**Ericsson**

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

**1.1 AIC**

|  |  |
| --- | --- |
| **Criterios de informacióna** | |
| Logaritmo de la verosimilitud restringido -2 | 319,583 |
| Criterio de información Akaike (AIC) | 323,583 |
| Criterio de Hurvich y Tsai (AICC) | 323,997 |
| Criterio de Bozdogan (CAIC) | 328,514 |
| Criterio bayesiano de Schwarz (BIC) | 326,514 |
| 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 | 16,268 | 53,076 | ,000 |
| Tarea1 | 3 | 20,465 | 3,036 | ,052 |
| DevAppr | 1 | 14,496 | 6,016 | ,027 |
| Tarea1 \* DevAppr | 3 | 28,341 | 4,223 | ,014 |
| a. Variable dependiente: Productividad. | | | | |

**1.3 Comparación por Parejas:**

**Enfoque de desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| (I) DevAppr | (J) DevAppr | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | TDD | -18,093\* | 7,376 | 14,496 | ,027 | -33,864 | -2,323 |
| TDD | ITL | 18,093\* | 7,376 | 14,496 | ,027 | 2,323 | 33,864 |
| 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. | | | | | | | | |

**Tarea\*Enfoque de Desarrollo**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **4. Tarea1 \* DevAppra** | | | | | | |
| Tarea1 | DevAppr | Media | Error estándar | gl | Intervalo de confianza al 95% | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | 46,881 | 13,015 | 31,997 | 20,370 | 73,392 |
| TDD | 6,454 | 13,015 | 31,997 | -20,057 | 32,965 |
| MR\_S | ITL | 29,443 | 13,015 | 31,997 | 2,932 | 55,954 |
| TDD | 56,764 | 13,015 | 31,997 | 30,253 | 83,275 |
| BSK\_NS | ITL | 21,951 | 12,005 | 31,797 | -2,508 | 46,410 |
| TDD | 51,882 | 12,005 | 31,797 | 27,423 | 76,341 |
| BSK\_S | ITL | 35,379 | 14,398 | 31,667 | 6,038 | 64,719 |
| TDD | 90,927 | 14,398 | 31,667 | 61,586 | 120,267 |
| a. Variable dependiente: Productividad. | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Enfoque de desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Tarea1 | (I) DevAppr | (J) DevAppr | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | TDD | 40,427\* | 18,406 | 31,997 | ,035 | 2,935 | 77,919 |
| TDD | ITL | -40,427\* | 18,406 | 31,997 | ,035 | -77,919 | -2,935 |
| MR\_S | ITL | TDD | -27,321 | 18,406 | 31,997 | ,148 | -64,813 | 10,171 |
| TDD | ITL | 27,321 | 18,406 | 31,997 | ,148 | -10,171 | 64,813 |
| BSK\_NS | ITL | TDD | -29,931 | 16,977 | 31,797 | ,088 | -64,522 | 4,659 |
| TDD | ITL | 29,931 | 16,977 | 31,797 | ,088 | -4,659 | 64,522 |
| BSK\_S | ITL | TDD | -55,548\* | 20,362 | 31,667 | ,010 | -97,041 | -14,055 |
| TDD | ITL | 55,548\* | 20,362 | 31,667 | ,010 | 14,055 | 97,041 |
| 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. | | | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Tarea**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| DevAppr | (I) Tarea1 | (J) Tarea1 | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | MR\_NS | MR\_S | 17,438 | 17,416 | 25,221 | 1,000 | -32,420 | 67,297 |
| BSK\_NS | 24,930 | 17,706 | 31,968 | 1,000 | -24,869 | 74,729 |
| BSK\_S | 11,503 | 19,409 | 31,883 | 1,000 | -43,095 | 66,100 |
| MR\_S | MR\_NS | -17,438 | 17,416 | 25,221 | 1,000 | -67,297 | 32,420 |
| BSK\_NS | 7,492 | 17,706 | 31,968 | 1,000 | -42,307 | 57,291 |
| BSK\_S | -5,936 | 19,409 | 31,883 | 1,000 | -60,533 | 48,661 |
| BSK\_NS | MR\_NS | -24,930 | 17,706 | 31,968 | 1,000 | -74,729 | 24,869 |
| MR\_S | -7,492 | 17,706 | 31,968 | 1,000 | -57,291 | 42,307 |
| BSK\_S | -13,428 | 17,775 | 25,221 | 1,000 | -64,314 | 37,459 |
| BSK\_S | MR\_NS | -11,503 | 19,409 | 31,883 | 1,000 | -66,100 | 43,095 |
| MR\_S | 5,936 | 19,409 | 31,883 | 1,000 | -48,661 | 60,533 |
| BSK\_NS | 13,428 | 17,775 | 25,221 | 1,000 | -37,459 | 64,314 |
| TDD | MR\_NS | MR\_S | -50,310\* | 17,416 | 25,221 | ,047 | -100,168 | -,452 |
| BSK\_NS | -45,428 | 17,706 | 31,968 | ,091 | -95,227 | 4,371 |
| BSK\_S | -84,472\* | 19,409 | 31,883 | ,001 | -139,070 | -29,875 |
| MR\_S | MR\_NS | 50,310\* | 17,416 | 25,221 | ,047 | ,452 | 100,168 |
| BSK\_NS | 4,882 | 17,706 | 31,968 | 1,000 | -44,917 | 54,681 |
| BSK\_S | -34,163 | 19,409 | 31,883 | ,528 | -88,760 | 20,435 |
| BSK\_NS | MR\_NS | 45,428 | 17,706 | 31,968 | ,091 | -4,371 | 95,227 |
| MR\_S | -4,882 | 17,706 | 31,968 | 1,000 | -54,681 | 44,917 |
| BSK\_S | -39,044 | 17,775 | 25,221 | ,225 | -89,931 | 11,842 |
| BSK\_S | MR\_NS | 84,472\* | 19,409 | 31,883 | ,001 | 29,875 | 139,070 |
| MR\_S | 34,163 | 19,409 | 31,883 | ,528 | -20,435 | 88,760 |
| BSK\_NS | 39,044 | 17,775 | 25,221 | ,225 | -11,842 | 89,931 |
| 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**

