

Part 1 Intuitiveness post-hoc pair-wise analysis

Compared with pitch-positive for quantitative data

	Value	Std. Error	t value	p value
tap_p	-0.5392606	0.5720323	-0.9427101	0.346
len_p	-1.7590615	0.5723578	-3.0733600	0.002
vol_p	-2.0378870	0.5954856	-3.4222271	0.001
pit_n	-1.7079816	0.5936142	-2.8772586	0.004
len_n	-2.4017391	0.5880008	-4.0845847	0.000
tap_n	-2.3156832	0.6243124	-3.7091735	0.000
tim_p	-2.7704696	0.6005619	-4.6131291	0.000
vol_n	-3.2897898	0.6025329	-5.4599339	0.000
pan_p	-3.1084259	0.6096762	-5.0984867	0.000
pan_n	-3.2138114	0.6120521	-5.2508788	0.000

Compared with pitch-positive for ordinal data

	Value	Std. Error	t value	p value
tap_p	-1.14912089	0.5825026	-1.97273084	0.049
len_p	-1.90575053	0.5750157	-3.31425798	0.001
vol_p	-2.45947251	0.6229699	-3.94797997	0.000
pit_n	-2.41737160	0.6037959	-4.00362397	0.000
len_n	-2.98408637	0.6046992	-4.93482790	0.000
tap_n	-2.90295257	0.6205124	-4.67831506	0.000
tim_p	-3.65413650	0.6391190	-5.71745837	0.000
vol_n	-3.33035418	0.6204374	-5.36775230	0.000
pan_p	-3.87963843	0.6224750	-6.23260169	0.000
pan_n	-4.06079811	0.6242294	-6.50529784	0.000

Compared with volume-positive | quantitative data

	Value	Std. Error	t value	p value
tap_p	1.4987805	0.5886035	2.5463332	0.011
len_p	0.2790872	0.5621085	0.4965005	0.620
pit_p	2.0374223	0.5954699	3.4215370	0.001
pit_n	0.3301157	0.5884070	0.5610330	0.575
len_n	-0.3640163	0.5701781	-0.6384257	0.523
tap_n	-0.2776034	0.6126508	-0.4531185	0.650
tim_p	-0.7325565	0.5780600	-1.2672674	0.205
vol_n	-1.2518940	0.5771374	-2.1691440	0.030
pan_p	-1.0707513	0.5851285	-1.8299423	0.067
pan_n	-1.1751513	0.5877222	-1.9995013	0.046

Compared with volume-positive | ordinal data

	Value	Std. Error	t value	p value
tap_p	1.31035982	0.6064438	2.16072766	0.031
len_p	0.55365965	0.5738309	0.96484802	0.335
pit_p	2.45952589	0.6229749	3.94803348	0.000
pit_n	0.04207865	0.5948790	0.07073481	0.944
len_n	-0.52467552	0.5863703	-0.89478536	0.371
tap_n	-0.44371953	0.6058702	-0.73236729	0.464
tim_p	-1.19488636	0.6150222	-1.94283437	0.052
vol_n	-0.87076230	0.6004202	-1.45025475	0.147
pan_p	-1.42021511	0.5979253	-2.37523824	0.018
pan_n	-1.60149794	0.5969900	-2.68262109	0.007

Compared with panning-positive | quantitative data

	Value	Std. Error	t value	p value
tap_p	2.5692928	0.6014493	4.2718360	0.000
len_p	1.3495469	0.5683257	2.3746012	0.018
pit_p	3.1078068	0.6096527	5.0976674	0.000
pit_n	1.4003844	0.5957603	2.3505838	0.019
len_n	0.7065579	0.5710862	1.2372177	0.216
tap_n	0.7927630	0.6145802	1.2899262	0.197
tim_p	0.3381925	0.5743968	0.5887785	0.556
vol_n	-0.1812852	0.5705881	-0.3177164	0.751
vol_p	1.0705816	0.5851192	1.8296813	0.067
pan_n	-0.1055386	0.5818045	-0.1813987	0.856

