|  |  |  |  |
| --- | --- | --- | --- |
|  | Total score  of the sensory disturbances questionnaire | Subgroup 1  (new pain, discomfort, losing a limb, heavier, lighter, hotter and colder) | Subgroup 2  (feelings of peculiarity and the impression to have an extra limb) |
| Visual feedback | **F(1,135)=219, p<0.001, ŋ2p=0.29** | **F(1,135)=176.4, p<0.0001, ŋ2p=0.29** | **F(1,135)=118.93, p<0.01, ŋ2p=0.20** |
| Pain intensity | **F(1,135)=68.9, p<0.001, ŋ2p=0.34** | **F(1,135)=71.35, p<0.001, ŋ2p=0.34** | **F(1,135)=36.33, p<0.001, ŋ2p=0.20** |
| Group | F(3,133)=2.1, p=0.10 | F(3,133)=2.4, p=0.065 | F(3,133)=0.77, p=0.51 |
| Visual feedback X Pain intensity | **F(1,135)=36.4, p<0.0001, ŋ2p=0.21** | **F(1,135)=47.31, p<0.0001, ŋ2p=0.25** | F(1,135)=0.69, p=0.41 |
| Visual feedback X Group | **F(3,133)=11.1, p<0.001, ŋ2p=0.06**  During Incongruent VF condition :  **HV vs. CRPS : p=0.001**  **HV vs. FM : p=0.001**  HV vs. Arthritis: p=0.99  CRPS vs. FM: p=0.96  **CRPS vs. Arthritis: p=0.002**  **FM vs. Arthritis: p= 0.005** | **F(3,133)=14.39, p<0.0001, ŋ2p=0.08**  During Incongruent VF condition :  **HV vs. CRPS : p=0.001**  **HV vs. FM : p=0.001**  HV vs. Arthritis: p=0.92  CRPS vs. FM: p=0.99  **CRPS vs. Arthritis: p=0.001**  **FM vs. Arthritis: p= 0.01** | F(3,133)=1.25, p=0.29 |
| Significant effects are in bold. Comparisons between groups were Tukey corrected for multiple comparisons. CRPS: complex regional pain syndrome;  FM: fibromyalgia; HV: healthy volunteers; VF: visual feedback. | | | |

**Table 3: F, p-values and effect sizes for the ANCOVA results of the Total Score, Subgroup 1 and Subgroup 2.**