|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1)**  **ANOVA à 1 facteur** | | | | | |
| test\_pyscho | | | | | |
|  | Somme des carrés | ddl | Moyenne des carrés | F | Signification |
| Inter-groupes | 405,035 | 3 | 135,012 | 3,153 | ,043 |
| Intra-groupes | 1070,647 | 25 | 42,826 |  |  |
| Total | 1475,682 | 28 |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaisons multiples** | | | | | | | |
| Variable dépendante: test\_pyscho | | | | | | | |
|  | (I) VAR00001 | (J) VAR00001 | Différence de moyennes (I-J) | Erreur standard | Signification | Intervalle de confiance à 95% | |
|  | Borne inférieure | Borne supérieure |
| Test de Tukey | 1,00 | 2,00 | -6,67000 | 3,73074 | ,303 | -16,9319 | 3,5919 |
| 3,00 | -9,08750\* | 3,27207 | ,047 | -18,0878 | -,0872 |
| 4,00 | -8,20000 | 3,27207 | ,083 | -17,2003 | ,8003 |
| 2,00 | 1,00 | 6,67000 | 3,73074 | ,303 | -3,5919 | 16,9319 |
| 3,00 | -2,41750 | 3,73074 | ,915 | -12,6794 | 7,8444 |
| 4,00 | -1,53000 | 3,73074 | ,976 | -11,7919 | 8,7319 |
| 3,00 | 1,00 | 9,08750\* | 3,27207 | ,047 | ,0872 | 18,0878 |
| 2,00 | 2,41750 | 3,73074 | ,915 | -7,8444 | 12,6794 |
| 4,00 | ,88750 | 3,27207 | ,993 | -8,1128 | 9,8878 |
| 4,00 | 1,00 | 8,20000 | 3,27207 | ,083 | -,8003 | 17,2003 |
| 2,00 | 1,53000 | 3,73074 | ,976 | -8,7319 | 11,7919 |
| 3,00 | -,88750 | 3,27207 | ,993 | -9,8878 | 8,1128 |
| Scheffe | 1,00 | 2,00 | -6,67000 | 3,73074 | ,381 | -17,8459 | 4,5059 |
| 3,00 | -9,08750 | 3,27207 | ,077 | -18,8894 | ,7144 |
| 4,00 | -8,20000 | 3,27207 | ,127 | -18,0019 | 1,6019 |
| 2,00 | 1,00 | 6,67000 | 3,73074 | ,381 | -4,5059 | 17,8459 |
| 3,00 | -2,41750 | 3,73074 | ,935 | -13,5934 | 8,7584 |
| 4,00 | -1,53000 | 3,73074 | ,982 | -12,7059 | 9,6459 |
| 3,00 | 1,00 | 9,08750 | 3,27207 | ,077 | -,7144 | 18,8894 |
| 2,00 | 2,41750 | 3,73074 | ,935 | -8,7584 | 13,5934 |
| 4,00 | ,88750 | 3,27207 | ,995 | -8,9144 | 10,6894 |
| 4,00 | 1,00 | 8,20000 | 3,27207 | ,127 | -1,6019 | 18,0019 |
| 2,00 | 1,53000 | 3,73074 | ,982 | -9,6459 | 12,7059 |
| 3,00 | -,88750 | 3,27207 | ,995 | -10,6894 | 8,9144 |
| LSD | 1,00 | 2,00 | -6,67000 | 3,73074 | ,086 | -14,3536 | 1,0136 |
| 3,00 | -9,08750\* | 3,27207 | ,010 | -15,8265 | -2,3485 |
| 4,00 | -8,20000\* | 3,27207 | ,019 | -14,9390 | -1,4610 |
| 2,00 | 1,00 | 6,67000 | 3,73074 | ,086 | -1,0136 | 14,3536 |
| 3,00 | -2,41750 | 3,73074 | ,523 | -10,1011 | 5,2661 |
| 4,00 | -1,53000 | 3,73074 | ,685 | -9,2136 | 6,1536 |
| 3,00 | 1,00 | 9,08750\* | 3,27207 | ,010 | 2,3485 | 15,8265 |
| 2,00 | 2,41750 | 3,73074 | ,523 | -5,2661 | 10,1011 |
| 4,00 | ,88750 | 3,27207 | ,788 | -5,8515 | 7,6265 |
| 4,00 | 1,00 | 8,20000\* | 3,27207 | ,019 | 1,4610 | 14,9390 |
| 2,00 | 1,53000 | 3,73074 | ,685 | -6,1536 | 9,2136 |
| 3,00 | -,88750 | 3,27207 | ,788 | -7,6265 | 5,8515 |
| Bonferroni | 1,00 | 2,00 | -6,67000 | 3,73074 | ,516 | -17,3581 | 4,0181 |
| 3,00 | -9,08750 | 3,27207 | ,061 | -18,4616 | ,2866 |
| 4,00 | -8,20000 | 3,27207 | ,114 | -17,5741 | 1,1741 |
| 2,00 | 1,00 | 6,67000 | 3,73074 | ,516 | -4,0181 | 17,3581 |
| 3,00 | -2,41750 | 3,73074 | 1,000 | -13,1056 | 8,2706 |
| 4,00 | -1,53000 | 3,73074 | 1,000 | -12,2181 | 9,1581 |
| 3,00 | 1,00 | 9,08750 | 3,27207 | ,061 | -,2866 | 18,4616 |
| 2,00 | 2,41750 | 3,73074 | 1,000 | -8,2706 | 13,1056 |
| 4,00 | ,88750 | 3,27207 | 1,000 | -8,4866 | 10,2616 |
| 4,00 | 1,00 | 8,20000 | 3,27207 | ,114 | -1,1741 | 17,5741 |
| 2,00 | 1,53000 | 3,73074 | 1,000 | -9,1581 | 12,2181 |
| 3,00 | -,88750 | 3,27207 | 1,000 | -10,2616 | 8,4866 |
| Sidak | 1,00 | 2,00 | -6,67000 | 3,73074 | ,417 | -17,3246 | 3,9846 |
| 3,00 | -9,08750 | 3,27207 | ,060 | -18,4322 | ,2572 |
| 4,00 | -8,20000 | 3,27207 | ,109 | -17,5447 | 1,1447 |
| 2,00 | 1,00 | 6,67000 | 3,73074 | ,417 | -3,9846 | 17,3246 |
| 3,00 | -2,41750 | 3,73074 | ,988 | -13,0721 | 8,2371 |
| 4,00 | -1,53000 | 3,73074 | ,999 | -12,1846 | 9,1246 |
| 3,00 | 1,00 | 9,08750 | 3,27207 | ,060 | -,2572 | 18,4322 |
| 2,00 | 2,41750 | 3,73074 | ,988 | -8,2371 | 13,0721 |
| 4,00 | ,88750 | 3,27207 | 1,000 | -8,4572 | 10,2322 |
| 4,00 | 1,00 | 8,20000 | 3,27207 | ,109 | -1,1447 | 17,5447 |
| 2,00 | 1,53000 | 3,73074 | ,999 | -9,1246 | 12,1846 |
| 3,00 | -,88750 | 3,27207 | 1,000 | -10,2322 | 8,4572 |
| Gabriel | 1,00 | 2,00 | -6,67000 | 3,73074 | ,389 | -17,1989 | 3,8589 |
| 3,00 | -9,08750 | 3,27207 | ,058 | -18,3849 | ,2099 |
| 4,00 | -8,20000 | 3,27207 | ,105 | -17,4974 | 1,0974 |
| 2,00 | 1,00 | 6,67000 | 3,73074 | ,389 | -3,8589 | 17,1989 |
| 3,00 | -2,41750 | 3,73074 | ,985 | -12,9464 | 8,1114 |
| 4,00 | -1,53000 | 3,73074 | ,999 | -12,0589 | 8,9989 |
| 3,00 | 1,00 | 9,08750 | 3,27207 | ,058 | -,2099 | 18,3849 |
| 2,00 | 2,41750 | 3,73074 | ,985 | -8,1114 | 12,9464 |
| 4,00 | ,88750 | 3,27207 | 1,000 | -8,4099 | 10,1849 |
| 4,00 | 1,00 | 8,20000 | 3,27207 | ,105 | -1,0974 | 17,4974 |
| 2,00 | 1,53000 | 3,73074 | ,999 | -8,9989 | 12,0589 |
| 3,00 | -,88750 | 3,27207 | 1,000 | -10,1849 | 8,4099 |
| Hochberg | 1,00 | 2,00 | -6,67000 | 3,73074 | ,397 | -17,2706 | 3,9306 |
| 3,00 | -9,08750 | 3,27207 | ,058 | -18,3849 | ,2099 |
| 4,00 | -8,20000 | 3,27207 | ,105 | -17,4974 | 1,0974 |
| 2,00 | 1,00 | 6,67000 | 3,73074 | ,397 | -3,9306 | 17,2706 |
| 3,00 | -2,41750 | 3,73074 | ,985 | -13,0181 | 8,1831 |
| 4,00 | -1,53000 | 3,73074 | ,999 | -12,1306 | 9,0706 |
| 3,00 | 1,00 | 9,08750 | 3,27207 | ,058 | -,2099 | 18,3849 |
| 2,00 | 2,41750 | 3,73074 | ,985 | -8,1831 | 13,0181 |
| 4,00 | ,88750 | 3,27207 | 1,000 | -8,4099 | 10,1849 |
| 4,00 | 1,00 | 8,20000 | 3,27207 | ,105 | -1,0974 | 17,4974 |
| 2,00 | 1,53000 | 3,73074 | ,999 | -9,0706 | 12,1306 |
| 3,00 | -,88750 | 3,27207 | 1,000 | -10,1849 | 8,4099 |
| Tamhane | 1,00 | 2,00 | -6,67000 | 3,05180 | ,271 | -16,4258 | 3,0858 |
| 3,00 | -9,08750 | 3,47994 | ,117 | -19,7325 | 1,5575 |
| 4,00 | -8,20000 | 3,39832 | ,168 | -18,5923 | 2,1923 |
| 2,00 | 1,00 | 6,67000 | 3,05180 | ,271 | -3,0858 | 16,4258 |
| 3,00 | -2,41750 | 3,13549 | ,974 | -12,4394 | 7,6044 |
| 4,00 | -1,53000 | 3,04465 | ,997 | -11,2634 | 8,2034 |
| 3,00 | 1,00 | 9,08750 | 3,47994 | ,117 | -1,5575 | 19,7325 |
| 2,00 | 2,41750 | 3,13549 | ,974 | -7,6044 | 12,4394 |
| 4,00 | ,88750 | 3,47367 | 1,000 | -9,7389 | 11,5139 |
| 4,00 | 1,00 | 8,20000 | 3,39832 | ,168 | -2,1923 | 18,5923 |