Compared with panning-positive | ordinal data

	Value	Std. Error	t value	p value
tap_p	2.7304257	0.6023891	4.5326615	0.000
len_p	1.9735636	0.5647148	3.4947968	0.000
pit_p	3.8793051	0.6224672	6.2321435	0.000
pit_n	1.4620563	0.5820135	2.5120659	0.012
len_n	0.8953871	0.5681439	1.5759864	0.115
tap_n	0.9762009	0.5888366	1.6578468	0.097
tim_p	0.2253104	0.5903751	0.3816395	0.703
vol_n	0.5491155	0.5798611	0.9469777	0.344
vol_p	1.4199765	0.5979125	2.3748901	0.018
pan_n	-0.1815660	0.5700242	-0.3185233	0.750

1

Compared with tapping-positive | quantitative data

	Value	Std. Error	t value	p value
pan_p	-2.5692176	0.6014541	-4.2716768	0.000
len_p	-1.2195602	0.5654005	-2.1569848	0.031
pit_p	0.5387869	0.5720216	0.9418996	0.346
pit_n	-1.1685491	0.5879814	-1.9873913	0.047
len_n	-1.8626527	0.5801493	-3.2106434	0.001
tap_n	-1.7762919	0.6181235	-2.8736845	0.004
tim_p	-2.2310598	0.5924568	-3.7657766	0.000
vol_n	-2.7506994	0.5940980	-4.6300429	0.000
vol_p	-1.4985776	0.5886030	-2.5459905	0.011
pan_n	-2.6744122	0.6038528	-4.4289143	0.000

Compared with tapping-positive | ordinal data

	Value	Std. Error	t value	p value
pan_p	-2.7304626	0.6023953	-4.532676	0.000
len_p	-0.7564013	0.5593194	-1.352360	0.176
pit_p	1.1495582	0.5825104	1.973455	0.048
pit_n	-1.2679710	0.5867000	-2.161191	0.031

len_n	-1.8347408	0.5851808	-3.135340	0.002
tap_n	-1.7538926	0.6027147	-2.909988	0.004
tim_p	-2.5047077	0.6198756	-4.040662	0.000
vol_n	-2.1808854	0.6012745	-3.627104	0.000
vol_p	-1.3101164	0.6064380	-2.160347	0.031
pan_n	-2.9115706	0.6038112	-4.821988	0.000

Compared with length-positive | quantitative data

	Value	Std. Error	t value	p value
pan_p	-1.34901172	0.5683300	-2.37364159	0.018
tap_p	1.22022052	0.5654030	2.15814315	0.031
pit_p	1.75887376	0.5723453	3.07309896	0.002
pit_n	0.05157057	0.5666933	0.09100261	0.927
len_n	-0.64257681	0.5502668	-1.16775495	0.243
tap_n	-0.55615958	0.5937854	-0.93663405	0.349
tim_p	-1.01087984	0.5602120	-1.80445933	0.071
vol_n	-1.53053683	0.5602412	-2.73192497	0.006
vol_p	-0.27858020	0.5621058	-0.49560100	0.620
pan_n	-1.45418663	0.5709720	-2.54686165	0.011

Compared with length-positive | ordinal data

	Value	Std. Error	t value	p value
pan_p	-1.97388166	0.5647267	-3.49528662	0.000
tap_p	0.75670105	0.5593244	1.35288399	0.176
pit_p	1.90588226	0.5750213	3.31445530	0.001
pit_n	-0.51159211	0.5533933	-0.92446384	0.355
len_n	-1.07833204	0.5482925	-1.96670959	0.049
tap_n	-0.99736809	0.5684368	-1.75458052	0.079
tim_p	-1.74854765	0.5834948	-2.99668094	0.003
vol_n	-1.42442980	0.5650033	-2.52109984	0.012
vol_p	-0.55382849	0.5738308	-0.96514249	0.334
pan_n	-2.15517357	0.5654712	-3.81128796	0.000

