 35,684\* | 11,817 | 35 | ,014 | 5,971 | 65,397 |
| YW | 37,051\* | 10,379 | 35 | ,003 | 10,954 | 63,149 |
| TDD | ITL | -35,684\* | 11,817 | 35 | ,014 | -65,397 | -5,971 |
| YW | 1,368 | 11,299 | 35 | 1,000 | -27,044 | 29,779 |
| YW | ITL | -37,051\* | 10,379 | 35 | ,003 | -63,149 | -10,954 |
| TDD | -1,368 | 11,299 | 35 | 1,000 | -29,779 | 27,044 |
| SS | ITL | TDD | -1,905 | 11,299 | 35 | 1,000 | -30,316 | 26,507 |
| YW | 1,071 | 10,379 | 35 | 1,000 | -25,026 | 27,169 |
| TDD | ITL | 1,905 | 11,299 | 35 | 1,000 | -26,507 | 30,316 |
| YW | 2,976 | 11,817 | 35 | 1,000 | -26,737 | 32,689 |
| YW | ITL | -1,071 | 10,379 | 35 | 1,000 | -27,169 | 25,026 |
| TDD | -2,976 | 11,817 | 35 | 1,000 | -32,689 | 26,737 |
| Se basa en medias marginales estimadas | | | | | | | | |
| \*. La diferencia de medias es significativa en el nivel ,05. | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| c. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

**2.3.2 Enfoque de desarrollo \* Tarea compara Tarea**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Development Approach | (I) Task | (J) Task | Diferencia de medias (I-J) | Desv. Error | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | MR | BSK | -24,496 | 11,817 | 35 | ,137 | -54,209 | 5,217 |
| SS | -,155 | 11,299 | 35 | 1,000 | -28,566 | 28,256 |
| BSK | MR | 24,496 | 11,817 | 35 | ,137 | -5,217 | 54,209 |
| SS | 24,341 | 10,379 | 35 | ,074 | -1,757 | 50,438 |
| SS | MR | ,155 | 11,299 | 35 | 1,000 | -28,256 | 28,566 |
| BSK | -24,341 | 10,379 | 35 | ,074 | -50,438 | 1,757 |
| TDD | MR | BSK | 8,042 | 11,299 | 35 | 1,000 | -20,369 | 36,453 |
| SS | -5,206 | 11,299 | 35 | 1,000 | -33,617 | 23,205 |
| BSK | MR | -8,042 | 11,299 | 35 | 1,000 | -36,453 | 20,369 |
| SS | -13,248 | 12,632 | 35 | ,904 | -45,013 | 18,517 |
| SS | MR | 5,206 | 11,299 | 35 | 1,000 | -23,205 | 33,617 |
| BSK | 13,248 | 12,632 | 35 | ,904 | -18,517 | 45,013 |
| YW | MR | BSK | 34,278\* | 11,299 | 35 | ,014 | 5,867 | 62,690 |
| SS | 22,639 | 11,817 | 35 | ,191 | -7,074 | 52,352 |
| BSK | MR | -34,278\* | 11,299 | 35 | ,014 | -62,690 | -5,867 |
| SS | -11,639 | 10,379 | 35 | ,809 | -37,737 | 14,458 |
| SS | MR | -22,639 | 11,817 | 35 | ,191 | -52,352 | 7,074 |
| BSK | 11,639 | 10,379 | 35 | ,809 | -14,458 | 37,737 |
| Se basa en medias marginales estimadas | | | | | | | | |
| \*. La diferencia de medias es significativa en el nivel ,05. | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| c. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

**2.4 Pruebas de Normalidad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Residuos | ,181 | 35 | ,005 | ,927 | 35 | ,023 |
| a. Corrección de significación de Lilliefors | | | | | | |

