# Bijlage 3: Oriënterend onderzoek om aannames rondom afstandsonderwijs.praktijkleren te verifiëren

Bijlage 3: Oriënterend onderzoek om aanname rondom afstandsonderwijs te verifiëren (cijfers)

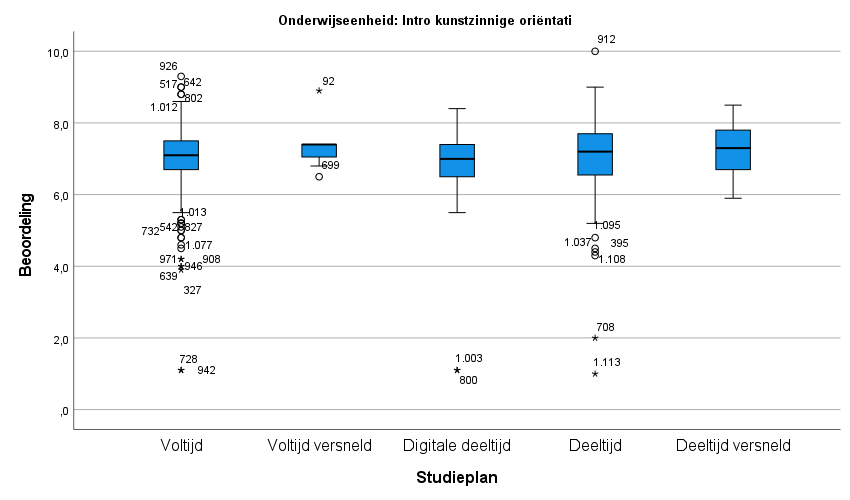
Hier zijn een aantal gegevens terug te vinden waarin de resultaten van drie beroepsproducten van de opleidingsvarianten voltijd, deeltijd, flexibel, digitale deeltijd van Pabo Inholland met elkaar zijn vergeleken. Het gaat om een vergelijking van de resultaten van 2016 tot en met 10 juni 2020, binnen de beroepsproducten ‘Introductie kunstzinnige oriëntatie’, ‘portfolio kunstzinnige oriëntatie’ en ‘kunstklapper kunstzinnige oriëntatie’. De analyse doet een uitspraak over de resultaten van het kunstvak als geheel (dans, drama, muziek en beeldende vorming: kunstzinnige oriëntatie), zoals dat aangeboden wordt op de Pabo Inholland. Binnen de modules is er aandacht voor vakdidactiek, eigen vaardigheid en vakkennis van alle vier de kunstdisciplines.

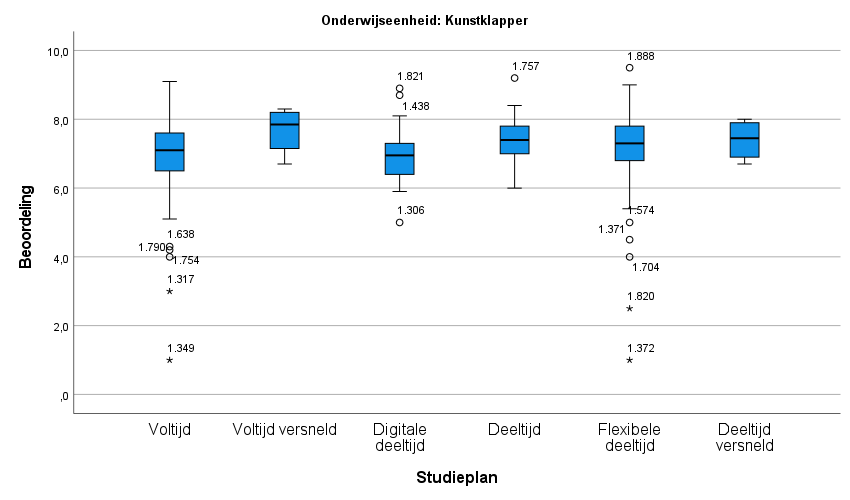
Een aantal gegevens wordt hier toegelicht. De volledige onderzoeksgegevens zijn op te vragen bij de auteur.