**Productividad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ,139 | 40 | ,050 | ,895 | 40 | ,001 |
| Residuos | ,095 | 40 | ,200\* | ,980 | 40 | ,683 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | |

**Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | DevAppr | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ITL | ,188 | 20 | ,063 | ,842 | 20 | ,004 |
| TDD | ,160 | 20 | ,194 | ,927 | 20 | ,138 |
| Residuos | ITL | ,134 | 20 | ,200\* | ,960 | 20 | ,536 |
| TDD | ,141 | 20 | ,200\* | ,951 | 20 | ,390 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | | |

**Tarea**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | Tarea1 | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | MR\_NS | ,278 | 10 | ,028 | ,747 | 10 | ,003 |
| MR\_S | ,303 | 10 | ,010 | ,873 | 10 | ,109 |
| BSK\_NS | ,180 | 12 | ,200\* | ,875 | 12 | ,077 |
| BSK\_S | ,298 | 8 | ,035 | ,819 | 8 | ,046 |
| Residuos | MR\_NS | ,224 | 10 | ,169 | ,928 | 10 | ,431 |
| MR\_S | ,103 | 10 | ,200\* | ,979 | 10 | ,959 |
| BSK\_NS | ,129 | 12 | ,200\* | ,967 | 12 | ,881 |
| BSK\_S | ,180 | 8 | ,200\* | ,865 | 8 | ,135 |
| \*. 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 restringido -2 | 322,511 |
| Criterio de información Akaike (AIC) | 324,511 |
| Criterio de Hurvich y Tsai (AICC) | 324,645 |
| Criterio de Bozdogan (CAIC) | 326,977 |
| Criterio bayesiano de Schwarz (BIC) | 325,977 |
| 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 | 32 | 74,025 | ,000 |
| Tarea1 | 3 | 32 | 1,591 | ,211 |
| DevAppr | 1 | 32 | 3,367 | ,076 |
| Tarea1 \* DevAppr | 3 | 32 | 3,309 | ,032 |
| a. Variable dependiente: Productividad. | | | | |

**2.3 Comparación por parejas**

**Tarea\*Enfoque de Desarrollo**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **4. Tarea1 \* DevAppra** | | | | | | |
| Tarea1 | DevAppr | Media | Error estándar | gl | Intervalo de confianza al 95% | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | 42,528 | 13,677 | 32 | 14,670 | 70,386 |
| TDD | 10,574 | 13,677 | 32 | -17,284 | 38,432 |
| MR\_S | ITL | 33,796 | 13,677 | 32 | 5,938 | 61,654 |
| TDD | 52,644 | 13,677 | 32 | 24,786 | 80,502 |
| BSK\_NS | ITL | 24,703 | 12,485 | 32 | -,728 | 50,134 |
| TDD | 55,952 | 12,485 | 32 | 30,521 | 81,383 |
| BSK\_S | ITL | 31,250 | 15,291 | 32 | ,104 | 62,396 |
| TDD | 84,823 | 15,291 | 32 | 53,676 | 115,969 |
| a. Variable dependiente: Productividad. | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Tarea**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| DevAppr | (I) Tarea1 | (J) Tarea1 | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | MR\_NS | MR\_S | 8,732 | 19,342 | 32 | 1,000 | -45,663 | 63,127 |
| BSK\_NS | 17,825 | 18,518 | 32 | 1,000 | -34,255 | 69,904 |
| BSK\_S | 11,278 | 20,515 | 32 | 1,000 | -46,417 | 68,973 |
| MR\_S | MR\_NS | -8,732 | 19,342 | 32 | 1,000 | -63,127 | 45,663 |
| BSK\_NS | 9,093 | 18,518 | 32 | 1,000 | -42,987 | 61,172 |
| BSK\_S | 2,546 | 20,515 | 32 | 1,000 | -55,149 | 60,241 |
| BSK\_NS | MR\_NS | -17,825 | 18,518 | 32 | 1,000 | -69,904 | 34,255 |
| MR\_S | -9,093 | 18,518 | 32 | 1,000 | -61,172 | 42,987 |
| BSK\_S | -6,547 | 19,740 | 32 | 1,000 | -62,063 | 48,970 |
| BSK\_S | MR\_NS | -11,278 | 20,515 | 32 | 1,000 | -68,973 | 46,417 |
| MR\_S | -2,546 | 20,515 | 32 | 1,000 | -60,241 | 55,149 |
| BSK\_NS | 6,547 | 19,740 | 32 | 1,000 | -48,970 | 62,063 |
| TDD | MR\_NS | MR\_S | -42,070 | 19,342 | 32 | ,223 | -96,465 | 12,325 |
| BSK\_NS | -45,378 | 18,518 | 32 | ,120 | -97,457 | 6,702 |
| BSK\_S | -74,249\* | 20,515 | 32 | ,006 | -131,943 | -16,554 |
| MR\_S | MR\_NS | 42,070 | 19,342 | 32 | ,223 | -12,325 | 96,465 |
| BSK\_NS | -3,308 | 18,518 | 32 | 1,000 | -55,387 | 48,772 |
| BSK\_S | -32,179 | 20,515 | 32 | ,760 | -89,873 | 25,516 |
| BSK\_NS | MR\_NS | 45,378 | 18,518 | 32 | ,120 | -6,702 | 97,457 |
| MR\_S | 3,308 | 18,518 | 32 | 1,000 | -48,772 | 55,387 |
| BSK\_S | -28,871 | 19,740 | 32 | ,920 | -84,387 | 26,646 |
| BSK\_S | MR\_NS | 74,249\* | 20,515 | 32 | ,006 | 16,554 | 131,943 |
| MR\_S | 32,179 | 20,515 | 32 | ,760 | -25,516 | 89,873 |
| BSK\_NS | 28,871 | 19,740 | 32 | ,920 | -26,646 | 84,387 |
| 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. | | | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Enfoque de desarrollo**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | | |
| Tarea1 | (I) DevAppr | (J) DevAppr | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | TDD | 31,954 | 19,342 | 32 | ,108 | -7,443 | 71,351 |
| TDD | ITL | -31,954 | 19,342 | 32 | ,108 | -71,351 | 7,443 |
| MR\_S | ITL | TDD | -18,848 | 19,342 | 32 | ,337 | -58,245 | 20,549 |
| TDD | ITL | 18,848 | 19,342 | 32 | ,337 | -20,549 | 58,245 |
| BSK\_NS | ITL | TDD | -31,248 | 17,656 | 32 | ,086 | -67,213 | 4,716 |
| TDD | ITL | 31,248 | 17,656 | 32 | ,086 | -4,716 | 67,213 |
| BSK\_S | ITL | TDD | -53,573\* | 21,624 | 32 | ,019 | -97,620 | -9,525 |
| TDD | ITL | 53,573\* | 21,624 | 32 | ,019 | 9,525 | 97,620 |
| 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**