1. **Modelo Mixto: Hay medidas repetidas (Simetría Compuesta)**

**3.1 AIC**

|  |  |
| --- | --- |
| **Criterios de informacióna** | |
| Logaritmo de la verosimilitud -2 | 280,293 |
| Criterio de información Akaike (AIC) | 302,293 |
| Criterio de Hurvich y Tsai (AICC) | 313,771 |
| Criterio de Bozdogan (CAIC) | 330,402 |
| Criterio bayesiano de Schwarz (BIC) | 319,402 |
| Los criterios de información se visualizan en el formato cuanto más pequeño mejor. | |
| a. Variable dependiente: Productividad. | |

**3.2 Efectos fijos**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pruebas de efectos fijos de tipo IIIa** | | | | |
| Origen | gl de numerador | gl de denominador | F | Sig. |
| Intersección | 1 | 10,198 | 16,810 | ,002 |
| DevAppr | 2 | 21,939 | 4,903 | ,017 |
| Tarea | 2 | 21,939 | ,988 | ,388 |
| Tarea \* DevAppr | 4 | 23,164 | 3,161 | ,033 |
| a. Variable dependiente: Productividad. | | | | |

**3.3 Comparación por parejas**

**3.3.1 Enfoque de desarrollo \* Tarea compara Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Task | (I) Development Approach | (J) Development Approach | Diferencia de medias (I-J) | Desv. Error | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR | ITL | TDD | 6,683 | 10,285 | 33,065 | 1,000 | -19,256 | 32,622 |
| YW | -10,579 | 11,785 | 32,279 | 1,000 | -40,339 | 19,181 |
| TDD | ITL | -6,683 | 10,285 | 33,065 | 1,000 | -32,622 | 19,256 |
| YW | -17,262 | 10,285 | 33,065 | ,308 | -43,201 | 8,677 |
| YW | ITL | 10,579 | 11,785 | 32,279 | 1,000 | -19,181 | 40,339 |
| TDD | 17,262 | 10,285 | 33,065 | ,308 | -8,677 | 43,201 |
| BSK | ITL | TDD | 28,946\* | 10,766 | 33,452 | ,033 | 1,811 | 56,082 |
| YW | 34,954\* | 9,608 | 31,868 | ,003 | 10,674 | 59,234 |
| TDD | ITL | -28,946\* | 10,766 | 33,452 | ,033 | -56,082 | -1,811 |
| YW | 6,008 | 10,678 | 30,672 | 1,000 | -21,035 | 33,051 |
| YW | ITL | -34,954\* | 9,608 | 31,868 | ,003 | -59,234 | -10,674 |
| TDD | -6,008 | 10,678 | 30,672 | 1,000 | -33,051 | 21,035 |
| SS | ITL | TDD | 4,599 | 10,678 | 30,672 | 1,000 | -22,444 | 31,642 |
| YW | -5,189 | 9,608 | 31,868 | 1,000 | -29,469 | 19,091 |
| TDD | ITL | -4,599 | 10,678 | 30,672 | 1,000 | -31,642 | 22,444 |
| YW | -9,788 | 10,766 | 33,452 | 1,000 | -36,924 | 17,347 |
| YW | ITL | 5,189 | 9,608 | 31,868 | 1,000 | -19,091 | 29,469 |
| TDD | 9,788 | 10,766 | 33,452 | 1,000 | -17,347 | 36,924 |
| Se basa en medias marginales estimadas | | | | | | | | |
| \*. La diferencia de medias es significativa en el nivel ,05. | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| c. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

