

## Supporting information

**S1 Table.** Results of the mixed ANOVA, coded according to the side of space (i.e. left vs. right), with *workspace* (ipsilateral vs. contralateral), *vision of the hands* (visible vs. invisible), *position of the static hand* (inside vs. outside the workspace) and *distance of the line from the starting position* (short vs. intermediate vs. long) as within-participant factors, and *which hand is used* (left vs. right) and *group* (CRPS vs. control) as between-participant factors.

Factors	F	<i>p</i>	$\eta^2_p$
<i>Group</i>	5.483	.027	.174
<i>Which hand is used</i>	0.205	.655	.008
<i>Group</i> × <i>Which hand is used</i>	2.559	.122	.090
<i>Workspace</i>	0.479	.495	.018
<i>Workspace</i> × <i>Group</i>	1.110	.302	.041
<i>Workspace</i> × <i>Which hand is used</i>	0.035	.853	.001
<i>Workspace</i> × <i>Group</i> × <i>Which hand is used</i>	4.320	.048	.142
<i>Vision of the hands</i>	0.041	.841	.002

<i>Vision of the hands × Group</i>	0.000	.989	.000
<i>Vision of the hands × Which hand is used</i>	3.632	.068	.123
<i>Vision of the hands × Group × Which hand is used</i>	8.606	.007	.249
<i>Position of the static hand</i>	3.773	.063	.127
<i>Position of the static hand × Group</i>	2.826	.105	.098
<i>Position of the static hand × Which hand is used</i>	0.437	.515	.017
<i>Position of the static hand × Group × Which hand is used</i>	0.840	.368	.031
<i>Line distance</i>	2.905	.064	.100
<i>Line distance × Group</i>	3.680	.032	.124
<i>Line distance × Which hand is used</i>	2.298	.111	.081
<i>Line distance × Group × Which hand is used</i>	1.948	.153	.070
<i>Workspace × Vision of the hands</i>	0.046	.832	.002
<i>Workspace × Vision of the hands × Group</i>	0.105	.749	.004
<i>Workspace × Vision of the hands × Which hand is used</i>	0.008	.931	.000
<i>Workspace × Vision of the hands × Group × Which hand is used</i>	0.013	.908	.001

<i>Workspace × Position of the static hand</i>	0.069	.795	.003
<i>Workspace × Position of the static hand × Group</i>	0.438	.514	.017
<i>Workspace × Position of the static hand × Which hand is used</i>	0.309	.583	.012
<i>Workspace × Position of the static hand × Group × Which hand is used</i>	0.996	.327	.037
<i>Vision of the hands × Position of the static hand</i>	0.082	.777	.003
<i>Vision of the hands × Position of the static hand × Group</i>	2.736	.110	.095
<i>Vision of the hands × Position of the static hand × Which hand is used</i>	1.712	.202	.062
<i>Vision of the hands × Position of the static hand × Group × Which hand is used</i>	2.225	.148	.079
<i>Workspace × Vision of the hands × Position of the static hand</i>	0.377	.544	.014
<i>Workspace × Vision of the hands × Position of the static hand × Group</i>	0.007	.935	.000
<i>Workspace × Vision of the hands × Position of the static hand × Which hand is used</i>	3.625	.068	.122
<i>Workspace × Vision of the hands × Position of the static hand × Group × Which hand is used</i>	0.027	.871	.001
<i>Workspace × Line distance</i>	5.621	.006	.178
<i>Workspace × Line distance × Group</i>	6.150	.004	.191
<i>Workspace × Line distance × Which hand is used</i>	3.318	.044	.113

<i>Workspace × Line distance × Group × Which hand is used</i>	1.398	.256	.051
<i>Vision of the hands × Line distance</i>	0.085	.918	.003
<i>Vision of the hands × Line distance × Group</i>	0.022	.978	.001
<i>Vision of the hands × Line distance × Which hand is used</i>	0.920	.405	.034
<i>Vision of the hands × Line distance × Group × Which hand is used</i>	0.032	.968	.001
<i>Workspace × Vision of the hands × Line distance</i>	5.188	.020	.166
<i>Workspace × Vision of the hands × Line distance × Group</i>	0.474	.625	.018
<i>Workspace × Vision of the hands × Line distance × Which hand is used</i>	4.250	.020	.140
<i>Workspace × Vision of the hands × Line distance × Group × Which hand is used</i>	2.394	.101	.084
<i>Position of the static hand × Line distance</i>	1.740	.186	.063
<i>Position of the static hand × Line distance × Group</i>	0.887	.418	.033
<i>Position of the static hand × Line distance × Which hand is used</i>	6.787	.002	.207
<i>Position of the static hand × Line distance × Group × Which hand is used</i>	1.800	.175	.065
<i>Workspace × Position of the static hand × Line distance</i>	2.788	.071	.097
<i>Workspace × Position of the static hand × Line distance × Group</i>	1.966	.150	.070

<i>Workspace × Position of the static hand × Line distance × Which hand is used</i>	2.319	.108	.082
<i>Workspace × Position of the static hand × Line distance × Group × Which hand is used</i>	1.426	.249	.052
<i>Vision of the hands × Position of the static hand × Line distance</i>	0.068	.892	.003
<i>Vision of the hands × Position of the static hand × Line distance × Group</i>	1.101	.340	.041
<i>Vision of the hands × Position of the static hand × Line distance × Which hand is used</i>	0.711	.496	.027
<i>Vision of the hands × Position of the static hand × Line distance × Group × Which hand is used</i>	0.671	.515	.025
<i>Workspace × Vision of the hands × Position of the static hand × Line distance</i>	0.001	.999	.000
<i>Workspace × Vision of the hands × Position of the static hand × Line distance × Group</i>	1.951	.152	.070
<i>Workspace × Vision of the hands × Position of the static hand × Line distance × Which hand is used</i>	0.710	.497	.027
<i>Workspace × Vision of the hands × Position of the static hand × Line distance × Group × Which hand is used</i>	0.512	.602	.019