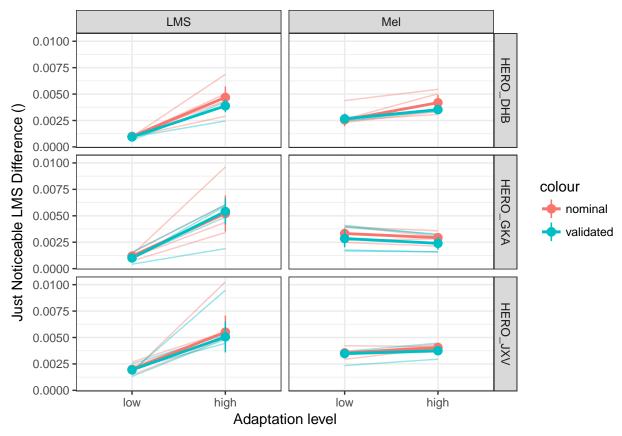
MeLMSens initial data analysis

Joris Vincent 17 November, 2018

JNDs

Plot

Warning: Removed 1 rows containing missing values (geom_path).



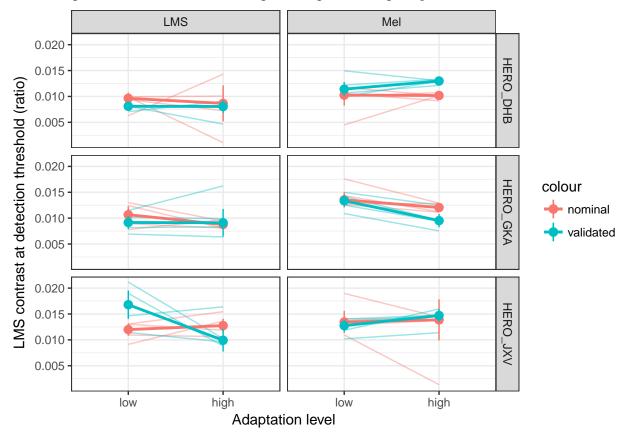
Table

participant	axis	validated	low_median	low_SEM	$high_median$	$high_SEM$	t_value	p_value
HERO_DHB	LMS	nominal	0.0010	0e+00	0.0047	0.0010	4.5961	0.0194
HERO_GKA	LMS	nominal	0.0012	2e-04	0.0052	0.0017	3.7480	0.0332
${ m HERO_JXV}$	LMS	nominal	0.0020	3e-04	0.0055	0.0016	3.3887	0.0428
HERO_DHB	Mel	nominal	0.0026	6e-04	0.0042	0.0007	3.2279	0.0483
HERO_GKA	Mel	nominal	0.0033	5e-04	0.0029	0.0004	-1.7534	0.1778
${ m HERO_JXV}$	Mel	nominal	0.0035	3e-04	0.0041	0.0001	2.1338	0.1226
HERO_DHB	LMS	validated	0.0009	1e-04	0.0039	0.0006	4.1691	0.0530
HERO_GKA	LMS	validated	0.0010	3e-04	0.0054	0.0012	4.7481	0.0177

participant	axis	validated	low_median	low_SEM	high_median	high_SEM	t_value	p_value
HERO_JXV	LMS	validated	0.0019	3e-04	0.0051	0.0015	3.3695	0.0434
HERO_DHB	Mel	validated	0.0027	1e-04	0.0035	0.0001	12.0275	0.0012
HERO_GKA	Mel	validated	0.0028	8e-04	0.0024	0.0006	-2.3133	0.1037
${ m HERO_JXV}$	Mel	validated	0.0035	4e-04	0.0037	0.0004	3.7564	0.0330

Threshold contrasts

Warning: Removed 1 rows containing missing values (geom_path).