**3.3.2 Enfoque de desarrollo \* Tarea compara Tarea**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Development Approach | (I) Task | (J) Task | Diferencia de medias (I-J) | Desv. Error | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | MR | BSK | -17,758 | 10,766 | 33,452 | ,325 | -44,894 | 9,377 |
| SS | 4,485 | 10,678 | 30,672 | 1,000 | -22,558 | 31,528 |
| BSK | MR | 17,758 | 10,766 | 33,452 | ,325 | -9,377 | 44,894 |
| SS | 22,244 | 9,608 | 31,868 | ,082 | -2,036 | 46,524 |
| SS | MR | -4,485 | 10,678 | 30,672 | 1,000 | -31,528 | 22,558 |
| BSK | -22,244 | 9,608 | 31,868 | ,082 | -46,524 | 2,036 |
| TDD | MR | BSK | 4,505 | 10,285 | 33,065 | 1,000 | -21,434 | 30,443 |
| SS | 2,401 | 10,285 | 33,065 | 1,000 | -23,538 | 28,340 |
| BSK | MR | -4,505 | 10,285 | 33,065 | 1,000 | -30,443 | 21,434 |
| SS | -2,104 | 11,785 | 32,279 | 1,000 | -31,864 | 27,656 |
| SS | MR | -2,401 | 10,285 | 33,065 | 1,000 | -28,340 | 23,538 |
| BSK | 2,104 | 11,785 | 32,279 | 1,000 | -27,656 | 31,864 |
| YW | MR | BSK | 27,775\* | 10,678 | 30,672 | ,043 | ,732 | 54,818 |
| SS | 9,875 | 10,766 | 33,452 | 1,000 | -17,261 | 37,010 |
| BSK | MR | -27,775\* | 10,678 | 30,672 | ,043 | -54,818 | -,732 |
| SS | -17,900 | 9,608 | 31,868 | ,215 | -42,180 | 6,380 |
| SS | MR | -9,875 | 10,766 | 33,452 | 1,000 | -37,010 | 17,261 |
| BSK | 17,900 | 9,608 | 31,868 | ,215 | -6,380 | 42,180 |
| Se basa en medias marginales estimadas | | | | | | | | |
| \*. La diferencia de medias es significativa en el nivel ,05. | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| c. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

**3.4 Pruebas de Normalidad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Residuos | ,210 | 35 | ,000 | ,890 | 35 | ,002 |
| a. Corrección de significación de Lilliefors | | | | | | |

1. **Modelo Mixto: Hay medidas repetidas (Diagonal)**

**4.1 AIC**

|  |  |
| --- | --- |
| **Criterios de informacióna** | |
| Logaritmo de la verosimilitud -2 | 290,329 |
| Criterio de información Akaike (AIC) | 314,329 |
| Criterio de Hurvich y Tsai (AICC) | 328,511 |
| Criterio de Bozdogan (CAIC) | 344,993 |
| Criterio bayesiano de Schwarz (BIC) | 332,993 |
| Los criterios de información se visualizan en el formato cuanto más pequeño mejor. | |
| a. Variable dependiente: Productividad. | |

**4.2 Efectos fijos**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pruebas de efectos fijos de tipo IIIa** | | | | |
| Origen | gl de numerador | gl de denominador | F | Sig. |
| Intersección | 1 | 34,492 | 40,393 | ,000 |
| DevAppr | 2 | 22,483 | 1,982 | ,161 |
| Tarea | 2 | 34,407 | ,507 | ,607 |
| Tarea \* DevAppr | 4 | 23,724 | 3,695 | ,018 |
| a. Variable dependiente: Productividad. | | | | |

