

# MeLMSens initial data analysis

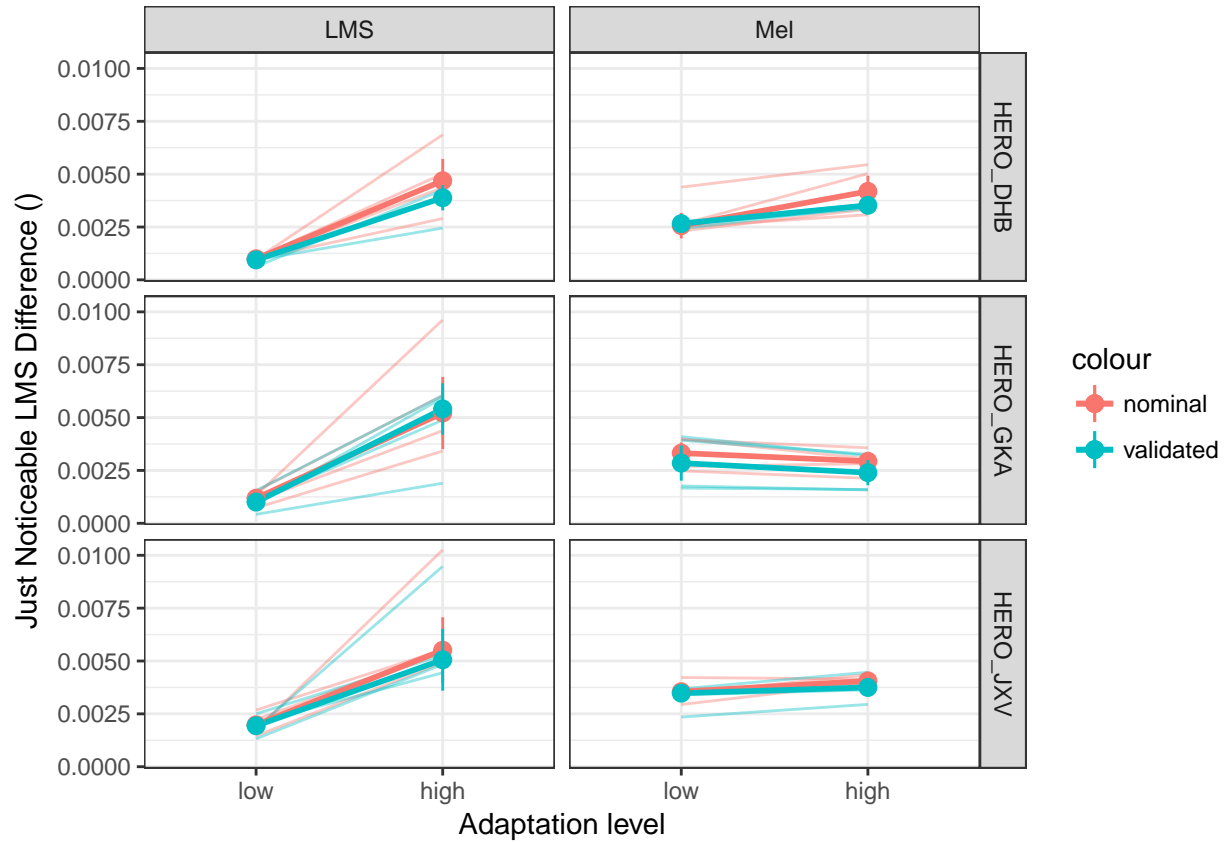
Joris Vincent

17 November, 2018

## JNDs

### Plot

## Warning: Removed 1 rows containing missing values (geom\_path).



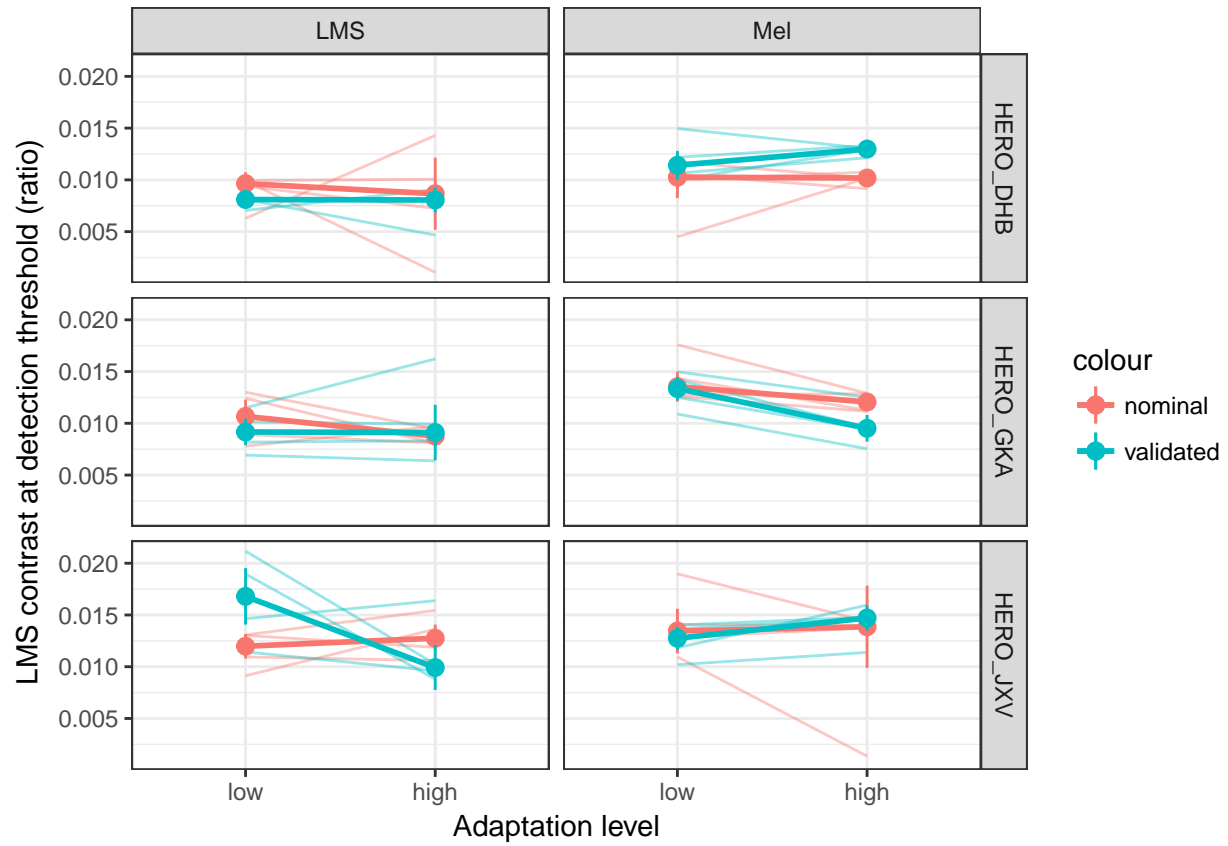
### Table

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
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
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
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

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