**Means – Nd1**

- Random config ERPs with positive polarity

- All ERPs more negative in session 2, instead of displaying smaller amplitude

: rand

: 1

: aware

median mean SE.mean CI.mean.0.95 var

0.8250364 0.2028471 0.6016681 1.2754795 6.1540771

std.dev coef.var

2.4807412 12.2296141

---------------------------------------------------------

: sqr

: 1

: aware

median mean SE.mean CI.mean.0.95 var

-0.3698238 -1.0719986 0.6062244 1.2851384 6.2476369

std.dev coef.var

2.4995273 -2.3316517

---------------------------------------------------------

: rand

: 2

: aware

median mean SE.mean CI.mean.0.95 var

0.5663091 -0.4567337 0.5955925 1.2625997 6.0304176

std.dev coef.var

2.4556909 -5.3766361

---------------------------------------------------------

: sqr

: 2

: aware

median mean SE.mean CI.mean.0.95 var

-0.3898455 -0.9784283 0.5716480 1.2118396 5.5552845

std.dev coef.var

2.3569651 -2.4089297

---------------------------------------------------------

: rand

: 1

: unaware

median mean SE.mean CI.mean.0.95 var

-1.0317909 -0.7734079 0.6480031 1.3898283 6.2986195

std.dev coef.var

2.5097051 -3.2449955

---------------------------------------------------------

: sqr

: 1

: unaware

median mean SE.mean CI.mean.0.95 var

-1.4684333 -2.0083943 0.5848515 1.2543818 5.1307696

std.dev coef.var

2.2651202 -1.1278265

---------------------------------------------------------

: rand

: 2

: unaware

median mean SE.mean CI.mean.0.95 var

-1.7654545 -1.5693594 0.7143607 1.5321514 7.6546691

std.dev coef.var

2.7667073 -1.7629533

---------------------------------------------------------

: sqr

: 2

: unaware

median mean SE.mean CI.mean.0.95 var

-1.6587091 -1.6521697 0.6957339 1.4922008 7.2606844

std.dev coef.var

2.6945657 -1.6309255

**Means – Nd2 left**

: rand

: 1

: aware

median mean SE.mean CI.mean.0.95 var

-0.6491000 -0.5612941 0.3680901 0.7803161 2.3033350

std.dev coef.var

1.5176742 -2.7038840

---------------------------------------------------------

: sqr

: 1

: aware

median mean SE.mean CI.mean.0.95 var

-0.6489727 -0.7207620 0.3805443 0.8067179 2.4618372

std.dev coef.var

1.5690243 -2.1768964

---------------------------------------------------------

: rand

: 2

: aware

median mean SE.mean CI.mean.0.95 var

-0.8648455 -1.0822455 0.4216862 0.8939348 3.0229270

std.dev coef.var

1.7386567 -1.6065271

---------------------------------------------------------

: sqr

: 2

: aware

median mean SE.mean CI.mean.0.95 var

-0.7858273 -1.0777626 0.3788389 0.8031026 2.4398216

std.dev coef.var

1.5619928 -1.4492921

---------------------------------------------------------

: rand

: 1

: unaware

median mean SE.mean CI.mean.0.95 var

-0.4141727 -0.4731848 0.2732455 0.5860533 1.1199464

std.dev coef.var

1.0582752 -2.2364942

---------------------------------------------------------

: sqr

: 1

: unaware

median mean SE.mean CI.mean.0.95 var

-0.2532455 -0.4371715 0.3421303 0.7337965 1.7557970

std.dev coef.var

1.3250649 -3.0309955

---------------------------------------------------------

: rand

: 2

: unaware

median mean SE.mean CI.mean.0.95 var