**Productividad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ,139 | 40 | ,050 | ,895 | 40 | ,001 |
| Residuos | ,112 | 40 | ,200\* | ,967 | 40 | ,291 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | |

**Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | DevAppr | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ITL | ,188 | 20 | ,063 | ,842 | 20 | ,004 |
| TDD | ,160 | 20 | ,194 | ,927 | 20 | ,138 |
| Residuos | ITL | ,121 | 20 | ,200\* | ,921 | 20 | ,101 |
| TDD | ,160 | 20 | ,190 | ,923 | 20 | ,115 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | | |

**Tarea**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | Tarea1 | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | MR\_NS | ,278 | 10 | ,028 | ,747 | 10 | ,003 |
| MR\_S | ,303 | 10 | ,010 | ,873 | 10 | ,109 |
| BSK\_NS | ,180 | 12 | ,200\* | ,875 | 12 | ,077 |
| BSK\_S | ,298 | 8 | ,035 | ,819 | 8 | ,046 |
| Residuos | MR\_NS | ,203 | 10 | ,200\* | ,912 | 10 | ,292 |
| MR\_S | ,179 | 10 | ,200\* | ,935 | 10 | ,501 |
| BSK\_NS | ,123 | 12 | ,200\* | ,985 | 12 | ,996 |
| BSK\_S | ,215 | 8 | ,200\* | ,854 | 8 | ,105 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | | |

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

**3.1 AIC**

|  |  |
| --- | --- |
| **Criterios de informacióna** | |
| Logaritmo de la verosimilitud restringido -2 | 319,583 |
| Criterio de información Akaike (AIC) | 323,583 |
| Criterio de Hurvich y Tsai (AICC) | 323,997 |
| Criterio de Bozdogan (CAIC) | 328,514 |
| Criterio bayesiano de Schwarz (BIC) | 326,514 |
| 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 | 16,268 | 53,076 | ,000 |
| Tarea1 | 3 | 20,465 | 3,036 | ,052 |
| DevAppr | 1 | 14,496 | 6,016 | ,027 |
| Tarea1 \* DevAppr | 3 | 28,341 | 4,223 | ,014 |
| a. Variable dependiente: Productividad. | | | | |

**3.3 Comparación por parejas**

**Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | |
| (I) DevAppr | (J) DevAppr | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | TDD | -18,093\* | 7,376 | 14,496 | ,027 | -33,864 | -2,323 |
| TDD | ITL | 18,093\* | 7,376 | 14,496 | ,027 | 2,323 | 33,864 |
| 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. | | | | | | | |