| 2,00 | 1,53000 | 3,04465 | ,997 | -8,2034 | 11,2634 |
| 3,00 | -,88750 | 3,47367 | 1,000 | -11,5139 | 9,7389 |
| T3 de Dunnett | 1,00 | 2,00 | -6,67000 | 3,05180 | ,242 | -16,2590 | 2,9190 |
| 3,00 | -9,08750 | 3,47994 | ,108 | -19,6075 | 1,4325 |
| 4,00 | -8,20000 | 3,39832 | ,154 | -18,4706 | 2,0706 |
| 2,00 | 1,00 | 6,67000 | 3,05180 | ,242 | -2,9190 | 16,2590 |
| 3,00 | -2,41750 | 3,13549 | ,962 | -12,2682 | 7,4332 |
| 4,00 | -1,53000 | 3,04465 | ,995 | -11,0969 | 8,0369 |
| 3,00 | 1,00 | 9,08750 | 3,47994 | ,108 | -1,4325 | 19,6075 |
| 2,00 | 2,41750 | 3,13549 | ,962 | -7,4332 | 12,2682 |
| 4,00 | ,88750 | 3,47367 | 1,000 | -9,6140 | 11,3890 |
| 4,00 | 1,00 | 8,20000 | 3,39832 | ,154 | -2,0706 | 18,4706 |
| 2,00 | 1,53000 | 3,04465 | ,995 | -8,0369 | 11,0969 |
| 3,00 | -,88750 | 3,47367 | 1,000 | -11,3890 | 9,6140 |
| Games-Howell | 1,00 | 2,00 | -6,67000 | 3,05180 | ,187 | -15,8558 | 2,5158 |
| 3,00 | -9,08750 | 3,47994 | ,085 | -19,2045 | 1,0295 |
| 4,00 | -8,20000 | 3,39832 | ,120 | -18,0775 | 1,6775 |
| 2,00 | 1,00 | 6,67000 | 3,05180 | ,187 | -2,5158 | 15,8558 |
| 3,00 | -2,41750 | 3,13549 | ,866 | -11,8541 | 7,0191 |
| 4,00 | -1,53000 | 3,04465 | ,957 | -10,6946 | 7,6346 |
| 3,00 | 1,00 | 9,08750 | 3,47994 | ,085 | -1,0295 | 19,2045 |
| 2,00 | 2,41750 | 3,13549 | ,866 | -7,0191 | 11,8541 |
| 4,00 | ,88750 | 3,47367 | ,994 | -9,2117 | 10,9867 |
| 4,00 | 1,00 | 8,20000 | 3,39832 | ,120 | -1,6775 | 18,0775 |
| 2,00 | 1,53000 | 3,04465 | ,957 | -7,6346 | 10,6946 |
| 3,00 | -,88750 | 3,47367 | ,994 | -10,9867 | 9,2117 |
| C de Dunnett | 1,00 | 2,00 | -6,67000 | 3,05180 |  | -17,6487 | 4,3087 |
| 3,00 | -9,08750 | 3,47994 |  | -20,6067 | 2,4317 |
| 4,00 | -8,20000 | 3,39832 |  | -19,4490 | 3,0490 |
| 2,00 | 1,00 | 6,67000 | 3,05180 |  | -4,3087 | 17,6487 |
| 3,00 | -2,41750 | 3,13549 |  | -13,6498 | 8,8148 |
| 4,00 | -1,53000 | 3,04465 |  | -12,4871 | 9,4271 |
| 3,00 | 1,00 | 9,08750 | 3,47994 |  | -2,4317 | 20,6067 |
| 2,00 | 2,41750 | 3,13549 |  | -8,8148 | 13,6498 |
| 4,00 | ,88750 | 3,47367 |  | -10,6109 | 12,3859 |
| 4,00 | 1,00 | 8,20000 | 3,39832 |  | -3,0490 | 19,4490 |
| 2,00 | 1,53000 | 3,04465 |  | -9,4271 | 12,4871 |
| 3,00 | -,88750 | 3,47367 |  | -12,3859 | 10,6109 |
| t de Dunnett (bilatéral)b | 1,00 | 4,00 | -8,20000 | 3,27207 | ,050 | -16,4077 | ,0077 |
| 2,00 | 4,00 | -1,53000 | 3,73074 | ,958 | -10,8882 | 7,8282 |
| 3,00 | 4,00 | ,88750 | 3,27207 | ,987 | -7,3202 | 9,0952 |
| \*. La différence moyenne est significative au niveau 0.05. | | | | | | | |
| b. Les tests du t de Dunnett traitent un groupe comme contrôle et lui comparent tous les autres groupes. | | | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **2)**  **ANOVA à 1 facteur** | | | | | |
| evaluation eneaymatique de grossesse | | | | | |
|  | Somme des carrés | ddl | Moyenne des carrés | F | Signification |
| Inter-groupes | 47,057 | 4 | 11,764 | 4,184 | ,005 |
| Intra-groupes | 149,009 | 53 | 2,811 |  |  |
| Total | 196,066 | 57 |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaisons multiples** | | | | | | | |
| Variable dépendante: evaluation eneaymatique de grossesse | | | | | | | |
|  | (I) VAR00001 | (J) VAR00001 | Différence de moyennes (I-J) | Erreur standard | Signification | Intervalle de confiance à 95% | |
|  | Borne inférieure | Borne supérieure |
| Test de Tukey | 1,00 | 2,00 | -,14000 | ,71794 | 1,000 | -2,1674 | 1,8874 |
| 3,00 | -1,83333 | ,68453 | ,071 | -3,7664 | ,0997 |
| 4,00 | -,66833 | ,68453 | ,865 | -2,6014 | 1,2647 |
| 5,00 | -2,22500\* | ,68453 | ,016 | -4,1580 | -,2920 |
| 2,00 | 1,00 | ,14000 | ,71794 | 1,000 | -1,8874 | 2,1674 |
| 3,00 | -1,69333 | ,71794 | ,143 | -3,7207 | ,3341 |
| 4,00 | -,52833 | ,71794 | ,947 | -2,5557 | 1,4991 |
| 5,00 | -2,08500\* | ,71794 | ,041 | -4,1124 | -,0576 |
| 3,00 | 1,00 | 1,83333 | ,68453 | ,071 | -,0997 | 3,7664 |
| 2,00 | 1,69333 | ,71794 | ,143 | -,3341 | 3,7207 |
| 4,00 | 1,16500 | ,68453 | ,442 | -,7680 | 3,0980 |
| 5,00 | -,39167 | ,68453 | ,979 | -2,3247 | 1,5414 |
| 4,00 | 1,00 | ,66833 | ,68453 | ,865 | -1,2647 | 2,6014 |
| 2,00 | ,52833 | ,71794 | ,947 | -1,4991 | 2,5557 |
| 3,00 | -1,16500 | ,68453 | ,442 | -3,0980 | ,7680 |
| 5,00 | -1,55667 | ,68453 | ,170 | -3,4897 | ,3764 |
| 5,00 | 1,00 | 2,22500\* | ,68453 | ,016 | ,2920 | 4,1580 |
| 2,00 | 2,08500\* | ,71794 | ,041 | ,0576 | 4,1124 |
| 3,00 | ,39167 | ,68453 | ,979 | -1,5414 | 2,3247 |
| 4,00 | 1,55667 | ,68453 | ,170 | -,3764 | 3,4897 |
| Scheffe | 1,00 | 2,00 | -,14000 | ,71794 | 1,000 | -2,4312 | 2,1512 |
| 3,00 | -1,83333 | ,68453 | ,144 | -4,0180 | ,3513 |
| 4,00 | -,66833 | ,68453 | ,915 | -2,8530 | 1,5163 |
| 5,00 | -2,22500\* | ,68453 | ,044 | -4,4096 | -,0404 |
| 2,00 | 1,00 | ,14000 | ,71794 | 1,000 | -2,1512 | 2,4312 |
| 3,00 | -1,69333 | ,71794 | ,250 | -3,9846 | ,5979 |
| 4,00 | -,52833 | ,71794 | ,969 | -2,8196 | 1,7629 |
| 5,00 | -2,08500 | ,71794 | ,093 | -4,3762 | ,2062 |
| 3,00 | 1,00 | 1,83333 | ,68453 | ,144 | -,3513 | 4,0180 |
| 2,00 | 1,69333 | ,71794 | ,250 | -,5979 | 3,9846 |
| 4,00 | 1,16500 | ,68453 | ,579 | -1,0196 | 3,3496 |
| 5,00 | -,39167 | ,68453 | ,988 | -2,5763 | 1,7930 |
| 4,00 | 1,00 | ,66833 | ,68453 | ,915 | -1,5163 | 2,8530 |
| 2,00 | ,52833 | ,71794 | ,969 | -1,7629 | 2,8196 |
| 3,00 | -1,16500 | ,68453 | ,579 | -3,3496 | 1,0196 |
| 5,00 | -1,55667 | ,68453 | ,285 | -3,7413 | ,6280 |
| 5,00 | 1,00 | 2,22500\* | ,68453 | ,044 | ,0404 | 4,4096 |
| 2,00 | 2,08500 | ,71794 | ,093 | -,2062 | 4,3762 |
| 3,00 | ,39167 | ,68453 | ,988 | -1,7930 | 2,5763 |
| 4,00 | 1,55667 | ,68453 | ,285 | -,6280 | 3,7413 |
| LSD | 1,00 | 2,00 | -,14000 | ,71794 | ,846 | -1,5800 | 1,3000 |
| 3,00 | -1,83333\* | ,68453 | ,010 | -3,2063 | -,4603 |
| 4,00 | -,66833 | ,68453 | ,333 | -2,0413 | ,7047 |
| 5,00 | -2,22500\* | ,68453 | ,002 | -3,5980 | -,8520 |
| 2,00 | 1,00 | ,14000 | ,71794 | ,846 | -1,3000 | 1,5800 |
| 3,00 | -1,69333\* | ,71794 | ,022 | -3,1333 | -,2533 |
| 4,00 | -,52833 | ,71794 | ,465 | -1,9683 | ,9117 |
| 5,00 | -2,08500\* | ,71794 | ,005 | -3,5250 | -,6450 |
| 3,00 | 1,00 | 1,83333\* | ,68453 | ,010 | ,4603 | 3,2063 |
| 2,00 | 1,69333\* | ,71794 | ,022 | ,2533 | 3,1333 |
| 4,00 | 1,16500 | ,68453 | ,095 | -,2080 | 2,5380 |