Table

axis	validated	low_median	low_SEM	$high_median$	high_SEM	t_value	p_value
LMS	nominal	0.0096	0.0011	0.0087	0.0035	-0.2026	0.8524
LMS	nominal	0.0107	0.0016	0.0088	0.0005	-1.1936	0.3184
LMS	nominal	0.0120	0.0012	0.0128	0.0013	1.0395	0.3750
Mel	nominal	0.0103	0.0020	0.0102	0.0004	0.5252	0.6358
Mel	nominal	0.0135	0.0014	0.0121	0.0006	-2.2050	0.1146
Mel	nominal	0.0135	0.0021	0.0139	0.0040	-1.3901	0.2587
LMS	validated	0.0081	0.0004	0.0081	0.0012	-0.3260	0.7754
LMS	validated	0.0092	0.0013	0.0091	0.0027	0.8178	0.4734
LMS	validated	0.0168	0.0027	0.0099	0.0022	-1.6970	0.1883
Mel	validated	0.0114	0.0014	0.0130	0.0003	0.8888	0.4396
Mel	validated	0.0134	0.0011	0.0095	0.0013	-7.5176	0.0049
Mel	validated	0.0127	0.0011	0.0147	0.0012	2.2282	0.1122
	LMS LMS Mel Mel Mel LMS LMS LMS Mel Mel LMS LMS Mel Mel	LMS nominal LMS nominal LMS nominal Mel nominal Mel nominal LMS validated LMS validated LMS validated LMS validated Mel validated Mel validated	LMS nominal 0.0096 LMS nominal 0.0107 LMS nominal 0.0120 Mel nominal 0.0103 Mel nominal 0.0135 Mel nominal 0.0135 LMS validated 0.0081 LMS validated 0.0168 Mel validated 0.0114 Mel validated 0.0134	LMS nominal 0.0096 0.0011 LMS nominal 0.0107 0.0016 LMS nominal 0.0120 0.0012 Mel nominal 0.0103 0.0020 Mel nominal 0.0135 0.0014 Mel nominal 0.0135 0.0021 LMS validated 0.0081 0.0004 LMS validated 0.0168 0.0027 Mel validated 0.0114 0.0014 Mel validated 0.0134 0.0011	LMS nominal 0.0096 0.0011 0.0087 LMS nominal 0.0107 0.0016 0.0088 LMS nominal 0.0120 0.0012 0.0128 Mel nominal 0.0103 0.0020 0.0102 Mel nominal 0.0135 0.0014 0.0121 Mel nominal 0.0135 0.0021 0.0139 LMS validated 0.0081 0.0004 0.0081 LMS validated 0.0168 0.0027 0.0099 Mel validated 0.0114 0.0014 0.0130 Mel validated 0.0134 0.0011 0.0095	LMS nominal 0.0096 0.0011 0.0087 0.0035 LMS nominal 0.0107 0.0016 0.0088 0.0005 LMS nominal 0.0120 0.0012 0.0128 0.0013 Mel nominal 0.0103 0.0020 0.0102 0.0004 Mel nominal 0.0135 0.0014 0.0121 0.0006 Mel nominal 0.0135 0.0021 0.0139 0.0040 LMS validated 0.0081 0.0004 0.0081 0.0012 LMS validated 0.0092 0.0013 0.0091 0.0027 LMS validated 0.014 0.0014 0.0130 0.0003 Mel validated 0.014 0.0014 0.0130 0.0003 Mel validated 0.0134 0.0011 0.0095 0.0013	LMS nominal 0.0096 0.0011 0.0087 0.0035 -0.2026 LMS nominal 0.0107 0.0016 0.0088 0.0005 -1.1936 LMS nominal 0.0120 0.0012 0.0128 0.0013 1.0395 Mel nominal 0.0103 0.0020 0.0102 0.0004 0.5252 Mel nominal 0.0135 0.0014 0.0121 0.0006 -2.2050 Mel nominal 0.0135 0.0021 0.0139 0.0040 -1.3901 LMS validated 0.0081 0.0004 0.0081 0.0012 -0.3260 LMS validated 0.0092 0.0013 0.0091 0.0027 0.8178 LMS validated 0.0168 0.0027 0.0099 0.0022 -1.6970 Mel validated 0.0114 0.0014 0.0130 0.0003 0.8888 Mel validated 0.0134 0.0011 0.0095 0.0013 -7.5176