**Tarea\*Enfoque de Desarrollo**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **4. Tarea1 \* DevAppra** | | | | | | |
| Tarea1 | DevAppr | Media | Error estándar | gl | Intervalo de confianza al 95% | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | 46,881 | 13,015 | 31,997 | 20,370 | 73,392 |
| TDD | 6,454 | 13,015 | 31,997 | -20,057 | 32,965 |
| MR\_S | ITL | 29,443 | 13,015 | 31,997 | 2,932 | 55,954 |
| TDD | 56,764 | 13,015 | 31,997 | 30,253 | 83,275 |
| BSK\_NS | ITL | 21,951 | 12,005 | 31,797 | -2,508 | 46,410 |
| TDD | 51,882 | 12,005 | 31,797 | 27,423 | 76,341 |
| BSK\_S | ITL | 35,379 | 14,398 | 31,667 | 6,038 | 64,719 |
| TDD | 90,927 | 14,398 | 31,667 | 61,586 | 120,267 |
| a. Variable dependiente: Productividad. | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Enfoque de desarrollo**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | | |
| Tarea1 | (I) DevAppr | (J) DevAppr | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | TDD | 40,427\* | 18,406 | 31,997 | ,035 | 2,935 | 77,919 |
| TDD | ITL | -40,427\* | 18,406 | 31,997 | ,035 | -77,919 | -2,935 |
| MR\_S | ITL | TDD | -27,321 | 18,406 | 31,997 | ,148 | -64,813 | 10,171 |
| TDD | ITL | 27,321 | 18,406 | 31,997 | ,148 | -10,171 | 64,813 |
| BSK\_NS | ITL | TDD | -29,931 | 16,977 | 31,797 | ,088 | -64,522 | 4,659 |
| TDD | ITL | 29,931 | 16,977 | 31,797 | ,088 | -4,659 | 64,522 |
| BSK\_S | ITL | TDD | -55,548\* | 20,362 | 31,667 | ,010 | -97,041 | -14,055 |
| TDD | ITL | 55,548\* | 20,362 | 31,667 | ,010 | 14,055 | 97,041 |
| 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. | | | | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Tarea**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| DevAppr | (I) Tarea1 | (J) Tarea1 | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | MR\_NS | MR\_S | 17,438 | 17,416 | 25,221 | 1,000 | -32,420 | 67,297 |
| BSK\_NS | 24,930 | 17,706 | 31,968 | 1,000 | -24,869 | 74,729 |
| BSK\_S | 11,503 | 19,409 | 31,883 | 1,000 | -43,095 | 66,100 |
| MR\_S | MR\_NS | -17,438 | 17,416 | 25,221 | 1,000 | -67,297 | 32,420 |
| BSK\_NS | 7,492 | 17,706 | 31,968 | 1,000 | -42,307 | 57,291 |
| BSK\_S | -5,936 | 19,409 | 31,883 | 1,000 | -60,533 | 48,661 |
| BSK\_NS | MR\_NS | -24,930 | 17,706 | 31,968 | 1,000 | -74,729 | 24,869 |
| MR\_S | -7,492 | 17,706 | 31,968 | 1,000 | -57,291 | 42,307 |
| BSK\_S | -13,428 | 17,775 | 25,221 | 1,000 | -64,314 | 37,459 |
| BSK\_S | MR\_NS | -11,503 | 19,409 | 31,883 | 1,000 | -66,100 | 43,095 |
| MR\_S | 5,936 | 19,409 | 31,883 | 1,000 | -48,661 | 60,533 |
| BSK\_NS | 13,428 | 17,775 | 25,221 | 1,000 | -37,459 | 64,314 |
| TDD | MR\_NS | MR\_S | -50,310\* | 17,416 | 25,221 | ,047 | -100,168 | -,452 |
| BSK\_NS | -45,428 | 17,706 | 31,968 | ,091 | -95,227 | 4,371 |
| BSK\_S | -84,472\* | 19,409 | 31,883 | ,001 | -139,070 | -29,875 |
| MR\_S | MR\_NS | 50,310\* | 17,416 | 25,221 | ,047 | ,452 | 100,168 |
| BSK\_NS | 4,882 | 17,706 | 31,968 | 1,000 | -44,917 | 54,681 |
| BSK\_S | -34,163 | 19,409 | 31,883 | ,528 | -88,760 | 20,435 |
| BSK\_NS | MR\_NS | 45,428 | 17,706 | 31,968 | ,091 | -4,371 | 95,227 |
| MR\_S | -4,882 | 17,706 | 31,968 | 1,000 | -54,681 | 44,917 |
| BSK\_S | -39,044 | 17,775 | 25,221 | ,225 | -89,931 | 11,842 |
| BSK\_S | MR\_NS | 84,472\* | 19,409 | 31,883 | ,001 | 29,875 | 139,070 |
| MR\_S | 34,163 | 19,409 | 31,883 | ,528 | -20,435 | 88,760 |
| BSK\_NS | 39,044 | 17,775 | 25,221 | ,225 | -11,842 | 89,931 |
| 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**

**Productividad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ,139 | 40 | ,050 | ,895 | 40 | ,001 |
| Residuos | ,101 | 40 | ,200\* | ,975 | 40 | ,508 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | |

**Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | DevAppr | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ITL | ,188 | 20 | ,063 | ,842 | 20 | ,004 |
| TDD | ,160 | 20 | ,194 | ,927 | 20 | ,138 |
| Residuos | ITL | ,126 | 20 | ,200\* | ,943 | 20 | ,277 |
| TDD | ,134 | 20 | ,200\* | ,962 | 20 | ,579 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | | |

**Tarea**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | Tarea1 | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | MR\_NS | ,278 | 10 | ,028 | ,747 | 10 | ,003 |
| MR\_S | ,303 | 10 | ,010 | ,873 | 10 | ,109 |
| BSK\_NS | ,180 | 12 | ,200\* | ,875 | 12 | ,077 |
| BSK\_S | ,298 | 8 | ,035 | ,819 | 8 | ,046 |
| Residuos | MR\_NS | ,149 | 10 | ,200\* | ,927 | 10 | ,422 |
| MR\_S | ,210 | 10 | ,200\* | ,916 | 10 | ,322 |
| BSK\_NS | ,117 | 12 | ,200\* | ,986 | 12 | ,997 |
| BSK\_S | ,228 | 8 | ,200\* | ,841 | 8 | ,078 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | | |

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

**4.1 AIC**

|  |  |
| --- | --- |
| **Criterios de informacióna** | |
| Logaritmo de la verosimilitud restringido -2 | 319,190 |
| Criterio de información Akaike (AIC) | 323,190 |
| Criterio de Hurvich y Tsai (AICC) | 323,603 |
| Criterio de Bozdogan (CAIC) | 328,121 |
| Criterio bayesiano de Schwarz (BIC) | 326,121 |
| 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 | 26,948 | 74,025 | ,000 |
| Tarea1 | 3 | 26,948 | 1,591 | ,215 |
| DevAppr | 1 | 26,948 | 3,367 | ,078 |
| Tarea1 \* DevAppr | 3 | 26,948 | 3,309 | ,035 |
| a. Variable dependiente: Productividad. | | | | |