**4.3 Comparación por parejas**

**4.3.1 Enfoque de desarrollo \* Tarea compara Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Task | (I) Development Approach | (J) Development Approach | Diferencia de medias (I-J) | Desv. Error | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR | ITL | TDD | 3,146 | 10,947 | 20,120 | 1,000 | -25,438 | 31,730 |
| YW | -21,723 | 13,407 | 23,934 | ,355 | -56,236 | 12,790 |
| TDD | ITL | -3,146 | 10,947 | 20,120 | 1,000 | -31,730 | 25,438 |
| YW | -24,869 | 11,369 | 19,543 | ,123 | -54,635 | 4,897 |
| YW | ITL | 21,723 | 13,407 | 23,934 | ,355 | -12,790 | 56,236 |
| TDD | 24,869 | 11,369 | 19,543 | ,123 | -4,897 | 54,635 |
| BSK | ITL | TDD | 35,684\* | 11,029 | 22,999 | ,011 | 7,206 | 64,162 |
| YW | 37,051\* | 10,983 | 23,917 | ,008 | 8,777 | 65,325 |
| TDD | ITL | -35,684\* | 11,029 | 22,999 | ,011 | -64,162 | -7,206 |
| YW | 1,368 | 10,702 | 22,937 | 1,000 | -26,271 | 29,006 |
| YW | ITL | -37,051\* | 10,983 | 23,917 | ,008 | -65,325 | -8,777 |
| TDD | -1,368 | 10,702 | 22,937 | 1,000 | -29,006 | 26,271 |
| SS | ITL | TDD | -1,905 | 10,434 | 22,750 | 1,000 | -28,869 | 25,060 |
| YW | 1,071 | 11,047 | 23,382 | 1,000 | -27,417 | 29,560 |
| TDD | ITL | 1,905 | 10,434 | 22,750 | 1,000 | -25,060 | 28,869 |
| YW | 2,976 | 11,345 | 22,920 | 1,000 | -26,326 | 32,278 |
| YW | ITL | -1,071 | 11,047 | 23,382 | 1,000 | -29,560 | 27,417 |
| TDD | -2,976 | 11,345 | 22,920 | 1,000 | -32,278 | 26,326 |
| Se basa en medias marginales estimadas | | | | | | | | |
| \*. La diferencia de medias es significativa en el nivel ,05. | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| c. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

**4.3.2 Enfoque de desarrollo \* Tarea compara Tarea**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Development Approach | (I) Task | (J) Task | Diferencia de medias (I-J) | Desv. Error | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | MR | BSK | -24,496 | 12,208 | 12 | ,204 | -58,428 | 9,437 |
| SS | -,155 | 11,673 | 12 | 1,000 | -32,601 | 32,290 |
| BSK | MR | 24,496 | 12,208 | 12 | ,204 | -9,437 | 58,428 |
| SS | 24,341 | 10,723 | 12 | ,127 | -5,463 | 54,144 |
| SS | MR | ,155 | 11,673 | 12 | 1,000 | -32,290 | 32,601 |
| BSK | -24,341 | 10,723 | 12 | ,127 | -54,144 | 5,463 |
| TDD | MR | BSK | 8,042 | 9,614 | 11 | 1,000 | -19,071 | 35,155 |
| SS | -5,206 | 9,614 | 11 | 1,000 | -32,319 | 21,907 |
| BSK | MR | -8,042 | 9,614 | 11 | 1,000 | -35,155 | 19,071 |
| SS | -13,248 | 10,749 | 11 | ,730 | -43,561 | 17,065 |
| SS | MR | 5,206 | 9,614 | 11 | 1,000 | -21,907 | 32,319 |
| BSK | 13,248 | 10,749 | 11 | ,730 | -17,065 | 43,561 |
| YW | MR | BSK | 34,278\* | 12,302 | 12 | ,049 | ,084 | 68,473 |
| SS | 22,639 | 12,866 | 12 | ,312 | -13,122 | 58,400 |
| BSK | MR | -34,278\* | 12,302 | 12 | ,049 | -68,473 | -,084 |
| SS | -11,639 | 11,301 | 12 | ,970 | -43,049 | 19,770 |
| SS | MR | -22,639 | 12,866 | 12 | ,312 | -58,400 | 13,122 |
| BSK | 11,639 | 11,301 | 12 | ,970 | -19,770 | 43,049 |
| Se basa en medias marginales estimadas | | | | | | | | |
| \*. La diferencia de medias es significativa en el nivel ,05. | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| c. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

* 1. **Pruebas de Normalidad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Residuos | ,181 | 35 | ,005 | ,927 | 35 | ,023 |
| a. Corrección de significación de Lilliefors | | | | | | |