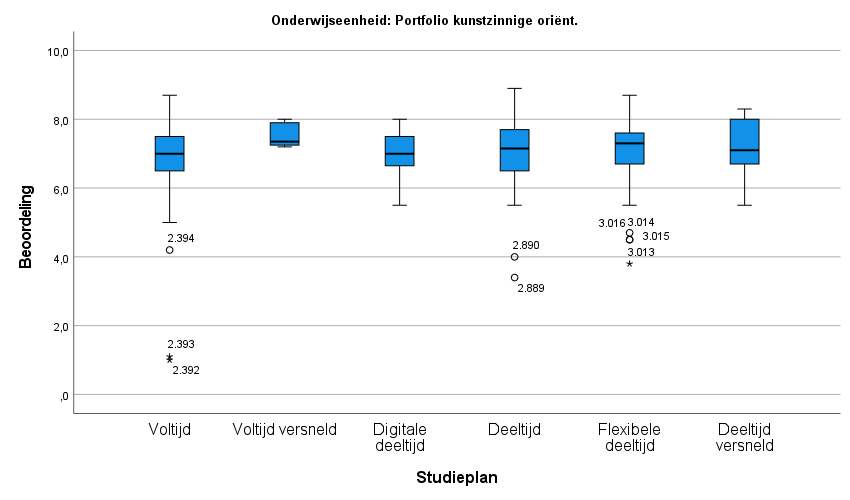
Afbeelding met tafel

Automatisch gegenereerde beschrijving

**Boxplots**





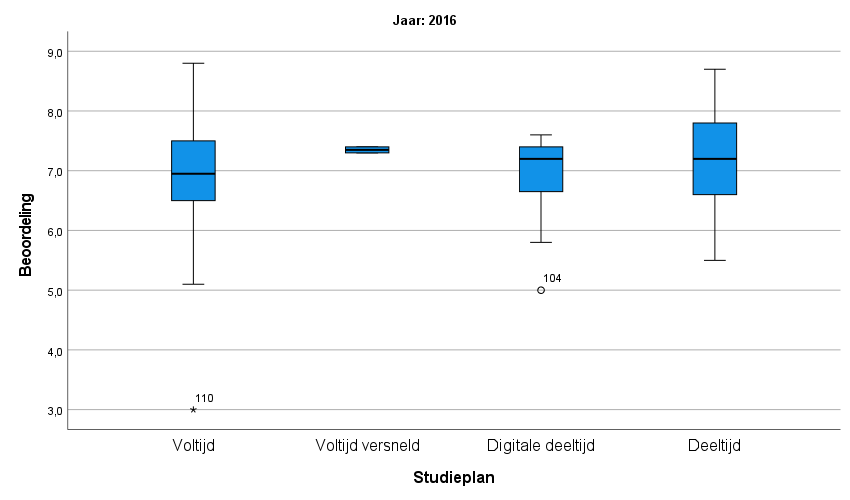


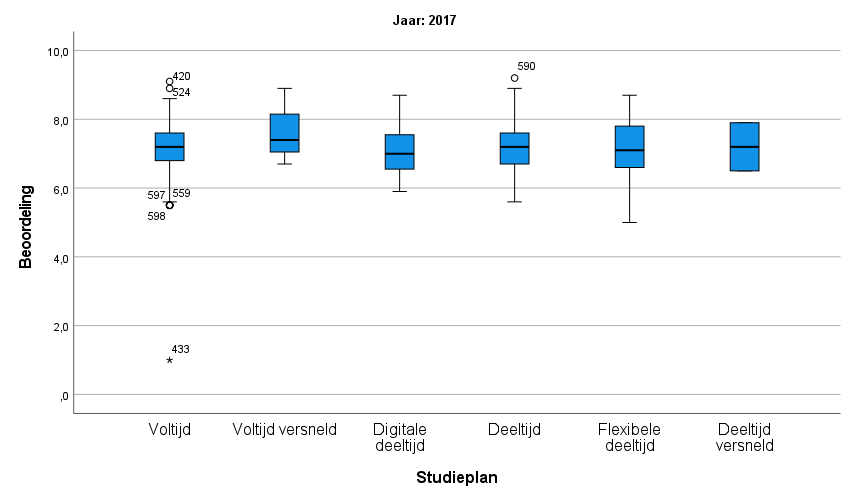
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| --- | --- | --- | --- | --- |
| **Tests of Homogeneity of Variances** | | | | |
| Onderwijseenheid | | | df2 | Sig. |
| Intro kunstzinnige oriëntati | Beoordeling | Based on Mean | 858 | ,087 |
| Based on Median | 858 | ,135 |
| Based on Median and with adjusted df | 763,175 | ,135 |
| Based on trimmed mean | 858 | ,121 |
| Kunstklapper | Beoordeling | Based on Mean | 453 | ,087 |
| Based on Median | 453 | ,144 |
| Based on Median and with adjusted df | 342,175 | ,145 |
| Based on trimmed mean | 453 | ,130 |
| Portfolio kunstzinnige oriënt. | Beoordeling | Based on Mean | 811 | ,017 |
| Based on Median | 811 | ,023 |
| Based on Median and with adjusted df | 780,393 | ,023 |
| Based on trimmed mean | 811 | ,020 |

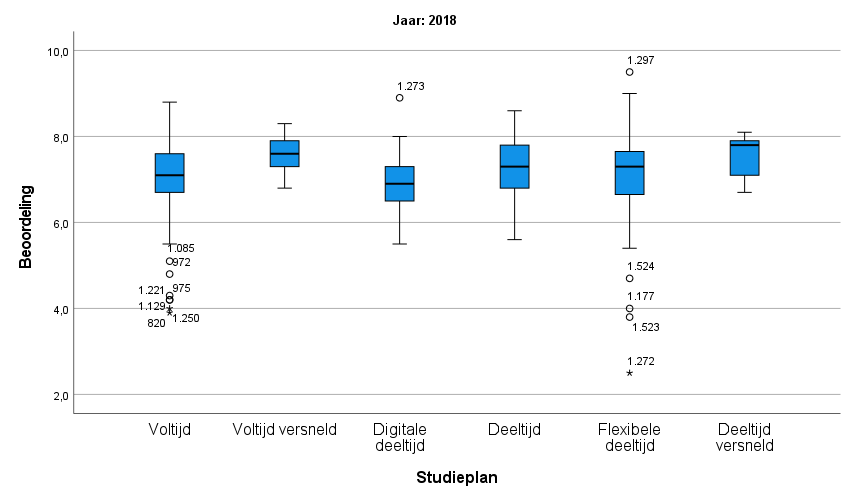
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| --- | --- | --- |
| **ANOVA** | | |
| Beoordeling | | |
| Onderwijseenheid | | Sig. |
| Intro kunstzinnige oriëntati | Between Groups | ,219 |
| Within Groups |  |
| Total |  |
| Kunstklapper | Between Groups | ,134 |
| Within Groups |  |
| Total |  |
| Portfolio kunstzinnige oriënt. | Between Groups | ,033 |
| Within Groups |  |
| Total |  |

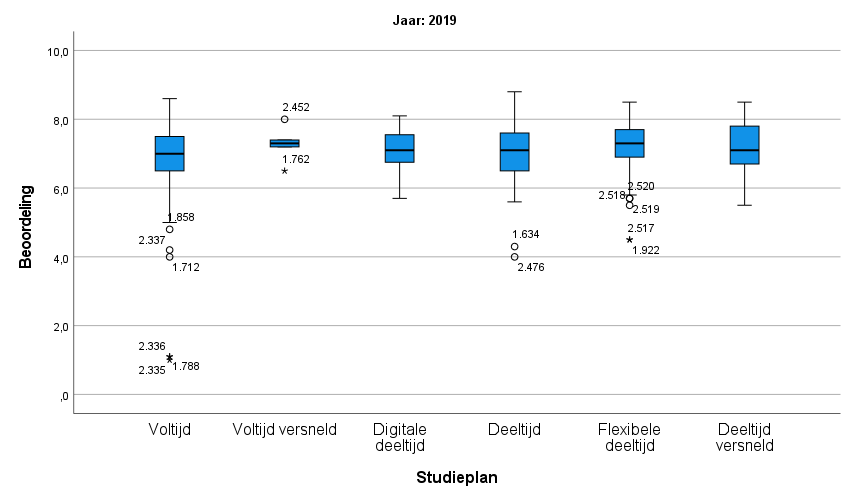
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| --- | --- | --- | --- | --- | --- |
| **Group Statistics** | | | | | |
| Onderwijseenheid | | Studieplan | N | Mean | Std. Deviation |
| Intro kunstzinnige oriëntati | Beoordeling | Voltijd | 572 | 7,057 | ,8440 |
| Voltijd versneld | 8 | 7,388 | ,6999 |
| Kunstklapper | Beoordeling | Voltijd | 264 | 7,040 | ,9453 |
| Voltijd versneld | 4 | 7,675 | ,7136 |
| Portfolio kunstzinnige oriënt. | Beoordeling | Voltijd | 429 | 6,941 | ,8100 |
| Voltijd versneld | 8 | 7,525 | ,3454 |