Compared with timbre | quantitative data

	Value	Std. Error	t value	p value
pan_p	-0.3379339	0.5744102	-0.5883146	0.556
tap_p	2.2311163	0.5924574	3.7658677	0.000
pit_p	2.7701591	0.6005518	4.6126898	0.000
pit_n	1.0626784	0.5877934	1.8079116	0.071
len_n	0.3688114	0.5643102	0.6535614	0.513
tap_n	0.4549081	0.6082309	0.7479200	0.455
len_p	1.0117535	0.5602226	1.8059848	0.071
vol_n	-0.5194726	0.5659398	-0.9178937	0.359
vol_p	0.7324418	0.5780657	1.2670564	0.205
pan_n	-0.4431021	0.5770900	-0.7678215	0.443

Compared with timbre | ordinal data

	Value	Std. Error	t value	p value
pan_p	-0.22541939	0.5903869	-0.38181641	0.703
tap_p	2.50513445	0.6198806	4.04131763	0.000
pit_p	3.65431968	0.6391245	5.71769583	0.000
pit_n	1.23687348	0.5998550	2.06195414	0.039
len_n	0.67014240	0.5858834	1.14381538	0.253
tap_n	0.75107260	0.6059756	1.23944371	0.215
len_p	1.74843483	0.5834944	2.99648951	0.003
vol_n	0.32403516	0.5969234	0.54284212	0.587
vol_p	1.19461148	0.6150196	1.94239573	0.052
pan_n	-0.40671174	0.5866896	-0.69323149	0.488

Compared with pitch-negative | quantitative data

	Value	Std. Error	t value	p value
pan_p	-1.40077360	0.5957692	-2.35120160	0.019
tap_p	1.16891536	0.5879832	1.98800793	0.047
pit_p	1.70746510	0.5935974	2.87646979	0.004
tim_p	-1.06178538	0.5877877	-1.80640957	0.071
len_n	-0.69371002	0.5776614	-1.20089387	0.230
tap_n	-0.60750375	0.6185330	-0.98216864	0.326
len_p	-0.05073983	0.5666954	-0.08953634	0.929
vol_n	-1.58140410	0.5880523	-2.68922362	0.007
vol_p	-0.32988232	0.5884064	-0.56063689	0.575
pan_n	-1.50576049	0.5982332	-2.51701263	0.012

Compared with pitch-negative | ordinal data

	Value	Std. Error	t value	p value
pan_p	-1.46227898	0.5820250	-2.51239897	0.012
tap_p	1.26829610	0.5867055	2.16172519	0.031
pit_p	2.41743457	0.6038000	4.00370085	0.000
tim_p	-1.23696578	0.5998536	-2.06211292	0.039
len_n	-0.56675823	0.5687325	-0.99652861	0.319
tap_n	-0.48579935	0.5886414	-0.82528909	0.409
len_p	0.51155485	0.5533924	0.92439808	0.355
vol_n	-0.91287282	0.5838038	-1.56366370	0.118
vol_p	-0.04223454	0.5948775	-0.07099703	0.943
pan_n	-1.64356634	0.5816712	-2.82559346	0.005

Compared with volume-negative | quantitative data

	Value	Std. Error	t value	p value
pan_p	0.18158849	0.5705908	0.31824645	0.750
tap_p	2.75064528	0.5940917	4.63000123	0.000
pit_p	3.28928180	0.6025104	5.45929454	0.000
tim_p	0.51939265	0.5659259	0.91777508	0.359
len_n	0.88808618	0.5628222	1.57791592	0.115
tap_n	0.97417119	0.6067931	1.60544214	0.108
len_p	1.53099248	0.5602385	2.73275120	0.006
pit_n	1.58181012	0.5880493	2.68992794	0.007
vol_p	1.25197346	0.5771295	2.16931130	0.030