| 5,00 | -,39167 | ,68453 | ,570 | -1,7647 | ,9813 |
| 4,00 | 1,00 | ,66833 | ,68453 | ,333 | -,7047 | 2,0413 |
| 2,00 | ,52833 | ,71794 | ,465 | -,9117 | 1,9683 |
| 3,00 | -1,16500 | ,68453 | ,095 | -2,5380 | ,2080 |
| 5,00 | -1,55667\* | ,68453 | ,027 | -2,9297 | -,1837 |
| 5,00 | 1,00 | 2,22500\* | ,68453 | ,002 | ,8520 | 3,5980 |
| 2,00 | 2,08500\* | ,71794 | ,005 | ,6450 | 3,5250 |
| 3,00 | ,39167 | ,68453 | ,570 | -,9813 | 1,7647 |
| 4,00 | 1,55667\* | ,68453 | ,027 | ,1837 | 2,9297 |
| Bonferroni | 1,00 | 2,00 | -,14000 | ,71794 | 1,000 | -2,2431 | 1,9631 |
| 3,00 | -1,83333 | ,68453 | ,098 | -3,8385 | ,1719 |
| 4,00 | -,66833 | ,68453 | 1,000 | -2,6735 | 1,3369 |
| 5,00 | -2,22500\* | ,68453 | ,020 | -4,2302 | -,2198 |
| 2,00 | 1,00 | ,14000 | ,71794 | 1,000 | -1,9631 | 2,2431 |
| 3,00 | -1,69333 | ,71794 | ,221 | -3,7964 | ,4097 |
| 4,00 | -,52833 | ,71794 | 1,000 | -2,6314 | 1,5747 |
| 5,00 | -2,08500 | ,71794 | ,054 | -4,1881 | ,0181 |
| 3,00 | 1,00 | 1,83333 | ,68453 | ,098 | -,1719 | 3,8385 |
| 2,00 | 1,69333 | ,71794 | ,221 | -,4097 | 3,7964 |
| 4,00 | 1,16500 | ,68453 | ,946 | -,8402 | 3,1702 |
| 5,00 | -,39167 | ,68453 | 1,000 | -2,3969 | 1,6135 |
| 4,00 | 1,00 | ,66833 | ,68453 | 1,000 | -1,3369 | 2,6735 |
| 2,00 | ,52833 | ,71794 | 1,000 | -1,5747 | 2,6314 |
| 3,00 | -1,16500 | ,68453 | ,946 | -3,1702 | ,8402 |
| 5,00 | -1,55667 | ,68453 | ,270 | -3,5619 | ,4485 |
| 5,00 | 1,00 | 2,22500\* | ,68453 | ,020 | ,2198 | 4,2302 |
| 2,00 | 2,08500 | ,71794 | ,054 | -,0181 | 4,1881 |
| 3,00 | ,39167 | ,68453 | 1,000 | -1,6135 | 2,3969 |
| 4,00 | 1,55667 | ,68453 | ,270 | -,4485 | 3,5619 |
| Sidak | 1,00 | 2,00 | -,14000 | ,71794 | 1,000 | -2,2371 | 1,9571 |
| 3,00 | -1,83333 | ,68453 | ,094 | -3,8328 | ,1662 |
| 4,00 | -,66833 | ,68453 | ,983 | -2,6678 | 1,3312 |
| 5,00 | -2,22500\* | ,68453 | ,020 | -4,2245 | -,2255 |
| 2,00 | 1,00 | ,14000 | ,71794 | 1,000 | -1,9571 | 2,2371 |
| 3,00 | -1,69333 | ,71794 | ,200 | -3,7904 | ,4038 |
| 4,00 | -,52833 | ,71794 | ,998 | -2,6254 | 1,5688 |
| 5,00 | -2,08500 | ,71794 | ,052 | -4,1821 | ,0121 |
| 3,00 | 1,00 | 1,83333 | ,68453 | ,094 | -,1662 | 3,8328 |
| 2,00 | 1,69333 | ,71794 | ,200 | -,4038 | 3,7904 |
| 4,00 | 1,16500 | ,68453 | ,630 | -,8345 | 3,1645 |
| 5,00 | -,39167 | ,68453 | 1,000 | -2,3912 | 1,6078 |
| 4,00 | 1,00 | ,66833 | ,68453 | ,983 | -1,3312 | 2,6678 |
| 2,00 | ,52833 | ,71794 | ,998 | -1,5688 | 2,6254 |
| 3,00 | -1,16500 | ,68453 | ,630 | -3,1645 | ,8345 |
| 5,00 | -1,55667 | ,68453 | ,240 | -3,5562 | ,4428 |
| 5,00 | 1,00 | 2,22500\* | ,68453 | ,020 | ,2255 | 4,2245 |
| 2,00 | 2,08500 | ,71794 | ,052 | -,0121 | 4,1821 |
| 3,00 | ,39167 | ,68453 | 1,000 | -1,6078 | 2,3912 |
| 4,00 | 1,55667 | ,68453 | ,240 | -,4428 | 3,5562 |
| Gabriel | 1,00 | 2,00 | -,14000 | ,71794 | 1,000 | -2,2298 | 1,9498 |
| 3,00 | -1,83333 | ,68453 | ,092 | -3,8279 | ,1612 |
| 4,00 | -,66833 | ,68453 | ,979 | -2,6629 | 1,3262 |
| 5,00 | -2,22500\* | ,68453 | ,020 | -4,2196 | -,2304 |
| 2,00 | 1,00 | ,14000 | ,71794 | 1,000 | -1,9498 | 2,2298 |
| 3,00 | -1,69333 | ,71794 | ,192 | -3,7831 | ,3964 |
| 4,00 | -,52833 | ,71794 | ,997 | -2,6181 | 1,5614 |
| 5,00 | -2,08500 | ,71794 | ,051 | -4,1748 | ,0048 |
| 3,00 | 1,00 | 1,83333 | ,68453 | ,092 | -,1612 | 3,8279 |
| 2,00 | 1,69333 | ,71794 | ,192 | -,3964 | 3,7831 |
| 4,00 | 1,16500 | ,68453 | ,610 | -,8296 | 3,1596 |
| 5,00 | -,39167 | ,68453 | 1,000 | -2,3862 | 1,6029 |
| 4,00 | 1,00 | ,66833 | ,68453 | ,979 | -1,3262 | 2,6629 |
| 2,00 | ,52833 | ,71794 | ,997 | -1,5614 | 2,6181 |
| 3,00 | -1,16500 | ,68453 | ,610 | -3,1596 | ,8296 |
| 5,00 | -1,55667 | ,68453 | ,232 | -3,5512 | ,4379 |
| 5,00 | 1,00 | 2,22500\* | ,68453 | ,020 | ,2304 | 4,2196 |
| 2,00 | 2,08500 | ,71794 | ,051 | -,0048 | 4,1748 |
| 3,00 | ,39167 | ,68453 | 1,000 | -1,6029 | 2,3862 |
| 4,00 | 1,55667 | ,68453 | ,232 | -,4379 | 3,5512 |
| Hochberg | 1,00 | 2,00 | -,14000 | ,71794 | 1,000 | -2,2319 | 1,9519 |
| 3,00 | -1,83333 | ,68453 | ,092 | -3,8279 | ,1612 |
| 4,00 | -,66833 | ,68453 | ,979 | -2,6629 | 1,3262 |
| 5,00 | -2,22500\* | ,68453 | ,020 | -4,2196 | -,2304 |
| 2,00 | 1,00 | ,14000 | ,71794 | 1,000 | -1,9519 | 2,2319 |
| 3,00 | -1,69333 | ,71794 | ,194 | -3,7853 | ,3986 |
| 4,00 | -,52833 | ,71794 | ,997 | -2,6203 | 1,5636 |
| 5,00 | -2,08500 | ,71794 | ,051 | -4,1769 | ,0069 |
| 3,00 | 1,00 | 1,83333 | ,68453 | ,092 | -,1612 | 3,8279 |
| 2,00 | 1,69333 | ,71794 | ,194 | -,3986 | 3,7853 |
| 4,00 | 1,16500 | ,68453 | ,610 | -,8296 | 3,1596 |
| 5,00 | -,39167 | ,68453 | 1,000 | -2,3862 | 1,6029 |
| 4,00 | 1,00 | ,66833 | ,68453 | ,979 | -1,3262 | 2,6629 |
| 2,00 | ,52833 | ,71794 | ,997 | -1,5636 | 2,6203 |
| 3,00 | -1,16500 | ,68453 | ,610 | -3,1596 | ,8296 |
| 5,00 | -1,55667 | ,68453 | ,232 | -3,5512 | ,4379 |
| 5,00 | 1,00 | 2,22500\* | ,68453 | ,020 | ,2304 | 4,2196 |
| 2,00 | 2,08500 | ,71794 | ,051 | -,0069 | 4,1769 |
| 3,00 | ,39167 | ,68453 | 1,000 | -1,6029 | 2,3862 |
| 4,00 | 1,55667 | ,68453 | ,232 | -,4379 | 3,5512 |
| Tamhane | 1,00 | 2,00 | -,14000 | ,46697 | 1,000 | -1,6079 | 1,3279 |
| 3,00 | -1,83333\* | ,57053 | ,042 | -3,6222 | -,0445 |
| 4,00 | -,66833 | ,51239 | ,900 | -2,2633 | ,9266 |
| 5,00 | -2,22500 | ,84110 | ,168 | -4,9729 | ,5229 |
| 2,00 | 1,00 | ,14000 | ,46697 | 1,000 | -1,3279 | 1,6079 |
| 3,00 | -1,69333 | ,55535 | ,065 | -3,4522 | ,0656 |
| 4,00 | -,52833 | ,49544 | ,971 | -2,0869 | 1,0302 |
| 5,00 | -2,08500 | ,83088 | ,219 | -4,8200 | ,6500 |
| 3,00 | 1,00 | 1,83333\* | ,57053 | ,042 | ,0445 | 3,6222 |
| 2,00 | 1,69333 | ,55535 | ,065 | -,0656 | 3,4522 |
| 4,00 | 1,16500 | ,59405 | ,479 | -,6884 | 3,0184 |
| 5,00 | -,39167 | ,89319 | 1,000 | -3,2397 | 2,4564 |
| 4,00 | 1,00 | ,66833 | ,51239 | ,900 | -,9266 | 2,2633 |
| 2,00 | ,52833 | ,49544 | ,971 | -1,0302 | 2,0869 |
| 3,00 | -1,16500 | ,59405 | ,479 | -3,0184 | ,6884 |
| 5,00 | -1,55667 | ,85723 | ,602 | -4,3324 | 1,2190 |
| 5,00 | 1,00 | 2,22500 | ,84110 | ,168 | -,5229 | 4,9729 |
| 2,00 | 2,08500 | ,83088 | ,219 | -,6500 | 4,8200 |
| 3,00 | ,39167 | ,89319 | 1,000 | -2,4564 | 3,2397 |
| 4,00 | 1,55667 | ,85723 | ,602 | -1,2190 | 4,3324 |
| T3 de Dunnett | 1,00 | 2,00 | -,14000 | ,46697 | 1,000 | -1,5942 | 1,3142 |
| 3,00 | -1,83333\* | ,57053 | ,040 | -3,6060 | -,0607 |