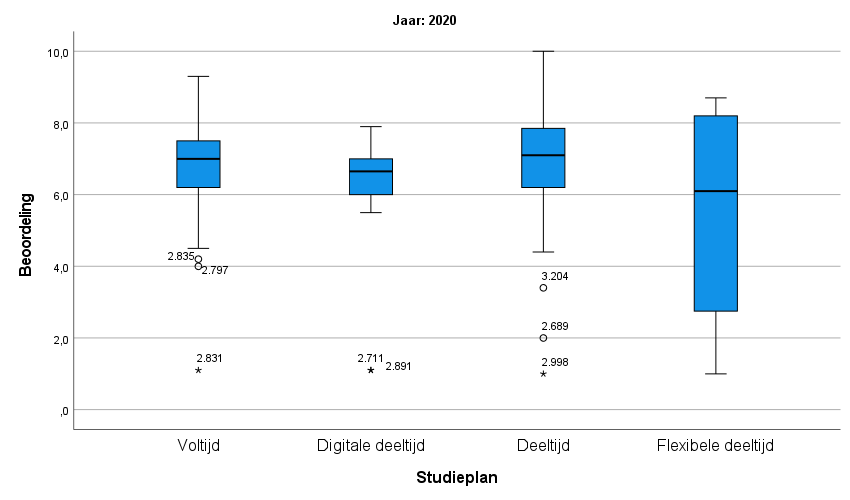
**Boxplots**











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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Case Processing Summary** | | | | | | | |
| Jaar | | Cases | | | | | |
| Included | | Excluded | | Total | |
| N | Percent | N | Percent | N | Percent |
| 2016 | Beoordeling \* Studieplan | 180 | 86,1% | 29 | 13,9% | 209 | 100,0% |
| 2017 | Beoordeling \* Studieplan | 517 | 90,5% | 54 | 9,5% | 571 | 100,0% |
| 2018 | Beoordeling \* Studieplan | 693 | 84,6% | 126 | 15,4% | 819 | 100,0% |
| 2019 | Beoordeling \* Studieplan | 550 | 54,0% | 469 | 46,0% | 1019 | 100,0% |
| 2020 | Beoordeling \* Studieplan | 199 | 33,7% | 391 | 66,3% | 590 | 100,0% |

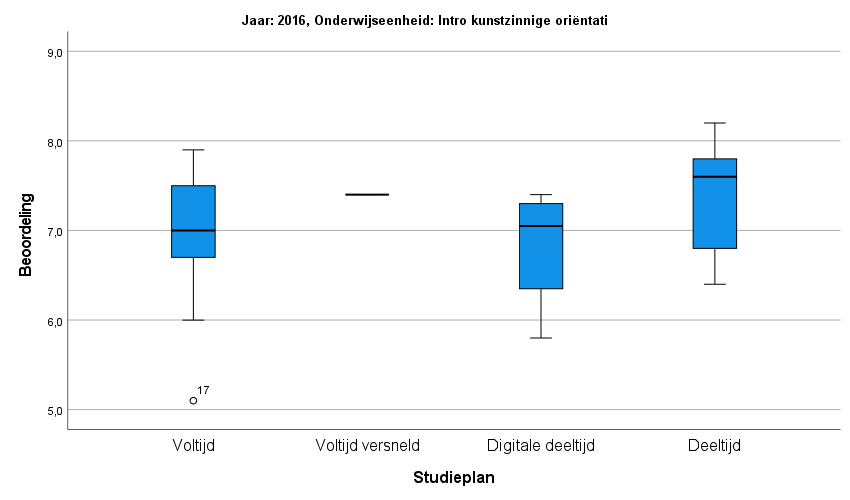
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| --- | --- | --- | --- | --- | --- |
| **Report** | | | | | |
| Beoordeling | | | | | |
| Jaar | Studieplan | Mean | N | Std. Deviation | Median |
| 2016 | Voltijd | 6,918 | 128 | ,8115 | 6,950 |
| Voltijd versneld | 7,350 | 2 | ,0707 | 7,350 |
| Digitale deeltijd | 6,892 | 12 | ,7891 | 7,200 |
| Deeltijd | 7,150 | 38 | ,8726 | 7,200 |
| Total | 6,970 | 180 | ,8208 | 7,000 |
| 2017 | Voltijd | 7,146 | 370 | ,7462 | 7,200 |
| Voltijd versneld | 7,667 | 3 | 1,1240 | 7,400 |
| Digitale deeltijd | 7,087 | 23 | ,7582 | 7,000 |
| Deeltijd | 7,236 | 97 | ,6898 | 7,200 |
| Flexibele deeltijd | 7,105 | 22 | ,9358 | 7,100 |
| Deeltijd versneld | 7,200 | 2 | ,9899 | 7,200 |
| Total | 7,162 | 517 | ,7461 | 7,200 |
| 2018 | Voltijd | 7,059 | 395 | ,7713 | 7,100 |
| Voltijd versneld | 7,622 | 9 | ,4711 | 7,600 |
| Digitale deeltijd | 6,945 | 65 | ,6157 | 6,900 |
| Deeltijd | 7,257 | 99 | ,7200 | 7,300 |
| Flexibele deeltijd | 7,109 | 119 | ,9450 | 7,300 |
| Deeltijd versneld | 7,567 | 6 | ,5428 | 7,800 |
| Total | 7,097 | 693 | ,7851 | 7,200 |
| 2019 | Voltijd | 6,886 | 262 | ,9753 | 7,000 |
| Voltijd versneld | 7,283 | 6 | ,4834 | 7,300 |
| Digitale deeltijd | 7,094 | 51 | ,5753 | 7,100 |
| Deeltijd | 7,014 | 91 | ,8685 | 7,100 |
| Flexibele deeltijd | 7,217 | 117 | ,7573 | 7,300 |
| Deeltijd versneld | 7,191 | 23 | ,7728 | 7,100 |
| Total | 7,014 | 550 | ,8790 | 7,100 |
| 2020 | Voltijd | 6,825 | 110 | 1,1236 | 7,000 |
| Digitale deeltijd | 5,921 | 14 | 2,1477 | 6,650 |
| Deeltijd | 6,887 | 71 | 1,4498 | 7,100 |
| Flexibele deeltijd | 5,475 | 4 | 3,4798 | 6,100 |
| Total | 6,756 | 199 | 1,4197 | 7,000 |