pan_n 0.07607241 0.5731765 0.13272075 0.894

Compared with volume-negative | ordinal data

	Value	Std. Error	t value	p value
pan_p	-0.5495103	0.5798750	-0.9476358	0.343
tap_p	2.1811077	0.6012801	3.6274405	0.000
pit_p	3.3302832	0.6204413	5.3676043	0.000
tim_p	-0.3241712	0.5969222	-0.5430711	0.587
len_n	0.3460568	0.5718949	0.6051056	0.545
tap_n	0.4270196	0.5922947	0.7209580	0.471
len_p	1.4243906	0.5650025	2.5210342	0.012
pit_n	0.9128262	0.5838042	1.5635829	0.118
vol_p	0.8706308	0.6004186	1.4500397	0.147
pan_n	-0.7307479	0.5773944	-1.2655958	0.206

Compared with panning-negative | quantitative data

	Value	Std. Error	t value	p value
pan_p	0.10527302	0.5818159	0.1809387	0.856
tap_p	2.67445347	0.6038518	4.4289898	0.000
pit_p	3.21318297	0.6120341	5.2500061	0.000
tim_p	0.44355403	0.5770887	0.7686064	0.442
len_n	0.81189408	0.5737854	1.4149787	0.157
tap_n	0.89816373	0.6169688	1.4557684	0.145
len_p	1.45492636	0.5709782	2.5481295	0.011
pit_n	1.50576288	0.5982328	2.5170181	0.012
vol_p	1.17588825	0.5877261	2.0007419	0.045
vol_n	-0.07629492	0.5731864	-0.1331067	0.894

Compared with panning-negative | ordinal data

	Value	Std. Error	t value	p value
pan_p	0.1812959	0.5700357	0.3180431	0.750
tap_p	2.9119214	0.6038171	4.8225225	0.000
pit_p	4.0609909	0.6242343	6.5055554	0.000
tim_p	0.4065995	0.5866880	0.6930421	0.488
len_n	1.0768566	0.5664038	1.9012169	0.057
tap_n	1.1578488	0.5872839	1.9715316	0.049
len_p	2.1549847	0.5654679	3.8109766	0.000
pit_n	1.6436559	0.5816716	2.8257457	0.005
vol_p	1.6012595	0.5969838	2.6822493	0.007
vol_n	0.7307159	0.5773939	1.2655415	0.206

Compared with tapping-negative | quantitative data

	Value	Std. Error	t value	p value
pan_p	-0.79280838	0.6145916	-1.2899759	0.197
tap_p	1.77632253	0.6181215	2.8737432	0.004
pit_p	2.31497822	0.6242921	3.7081650	0.000

tim_p	-0.45485638	0.6082231	-0.7478446	0.455
len_n	-0.08637501	0.6011801	-0.1436758	0.886
pan_n	-0.89804657	0.6169678	-1.4555810	0.146
len_p	0.55666950	0.5937883	0.9374882	0.349
pit_n	0.60760729	0.6185331	0.9823359	0.326
vol_p	0.27769168	0.6126506	0.4532627	0.650
vol_n	-0.97443519	0.6068022	-1.6058531	0.108

Compared with tapping-negative | ordinal data

	Value	Std. Error	t value	p value
pan_p	-0.97652900	0.5888502	-1.6583658	0.097
tap_p	1.75401971	0.6027193	2.9101769	0.004
pit_p	2.90321010	0.6205190	4.6786804	0.000
tim_p	-0.75121583	0.6059745	-1.2396822	0.215
len_n	-0.08098013	0.5787559	-0.1399211	0.889
pan_n	-1.15781794	0.5872843	-1.9714777	0.049
len_p	0.99733970	0.5684358	1.7545336	0.079
pit_n	0.48576008	0.5886416	0.8252221	0.409
vol_p	0.44350098	0.6058680	0.7320092	0.464
vol_n	-0.42707717	0.5922946	-0.7210553	0.471