| 4,00 | -,66833 | ,51239 | ,867 | -2,2501 | ,9135 |
| 5,00 | -2,22500 | ,84110 | ,149 | -4,9339 | ,4839 |
| 2,00 | 1,00 | ,14000 | ,46697 | 1,000 | -1,3142 | 1,5942 |
| 3,00 | -1,69333 | ,55535 | ,060 | -3,4343 | ,0476 |
| 4,00 | -,52833 | ,49544 | ,955 | -2,0722 | 1,0155 |
| 5,00 | -2,08500 | ,83088 | ,193 | -4,7783 | ,6083 |
| 3,00 | 1,00 | 1,83333\* | ,57053 | ,040 | ,0607 | 3,6060 |
| 2,00 | 1,69333 | ,55535 | ,060 | -,0476 | 3,4343 |
| 4,00 | 1,16500 | ,59405 | ,438 | -,6726 | 3,0026 |
| 5,00 | -,39167 | ,89319 | 1,000 | -3,2083 | 2,4249 |
| 4,00 | 1,00 | ,66833 | ,51239 | ,867 | -,9135 | 2,2501 |
| 2,00 | ,52833 | ,49544 | ,955 | -1,0155 | 2,0722 |
| 3,00 | -1,16500 | ,59405 | ,438 | -3,0026 | ,6726 |
| 5,00 | -1,55667 | ,85723 | ,541 | -4,2963 | 1,1830 |
| 5,00 | 1,00 | 2,22500 | ,84110 | ,149 | -,4839 | 4,9339 |
| 2,00 | 2,08500 | ,83088 | ,193 | -,6083 | 4,7783 |
| 3,00 | ,39167 | ,89319 | 1,000 | -2,4249 | 3,2083 |
| 4,00 | 1,55667 | ,85723 | ,541 | -1,1830 | 4,2963 |
| Games-Howell | 1,00 | 2,00 | -,14000 | ,46697 | ,998 | -1,5374 | 1,2574 |
| 3,00 | -1,83333\* | ,57053 | ,031 | -3,5372 | -,1294 |
| 4,00 | -,66833 | ,51239 | ,691 | -2,1900 | ,8533 |
| 5,00 | -2,22500 | ,84110 | ,111 | -4,8176 | ,3676 |
| 2,00 | 1,00 | ,14000 | ,46697 | ,998 | -1,2574 | 1,5374 |
| 3,00 | -1,69333\* | ,55535 | ,046 | -3,3649 | -,0217 |
| 4,00 | -,52833 | ,49544 | ,821 | -2,0118 | ,9551 |
| 5,00 | -2,08500 | ,83088 | ,142 | -4,6607 | ,4907 |
| 3,00 | 1,00 | 1,83333\* | ,57053 | ,031 | ,1294 | 3,5372 |
| 2,00 | 1,69333\* | ,55535 | ,046 | ,0217 | 3,3649 |
| 4,00 | 1,16500 | ,59405 | ,318 | -,6023 | 2,9323 |
| 5,00 | -,39167 | ,89319 | ,992 | -3,0941 | 2,3108 |
| 4,00 | 1,00 | ,66833 | ,51239 | ,691 | -,8533 | 2,1900 |
| 2,00 | ,52833 | ,49544 | ,821 | -,9551 | 2,0118 |
| 3,00 | -1,16500 | ,59405 | ,318 | -2,9323 | ,6023 |
| 5,00 | -1,55667 | ,85723 | ,398 | -4,1810 | 1,0677 |
| 5,00 | 1,00 | 2,22500 | ,84110 | ,111 | -,3676 | 4,8176 |
| 2,00 | 2,08500 | ,83088 | ,142 | -,4907 | 4,6607 |
| 3,00 | ,39167 | ,89319 | ,992 | -2,3108 | 3,0941 |
| 4,00 | 1,55667 | ,85723 | ,398 | -1,0677 | 4,1810 |
| C de Dunnett | 1,00 | 2,00 | -,14000 | ,46697 |  | -1,6779 | 1,3979 |
| 3,00 | -1,83333 | ,57053 |  | -3,6784 | ,0118 |
| 4,00 | -,66833 | ,51239 |  | -2,3254 | ,9888 |
| 5,00 | -2,22500 | ,84110 |  | -4,9451 | ,4951 |
| 2,00 | 1,00 | ,14000 | ,46697 |  | -1,3979 | 1,6779 |
| 3,00 | -1,69333 | ,55535 |  | -3,5126 | ,1260 |
| 4,00 | -,52833 | ,49544 |  | -2,1567 | 1,1000 |
| 5,00 | -2,08500 | ,83088 |  | -4,7876 | ,6176 |
| 3,00 | 1,00 | 1,83333 | ,57053 |  | -,0118 | 3,6784 |
| 2,00 | 1,69333 | ,55535 |  | -,1260 | 3,5126 |
| 4,00 | 1,16500 | ,59405 |  | -,7562 | 3,0862 |
| 5,00 | -,39167 | ,89319 |  | -3,2803 | 2,4969 |
| 4,00 | 1,00 | ,66833 | ,51239 |  | -,9888 | 2,3254 |
| 2,00 | ,52833 | ,49544 |  | -1,1000 | 2,1567 |
| 3,00 | -1,16500 | ,59405 |  | -3,0862 | ,7562 |
| 5,00 | -1,55667 | ,85723 |  | -4,3290 | 1,2156 |
| 5,00 | 1,00 | 2,22500 | ,84110 |  | -,4951 | 4,9451 |
| 2,00 | 2,08500 | ,83088 |  | -,6176 | 4,7876 |
| 3,00 | ,39167 | ,89319 |  | -2,4969 | 3,2803 |
| 4,00 | 1,55667 | ,85723 |  | -1,2156 | 4,3290 |
| t de Dunnett (bilatéral)b | 1,00 | 5,00 | -2,22500\* | ,68453 | ,007 | -3,9502 | -,4998 |
| 2,00 | 5,00 | -2,08500\* | ,71794 | ,019 | -3,8944 | -,2756 |
| 3,00 | 5,00 | -,39167 | ,68453 | ,944 | -2,1169 | 1,3336 |
| 4,00 | 5,00 | -1,55667 | ,68453 | ,088 | -3,2819 | ,1686 |
| \*. La différence moyenne est significative au niveau 0.05. | | | | | | | |
| b. Les tests du t de Dunnett traitent un groupe comme contrôle et lui comparent tous les autres groupes. | | | | | | | |

3)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| Vérification de bacteries | | | | | |
|  | Somme des carrés | ddl | Carré moyen | F | Sig. |
| Intergroupes | 94,964 | 3 | 31,655 | ,525 | ,669 |
| Intragroupes | 1446,000 | 24 | 60,250 |  |  |
| Total | 1540,964 | 27 |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaisons multiples :** | | | | | | | | | | | |
| Variable dépendante: Vérification de bacteries | | | | | | | | | | | |
|  | | (I) VAR00001 | | (J) VAR00001 | | Différence moyenne (I-J) | | Erreur standard | Sig. | Intervalle de confiance à 95 % | |
|  | | Borne inférieure | Borne supérieure |
| Différence significative de Tukey | | 1,00 | | 2,00 | | -5,00000 | | 4,14901 | ,630 | -16,4455 | 6,4455 |
| 3,00 | | -3,42857 | | 4,14901 | ,841 | -14,8741 | 8,0169 |
| 4,00 | | -2,00000 | | 4,14901 | ,962 | -13,4455 | 9,4455 |
| 2,00 | | 1,00 | | 5,00000 | | 4,14901 | ,630 | -6,4455 | 16,4455 |
| 3,00 | | 1,57143 | | 4,14901 | ,981 | -9,8741 | 13,0169 |
| 4,00 | | 3,00000 | | 4,14901 | ,887 | -8,4455 | 14,4455 |
| 3,00 | | 1,00 | | 3,42857 | | 4,14901 | ,841 | -8,0169 | 14,8741 |
| 2,00 | | -1,57143 | | 4,14901 | ,981 | -13,0169 | 9,8741 |
| 4,00 | | 1,42857 | | 4,14901 | ,986 | -10,0169 | 12,8741 |
| 4,00 | | 1,00 | | 2,00000 | | 4,14901 | ,962 | -9,4455 | 13,4455 |
| 2,00 | | -3,00000 | | 4,14901 | ,887 | -14,4455 | 8,4455 |
| 3,00 | | -1,42857 | | 4,14901 | ,986 | -12,8741 | 10,0169 |
| Scheffé | | 1,00 | | 2,00 | | -5,00000 | | 4,14901 | ,696 | -17,4652 | 7,4652 |
| 3,00 | | -3,42857 | | 4,14901 | ,876 | -15,8938 | 9,0367 |
| 4,00 | | -2,00000 | | 4,14901 | ,972 | -14,4652 | 10,4652 |
| 2,00 | | 1,00 | | 5,00000 | | 4,14901 | ,696 | -7,4652 | 17,4652 |
| 3,00 | | 1,57143 | | 4,14901 | ,986 | -10,8938 | 14,0367 |
| 4,00 | | 3,00000 | | 4,14901 | ,913 | -9,4652 | 15,4652 |
| 3,00 | | 1,00 | | 3,42857 | | 4,14901 | ,876 | -9,0367 | 15,8938 |
| 2,00 | | -1,57143 | | 4,14901 | ,986 | -14,0367 | 10,8938 |
| 4,00 | | 1,42857 | | 4,14901 | ,989 | -11,0367 | 13,8938 |
| 4,00 | | 1,00 | | 2,00000 | | 4,14901 | ,972 | -10,4652 | 14,4652 |
| 2,00 | | -3,00000 | | 4,14901 | ,913 | -15,4652 | 9,4652 |
| 3,00 | | -1,42857 | | 4,14901 | ,989 | -13,8938 | 11,0367 |
| LSD | | 1,00 | | 2,00 | | -5,00000 | | 4,14901 | ,240 | -13,5631 | 3,5631 |
| 3,00 | | -3,42857 | | 4,14901 | ,417 | -11,9917 | 5,1346 |
| 4,00 | | -2,00000 | | 4,14901 | ,634 | -10,5631 | 6,5631 |
| 2,00 | | 1,00 | | 5,00000 | | 4,14901 | ,240 | -3,5631 | 13,5631 |
| 3,00 | | 1,57143 | | 4,14901 | ,708 | -6,9917 | 10,1346 |
| 4,00 | | 3,00000 | | 4,14901 | ,477 | -5,5631 | 11,5631 |