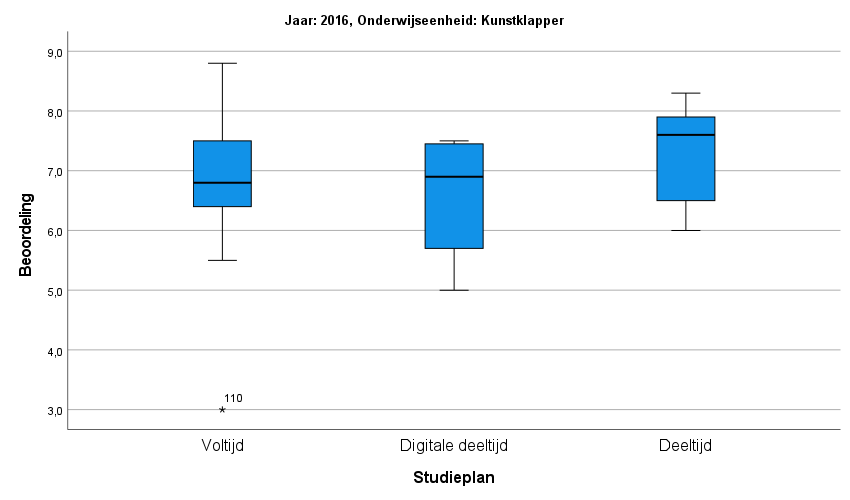
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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | | | |
| Beoordeling | | | | | | | |
| Jaar | | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | |
| Lower Bound | Upper Bound |
| 2016 | Voltijd | 128 | 6,918 | ,8115 | ,0717 | 6,776 | 7,060 |
| Voltijd versneld | 2 | 7,350 | ,0707 | ,0500 | 6,715 | 7,985 |
| Digitale deeltijd | 12 | 6,892 | ,7891 | ,2278 | 6,390 | 7,393 |
| Deeltijd | 38 | 7,150 | ,8726 | ,1416 | 6,863 | 7,437 |
| Total | 180 | 6,970 | ,8208 | ,0612 | 6,849 | 7,091 |
| 2017 | Voltijd | 370 | 7,146 | ,7462 | ,0388 | 7,070 | 7,223 |
| Voltijd versneld | 3 | 7,667 | 1,1240 | ,6489 | 4,875 | 10,459 |
| Digitale deeltijd | 23 | 7,087 | ,7582 | ,1581 | 6,759 | 7,415 |
| Deeltijd | 97 | 7,236 | ,6898 | ,0700 | 7,097 | 7,375 |
| Flexibele deeltijd | 22 | 7,105 | ,9358 | ,1995 | 6,690 | 7,519 |
| Deeltijd versneld | 2 | 7,200 | ,9899 | ,7000 | -1,694 | 16,094 |
| Total | 517 | 7,162 | ,7461 | ,0328 | 7,098 | 7,227 |
| 2018 | Voltijd | 395 | 7,059 | ,7713 | ,0388 | 6,982 | 7,135 |
| Voltijd versneld | 9 | 7,622 | ,4711 | ,1570 | 7,260 | 7,984 |
| Digitale deeltijd | 65 | 6,945 | ,6157 | ,0764 | 6,792 | 7,097 |
| Deeltijd | 99 | 7,257 | ,7200 | ,0724 | 7,113 | 7,400 |
| Flexibele deeltijd | 119 | 7,109 | ,9450 | ,0866 | 6,938 | 7,281 |
| Deeltijd versneld | 6 | 7,567 | ,5428 | ,2216 | 6,997 | 8,136 |
| Total | 693 | 7,097 | ,7851 | ,0298 | 7,038 | 7,155 |
| 2019 | Voltijd | 262 | 6,886 | ,9753 | ,0603 | 6,767 | 7,005 |
| Voltijd versneld | 6 | 7,283 | ,4834 | ,1973 | 6,776 | 7,791 |
| Digitale deeltijd | 51 | 7,094 | ,5753 | ,0806 | 6,932 | 7,256 |
| Deeltijd | 91 | 7,014 | ,8685 | ,0910 | 6,833 | 7,195 |
| Flexibele deeltijd | 117 | 7,217 | ,7573 | ,0700 | 7,078 | 7,356 |
| Deeltijd versneld | 23 | 7,191 | ,7728 | ,1611 | 6,857 | 7,525 |
| Total | 550 | 7,014 | ,8790 | ,0375 | 6,940 | 7,088 |
| 2020 | Voltijd | 110 | 6,825 | 1,1236 | ,1071 | 6,612 | 7,037 |
| Digitale deeltijd | 14 | 5,921 | 2,1477 | ,5740 | 4,681 | 7,161 |
| Deeltijd | 71 | 6,887 | 1,4498 | ,1721 | 6,544 | 7,230 |
| Flexibele deeltijd | 4 | 5,475 | 3,4798 | 1,7399 | -,062 | 11,012 |
| Total | 199 | 6,756 | 1,4197 | ,1006 | 6,558 | 6,955 |