Compared with length-negative | quantitative data

	Value	Std. Error	t value	p value
pan_p	-0.7063078	0.5710941	-1.2367624	0.216
tap_p	1.8628212	0.5801499	3.2109309	0.001
pit_p	2.4015008	0.5879869	4.0842761	0.000
tim_p	-0.3683613	0.5643014	-0.6527740	0.514
tap_n	0.0864439	0.6011789	0.1437907	0.886
pan_n	-0.8115737	0.5737817	-1.4144295	0.157
len_p	0.6431528	0.5502697	1.1687955	0.242
pit_n	0.6941408	0.5776617	1.2016391	0.230
vol_p	0.3641222	0.5701774	0.6386122	0.523
vol_n	-0.8881092	0.5628287	-1.5779387	0.115

Compared with length-negative | ordinal data

	Value	Std. Error	t value	p value
pan_p	-0.89554070	0.5681538	-1.5762293	0.115
tap_p	1.83501790	0.5851857	3.1357873	0.002
pit_p	2.98415293	0.6047024	4.9349114	0.000
tim_p	-0.67024268	0.5858798	-1.1439935	0.253
tap_n	0.08095783	0.5787538	0.1398830	0.889
pan_n	-1.07681749	0.5664023	-1.9011530	0.057
len_p	1.07828086	0.5482902	1.9666245	0.049
pit_n	0.56675884	0.5687312	0.9965321	0.319
vol_p	0.52456319	0.5863673	0.8945984	0.371
vol_n	-0.34609959	0.5718928	-0.6051826	0.545

Part 2 Accuracy post-hoc pair-wise analysis

Compared with pitch-positive | quantitative data

	Value	Std. Error	t value	p value
tap_p	-2.74401493	0.6051567	-4.5343872	0.764
len_p	-0.15223406	0.5025251	-0.3029382	0.000
vol_p	0.54998921	0.5313612	1.0350572	0.241
len_n	1.27699220	0.5360104	2.3824018	0.069
tap_n	-0.89935436	0.5833387	-1.5417361	0.092
pit_n	0.50666846	0.5456979	0.9284779	0.141
vol_n	1.16911854	0.5334236	2.1917263	0.625
pan_p	0.95533387	0.5315039	1.7974166	0.989
pan_n	1.29134930	0.5493756	2.3505764	0.731

Compared with pitch-positive | ordinal data

	Value	Std. Error	t value	p value
tap_p	-2.0579437	0.6027246	-3.4144015	0.764
len_p	-0.1517382	0.5392998	-0.2813616	0.000
vol_p	0.6289738	0.5396415	1.1655401	0.241
len_n	0.6218619	0.5305965	1.1720053	0.069
tap_n	-0.4390013	0.5934901	-0.7396943	0.092
pit_n	0.3628142	0.5459098	0.6646048	0.141
vol_n	0.8050817	0.5501033	1.4635100	0.625
pan_p	0.7762126	0.5327557	1.4569768	0.989
pan_n	1.5303338	0.5596426	2.7344843	0.731

Compared with volume-positive | quantitative data

	Value	Std. Error	t value	p value
tap_p	-3.29411164	0.6175026	-5.33457105	0.764
len_p	-0.70239558	0.5104425	-1.37605239	0.000
pit_p	-0.55003226	0.5313637	-1.03513340	0.241
len_n	0.72702685	0.5362475	1.35576735	0.069
tap_n	-1.44943233	0.5913943	-2.45087304	0.092
pit_n	-0.04333169	0.5497621	-0.07881899	0.141
vol_n	0.61909088	0.5348865	1.15742484	0.625
pan_p	0.40528388	0.5323011	0.76138082	0.989
pan_n	0.74132873	0.5510096	1.34540080	0.731