| 3,00 | | 1,00 | | 3,42857 | | 4,14901 | ,417 | -5,1346 | 11,9917 |
| 2,00 | | -1,57143 | | 4,14901 | ,708 | -10,1346 | 6,9917 |
| 4,00 | | 1,42857 | | 4,14901 | ,734 | -7,1346 | 9,9917 |
| 4,00 | | 1,00 | | 2,00000 | | 4,14901 | ,634 | -6,5631 | 10,5631 |
| 2,00 | | -3,00000 | | 4,14901 | ,477 | -11,5631 | 5,5631 |
| 3,00 | | -1,42857 | | 4,14901 | ,734 | -9,9917 | 7,1346 |
| Bonferroni | | 1,00 | | 2,00 | | -5,00000 | | 4,14901 | 1,000 | -16,9288 | 6,9288 |
| 3,00 | | -3,42857 | | 4,14901 | 1,000 | -15,3574 | 8,5002 |
| 4,00 | | -2,00000 | | 4,14901 | 1,000 | -13,9288 | 9,9288 |
| 2,00 | | 1,00 | | 5,00000 | | 4,14901 | 1,000 | -6,9288 | 16,9288 |
| 3,00 | | 1,57143 | | 4,14901 | 1,000 | -10,3574 | 13,5002 |
| 4,00 | | 3,00000 | | 4,14901 | 1,000 | -8,9288 | 14,9288 |
| 3,00 | | 1,00 | | 3,42857 | | 4,14901 | 1,000 | -8,5002 | 15,3574 |
| 2,00 | | -1,57143 | | 4,14901 | 1,000 | -13,5002 | 10,3574 |
| 4,00 | | 1,42857 | | 4,14901 | 1,000 | -10,5002 | 13,3574 |
| 4,00 | | 1,00 | | 2,00000 | | 4,14901 | 1,000 | -9,9288 | 13,9288 |
| 2,00 | | -3,00000 | | 4,14901 | 1,000 | -14,9288 | 8,9288 |
| 3,00 | | -1,42857 | | 4,14901 | 1,000 | -13,3574 | 10,5002 |
| Sidak | | 1,00 | | 2,00 | | -5,00000 | | 4,14901 | ,807 | -16,8911 | 6,8911 |
| 3,00 | | -3,42857 | | 4,14901 | ,961 | -15,3197 | 8,4626 |
| 4,00 | | -2,00000 | | 4,14901 | ,998 | -13,8911 | 9,8911 |
| 2,00 | | 1,00 | | 5,00000 | | 4,14901 | ,807 | -6,8911 | 16,8911 |
| 3,00 | | 1,57143 | | 4,14901 | ,999 | -10,3197 | 13,4626 |
| 4,00 | | 3,00000 | | 4,14901 | ,979 | -8,8911 | 14,8911 |
| 3,00 | | 1,00 | | 3,42857 | | 4,14901 | ,961 | -8,4626 | 15,3197 |
| 2,00 | | -1,57143 | | 4,14901 | ,999 | -13,4626 | 10,3197 |
| 4,00 | | 1,42857 | | 4,14901 | 1,000 | -10,4626 | 13,3197 |
| 4,00 | | 1,00 | | 2,00000 | | 4,14901 | ,998 | -9,8911 | 13,8911 |
| 2,00 | | -3,00000 | | 4,14901 | ,979 | -14,8911 | 8,8911 |
| 3,00 | | -1,42857 | | 4,14901 | 1,000 | -13,3197 | 10,4626 |
| Gabriel | | 1,00 | | 2,00 | | -5,00000 | | 4,14901 | ,785 | -16,8275 | 6,8275 |
| 3,00 | | -3,42857 | | 4,14901 | ,953 | -15,2560 | 8,3989 |
| 4,00 | | -2,00000 | | 4,14901 | ,997 | -13,8275 | 9,8275 |
| 2,00 | | 1,00 | | 5,00000 | | 4,14901 | ,785 | -6,8275 | 16,8275 |
| 3,00 | | 1,57143 | | 4,14901 | ,999 | -10,2560 | 13,3989 |
| 4,00 | | 3,00000 | | 4,14901 | ,975 | -8,8275 | 14,8275 |
| 3,00 | | 1,00 | | 3,42857 | | 4,14901 | ,953 | -8,3989 | 15,2560 |
| 2,00 | | -1,57143 | | 4,14901 | ,999 | -13,3989 | 10,2560 |
| 4,00 | | 1,42857 | | 4,14901 | 1,000 | -10,3989 | 13,2560 |
| 4,00 | | 1,00 | | 2,00000 | | 4,14901 | ,997 | -9,8275 | 13,8275 |
| 2,00 | | -3,00000 | | 4,14901 | ,975 | -14,8275 | 8,8275 |
| 3,00 | | -1,42857 | | 4,14901 | 1,000 | -13,2560 | 10,3989 |
| Hochberg | | 1,00 | | 2,00 | | -5,00000 | | 4,14901 | ,785 | -16,8275 | 6,8275 |
| 3,00 | | -3,42857 | | 4,14901 | ,953 | -15,2560 | 8,3989 |
| 4,00 | | -2,00000 | | 4,14901 | ,997 | -13,8275 | 9,8275 |
| 2,00 | | 1,00 | | 5,00000 | | 4,14901 | ,785 | -6,8275 | 16,8275 |
| 3,00 | | 1,57143 | | 4,14901 | ,999 | -10,2560 | 13,3989 |
| 4,00 | | 3,00000 | | 4,14901 | ,975 | -8,8275 | 14,8275 |
| 3,00 | | 1,00 | | 3,42857 | | 4,14901 | ,953 | -8,3989 | 15,2560 |
| 2,00 | | -1,57143 | | 4,14901 | ,999 | -13,3989 | 10,2560 |
| 4,00 | | 1,42857 | | 4,14901 | 1,000 | -10,3989 | 13,2560 |
| 4,00 | | 1,00 | | 2,00000 | | 4,14901 | ,997 | -9,8275 | 13,8275 |
| 2,00 | | -3,00000 | | 4,14901 | ,975 | -14,8275 | 8,8275 |
| 3,00 | | -1,42857 | | 4,14901 | 1,000 | -13,2560 | 10,3989 |
| Tamhane | | 1,00 | | 2,00 | | -5,00000 | | 4,21368 | ,834 | -18,2387 | 8,2387 |
| 3,00 | | -3,42857 | | 4,60922 | ,978 | -18,0081 | 11,1510 |
| 4,00 | | -2,00000 | | 3,55137 | ,995 | -13,4395 | 9,4395 |
| 2,00 | | 1,00 | | 5,00000 | | 4,21368 | ,834 | -8,2387 | 18,2387 |
| 3,00 | | 1,57143 | | 4,67080 | 1,000 | -13,1721 | 16,3149 |
| 4,00 | | 3,00000 | | 3,63093 | ,965 | -8,7429 | 14,7429 |
| 3,00 | | 1,00 | | 3,42857 | | 4,60922 | ,978 | -11,1510 | 18,0081 |
| 2,00 | | -1,57143 | | 4,67080 | 1,000 | -16,3149 | 13,1721 |
| 4,00 | | 1,42857 | | 4,08332 | 1,000 | -12,0790 | 14,9361 |
| 4,00 | | 1,00 | | 2,00000 | | 3,55137 | ,995 | -9,4395 | 13,4395 |
| 2,00 | | -3,00000 | | 3,63093 | ,965 | -14,7429 | 8,7429 |
| 3,00 | | -1,42857 | | 4,08332 | 1,000 | -14,9361 | 12,0790 |
| T3 de Dunnett | | 1,00 | | 2,00 | | -5,00000 | | 4,21368 | ,793 | -18,0415 | 8,0415 |
| 3,00 | | -3,42857 | | 4,60922 | ,968 | -17,7786 | 10,9214 |
| 4,00 | | -2,00000 | | 3,55137 | ,992 | -13,2324 | 9,2324 |
| 2,00 | | 1,00 | | 5,00000 | | 4,21368 | ,793 | -8,0415 | 18,0415 |
| 3,00 | | 1,57143 | | 4,67080 | 1,000 | -12,9438 | 16,0867 |
| 4,00 | | 3,00000 | | 3,63093 | ,947 | -8,5240 | 14,5240 |
| 3,00 | | 1,00 | | 3,42857 | | 4,60922 | ,968 | -10,9214 | 17,7786 |
| 2,00 | | -1,57143 | | 4,67080 | 1,000 | -16,0867 | 12,9438 |
| 4,00 | | 1,42857 | | 4,08332 | ,999 | -11,7848 | 14,6419 |
| 4,00 | | 1,00 | | 2,00000 | | 3,55137 | ,992 | -9,2324 | 13,2324 |
| 2,00 | | -3,00000 | | 3,63093 | ,947 | -14,5240 | 8,5240 |
| 3,00 | | -1,42857 | | 4,08332 | ,999 | -14,6419 | 11,7848 |
| Games-Howell | | 1,00 | | 2,00 | | -5,00000 | | 4,21368 | ,646 | -17,5119 | 7,5119 |
| 3,00 | | -3,42857 | | 4,60922 | ,877 | -17,1878 | 10,3306 |
| 4,00 | | -2,00000 | | 3,55137 | ,941 | -12,7532 | 8,7532 |
| 2,00 | | 1,00 | | 5,00000 | | 4,21368 | ,646 | -7,5119 | 17,5119 |
| 3,00 | | 1,57143 | | 4,67080 | ,986 | -12,3488 | 15,4916 |
| 4,00 | | 3,00000 | | 3,63093 | ,841 | -8,0285 | 14,0285 |
| 3,00 | | 1,00 | | 3,42857 | | 4,60922 | ,877 | -10,3306 | 17,1878 |
| 2,00 | | -1,57143 | | 4,67080 | ,986 | -15,4916 | 12,3488 |
| 4,00 | | 1,42857 | | 4,08332 | ,984 | -11,1930 | 14,0502 |
| 4,00 | | 1,00 | | 2,00000 | | 3,55137 | ,941 | -8,7532 | 12,7532 |
| 2,00 | | -3,00000 | | 3,63093 | ,841 | -14,0285 | 8,0285 |
| 3,00 | | -1,42857 | | 4,08332 | ,984 | -14,0502 | 11,1930 |
| C de Dunnett | | 1,00 | | 2,00 | | -5,00000 | | 4,21368 |  | -19,5865 | 9,5865 |
| 3,00 | | -3,42857 | | 4,60922 |  | -19,3844 | 12,5272 |
| 4,00 | | -2,00000 | | 3,55137 |  | -14,2938 | 10,2938 |
| 2,00 | | 1,00 | | 5,00000 | | 4,21368 |  | -9,5865 | 19,5865 |
| 3,00 | | 1,57143 | | 4,67080 |  | -14,5975 | 17,7404 |
| 4,00 | | 3,00000 | | 3,63093 |  | -9,5692 | 15,5692 |