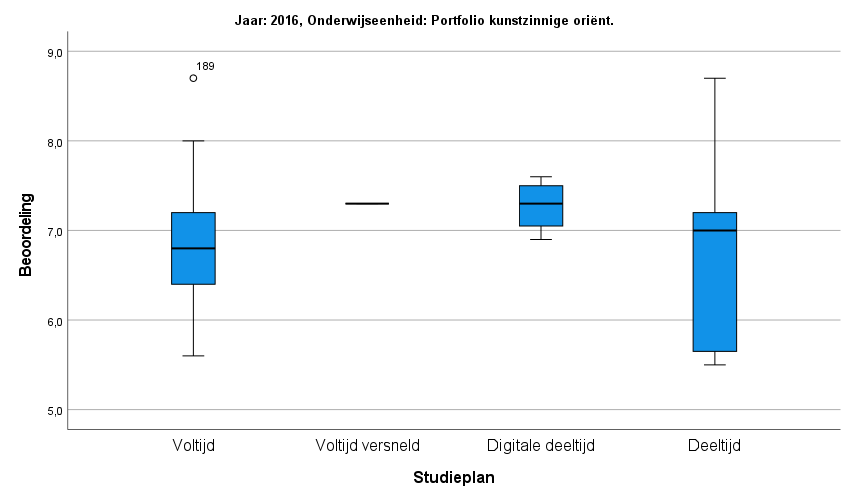
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| --- | --- | --- | --- |
| **Descriptives** | | | |
| Beoordeling | | | |
| Jaar | | Minimum | Maximum |
|
| 2016 | Voltijd | 3,0 | 8,8 |
| Voltijd versneld | 7,3 | 7,4 |
| Digitale deeltijd | 5,0 | 7,6 |
| Deeltijd | 5,5 | 8,7 |
| Total | 3,0 | 8,8 |
| 2017 | Voltijd | 1,0 | 9,1 |
| Voltijd versneld | 6,7 | 8,9 |
| Digitale deeltijd | 5,9 | 8,7 |
| Deeltijd | 5,6 | 9,2 |
| Flexibele deeltijd | 5,0 | 8,7 |
| Deeltijd versneld | 6,5 | 7,9 |
| Total | 1,0 | 9,2 |
| 2018 | Voltijd | 3,9 | 8,8 |
| Voltijd versneld | 6,8 | 8,3 |
| Digitale deeltijd | 5,5 | 8,9 |
| Deeltijd | 5,6 | 8,6 |
| Flexibele deeltijd | 2,5 | 9,5 |
| Deeltijd versneld | 6,7 | 8,1 |
| Total | 2,5 | 9,5 |
| 2019 | Voltijd | 1,0 | 8,6 |
| Voltijd versneld | 6,5 | 8,0 |
| Digitale deeltijd | 5,7 | 8,1 |
| Deeltijd | 4,0 | 8,8 |
| Flexibele deeltijd | 4,5 | 8,5 |
| Deeltijd versneld | 5,5 | 8,5 |
| Total | 1,0 | 8,8 |
| 2020 | Voltijd | 1,1 | 9,3 |
| Digitale deeltijd | 1,1 | 7,9 |
| Deeltijd | 1,0 | 10,0 |
| Flexibele deeltijd | 1,0 | 8,7 |
| Total | 1,0 | 10,0 |

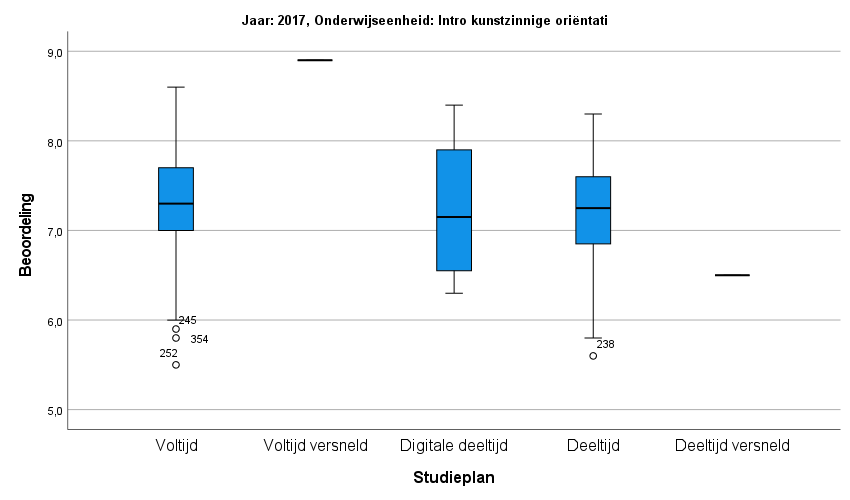
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| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Homogeneity of Variances** | | | | | | |
| Jaar | | | Levene Statistic | df1 | df2 | Sig. |
| 2016 | Beoordeling | Based on Mean | 1,243 | 3 | 176 | ,296 |
| Based on Median | 1,250 | 3 | 176 | ,293 |
| Based on Median and with adjusted df | 1,250 | 3 | 171,779 | ,293 |
| Based on trimmed mean | 1,243 | 3 | 176 | ,296 |
| 2017 | Beoordeling | Based on Mean | ,769 | 5 | 511 | ,572 |
| Based on Median | ,680 | 5 | 511 | ,639 |
| Based on Median and with adjusted df | ,680 | 5 | 493,751 | ,639 |
| Based on trimmed mean | ,785 | 5 | 511 | ,561 |
| 2018 | Beoordeling | Based on Mean | 1,432 | 5 | 687 | ,210 |
| Based on Median | 1,293 | 5 | 687 | ,265 |
| Based on Median and with adjusted df | 1,293 | 5 | 588,801 | ,265 |
| Based on trimmed mean | 1,275 | 5 | 687 | ,273 |
| 2019 | Beoordeling | Based on Mean | 1,417 | 5 | 544 | ,216 |
| Based on Median | 1,273 | 5 | 544 | ,274 |
| Based on Median and with adjusted df | 1,273 | 5 | 465,486 | ,274 |
| Based on trimmed mean | 1,338 | 5 | 544 | ,247 |
| 2020 | Beoordeling | Based on Mean | 6,869 | 3 | 195 | ,000 |
| Based on Median | 5,428 | 3 | 195 | ,001 |
| Based on Median and with adjusted df | 5,428 | 3 | 132,681 | ,001 |
| Based on trimmed mean | 6,224 | 3 | 195 | ,000 |