Compared with volume-positive | ordinal data

	Value	Std. Error	t value	p value
tap_p	-2.686689307	0.6037746	-4.44982136	0.764
len_p	-0.781036380	0.5347964	-1.46043688	0.000
pit_p	-0.629210497	0.5396459	-1.16596910	0.241
len_n	-0.007242817	0.5225759	-0.01385984	0.069
tap_n	-1.068407511	0.5908010	-1.80840490	0.092
pit_n	-0.266454280	0.5393295	-0.49404732	0.141
vol_n	0.176084570	0.5417353	0.32503799	0.625
pan_p	0.147216996	0.5244452	0.28070997	0.989
pan_n	0.901123001	0.5474640	1.64599508	0.731

Compared with panning-positive | quantitative data

	Value	Std. Error	t value	p value
tap_p	-3.69926149	0.6209763	-5.95717010	0.764
len_p	-1.10755150	0.5107653	-2.16841557	0.000
pit_p	-0.95522088	0.5315043	-1.79720239	0.241
len_n	0.32153198	0.5320687	0.60430542	0.069
tap_n	-1.85469799	0.5923902	-3.13087216	0.092
pit_n	-0.44865966	0.5481265	-0.81853312	0.141
vol_n	0.21364831	0.5309074	0.40242107	0.625
vol_p	-0.40530337	0.5322990	-0.76142054	0.989
pan_n	0.33606294	0.5473500	0.61398181	0.731

Compared with panning-positive | ordinal data

	Value	Std. Error	t value	p value
tap_p	-2.83323803	0.5991109	-4.72907100	0.764
len_p	-0.92782645	0.5279330	-1.75747001	0.000
pit_p	-0.77541493	0.5327507	-1.45549298	0.241
len_n	-0.15419541	0.5147918	-0.29952964	0.069
tap_n	-1.21462644	0.5853092	-2.07518781	0.092
pit_n	-0.41318897	0.5320373	-0.77661660	0.141
vol_n	0.02913419	0.5341458	0.05454353	0.625
vol_p	-0.14723830	0.5244470	-0.28074961	0.989
pan_n	0.75411772	0.5400077	1.39649442	0.731

Compared with tapping-positive | quantitative data

	Value	Std. Error	t value	p value
pan_p	3.6994967	0.6209877	5.9574401	0.764
len_p	2.5917882	0.5871474	4.4142039	0.000
pit_p	2.7440865	0.6051616	4.5344689	0.241
len_n	4.0211693	0.6273409	6.4098628	0.069
tap_n	1.8446760	0.6413815	2.8760980	0.092
pit_n	3.2508065	0.6280578	5.1759672	0.141
vol_n	3.9132245	0.6241970	6.2692143	0.625
vol_p	3.2941232	0.6175044	5.3345741	0.989
pan_n	4.0354336	0.6376442	6.3286604	0.731

Compared with tapping-positive | ordinal data

	Value	Std. Error	t value	p value
pan_p	2.8341728	0.5991530	4.7302991	0.764
len_p	1.9062379	0.5966989	3.1946398	0.000
pit_p	2.0579676	0.6027264	3.4144309	0.241
len_n	2.6798284	0.5967441	4.4907497	0.069
tap_n	1.6190249	0.6376293	2.5391319	0.092
pit_n	2.4207907	0.6075065	3.9847981	0.141
vol_n	2.8630339	0.6150568	4.6549098	0.625
vol_p	2.6869619	0.6037936	4.4501332	0.989
pan_n	3.5882827	0.6272939	5.7202580	0.731

Compared with length-positive | quantitative data

	Value	Std. Error	t value	p value
pan_p	1.1076029	0.5107671	2.1685085	0.764
tap_p	-2.5918699	0.5871494	-4.4143275	0.000
pit_p	0.1522258	0.5025255	0.3029216	0.241
len_n	1.4292324	0.5161944	2.7687869	0.069
tap_n	-0.7471735	0.5624069	-1.3285285	0.092
pit_n	0.6589224	0.5255982	1.2536618	0.141
vol_n	1.3213275	0.5127596	2.5768948	0.625
vol_p	0.7023322	0.5104427	1.3759277	0.989
pan_n	1.4436376	0.5294389	2.7267312	0.731