| 3,00 | | 1,00 | | 3,42857 | | 4,60922 |  | -12,5272 | 19,3844 |
| 2,00 | | -1,57143 | | 4,67080 |  | -17,7404 | 14,5975 |
| 4,00 | | 1,42857 | | 4,08332 |  | -12,7067 | 15,5638 |
| 4,00 | | 1,00 | | 2,00000 | | 3,55137 |  | -10,2938 | 14,2938 |
| 2,00 | | -3,00000 | | 3,63093 |  | -15,5692 | 9,5692 |
| 3,00 | | -1,42857 | | 4,08332 |  | -15,5638 | 12,7067 |
| Test t de Dunnett (> contrôle)a | | 1,00 | | 4,00 | | -2,00000 | | 4,14901 | ,889 | -11,0017 |  |
| 2,00 | | 4,00 | | 3,00000 | | 4,14901 | ,445 | -6,0017 |  |
| 3,00 | | 4,00 | | 1,42857 | | 4,14901 | ,612 | -7,5731 |  |
| a. Les tests t de Dunnett traitent un groupe en tant que contrôle et comparent tous les autres groupes à celui-ci. | | | | | | | | | | | |
| Vérification de bacteries | | | | | | | | | | | |
|  | VAR00001 | | N | | Sous-ensemble pour alpha = 0.05 | |
|  | 1 | |
| Student-Newman-Keulsa | 1,00 | | 7 | | 60,8571 | |
| 4,00 | | 7 | | 62,8571 | |
| 3,00 | | 7 | | 64,2857 | |
| 2,00 | | 7 | | 65,8571 | |
| Sig. | |  | | ,630 | |
| Différence significative de Tukeya | 1,00 | | 7 | | 60,8571 | |
| 4,00 | | 7 | | 62,8571 | |
| 3,00 | | 7 | | 64,2857 | |
| 2,00 | | 7 | | 65,8571 | |
| Sig. | |  | | ,630 | |
| B de Tukeya | 1,00 | | 7 | | 60,8571 | |
| 4,00 | | 7 | | 62,8571 | |
| 3,00 | | 7 | | 64,2857 | |
| 2,00 | | 7 | | 65,8571 | |
| Duncana | 1,00 | | 7 | | 60,8571 | |
| 4,00 | | 7 | | 62,8571 | |
| 3,00 | | 7 | | 64,2857 | |
| 2,00 | | 7 | | 65,8571 | |
| Sig. | |  | | ,282 | |
| Schefféa | 1,00 | | 7 | | 60,8571 | |
| 4,00 | | 7 | | 62,8571 | |
| 3,00 | | 7 | | 64,2857 | |
| 2,00 | | 7 | | 65,8571 | |
| Sig. | |  | | ,696 | |
| Gabriela | 1,00 | | 7 | | 60,8571 | |
| 4,00 | | 7 | | 62,8571 | |
| 3,00 | | 7 | | 64,2857 | |
| 2,00 | | 7 | | 65,8571 | |
| Sig. | |  | | ,785 | |
| Test F de Ryan-Einot-Gabriel-Welsch | 1,00 | | 7 | | 60,8571 | |
| 4,00 | | 7 | | 62,8571 | |
| 3,00 | | 7 | | 64,2857 | |
| 2,00 | | 7 | | 65,8571 | |
| Sig. | |  | | ,669 | |
| Plage de Ryan-Einot-Gabriel-Welsch | 1,00 | | 7 | | 60,8571 | |
| 4,00 | | 7 | | 62,8571 | |
| 3,00 | | 7 | | 64,2857 | |
| 2,00 | | 7 | | 65,8571 | |
| Sig. | |  | | ,630 | |
| Hochberga | 1,00 | | 7 | | 60,8571 | |
| 4,00 | | 7 | | 62,8571 | |
| 3,00 | | 7 | | 64,2857 | |
| 2,00 | | 7 | | 65,8571 | |
| Sig. | |  | | ,785 | |
| Les moyennes des groupes des sous-ensembles homogènes sont affichées. | | | | | | |
| a. Utilise la taille d'échantillon de la moyenne harmonique = 7,000. | | | | | | |

4)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| 12 plantes souffrantes de la mosaique | | | | | |
|  | Somme des carrés | ddl | Carré moyen | F | Sig. |
| Intergroupes | 33,511 | 2 | 16,755 | ,764 | ,474 |
| Intragroupes | 723,886 | 33 | 21,936 |  |  |
| Total | 757,396 | 35 |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaisons multiples :** | | | | | | | |
| Variable dépendante: 12 plantes souffrantes de la mosaique | | | | | | | |
|  | (I) VAR00001 | (J) VAR00001 | Différence moyenne (I-J) | Erreur standard | Sig. | Intervalle de confiance à 99 % | |
|  | Borne inférieure | Borne supérieure |
| Différence significative de Tukey | 1,00 | 2,00 | -2,18333 | 1,91206 | ,496 | -8,1629 | 3,7963 |
| 3,00 | -1,87500 | 1,91206 | ,594 | -7,8546 | 4,1046 |
| 2,00 | 1,00 | 2,18333 | 1,91206 | ,496 | -3,7963 | 8,1629 |
| 3,00 | ,30833 | 1,91206 | ,986 | -5,6713 | 6,2879 |
| 3,00 | 1,00 | 1,87500 | 1,91206 | ,594 | -4,1046 | 7,8546 |
| 2,00 | -,30833 | 1,91206 | ,986 | -6,2879 | 5,6713 |
| Scheffé | 1,00 | 2,00 | -2,18333 | 1,91206 | ,528 | -8,4156 | 4,0490 |
| 3,00 | -1,87500 | 1,91206 | ,623 | -8,1073 | 4,3573 |
| 2,00 | 1,00 | 2,18333 | 1,91206 | ,528 | -4,0490 | 8,4156 |
| 3,00 | ,30833 | 1,91206 | ,987 | -5,9240 | 6,5406 |
| 3,00 | 1,00 | 1,87500 | 1,91206 | ,623 | -4,3573 | 8,1073 |
| 2,00 | -,30833 | 1,91206 | ,987 | -6,5406 | 5,9240 |
| LSD | 1,00 | 2,00 | -2,18333 | 1,91206 | ,262 | -7,4095 | 3,0429 |
| 3,00 | -1,87500 | 1,91206 | ,334 | -7,1012 | 3,3512 |
| 2,00 | 1,00 | 2,18333 | 1,91206 | ,262 | -3,0429 | 7,4095 |
| 3,00 | ,30833 | 1,91206 | ,873 | -4,9179 | 5,5345 |
| 3,00 | 1,00 | 1,87500 | 1,91206 | ,334 | -3,3512 | 7,1012 |
| 2,00 | -,30833 | 1,91206 | ,873 | -5,5345 | 4,9179 |
| Bonferroni | 1,00 | 2,00 | -2,18333 | 1,91206 | ,785 | -8,2334 | 3,8667 |
| 3,00 | -1,87500 | 1,91206 | 1,000 | -7,9251 | 4,1751 |
| 2,00 | 1,00 | 2,18333 | 1,91206 | ,785 | -3,8667 | 8,2334 |
| 3,00 | ,30833 | 1,91206 | 1,000 | -5,7417 | 6,3584 |
| 3,00 | 1,00 | 1,87500 | 1,91206 | 1,000 | -4,1751 | 7,9251 |
| 2,00 | -,30833 | 1,91206 | 1,000 | -6,3584 | 5,7417 |
| Sidak | 1,00 | 2,00 | -2,18333 | 1,91206 | ,598 | -8,2310 | 3,8643 |
| 3,00 | -1,87500 | 1,91206 | ,704 | -7,9226 | 4,1726 |
| 2,00 | 1,00 | 2,18333 | 1,91206 | ,598 | -3,8643 | 8,2310 |
| 3,00 | ,30833 | 1,91206 | ,998 | -5,7393 | 6,3560 |
| 3,00 | 1,00 | 1,87500 | 1,91206 | ,704 | -4,1726 | 7,9226 |
| 2,00 | -,30833 | 1,91206 | ,998 | -6,3560 | 5,7393 |
| Gabriel | 1,00 | 2,00 | -2,18333 | 1,91206 | ,590 | -8,2261 | 3,8594 |
| 3,00 | -1,87500 | 1,91206 | ,697 | -7,9177 | 4,1677 |
| 2,00 | 1,00 | 2,18333 | 1,91206 | ,590 | -3,8594 | 8,2261 |
| 3,00 | ,30833 | 1,91206 | ,998 | -5,7344 | 6,3511 |
| 3,00 | 1,00 | 1,87500 | 1,91206 | ,697 | -4,1677 | 7,9177 |
| 2,00 | -,30833 | 1,91206 | ,998 | -6,3511 | 5,7344 |
| Hochberg | 1,00 | 2,00 | -2,18333 | 1,91206 | ,590 | -8,2261 | 3,8594 |
| 3,00 | -1,87500 | 1,91206 | ,697 | -7,9177 | 4,1677 |
| 2,00 | 1,00 | 2,18333 | 1,91206 | ,590 | -3,8594 | 8,2261 |
| 3,00 | ,30833 | 1,91206 | ,998 | -5,7344 | 6,3511 |
| 3,00 | 1,00 | 1,87500 | 1,91206 | ,697 | -4,1677 | 7,9177 |
| 2,00 | -,30833 | 1,91206 | ,998 | -6,3511 | 5,7344 |
| Tamhane | 1,00 | 2,00 | -2,18333 | 2,03253 | ,651 | -9,0029 | 4,6362 |
| 3,00 | -1,87500 | 1,60653 | ,588 | -7,1611 | 3,4111 |
| 2,00 | 1,00 | 2,18333 | 2,03253 | ,651 | -4,6362 | 9,0029 |
| 3,00 | ,30833 | 2,06297 | ,998 | -6,5868 | 7,2035 |
| 3,00 | 1,00 | 1,87500 | 1,60653 | ,588 | -3,4111 | 7,1611 |
| 2,00 | -,30833 | 2,06297 | ,998 | -7,2035 | 6,5868 |
| T3 de Dunnett | 1,00 | 2,00 | -2,18333 | 2,03253 | ,639 | -8,9896 | 4,6229 |
| 3,00 | -1,87500 | 1,60653 | ,576 | -7,1531 | 3,4031 |
| 2,00 | 1,00 | 2,18333 | 2,03253 | ,639 | -4,6229 | 8,9896 |
| 3,00 | ,30833 | 2,06297 | ,998 | -6,5740 | 7,1907 |