**4.3 Comparación por parejas**

**Tarea\*Enfoque de Desarrollo**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **4. Tarea1 \* DevAppra** | | | | | | |
| Tarea1 | DevAppr | Media | Error estándar | gl | Intervalo de confianza al 95% | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | 42,528 | 16,372 | 16 | 7,821 | 77,235 |
| TDD | 10,574 | 10,298 | 16 | -11,258 | 32,406 |
| MR\_S | ITL | 33,796 | 16,372 | 16 | -,911 | 68,503 |
| TDD | 52,644 | 10,298 | 16 | 30,812 | 74,476 |
| BSK\_NS | ITL | 24,703 | 14,945 | 16 | -6,979 | 56,386 |
| TDD | 55,952 | 9,401 | 16 | 36,022 | 75,881 |
| BSK\_S | ITL | 31,250 | 18,304 | 16 | -7,553 | 70,053 |
| TDD | 84,823 | 11,514 | 16 | 60,414 | 109,231 |
| a. Variable dependiente: Productividad. | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Tarea**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| DevAppr | (I) Tarea1 | (J) Tarea1 | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | MR\_NS | MR\_S | 8,732 | 23,153 | 16 | 1,000 | -60,921 | 78,385 |
| BSK\_NS | 17,825 | 22,168 | 16 | 1,000 | -48,863 | 84,512 |
| BSK\_S | 11,278 | 24,558 | 16 | 1,000 | -62,600 | 85,156 |
| MR\_S | MR\_NS | -8,732 | 23,153 | 16 | 1,000 | -78,385 | 60,921 |
| BSK\_NS | 9,093 | 22,168 | 16 | 1,000 | -57,595 | 75,780 |
| BSK\_S | 2,546 | 24,558 | 16 | 1,000 | -71,332 | 76,424 |
| BSK\_NS | MR\_NS | -17,825 | 22,168 | 16 | 1,000 | -84,512 | 48,863 |
| MR\_S | -9,093 | 22,168 | 16 | 1,000 | -75,780 | 57,595 |
| BSK\_S | -6,547 | 23,631 | 16 | 1,000 | -77,636 | 64,542 |
| BSK\_S | MR\_NS | -11,278 | 24,558 | 16 | 1,000 | -85,156 | 62,600 |
| MR\_S | -2,546 | 24,558 | 16 | 1,000 | -76,424 | 71,332 |
| BSK\_NS | 6,547 | 23,631 | 16 | 1,000 | -64,542 | 77,636 |
| TDD | MR\_NS | MR\_S | -42,070 | 14,564 | 16 | ,064 | -85,884 | 1,744 |
| BSK\_NS | -45,378\* | 13,944 | 16 | ,030 | -87,326 | -3,429 |
| BSK\_S | -74,249\* | 15,448 | 16 | ,001 | -120,720 | -27,777 |
| MR\_S | MR\_NS | 42,070 | 14,564 | 16 | ,064 | -1,744 | 85,884 |
| BSK\_NS | -3,308 | 13,944 | 16 | 1,000 | -45,256 | 38,641 |
| BSK\_S | -32,179 | 15,448 | 16 | ,322 | -78,650 | 14,293 |
| BSK\_NS | MR\_NS | 45,378\* | 13,944 | 16 | ,030 | 3,429 | 87,326 |
| MR\_S | 3,308 | 13,944 | 16 | 1,000 | -38,641 | 45,256 |
| BSK\_S | -28,871 | 14,865 | 16 | ,420 | -73,588 | 15,847 |
| BSK\_S | MR\_NS | 74,249\* | 15,448 | 16 | ,001 | 27,777 | 120,720 |
| MR\_S | 32,179 | 15,448 | 16 | ,322 | -14,293 | 78,650 |
| BSK\_NS | 28,871 | 14,865 | 16 | ,420 | -15,847 | 73,588 |
| 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. | | | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Tarea1 | (I) DevAppr | (J) DevAppr | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | TDD | 31,954 | 19,342 | 26,948 | ,110 | -7,735 | 71,643 |
| TDD | ITL | -31,954 | 19,342 | 26,948 | ,110 | -71,643 | 7,735 |
| MR\_S | ITL | TDD | -18,848 | 19,342 | 26,948 | ,338 | -58,537 | 20,841 |
| TDD | ITL | 18,848 | 19,342 | 26,948 | ,338 | -20,841 | 58,537 |
| BSK\_NS | ITL | TDD | -31,248 | 17,656 | 26,948 | ,088 | -67,479 | 4,983 |
| TDD | ITL | 31,248 | 17,656 | 26,948 | ,088 | -4,983 | 67,479 |
| BSK\_S | ITL | TDD | -53,573\* | 21,624 | 26,948 | ,020 | -97,946 | -9,199 |
| TDD | ITL | 53,573\* | 21,624 | 26,948 | ,020 | 9,199 | 97,946 |
| 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. | | | | | | | | |

**4.4 Pruebas de Normalidad**

**Productividad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ,139 | 40 | ,050 | ,895 | 40 | ,001 |
| Residuos | ,112 | 40 | ,200\* | ,967 | 40 | ,291 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | |

**Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | DevAppr | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ITL | ,188 | 20 | ,063 | ,842 | 20 | ,004 |
| TDD | ,160 | 20 | ,194 | ,927 | 20 | ,138 |
| Residuos | ITL | ,121 | 20 | ,200\* | ,921 | 20 | ,101 |
| TDD | ,160 | 20 | ,190 | ,923 | 20 | ,115 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | | |

**Tarea**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | Tarea1 | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | MR\_NS | ,278 | 10 | ,028 | ,747 | 10 | ,003 |
| MR\_S | ,303 | 10 | ,010 | ,873 | 10 | ,109 |
| BSK\_NS | ,180 | 12 | ,200\* | ,875 | 12 | ,077 |
| BSK\_S | ,298 | 8 | ,035 | ,819 | 8 | ,046 |
| Residuos | MR\_NS | ,203 | 10 | ,200\* | ,912 | 10 | ,292 |
| MR\_S | ,179 | 10 | ,200\* | ,935 | 10 | ,501 |
| BSK\_NS | ,123 | 12 | ,200\* | ,985 | 12 | ,996 |
| BSK\_S | ,215 | 8 | ,200\* | ,854 | 8 | ,105 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | | |

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

**5.1 AIC**

|  |  |
| --- | --- |
| **Criterios de informacióna** | |
| Logaritmo de la verosimilitud restringido -2 | 315,297 |
| Criterio de información Akaike (AIC) | 321,297 |
| Criterio de Hurvich y Tsai (AICC) | 322,154 |
| Criterio de Bozdogan (CAIC) | 328,694 |
| Criterio bayesiano de Schwarz (BIC) | 325,694 |
| 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 | 16,020 | 52,265 | ,000 |
| Tarea1 | 3 | 18,770 | 3,062 | ,053 |
| DevAppr | 1 | 14,990 | 5,834 | ,029 |
| Tarea1 \* DevAppr | 3 | 25,245 | 4,617 | ,010 |
| a. Variable dependiente: Productividad. | | | | |

**5.3 Comparación por parejas**

**Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| (I) DevAppr | (J) DevAppr | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | TDD | -17,656\* | 7,310 | 14,990 | ,029 | -33,237 | -2,075 |
| TDD | ITL | 17,656\* | 7,310 | 14,990 | ,029 | 2,075 | 33,237 |
| 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. | | | | | | | | |

**Tarea\*Enfoque de Desarrollo**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **4. Tarea1 \* DevAppra** | | | | | | |
| Tarea1 | DevAppr | Media | Error estándar | gl | Intervalo de confianza al 95% | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | 50,594 | 15,433 | 17,946 | 18,163 | 83,024 |
| TDD | 7,620 | 9,600 | 17,961 | -12,551 | 27,792 |
| MR\_S | ITL | 25,730 | 15,433 | 17,946 | -6,700 | 58,161 |
| TDD | 55,598 | 9,600 | 17,961 | 35,426 | 75,769 |
| BSK\_NS | ITL | 19,604 | 14,290 | 17,745 | -10,449 | 49,656 |
| TDD | 53,034 | 8,889 | 17,911 | 34,353 | 71,715 |
| BSK\_S | ITL | 38,900 | 17,004 | 17,931 | 3,165 | 74,634 |
| TDD | 89,199 | 10,577 | 17,786 | 66,957 | 111,440 |
| a. Variable dependiente: Productividad. | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Enfoque de desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| Tarea1 | (I) DevAppr | (J) DevAppr | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | TDD | 42,973\* | 18,175 | 27,747 | ,025 | 5,728 | 80,219 |
| TDD | ITL | -42,973\* | 18,175 | 27,747 | ,025 | -80,219 | -5,728 |
| MR\_S | ITL | TDD | -29,867 | 18,175 | 27,747 | ,112 | -67,113 | 7,378 |
| TDD | ITL | 29,867 | 18,175 | 27,747 | ,112 | -7,378 | 67,113 |
| BSK\_NS | ITL | TDD | -33,431 | 16,829 | 27,369 | ,057 | -67,939 | 1,077 |
| TDD | ITL | 33,431 | 16,829 | 27,369 | ,057 | -1,077 | 67,939 |
| BSK\_S | ITL | TDD | -50,299\* | 20,026 | 27,604 | ,018 | -91,346 | -9,252 |
| TDD | ITL | 50,299\* | 20,026 | 27,604 | ,018 | 9,252 | 91,346 |
| 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. | | | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Tarea**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| DevAppr | (I) Tarea1 | (J) Tarea1 | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | MR\_NS | MR\_S | 24,864 | 20,193 | 15,214 | 1,000 | -36,321 | 86,048 |
| BSK\_NS | 30,990 | 21,033 | 17,879 | ,948 | -31,375 | 93,356 |
| BSK\_S | 11,694 | 22,964 | 17,967 | 1,000 | -56,356 | 79,744 |
| MR\_S | MR\_NS | -24,864 | 20,193 | 15,214 | 1,000 | -86,048 | 36,321 |
| BSK\_NS | 6,127 | 21,033 | 17,879 | 1,000 | -56,239 | 68,492 |
| BSK\_S | -13,169 | 22,964 | 17,967 | 1,000 | -81,219 | 54,881 |
| BSK\_NS | MR\_NS | -30,990 | 21,033 | 17,879 | ,948 | -93,356 | 31,375 |
| MR\_S | -6,127 | 21,033 | 17,879 | 1,000 | -68,492 | 56,239 |
| BSK\_S | -19,296 | 20,610 | 15,214 | 1,000 | -81,742 | 43,150 |
| BSK\_S | MR\_NS | -11,694 | 22,964 | 17,967 | 1,000 | -79,744 | 56,356 |
| MR\_S | 13,169 | 22,964 | 17,967 | 1,000 | -54,881 | 81,219 |
| BSK\_NS | 19,296 | 20,610 | 15,214 | 1,000 | -43,150 | 81,742 |
| TDD | MR\_NS | MR\_S | -47,977\* | 12,561 | 14,590 | ,011 | -86,275 | -9,679 |
| BSK\_NS | -45,414\* | 13,083 | 17,964 | ,016 | -84,185 | -6,643 |
| BSK\_S | -81,578\* | 14,284 | 17,894 | ,000 | -123,929 | -39,227 |
| MR\_S | MR\_NS | 47,977\* | 12,561 | 14,590 | ,011 | 9,679 | 86,275 |
| BSK\_NS | 2,563 | 13,083 | 17,964 | 1,000 | -36,208 | 41,335 |
| BSK\_S | -33,601 | 14,284 | 17,894 | ,182 | -75,952 | 8,750 |
| BSK\_NS | MR\_NS | 45,414\* | 13,083 | 17,964 | ,016 | 6,643 | 84,185 |
| MR\_S | -2,563 | 13,083 | 17,964 | 1,000 | -41,335 | 36,208 |
| BSK\_S | -36,164 | 12,820 | 14,590 | ,079 | -75,252 | 2,923 |
| BSK\_S | MR\_NS | 81,578\* | 14,284 | 17,894 | ,000 | 39,227 | 123,929 |
| MR\_S | 33,601 | 14,284 | 17,894 | ,182 | -8,750 | 75,952 |
| BSK\_NS | 36,164 | 12,820 | 14,590 | ,079 | -2,923 | 75,252 |
| 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. | | | | | | | | |