Compared with length-positive | ordinal data

	Value	Std. Error	t value	p value
pan_p	0.92792291	0.5279348	1.7576467	0.764
tap_p	-1.90619262	0.5966956	-3.1945813	0.000
pit_p	0.15172468	0.5392996	0.2813366	0.241
len_n	0.77358227	0.5256994	1.4715297	0.069
tap_n	-0.28726565	0.5882490	-0.4883402	0.092
pit_n	0.51454076	0.5409781	0.9511305	0.141
vol_n	0.95679327	0.5455046	1.7539602	0.625
vol_p	0.78069360	0.5347891	1.4598158	0.989
pan_n	1.68205403	0.5554338	3.0283609	0.731

Compared with pitch-negative | quantitative data

	Value	Std. Error	t value	p value
pan_p	0.44879465	0.5481332	0.81876934	0.764
tap_p	-3.25098797	0.6280693	-5.17616113	0.000
pit_p	-0.50670941	0.5457063	-0.92853877	0.241
len_n	0.77049617	0.5515243	1.39703028	0.069
tap_n	-1.40604920	0.6040503	-2.32770227	0.092
len_p	-0.65904088	0.5256012	-1.25388004	0.141
vol_n	0.66242758	0.5504865	1.20334937	0.625
vol_p	0.04329500	0.5497660	0.07875168	0.989
pan_n	0.78474106	0.5657519	1.38707624	0.731

Compared with pitch-negative | ordinal data

	Value	Std. Error	t value	p value
pan_p	0.4133583	0.5320369	0.7769354	0.764
tap_p	-2.4208346	0.6075064	-3.9848711	0.000
pit_p	-0.3628882	0.5459089	-0.6647413	0.241
len_n	0.2590390	0.5300348	0.4887207	0.069
tap_n	-0.8017264	0.5961092	-1.3449322	0.092
len_p	-0.5146407	0.5409779	-0.9513155	0.141
vol_n	0.4421921	0.5492293	0.8051137	0.625
vol_p	0.2661125	0.5393252	0.4934174	0.989
pan_n	1.1674953	0.5567956	2.0968111	0.731

Compared with volume-negative | quantitative data

	Value	Std. Error	t value	p value
pan_p	-0.21373588	0.5309095	-0.4025844	0.764
tap_p	-3.91315366	0.6241928	-6.2691428	0.000
pit_p	-1.16905991	0.5334256	-2.1916082	0.241
len_n	0.10790608	0.5344899	0.2018861	0.069
tap_n	-2.06845590	0.5950184	-3.4762889	0.092
len_p	-1.32136600	0.5127595	-2.5769705	0.141
pit_n	-0.66240756	0.5504821	-1.2033225	0.625
vol_p	-0.61905133	0.5348851	-1.1573539	0.989
pan_n	0.12222759	0.5490216	0.2226280	0.731

Compared with volume-negative | ordinal data

	Value	Std. Error	t value	p value
pan_p	-0.02839087	0.5341465	-0.05315185	0.764
tap_p	-2.86234940	0.6150328	-4.65397879	0.000
pit_p	-0.80455926	0.5501018	-1.46256431	0.241
len_n	-0.18305294	0.5324166	-0.34381525	0.069
tap_n	-1.24357868	0.6012744	-2.06823828	0.092
len_p	-0.95674004	0.5455059	-1.75385827	0.141
pit_n	-0.44214337	0.5492323	-0.80502070	0.625
vol_p	-0.17584082	0.5417387	-0.32458604	0.989
pan_n	0.72553801	0.5560568	1.30479109	0.731