| 3,00 | 1,00 | 1,87500 | 1,60653 | ,576 | -3,4031 | 7,1531 |
| 2,00 | -,30833 | 2,06297 | ,998 | -7,1907 | 6,5740 |
| Games-Howell | 1,00 | 2,00 | -2,18333 | 2,03253 | ,541 | -8,8992 | 4,5325 |
| 3,00 | -1,87500 | 1,60653 | ,485 | -7,0880 | 3,3380 |
| 2,00 | 1,00 | 2,18333 | 2,03253 | ,541 | -4,5325 | 8,8992 |
| 3,00 | ,30833 | 2,06297 | ,988 | -6,4839 | 7,1006 |
| 3,00 | 1,00 | 1,87500 | 1,60653 | ,485 | -3,3380 | 7,0880 |
| 2,00 | -,30833 | 2,06297 | ,988 | -7,1006 | 6,4839 |
| C de Dunnett | 1,00 | 2,00 | -2,18333 | 2,03253 |  | -9,5793 | 5,2126 |
| 3,00 | -1,87500 | 1,60653 |  | -7,7209 | 3,9709 |
| 2,00 | 1,00 | 2,18333 | 2,03253 |  | -5,2126 | 9,5793 |
| 3,00 | ,30833 | 2,06297 |  | -7,1984 | 7,8150 |
| 3,00 | 1,00 | 1,87500 | 1,60653 |  | -3,9709 | 7,7209 |
| 2,00 | -,30833 | 2,06297 |  | -7,8150 | 7,1984 |
| Test t de Dunnett (bilatéral)a | 1,00 | 3,00 | -1,87500 | 1,91206 | ,522 | -7,5882 | 3,8382 |
| 2,00 | 3,00 | ,30833 | 1,91206 | ,981 | -5,4048 | 6,0215 |
| a. Les tests t de Dunnett traitent un groupe en tant que contrôle et comparent tous les autres groupes à celui-ci. | | | | | | | |

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| **5)**  **ANOVA** | | | | | |
| Méthode emballage de nourriture | | | | | |
|  | Somme des carrés | ddl | Carré moyen | F | Sig. |
| Intergroupes | 228,970 | 2 | 114,485 | 27,634 | ,000 |
| Intragroupes | 74,571 | 18 | 4,143 |  |  |
| Total | 303,541 | 20 |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaisons multiples :** | | | | | | | |
| Variable dépendante: Méthode emballage de nourriture | | | | | | | |
|  | (I) VAR00001 | (J) VAR00001 | Différence moyenne (I-J) | Erreur standard | Sig. | Intervalle de confiance à 95 % | |
|  | Borne inférieure | Borne supérieure |
| Différence significative de Tukey | 1,00 | 2,00 | -3,86714\* | 1,08797 | ,006 | -6,6438 | -1,0905 |
| 3,00 | -8,08571\* | 1,08797 | ,000 | -10,8624 | -5,3090 |
| 2,00 | 1,00 | 3,86714\* | 1,08797 | ,006 | 1,0905 | 6,6438 |
| 3,00 | -4,21857\* | 1,08797 | ,003 | -6,9952 | -1,4419 |
| 3,00 | 1,00 | 8,08571\* | 1,08797 | ,000 | 5,3090 | 10,8624 |
| 2,00 | 4,21857\* | 1,08797 | ,003 | 1,4419 | 6,9952 |
| Scheffé | 1,00 | 2,00 | -3,86714\* | 1,08797 | ,008 | -6,7680 | -,9663 |
| 3,00 | -8,08571\* | 1,08797 | ,000 | -10,9866 | -5,1849 |
| 2,00 | 1,00 | 3,86714\* | 1,08797 | ,008 | ,9663 | 6,7680 |
| 3,00 | -4,21857\* | 1,08797 | ,004 | -7,1194 | -1,3177 |
| 3,00 | 1,00 | 8,08571\* | 1,08797 | ,000 | 5,1849 | 10,9866 |
| 2,00 | 4,21857\* | 1,08797 | ,004 | 1,3177 | 7,1194 |
| LSD | 1,00 | 2,00 | -3,86714\* | 1,08797 | ,002 | -6,1529 | -1,5814 |
| 3,00 | -8,08571\* | 1,08797 | ,000 | -10,3714 | -5,8000 |
| 2,00 | 1,00 | 3,86714\* | 1,08797 | ,002 | 1,5814 | 6,1529 |
| 3,00 | -4,21857\* | 1,08797 | ,001 | -6,5043 | -1,9328 |
| 3,00 | 1,00 | 8,08571\* | 1,08797 | ,000 | 5,8000 | 10,3714 |
| 2,00 | 4,21857\* | 1,08797 | ,001 | 1,9328 | 6,5043 |
| Bonferroni | 1,00 | 2,00 | -3,86714\* | 1,08797 | ,007 | -6,7384 | -,9958 |
| 3,00 | -8,08571\* | 1,08797 | ,000 | -10,9570 | -5,2144 |
| 2,00 | 1,00 | 3,86714\* | 1,08797 | ,007 | ,9958 | 6,7384 |
| 3,00 | -4,21857\* | 1,08797 | ,003 | -7,0899 | -1,3473 |
| 3,00 | 1,00 | 8,08571\* | 1,08797 | ,000 | 5,2144 | 10,9570 |
| 2,00 | 4,21857\* | 1,08797 | ,003 | 1,3473 | 7,0899 |
| Sidak | 1,00 | 2,00 | -3,86714\* | 1,08797 | ,007 | -6,7297 | -1,0046 |
| 3,00 | -8,08571\* | 1,08797 | ,000 | -10,9482 | -5,2232 |
| 2,00 | 1,00 | 3,86714\* | 1,08797 | ,007 | 1,0046 | 6,7297 |
| 3,00 | -4,21857\* | 1,08797 | ,003 | -7,0811 | -1,3560 |
| 3,00 | 1,00 | 8,08571\* | 1,08797 | ,000 | 5,2232 | 10,9482 |
| 2,00 | 4,21857\* | 1,08797 | ,003 | 1,3560 | 7,0811 |
| Gabriel | 1,00 | 2,00 | -3,86714\* | 1,08797 | ,007 | -6,7163 | -1,0180 |
| 3,00 | -8,08571\* | 1,08797 | ,000 | -10,9348 | -5,2366 |
| 2,00 | 1,00 | 3,86714\* | 1,08797 | ,007 | 1,0180 | 6,7163 |
| 3,00 | -4,21857\* | 1,08797 | ,003 | -7,0677 | -1,3695 |
| 3,00 | 1,00 | 8,08571\* | 1,08797 | ,000 | 5,2366 | 10,9348 |
| 2,00 | 4,21857\* | 1,08797 | ,003 | 1,3695 | 7,0677 |
| Hochberg | 1,00 | 2,00 | -3,86714\* | 1,08797 | ,007 | -6,7163 | -1,0180 |
| 3,00 | -8,08571\* | 1,08797 | ,000 | -10,9348 | -5,2366 |
| 2,00 | 1,00 | 3,86714\* | 1,08797 | ,007 | 1,0180 | 6,7163 |
| 3,00 | -4,21857\* | 1,08797 | ,003 | -7,0677 | -1,3695 |
| 3,00 | 1,00 | 8,08571\* | 1,08797 | ,000 | 5,2366 | 10,9348 |
| 2,00 | 4,21857\* | 1,08797 | ,003 | 1,3695 | 7,0677 |
| Tamhane | 1,00 | 2,00 | -3,86714\* | 1,11167 | ,029 | -7,2916 | -,4426 |
| 3,00 | -8,08571\* | 1,28650 | ,000 | -11,7189 | -4,4526 |
| 2,00 | 1,00 | 3,86714\* | 1,11167 | ,029 | ,4426 | 7,2916 |
| 3,00 | -4,21857\* | ,81249 | ,002 | -6,6209 | -1,8162 |
| 3,00 | 1,00 | 8,08571\* | 1,28650 | ,000 | 4,4526 | 11,7189 |
| 2,00 | 4,21857\* | ,81249 | ,002 | 1,8162 | 6,6209 |
| T3 de Dunnett | 1,00 | 2,00 | -3,86714\* | 1,11167 | ,027 | -7,2299 | -,5044 |
| 3,00 | -8,08571\* | 1,28650 | ,000 | -11,6830 | -4,4884 |
| 2,00 | 1,00 | 3,86714\* | 1,11167 | ,027 | ,5044 | 7,2299 |
| 3,00 | -4,21857\* | ,81249 | ,002 | -6,5874 | -1,8498 |
| 3,00 | 1,00 | 8,08571\* | 1,28650 | ,000 | 4,4884 | 11,6830 |
| 2,00 | 4,21857\* | ,81249 | ,002 | 1,8498 | 6,5874 |
| Games-Howell | 1,00 | 2,00 | -3,86714\* | 1,11167 | ,023 | -7,1105 | -,6237 |
| 3,00 | -8,08571\* | 1,28650 | ,000 | -11,5746 | -4,5968 |
| 2,00 | 1,00 | 3,86714\* | 1,11167 | ,023 | ,6237 | 7,1105 |
| 3,00 | -4,21857\* | ,81249 | ,002 | -6,5092 | -1,9280 |
| 3,00 | 1,00 | 8,08571\* | 1,28650 | ,000 | 4,5968 | 11,5746 |
| 2,00 | 4,21857\* | ,81249 | ,002 | 1,9280 | 6,5092 |
| C de Dunnett | 1,00 | 2,00 | -3,86714\* | 1,11167 |  | -7,2780 | -,4562 |
| 3,00 | -8,08571\* | 1,28650 |  | -12,0330 | -4,1384 |
| 2,00 | 1,00 | 3,86714\* | 1,11167 |  | ,4562 | 7,2780 |
| 3,00 | -4,21857\* | ,81249 |  | -6,7115 | -1,7256 |
| 3,00 | 1,00 | 8,08571\* | 1,28650 |  | 4,1384 | 12,0330 |
| 2,00 | 4,21857\* | ,81249 |  | 1,7256 | 6,7115 |
| Test t de Dunnett (bilatéral)b | 1,00 | 3,00 | -8,08571\* | 1,08797 | ,000 | -10,6953 | -5,4762 |
| 2,00 | 3,00 | -4,21857\* | 1,08797 | ,002 | -6,8281 | -1,6090 |
| \*. La différence moyenne est significative au niveau 0.05. | | | | | | | |
| b. Les tests t de Dunnett traitent un groupe en tant que contrôle et comparent tous les autres groupes à celui-ci. | | | | | | | |