1. **Modelo Mixto: Hay medidas repetidas (Sin estructura)**

**5.1 AIC**

|  |  |
| --- | --- |
| **Criterios de informacióna** | |
| Logaritmo de la verosimilitud -2 | 276,418 |
| Criterio de información Akaike (AIC) | 306,418 |
| Criterio de Hurvich y Tsai (AICC) | 331,681 |
| Criterio de Bozdogan (CAIC) | 344,748 |
| Criterio bayesiano de Schwarz (BIC) | 329,748 |
| Los criterios de información se visualizan en el formato cuanto más pequeño mejor. | |
| a. Variable dependiente: Productividad. | |

**5.2 Efectos fijos**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pruebas de efectos fijos de tipo IIIa** | | | | |
| Origen | gl de numerador | gl de denominador | F | Sig. |
| Intersección | 1 | 10,273 | 16,638 | ,002 |
| DevAppr | 2 | 11,040 | 10,307 | ,003 |
| Tarea | 2 | 17,594 | 1,048 | ,371 |
| Tarea \* DevAppr | 4 | 17,878 | 3,058 | ,044 |
| a. Variable dependiente: Productividad. | | | | |

**5.3 Comparación por parejas**

**5.3.1 Enfoque de desarrollo \* Tarea compara Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Task | (I) Development Approach | (J) Development Approach | Diferencia de medias (I-J) | Desv. Error | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR | ITL | TDD | 4,406 | 10,052 | 17,495 | 1,000 | -22,200 | 31,013 |
| YW | -12,134 | 12,751 | 24,079 | 1,000 | -44,941 | 20,673 |
| TDD | ITL | -4,406 | 10,052 | 17,495 | 1,000 | -31,013 | 22,200 |
| YW | -16,540 | 10,128 | 19,676 | ,355 | -43,039 | 9,959 |
| YW | ITL | 12,134 | 12,751 | 24,079 | 1,000 | -20,673 | 44,941 |
| TDD | 16,540 | 10,128 | 19,676 | ,355 | -9,959 | 43,039 |
| BSK | ITL | TDD | 30,476\* | 10,013 | 19,535 | ,020 | 4,261 | 56,691 |
| YW | 33,928\* | 9,488 | 26,867 | ,004 | 9,703 | 58,153 |
| TDD | ITL | -30,476\* | 10,013 | 19,535 | ,020 | -56,691 | -4,261 |
| YW | 3,452 | 10,388 | 20,879 | 1,000 | -23,585 | 30,488 |
| YW | ITL | -33,928\* | 9,488 | 26,867 | ,004 | -58,153 | -9,703 |
| TDD | -3,452 | 10,388 | 20,879 | 1,000 | -30,488 | 23,585 |
| SS | ITL | TDD | 6,291 | 8,685 | 22,362 | 1,000 | -16,184 | 28,767 |
| YW | -3,026 | 10,098 | 23,221 | 1,000 | -29,081 | 23,028 |
| TDD | ITL | -6,291 | 8,685 | 22,362 | 1,000 | -28,767 | 16,184 |
| YW | -9,317 | 10,263 | 23,578 | 1,000 | -35,765 | 17,130 |
| YW | ITL | 3,026 | 10,098 | 23,221 | 1,000 | -23,028 | 29,081 |
| TDD | 9,317 | 10,263 | 23,578 | 1,000 | -17,130 | 35,765 |
| Se basa en medias marginales estimadas | | | | | | | | |
| \*. La diferencia de medias es significativa en el nivel ,05. | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| c. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