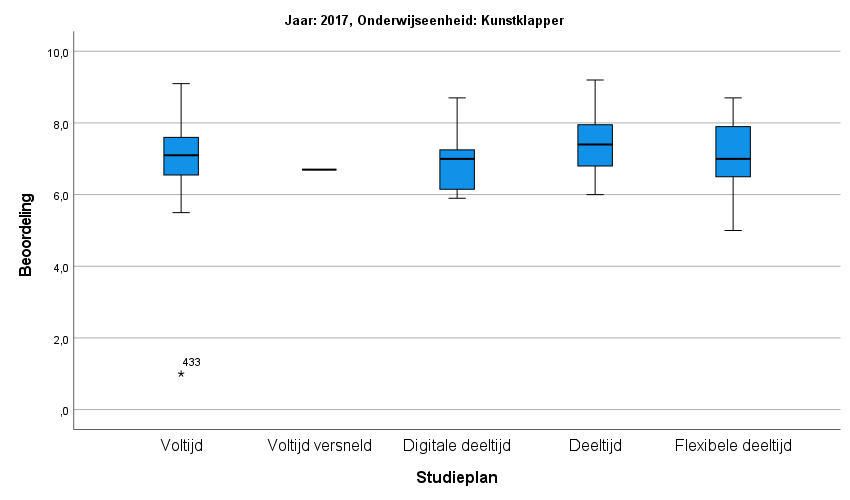
**Boxplots**

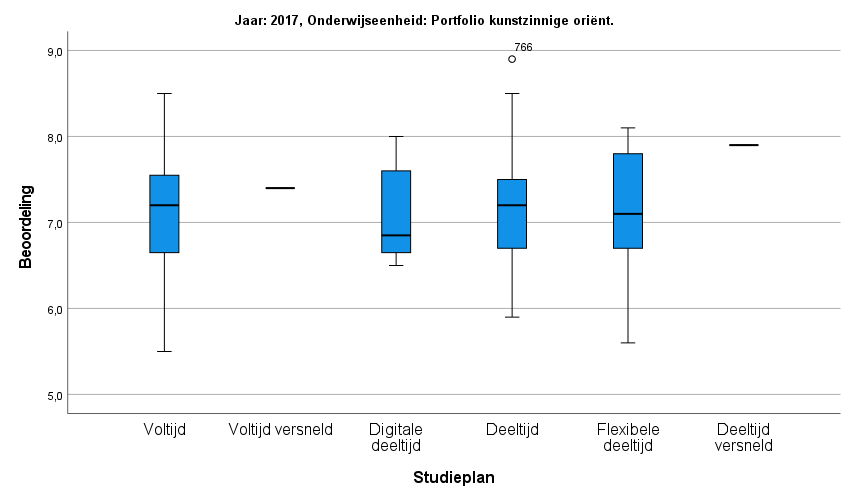


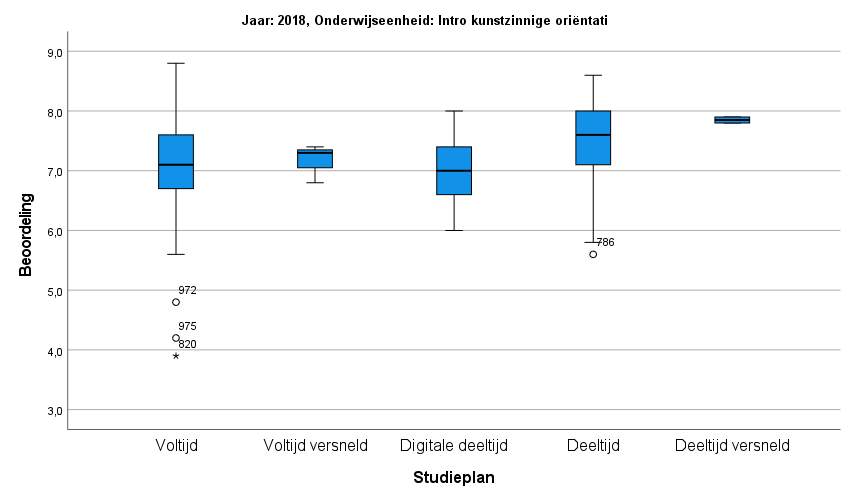


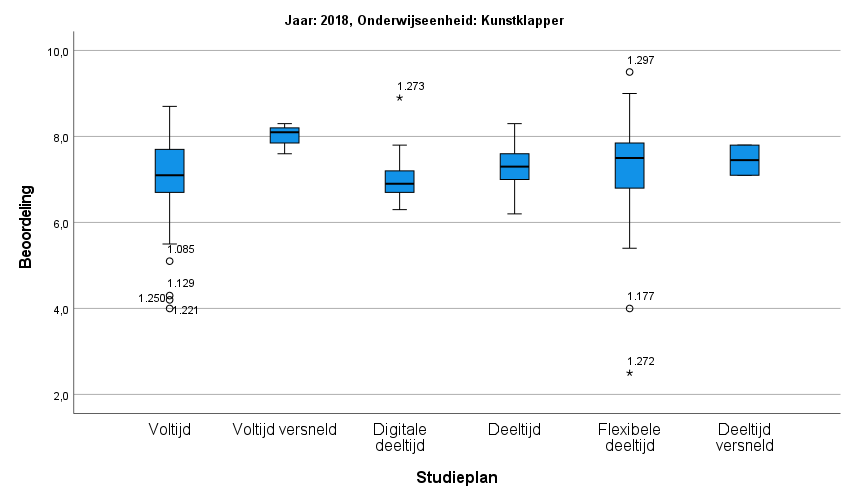


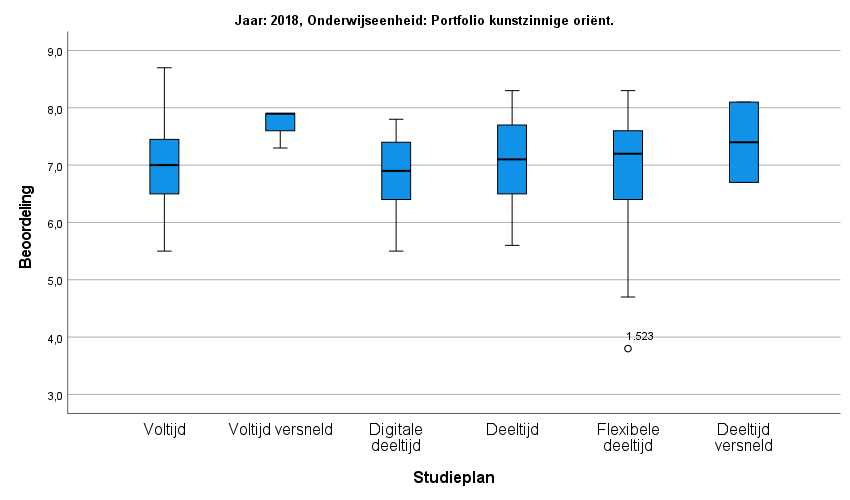


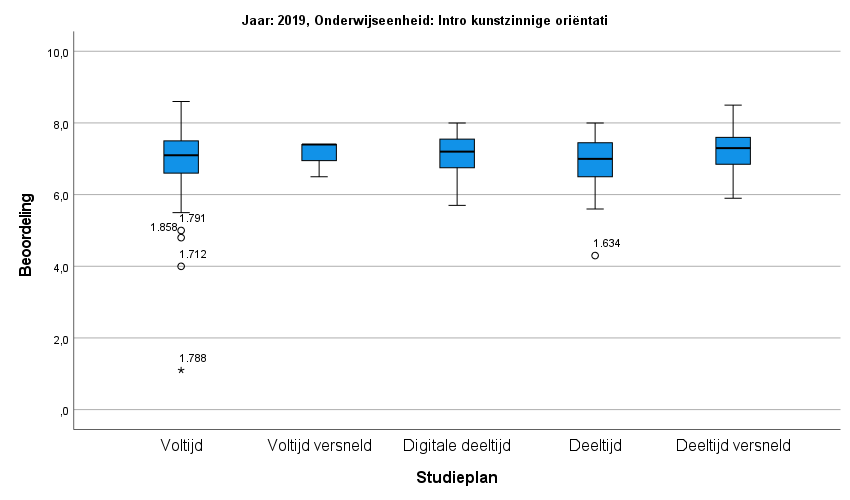


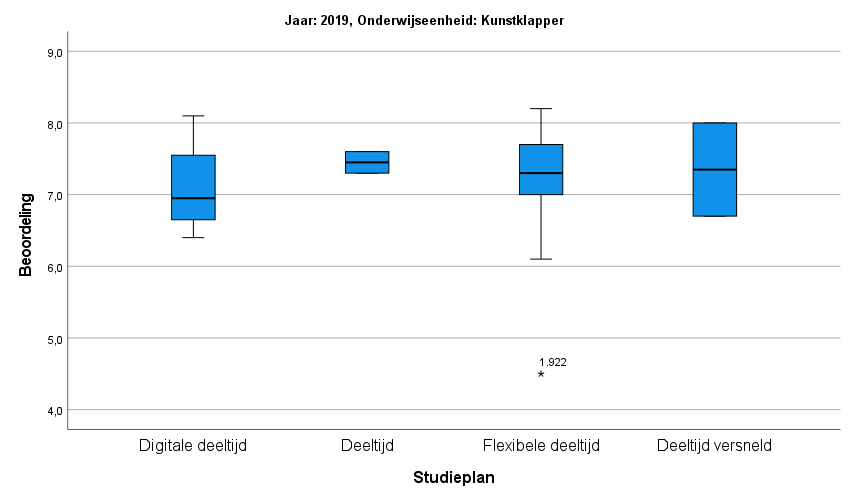


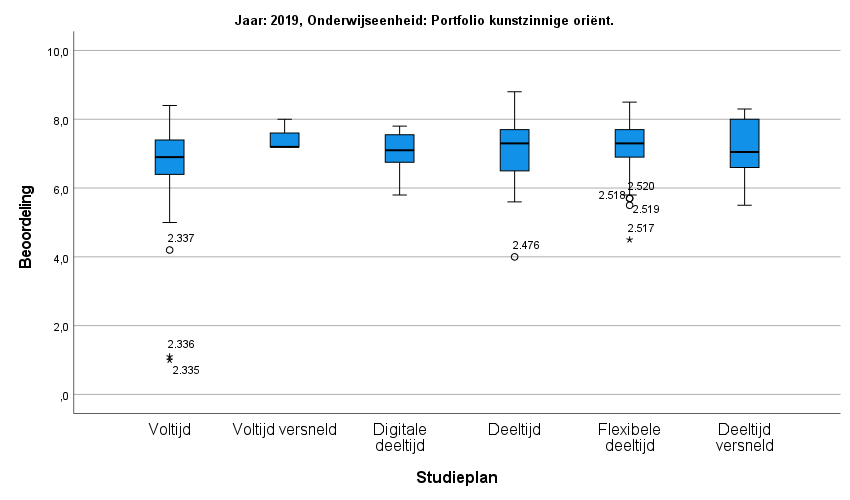


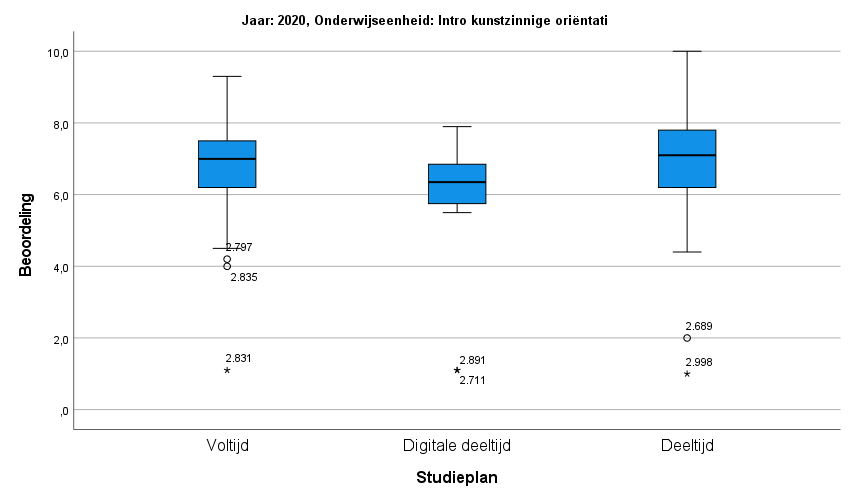






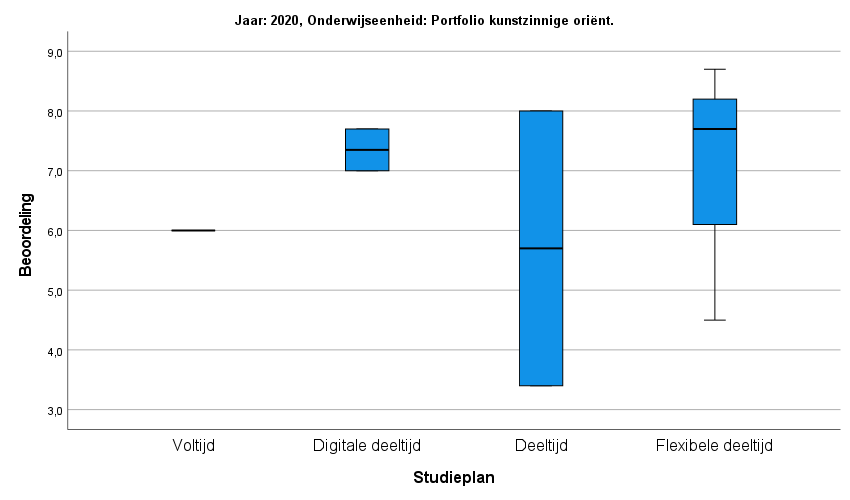






Afbeelding met tekst

Automatisch gegenereerde beschrijving



|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | | | |
| Beoordeling | | | | | | | |
| Jaar | Onderwijseenheid | | Sum of Squares | df | Mean Square | F | Sig. |
| 2016 | Intro kunstzinnige oriëntati | Between Groups | 1,821 | 3 | ,607 | 1,623 | ,193 |
| Within Groups | 22,429 | 60 | ,374 |  |  |
| Total | 24,250 | 63 |  |  |  |
| Kunstklapper | Between Groups | 2,209 | 2 | 1,105 | ,951 | ,394 |
| Within Groups | 54,600 | 47 | 1,162 |  |  |
| Total | 56,810 | 49 |  |  |  |