**5.4 Pruebas de Normalidad**

**Productividad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ,139 | 40 | ,050 | ,895 | 40 | ,001 |
| Residuos | ,099 | 40 | ,200\* | ,978 | 40 | ,599 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | |

**Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | DevAppr | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ITL | ,188 | 20 | ,063 | ,842 | 20 | ,004 |
| TDD | ,160 | 20 | ,194 | ,927 | 20 | ,138 |
| Residuos | ITL | ,118 | 20 | ,200\* | ,959 | 20 | ,522 |
| TDD | ,149 | 20 | ,200\* | ,954 | 20 | ,437 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | | |

**Tarea**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | Tarea1 | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | MR\_NS | ,278 | 10 | ,028 | ,747 | 10 | ,003 |
| MR\_S | ,303 | 10 | ,010 | ,873 | 10 | ,109 |
| BSK\_NS | ,180 | 12 | ,200\* | ,875 | 12 | ,077 |
| BSK\_S | ,298 | 8 | ,035 | ,819 | 8 | ,046 |
| Residuos | MR\_NS | ,137 | 10 | ,200\* | ,925 | 10 | ,405 |
| MR\_S | ,188 | 10 | ,200\* | ,902 | 10 | ,233 |
| BSK\_NS | ,133 | 12 | ,200\* | ,981 | 12 | ,987 |
| BSK\_S | ,194 | 8 | ,200\* | ,871 | 8 | ,153 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | | |

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

**6.1 AIC**

|  |  |
| --- | --- |
| **Criterios de informacióna** | |
| Logaritmo de la verosimilitud restringido -2 | 319,583 |
| Criterio de información Akaike (AIC) | 323,583 |
| Criterio de Hurvich y Tsai (AICC) | 323,997 |
| Criterio de Bozdogan (CAIC) | 328,514 |
| Criterio bayesiano de Schwarz (BIC) | 326,514 |
| 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 | 16,268 | 53,076 | ,000 |
| Tarea1 | 3 | 20,465 | 3,036 | ,052 |
| DevAppr | 1 | 14,496 | 6,016 | ,027 |
| Tarea1 \* DevAppr | 3 | 28,341 | 4,223 | ,014 |
| a. Variable dependiente: Productividad. | | | | |

**6.3 Comparación por parejas**

**Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | |
| (I) DevAppr | (J) DevAppr | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | TDD | -18,093\* | 7,376 | 14,496 | ,027 | -33,864 | -2,323 |
| TDD | ITL | 18,093\* | 7,376 | 14,496 | ,027 | 2,323 | 33,864 |
| 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. | | | | | | | |

**Tarea\*Enfoque de Desarrollo**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **4. Tarea1 \* DevAppra** | | | | | | |
| Tarea1 | DevAppr | Media | Error estándar | gl | Intervalo de confianza al 95% | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | 46,881 | 13,015 | 31,997 | 20,370 | 73,392 |
| TDD | 6,454 | 13,015 | 31,997 | -20,057 | 32,965 |
| MR\_S | ITL | 29,443 | 13,015 | 31,997 | 2,932 | 55,954 |
| TDD | 56,764 | 13,015 | 31,997 | 30,253 | 83,275 |
| BSK\_NS | ITL | 21,951 | 12,005 | 31,797 | -2,508 | 46,410 |
| TDD | 51,882 | 12,005 | 31,797 | 27,423 | 76,341 |
| BSK\_S | ITL | 35,379 | 14,398 | 31,667 | 6,038 | 64,719 |
| TDD | 90,927 | 14,398 | 31,667 | 61,586 | 120,267 |
| a. Variable dependiente: Productividad. | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Tarea**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | | |
| Tarea1 | (I) DevAppr | (J) DevAppr | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| MR\_NS | ITL | TDD | 40,427\* | 18,406 | 31,997 | ,035 | 2,935 | 77,919 |
| TDD | ITL | -40,427\* | 18,406 | 31,997 | ,035 | -77,919 | -2,935 |
| MR\_S | ITL | TDD | -27,321 | 18,406 | 31,997 | ,148 | -64,813 | 10,171 |
| TDD | ITL | 27,321 | 18,406 | 31,997 | ,148 | -10,171 | 64,813 |
| BSK\_NS | ITL | TDD | -29,931 | 16,977 | 31,797 | ,088 | -64,522 | 4,659 |
| TDD | ITL | 29,931 | 16,977 | 31,797 | ,088 | -4,659 | 64,522 |
| BSK\_S | ITL | TDD | -55,548\* | 20,362 | 31,667 | ,010 | -97,041 | -14,055 |
| TDD | ITL | 55,548\* | 20,362 | 31,667 | ,010 | 14,055 | 97,041 |
| 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. | | | | | | | | | |