**5.3.2 Enfoque de desarrollo \* Tarea compara Tarea**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Development Approach | (I) Task | (J) Task | Diferencia de medias (I-J) | Desv. Error | gl | Sig.b | 95% de intervalo de confianza para diferenciab | |
| Límite inferior | Límite superior |
| ITL | MR | BSK | -18,928 | 11,037 | 14,616 | ,322 | -48,756 | 10,900 |
| SS | 2,173 | 10,796 | 15,016 | 1,000 | -26,904 | 31,250 |
| BSK | MR | 18,928 | 11,037 | 14,616 | ,322 | -10,900 | 48,756 |
| SS | 21,101 | 8,551 | 15,500 | ,077 | -1,842 | 44,045 |
| SS | MR | -2,173 | 10,796 | 15,016 | 1,000 | -31,250 | 26,904 |
| BSK | -21,101 | 8,551 | 15,500 | ,077 | -44,045 | 1,842 |
| TDD | MR | BSK | 7,142 | 8,905 | 12,261 | 1,000 | -17,526 | 31,810 |
| SS | 4,058 | 7,647 | 15,451 | 1,000 | -16,466 | 24,583 |
| BSK | MR | -7,142 | 8,905 | 12,261 | 1,000 | -31,810 | 17,526 |
| SS | -3,084 | 9,898 | 13,993 | 1,000 | -29,985 | 23,817 |
| SS | MR | -4,058 | 7,647 | 15,451 | 1,000 | -24,583 | 16,466 |
| BSK | 3,084 | 9,898 | 13,993 | 1,000 | -23,817 | 29,985 |
| YW | MR | BSK | 27,134 | 11,586 | 14,044 | ,103 | -4,342 | 58,610 |
| SS | 11,281 | 12,191 | 13,656 | 1,000 | -21,963 | 44,525 |
| BSK | MR | -27,134 | 11,586 | 14,044 | ,103 | -58,610 | 4,342 |
| SS | -15,853 | 10,787 | 13,301 | ,495 | -45,377 | 13,671 |
| SS | MR | -11,281 | 12,191 | 13,656 | 1,000 | -44,525 | 21,963 |
| BSK | 15,853 | 10,787 | 13,301 | ,495 | -13,671 | 45,377 |
| Se basa en medias marginales estimadas | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| b. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

* 1. **Pruebas de Normalidad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Residuos | ,201 | 35 | ,001 | ,891 | 35 | ,002 |
| a. Corrección de significación de Lilliefors | | | | | | |

1. **Modelo Mixto: Hay medidas repetidas (AR1)**

**6.1 AIC**

|  |  |
| --- | --- |
| **Criterios de informacióna** | |
| Logaritmo de la verosimilitud -2 | 280,020 |
| Criterio de información Akaike (AIC) | 302,020 |
| Criterio de Hurvich y Tsai (AICC) | 313,498 |
| Criterio de Bozdogan (CAIC) | 330,129 |
| Criterio bayesiano de Schwarz (BIC) | 319,129 |
| Los criterios de información se visualizan en el formato cuanto más pequeño mejor. | |
| a. Variable dependiente: Productividad. | |

**6.2 Efectos fijos**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pruebas de efectos fijos de tipo IIIa** | | | | |
| Origen | gl de numerador | gl de denominador | F | Sig. |
| Intersección | 1 | 11,073 | 16,788 | ,002 |
| DevAppr | 2 | 21,317 | 6,368 | ,007 |
| Tarea | 2 | 24,474 | 1,152 | ,333 |
| Tarea \* DevAppr | 4 | 24,901 | 3,765 | ,016 |
| a. Variable dependiente: Productividad. | | | | |