| Portfolio kunstzinnige oriënt. | Between Groups | ,836 | 3 | ,279 | ,467 | ,706 |
| Within Groups | 36,984 | 62 | ,597 |  |  |
| Total | 37,819 | 65 |  |  |  |
| 2017 | Intro kunstzinnige oriëntati | Between Groups | 3,435 | 4 | ,859 | 2,328 | ,058 |
| Within Groups | 61,606 | 167 | ,369 |  |  |
| Total | 65,042 | 171 |  |  |  |
| Kunstklapper | Between Groups | 2,827 | 4 | ,707 | ,819 | ,515 |
| Within Groups | 134,578 | 156 | ,863 |  |  |
| Total | 137,405 | 160 |  |  |  |
| Portfolio kunstzinnige oriënt. | Between Groups | ,820 | 5 | ,164 | ,362 | ,874 |
| Within Groups | 80,556 | 178 | ,453 |  |  |
| Total | 81,376 | 183 |  |  |  |
| 2018 | Intro kunstzinnige oriëntati | Between Groups | 3,698 | 4 | ,925 | 1,784 | ,133 |
| Within Groups | 103,110 | 199 | ,518 |  |  |
| Total | 106,808 | 203 |  |  |  |
| Kunstklapper | Between Groups | 4,085 | 5 | ,817 | 1,042 | ,394 |
| Within Groups | 163,042 | 208 | ,784 |  |  |
| Total | 167,127 | 213 |  |  |  |
| Portfolio kunstzinnige oriënt. | Between Groups | 2,819 | 5 | ,564 | 1,049 | ,389 |