**Tarea\*Enfoque de Desarrollo Compara Enfoque de desarrollo**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaciones por parejasa** | | | | | | | | |
| DevAppr | (I) Tarea1 | (J) Tarea1 | Diferencia de medias (I-J) | Error estándar | gl | Sig.c | 95% de intervalo de confianza para diferenciac | |
| Límite inferior | Límite superior |
| ITL | MR\_NS | MR\_S | 17,438 | 17,416 | 25,221 | 1,000 | -32,420 | 67,297 |
| BSK\_NS | 24,930 | 17,706 | 31,968 | 1,000 | -24,869 | 74,729 |
| BSK\_S | 11,503 | 19,409 | 31,883 | 1,000 | -43,095 | 66,100 |
| MR\_S | MR\_NS | -17,438 | 17,416 | 25,221 | 1,000 | -67,297 | 32,420 |
| BSK\_NS | 7,492 | 17,706 | 31,968 | 1,000 | -42,307 | 57,291 |
| BSK\_S | -5,936 | 19,409 | 31,883 | 1,000 | -60,533 | 48,661 |
| BSK\_NS | MR\_NS | -24,930 | 17,706 | 31,968 | 1,000 | -74,729 | 24,869 |
| MR\_S | -7,492 | 17,706 | 31,968 | 1,000 | -57,291 | 42,307 |
| BSK\_S | -13,428 | 17,775 | 25,221 | 1,000 | -64,314 | 37,459 |
| BSK\_S | MR\_NS | -11,503 | 19,409 | 31,883 | 1,000 | -66,100 | 43,095 |
| MR\_S | 5,936 | 19,409 | 31,883 | 1,000 | -48,661 | 60,533 |
| BSK\_NS | 13,428 | 17,775 | 25,221 | 1,000 | -37,459 | 64,314 |
| TDD | MR\_NS | MR\_S | -50,310\* | 17,416 | 25,221 | ,047 | -100,168 | -,452 |
| BSK\_NS | -45,428 | 17,706 | 31,968 | ,091 | -95,227 | 4,371 |
| BSK\_S | -84,472\* | 19,409 | 31,883 | ,001 | -139,070 | -29,875 |
| MR\_S | MR\_NS | 50,310\* | 17,416 | 25,221 | ,047 | ,452 | 100,168 |
| BSK\_NS | 4,882 | 17,706 | 31,968 | 1,000 | -44,917 | 54,681 |
| BSK\_S | -34,163 | 19,409 | 31,883 | ,528 | -88,760 | 20,435 |
| BSK\_NS | MR\_NS | 45,428 | 17,706 | 31,968 | ,091 | -4,371 | 95,227 |
| MR\_S | -4,882 | 17,706 | 31,968 | 1,000 | -54,681 | 44,917 |
| BSK\_S | -39,044 | 17,775 | 25,221 | ,225 | -89,931 | 11,842 |
| BSK\_S | MR\_NS | 84,472\* | 19,409 | 31,883 | ,001 | 29,875 | 139,070 |
| MR\_S | 34,163 | 19,409 | 31,883 | ,528 | -20,435 | 88,760 |
| BSK\_NS | 39,044 | 17,775 | 25,221 | ,225 | -11,842 | 89,931 |
| 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**

**Productividad**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ,139 | 40 | ,050 | ,895 | 40 | ,001 |
| Residuos | ,101 | 40 | ,200\* | ,975 | 40 | ,508 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | |

**Enfoque de Desarrollo**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | DevAppr | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | ITL | ,188 | 20 | ,063 | ,842 | 20 | ,004 |
| TDD | ,160 | 20 | ,194 | ,927 | 20 | ,138 |
| Residuos | ITL | ,126 | 20 | ,200\* | ,943 | 20 | ,277 |
| TDD | ,134 | 20 | ,200\* | ,962 | 20 | ,579 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | | |

**Tarea**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pruebas de normalidad** | | | | | | | |
|  | Tarea1 | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Estadístico | gl | Sig. | Estadístico | gl | Sig. |
| Productividad | MR\_NS | ,278 | 10 | ,028 | ,747 | 10 | ,003 |
| MR\_S | ,303 | 10 | ,010 | ,873 | 10 | ,109 |
| BSK\_NS | ,180 | 12 | ,200\* | ,875 | 12 | ,077 |
| BSK\_S | ,298 | 8 | ,035 | ,819 | 8 | ,046 |
| Residuos | MR\_NS | ,149 | 10 | ,200\* | ,927 | 10 | ,422 |
| MR\_S | ,210 | 10 | ,200\* | ,916 | 10 | ,322 |
| BSK\_NS | ,117 | 12 | ,200\* | ,986 | 12 | ,997 |
| BSK\_S | ,228 | 8 | ,200\* | ,841 | 8 | ,078 |
| \*. Esto es un límite inferior de la significación verdadera. | | | | | | | |
| a. Corrección de significación de Lilliefors | | | | | | | |

**MIXED Productividad BY Sujeto Tarea1 DevAppr**

**/CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,**

**ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)**

**/FIXED=Tarea1 DevAppr Tarea1\*DevAppr | SSTYPE(3)**

**/METHOD=REML [ML]**

**/PRINT= G SOLUTION TESTCOV [Solution R]**

**/RANDOM=Sujeto | COVTYPE(ID) [INTERCEPT | SUBJECT(SUBJECT\_ID)]**

**/SAVE=RESID**

**/EMMEANS=TABLES(OVERALL)**

**/EMMEANS=TABLES(Tarea1) COMPARE ADJ(BONFERRONI)**

**/EMMEANS=TABLES(DevAppr) COMPARE ADJ(BONFERRONI)**

**/EMMEANS=TABLES(Tarea1\*DevAppr)**

**/EMMEANS=TABLES(Tarea1\*DevAppr) COMPARE(DevAppr) ADJ(BONFERRONI)**

**/EMMEANS=TABLES(Tarea1\*DevAppr) COMPARE(Tarea1) ADJ(BONFERRONI).**

**MIXED Productividad BY Sujeto Tarea1 DevAppr**

**/CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,**

**ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)**

**/FIXED=Tarea1 DevAppr Tarea1\*DevAppr | SSTYPE(3)**

**/METHOD= REML [ML]**

**/PRINT= G SOLUTION TESTCOV [Solution R]**

**/REPEATED=DevAppr | SUBJECT(Sujeto) COVTYPE(ID)**

**/SAVE=RESID**

**/EMMEANS=TABLES(OVERALL)**

**/EMMEANS=TABLES(Tarea1) COMPARE ADJ(BONFERRONI)**

**/EMMEANS=TABLES(DevAppr) COMPARE ADJ(BONFERRONI)**

**/EMMEANS=TABLES(Tarea1\*DevAppr)**

**/EMMEANS=TABLES(Tarea1\*DevAppr) COMPARE(DevAppr) ADJ(BONFERRONI)**

**/EMMEANS=TABLES(Tarea1\*DevAppr) COMPARE(Tarea1) ADJ(BONFERRONI)**

**Lo mio mas ML y SUBJECT(SUBJECT\_ID) que es lo mismo pero mas eficiente**