**6.3 Comparación por parejas**

**6.3.1 Enfoque de desarrollo \* Tarea compara Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Task | (I) Development Approach | (J) Development Approach | Diferencia de medias (I-J) | Desv. Error | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR | ITL | TDD | 4,322 | 10,453 | 32,729 | 1,000 | -22,056 | 30,700 |
| YW | -15,117 | 12,550 | 26,631 | ,717 | -47,179 | 16,944 |
| TDD | ITL | -4,322 | 10,453 | 32,729 | 1,000 | -30,700 | 22,056 |
| YW | -19,440 | 10,453 | 32,729 | ,216 | -45,817 | 6,938 |
| YW | ITL | 15,117 | 12,550 | 26,631 | ,717 | -16,944 | 47,179 |
| TDD | 19,440 | 10,453 | 32,729 | ,216 | -6,938 | 45,817 |
| BSK | ITL | TDD | 31,261\* | 11,143 | 30,503 | ,026 | 3,033 | 59,489 |
| YW | 35,906\* | 9,396 | 33,975 | ,002 | 12,245 | 59,568 |
| TDD | ITL | -31,261\* | 11,143 | 30,503 | ,026 | -59,489 | -3,033 |
| YW | 4,645 | 10,420 | 33,320 | 1,000 | -21,622 | 30,913 |
| YW | ITL | -35,906\* | 9,396 | 33,975 | ,002 | -59,568 | -12,245 |
| TDD | -4,645 | 10,420 | 33,320 | 1,000 | -30,913 | 21,622 |
| SS | ITL | TDD | 4,674 | 10,420 | 33,320 | 1,000 | -21,594 | 30,941 |
| YW | -2,738 | 9,396 | 33,975 | 1,000 | -26,399 | 20,924 |
| TDD | ITL | -4,674 | 10,420 | 33,320 | 1,000 | -30,941 | 21,594 |
| YW | -7,411 | 11,143 | 30,503 | 1,000 | -35,639 | 20,817 |
| YW | ITL | 2,738 | 9,396 | 33,975 | 1,000 | -20,924 | 26,399 |
| TDD | 7,411 | 11,143 | 30,503 | 1,000 | -20,817 | 35,639 |
| Se basa en medias marginales estimadas | | | | | | | | |
| \*. La diferencia de medias es significativa en el nivel ,05. | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| c. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

**6.3.2 Enfoque de desarrollo \* Tarea compara Tarea**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Development Approach | (I) Task | (J) Task | Diferencia de medias (I-J) | Desv. Error | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | MR | BSK | -21,094 | 11,515 | 28,162 | ,233 | -50,406 | 8,218 |
| SS | 2,102 | 10,889 | 30,620 | 1,000 | -25,476 | 29,680 |
| BSK | MR | 21,094 | 11,515 | 28,162 | ,233 | -8,218 | 50,406 |
| SS | 23,196 | 9,396 | 33,975 | ,056 | -,466 | 46,857 |
| SS | MR | -2,102 | 10,889 | 30,620 | 1,000 | -29,680 | 25,476 |
| BSK | -23,196 | 9,396 | 33,975 | ,056 | -46,857 | ,466 |
| TDD | MR | BSK | 5,845 | 9,879 | 34,706 | 1,000 | -19,008 | 30,697 |
| SS | 2,453 | 9,879 | 34,706 | 1,000 | -22,399 | 27,306 |
| BSK | MR | -5,845 | 9,879 | 34,706 | 1,000 | -30,697 | 19,008 |
| SS | -3,392 | 11,899 | 30,502 | 1,000 | -33,536 | 26,753 |
| SS | MR | -2,453 | 9,879 | 34,706 | 1,000 | -27,306 | 22,399 |
| BSK | 3,392 | 11,899 | 30,502 | 1,000 | -26,753 | 33,536 |
| YW | MR | BSK | 29,930\* | 10,889 | 30,620 | ,030 | 2,352 | 57,508 |
| SS | 14,482 | 11,515 | 28,162 | ,657 | -14,830 | 43,794 |
| BSK | MR | -29,930\* | 10,889 | 30,620 | ,030 | -57,508 | -2,352 |
| SS | -15,448 | 9,396 | 33,975 | ,328 | -39,110 | 8,213 |
| SS | MR | -14,482 | 11,515 | 28,162 | ,657 | -43,794 | 14,830 |
| BSK | 15,448 | 9,396 | 33,975 | ,328 | -8,213 | 39,110 |
| Se basa en medias marginales estimadas | | | | | | | | |
| \*. La diferencia de medias es significativa en el nivel ,05. | | | | | | | | |
| a. Variable dependiente: Productividad. | | | | | | | | |
| c. Ajuste para varias comparaciones: Bonferroni. | | | | | | | | |

**6.4 Pruebas de Normalidad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Residuos | ,204 | 35 | ,001 | ,899 | 35 | ,004 |
| a. Corrección de significación de Lilliefors | | | | | | |