| Within Groups | 144,616 | 269 | ,538 |  |  |
| Total | 147,435 | 274 |  |  |  |
| 2019 | Intro kunstzinnige oriëntati | Between Groups | 1,365 | 4 | ,341 | ,492 | ,742 |
| Within Groups | 158,212 | 228 | ,694 |  |  |
| Total | 159,578 | 232 |  |  |  |
| Kunstklapper | Between Groups | ,213 | 3 | ,071 | ,117 | ,950 |
| Within Groups | 17,676 | 29 | ,610 |  |  |
| Total | 17,890 | 32 |  |  |  |
| Portfolio kunstzinnige oriënt. | Between Groups | 11,314 | 5 | 2,263 | 2,689 | ,022 |
| Within Groups | 233,964 | 278 | ,842 |  |  |
| Total | 245,278 | 283 |  |  |  |
| 2020 | Intro kunstzinnige oriëntati | Between Groups | 16,086 | 2 | 8,043 | 4,620 | ,011 |
| Within Groups | 325,532 | 187 | 1,741 |  |  |
| Total | 341,618 | 189 |  |  |  |
| Portfolio kunstzinnige oriënt. | Between Groups | 3,503 | 3 | 1,168 | ,228 | ,872 |
| Within Groups | 20,452 | 4 | 5,113 |  |  |
| Total | 23,955 | 7 |  |  |  |

Afbeelding met tafel

Automatisch gegenereerde beschrijving