6)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| Methode de traitement de la maladie arthose | | | | | |
|  | Somme des carrés | ddl | Carré moyen | F | Sig. |
| Intergroupes | 1045,458 | 3 | 348,486 | 6,027 | ,004 |
| Intragroupes | 1156,500 | 20 | 57,825 |  |  |
| Total | 2201,958 | 23 |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparaisons multiples :** | | | | | | | |
| Variable dépendante: Methode de traitement de la maladie arthose | | | | | | | |
|  | (I) VAR00001 | (J) VAR00001 | Différence moyenne (I-J) | Erreur standard | Sig. | Intervalle de confiance à 95 % | |
|  | Borne inférieure | Borne supérieure |
| Différence significative de Tukey | 1,00 | 2,00 | -3,16667 | 4,39033 | ,887 | -15,4549 | 9,1216 |
| 3,00 | 6,50000 | 4,39033 | ,467 | -5,7883 | 18,7883 |
| 4,00 | -11,83333 | 4,39033 | ,062 | -24,1216 | ,4549 |
| 2,00 | 1,00 | 3,16667 | 4,39033 | ,887 | -9,1216 | 15,4549 |
| 3,00 | 9,66667 | 4,39033 | ,157 | -2,6216 | 21,9549 |
| 4,00 | -8,66667 | 4,39033 | ,231 | -20,9549 | 3,6216 |
| 3,00 | 1,00 | -6,50000 | 4,39033 | ,467 | -18,7883 | 5,7883 |
| 2,00 | -9,66667 | 4,39033 | ,157 | -21,9549 | 2,6216 |
| 4,00 | -18,33333\* | 4,39033 | ,002 | -30,6216 | -6,0451 |
| 4,00 | 1,00 | 11,83333 | 4,39033 | ,062 | -,4549 | 24,1216 |
| 2,00 | 8,66667 | 4,39033 | ,231 | -3,6216 | 20,9549 |
| 3,00 | 18,33333\* | 4,39033 | ,002 | 6,0451 | 30,6216 |
| Scheffé | 1,00 | 2,00 | -3,16667 | 4,39033 | ,913 | -16,5519 | 10,2186 |
| 3,00 | 6,50000 | 4,39033 | ,546 | -6,8852 | 19,8852 |
| 4,00 | -11,83333 | 4,39033 | ,096 | -25,2186 | 1,5519 |
| 2,00 | 1,00 | 3,16667 | 4,39033 | ,913 | -10,2186 | 16,5519 |
| 3,00 | 9,66667 | 4,39033 | ,217 | -3,7186 | 23,0519 |
| 4,00 | -8,66667 | 4,39033 | ,302 | -22,0519 | 4,7186 |
| 3,00 | 1,00 | -6,50000 | 4,39033 | ,546 | -19,8852 | 6,8852 |
| 2,00 | -9,66667 | 4,39033 | ,217 | -23,0519 | 3,7186 |
| 4,00 | -18,33333\* | 4,39033 | ,005 | -31,7186 | -4,9481 |
| 4,00 | 1,00 | 11,83333 | 4,39033 | ,096 | -1,5519 | 25,2186 |
| 2,00 | 8,66667 | 4,39033 | ,302 | -4,7186 | 22,0519 |
| 3,00 | 18,33333\* | 4,39033 | ,005 | 4,9481 | 31,7186 |
| LSD | 1,00 | 2,00 | -3,16667 | 4,39033 | ,479 | -12,3247 | 5,9914 |
| 3,00 | 6,50000 | 4,39033 | ,154 | -2,6581 | 15,6581 |
| 4,00 | -11,83333\* | 4,39033 | ,014 | -20,9914 | -2,6753 |
| 2,00 | 1,00 | 3,16667 | 4,39033 | ,479 | -5,9914 | 12,3247 |
| 3,00 | 9,66667\* | 4,39033 | ,040 | ,5086 | 18,8247 |
| 4,00 | -8,66667 | 4,39033 | ,062 | -17,8247 | ,4914 |
| 3,00 | 1,00 | -6,50000 | 4,39033 | ,154 | -15,6581 | 2,6581 |
| 2,00 | -9,66667\* | 4,39033 | ,040 | -18,8247 | -,5086 |
| 4,00 | -18,33333\* | 4,39033 | ,000 | -27,4914 | -9,1753 |
| 4,00 | 1,00 | 11,83333\* | 4,39033 | ,014 | 2,6753 | 20,9914 |
| 2,00 | 8,66667 | 4,39033 | ,062 | -,4914 | 17,8247 |
| 3,00 | 18,33333\* | 4,39033 | ,000 | 9,1753 | 27,4914 |
| Bonferroni | 1,00 | 2,00 | -3,16667 | 4,39033 | 1,000 | -16,0177 | 9,6844 |
| 3,00 | 6,50000 | 4,39033 | ,926 | -6,3510 | 19,3510 |
| 4,00 | -11,83333 | 4,39033 | ,084 | -24,6844 | 1,0177 |
| 2,00 | 1,00 | 3,16667 | 4,39033 | 1,000 | -9,6844 | 16,0177 |
| 3,00 | 9,66667 | 4,39033 | ,237 | -3,1844 | 22,5177 |
| 4,00 | -8,66667 | 4,39033 | ,374 | -21,5177 | 4,1844 |
| 3,00 | 1,00 | -6,50000 | 4,39033 | ,926 | -19,3510 | 6,3510 |
| 2,00 | -9,66667 | 4,39033 | ,237 | -22,5177 | 3,1844 |
| 4,00 | -18,33333\* | 4,39033 | ,003 | -31,1844 | -5,4823 |
| 4,00 | 1,00 | 11,83333 | 4,39033 | ,084 | -1,0177 | 24,6844 |
| 2,00 | 8,66667 | 4,39033 | ,374 | -4,1844 | 21,5177 |
| 3,00 | 18,33333\* | 4,39033 | ,003 | 5,4823 | 31,1844 |
| Sidak | 1,00 | 2,00 | -3,16667 | 4,39033 | ,980 | -15,9759 | 9,6426 |
| 3,00 | 6,50000 | 4,39033 | ,634 | -6,3093 | 19,3093 |
| 4,00 | -11,83333 | 4,39033 | ,081 | -24,6426 | ,9759 |
| 2,00 | 1,00 | 3,16667 | 4,39033 | ,980 | -9,6426 | 15,9759 |
| 3,00 | 9,66667 | 4,39033 | ,215 | -3,1426 | 22,4759 |
| 4,00 | -8,66667 | 4,39033 | ,320 | -21,4759 | 4,1426 |
| 3,00 | 1,00 | -6,50000 | 4,39033 | ,634 | -19,3093 | 6,3093 |
| 2,00 | -9,66667 | 4,39033 | ,215 | -22,4759 | 3,1426 |
| 4,00 | -18,33333\* | 4,39033 | ,003 | -31,1426 | -5,5241 |
| 4,00 | 1,00 | 11,83333 | 4,39033 | ,081 | -,9759 | 24,6426 |
| 2,00 | 8,66667 | 4,39033 | ,320 | -4,1426 | 21,4759 |
| 3,00 | 18,33333\* | 4,39033 | ,003 | 5,5241 | 31,1426 |
| Gabriel | 1,00 | 2,00 | -3,16667 | 4,39033 | ,974 | -15,8874 | 9,5541 |
| 3,00 | 6,50000 | 4,39033 | ,603 | -6,2207 | 19,2207 |
| 4,00 | -11,83333 | 4,39033 | ,077 | -24,5541 | ,8874 |
| 2,00 | 1,00 | 3,16667 | 4,39033 | ,974 | -9,5541 | 15,8874 |
| 3,00 | 9,66667 | 4,39033 | ,202 | -3,0541 | 22,3874 |
| 4,00 | -8,66667 | 4,39033 | ,301 | -21,3874 | 4,0541 |
| 3,00 | 1,00 | -6,50000 | 4,39033 | ,603 | -19,2207 | 6,2207 |
| 2,00 | -9,66667 | 4,39033 | ,202 | -22,3874 | 3,0541 |
| 4,00 | -18,33333\* | 4,39033 | ,003 | -31,0541 | -5,6126 |
| 4,00 | 1,00 | 11,83333 | 4,39033 | ,077 | -,8874 | 24,5541 |
| 2,00 | 8,66667 | 4,39033 | ,301 | -4,0541 | 21,3874 |
| 3,00 | 18,33333\* | 4,39033 | ,003 | 5,6126 | 31,0541 |
| Hochberg | 1,00 | 2,00 | -3,16667 | 4,39033 | ,974 | -15,8874 | 9,5541 |
| 3,00 | 6,50000 | 4,39033 | ,603 | -6,2207 | 19,2207 |
| 4,00 | -11,83333 | 4,39033 | ,077 | -24,5541 | ,8874 |
| 2,00 | 1,00 | 3,16667 | 4,39033 | ,974 | -9,5541 | 15,8874 |
| 3,00 | 9,66667 | 4,39033 | ,202 | -3,0541 | 22,3874 |
| 4,00 | -8,66667 | 4,39033 | ,301 | -21,3874 | 4,0541 |
| 3,00 | 1,00 | -6,50000 | 4,39033 | ,603 | -19,2207 | 6,2207 |
| 2,00 | -9,66667 | 4,39033 | ,202 | -22,3874 | 3,0541 |
| 4,00 | -18,33333\* | 4,39033 | ,003 | -31,0541 | -5,6126 |
| 4,00 | 1,00 | 11,83333 | 4,39033 | ,077 | -,8874 | 24,5541 |
| 2,00 | 8,66667 | 4,39033 | ,301 | -4,0541 | 21,3874 |
| 3,00 | 18,33333\* | 4,39033 | ,003 | 5,6126 | 31,0541 |
| Test t de Dunnett (bilatéral)b | 1,00 | 4,00 | -11,83333\* | 4,39033 | ,036 | -22,9864 | -,6803 |
| 2,00 | 4,00 | -8,66667 | 4,39033 | ,150 | -19,8197 | 2,4864 |
| 3,00 | 4,00 | -18,33333\* | 4,39033 | ,001 | -29,4864 | -7,1803 |
| \*. La différence moyenne est significative au niveau 0.05. | | | | | | | |
| b. Les tests t de Dunnett traitent un groupe en tant que contrôle et comparent tous les autres groupes à celui-ci. | | | | | | | |