Compared with panning-negative | quantitative data

	Value	Std. Error	t value	p value
pan_p	-0.335943405	0.5473537	-0.61375930	0.764
tap_p	-4.035496806	0.6376424	-6.32877780	0.000
pit_p	-1.291395336	0.5493814	-2.35063534	0.241
len_n	-0.014357504	0.5499899	-0.02610503	0.069
tap_n	-2.190630040	0.6093267	-3.59516490	0.092
len_p	-1.443659708	0.5294381	-2.72677704	0.141
pit_n	-0.784599045	0.5657489	-1.38683263	0.625
vol_p	-0.741262531	0.5510087	-1.34528276	0.989
vol_n	-0.122165031	0.5490230	-0.22251349	0.731

Compared with panning-negative | ordinal data

	Value	Std. Error	t value	p value
pan_p	-0.7541742	0.5400033	-1.3966103	0.764
tap_p	-3.5882974	0.6272923	-5.7202960	0.000
pit_p	-1.5302987	0.5596442	-2.7344136	0.241
len_n	-0.9085689	0.5388411	-1.6861535	0.069
tap_n	-1.9693028	0.6105820	-3.2252882	0.092
len_p	-1.6821023	0.5554365	-3.0284333	0.141
pit_n	-1.1675289	0.5567990	-2.0968587	0.625
vol_p	-0.9014315	0.5474704	-1.6465393	0.989
vol_n	-0.7252527	0.5560515	-1.3042905	0.731

Compared with tapping-negative | quantitative data

	Value	Std. Error	t value	p value
pan_p	1.8508607	0.5923091	3.1248225	0.764
tap_p	-1.8414360	0.6411414	-2.8721215	0.000
pit_p	0.8973260	0.5832654	1.5384523	0.241
len_n	2.1775741	0.5978372	3.6424198	0.069
pan_n	2.1928677	0.6092939	3.5990309	0.092
len_p	0.7460806	0.5623458	1.3267294	0.141
pit_n	1.4058149	0.6039574	2.3276723	0.625
vol_p	1.4509431	0.5913048	2.4537988	0.989
vol_n	2.0642128	0.5949000	3.4698482	0.731

Compared with tapping-negative | ordinal data

	Value	Std. Error	t value	p value
pan_p	1.2151960	0.5853216	2.0761169	0.764
tap_p	-1.6190773	0.6376352	-2.5391907	0.000
pit_p	0.4387419	0.5934952	0.7392511	0.241
len_n	1.0608870	0.5832202	1.8190161	0.069
pan_n	1.9692149	0.6105821	3.2251434	0.092
len_p	0.2869439	0.5882552	0.4877881	0.141
pit_n	0.8024279	0.5961163	1.3460928	0.625
vol_p	1.0680022	0.5907960	1.8077341	0.989
vol_n	1.2441201	0.6012832	2.0691082	0.731

Compared with length-negative | quantitative data

	Value	Std. Error	t value	p value
pan_p	-0.321765212	0.5320709	-0.60474119	0.764
tap_p	-4.020948517	0.6273262	-6.40966102	0.000
pit_p	-1.277094709	0.5360150	-2.38257275	0.241
tap_n	-2.176411970	0.5979126	-3.64001666	0.069
pan_n	0.014326654	0.5499872	0.02604907	0.092
len_p	-1.429324140	0.5161940	-2.76896688	0.141
pit_n	-0.770313169	0.5515177	-1.39671528	0.625
vol_p	-0.727083013	0.5362451	-1.35587812	0.989
vol_n	-0.107803527	0.5344902	-0.20169410	0.731

Compared with length-negative | ordinal data

	Value	Std. Error	t value	p value
pan_p	0.154336029	0.5147932	0.29980199	0.764
tap_p	-2.680031134	0.5967548	-4.49100898	0.000
pit_p	-0.621942505	0.5305993	-1.17215099	0.241
tap_n	-1.060775959	0.5832176	-1.81883404	0.069
pan_n	0.908475177	0.5388408	1.68598079	0.092
len_p	-0.773527174	0.5257015	-1.47141900	0.141
pit_n	-0.259108610	0.5300387	-0.48884846	0.625
vol_p	0.007159851	0.5225784	0.01370101	0.989
vol_n	0.183220023	0.5324165	0.34412913	0.731