-0.6177273 -0.8777267 0.3448871 0.7397092 1.7842063

std.dev coef.var

1.3357419 -1.5218199

---------------------------------------------------------

: sqr

: 2

: unaware

median mean SE.mean CI.mean.0.95 var

-0.2826182 -0.6483927 0.3848705 0.8254651 2.2218792

std.dev coef.var

1.4905969 -2.2989106

**Means – Nd2 right**

: rand

: 1

: aware

median mean SE.mean CI.mean.0.95 var

-0.8717636 -0.8511599 0.1996589 0.4232579 0.6776824

std.dev coef.var

0.8232147 -0.9671680

---------------------------------------------------------

: sqr

: 1

: aware

median mean SE.mean CI.mean.0.95 var

-0.6955909 -1.0523278 0.3343171 0.7087206 1.9000549

std.dev coef.var

1.3784248 -1.3098815

---------------------------------------------------------

: rand

: 2

: aware

median mean SE.mean CI.mean.0.95 var

-1.7130000 -1.5634840 0.3154077 0.6686344 1.6911938

std.dev coef.var

1.3004591 -0.8317700

---------------------------------------------------------

: sqr

: 2

: aware

median mean SE.mean CI.mean.0.95 var

-1.6132909 -1.5808369 0.3595544 0.7622213 2.1977492

std.dev coef.var

1.4824807 -0.9377822

---------------------------------------------------------

: rand

: 1

: unaware

median mean SE.mean CI.mean.0.95 var

-0.03192727 -0.90716061 0.44727525 0.95931001 3.00082727

std.dev coef.var

1.73228960 -1.90957322

---------------------------------------------------------

: sqr

: 1

: unaware

median mean SE.mean CI.mean.0.95 var

-0.6162455 -1.0545152 0.4271739 0.9161970 2.7371635

std.dev coef.var

1.6544375 -1.5689083

---------------------------------------------------------

: rand

: 2

: unaware

median mean SE.mean CI.mean.0.95 var

-1.4830273 -1.5114770 0.5657106 1.2133286 4.8004274

std.dev coef.var

2.1909878 -1.4495674

---------------------------------------------------------

: sqr

: 2

: unaware

median mean SE.mean CI.mean.0.95 var

-0.08946364 -1.24778667 0.55932098 1.19962420 4.69259946

std.dev coef.var

2.16624086 -1.73606668

**ANOVA – Nd1**

nd1\_baseline 1 5 384.1719 398.4321 -187.0860

nd1\_config 2 6 360.4746 377.5868 -174.2373 1 vs 2 25.697341

nd1\_session 3 7 361.8482 381.8124 -173.9241 2 vs 3 0.626415

nd1\_group 4 8 363.6722 386.4885 -173.8361 3 vs 4 0.175925

nd1\_config\_session 5 9 357.0194 382.6877 -169.5097 4 vs 5 8.652849

nd1\_session\_group 6 10 357.2616 385.7819 -168.6308 5 vs 6 1.757740

nd1\_config\_group 7 11 359.2458 390.6181 -168.6229 6 vs 7 0.015848

nd1\_lme 8 12 360.9609 395.1852 -168.4804 7 vs 8 0.284914

p-value

nd1\_baseline

nd1\_config <.0001

nd1\_session 0.4287

nd1\_group 0.6749

nd1\_config\_session 0.0033

nd1\_session\_group 0.1849

nd1\_config\_group 0.8998

nd1\_lme 0.5935

**ANOVA – Nd2 left**

nd2\_left\_baseline 1 5 244.2440 258.5041 -117.1220

nd2\_left\_config 2 6 245.7232 262.8354 -116.8616 1 vs 2

nd2\_left\_session 3 7 226.3217 246.2859 -106.1608 2 vs 3

nd2\_left\_group 4 8 228.2490 251.0653 -106.1245 3 vs 4

nd2\_left\_config\_session 5 9 229.7055 255.3737 -105.8527 4 vs 5

nd2\_left\_session\_group 6 10 231.5877 260.1080 -105.7939 5 vs 6

nd2\_left\_config\_group 7 11 232.8652 264.2376 -105.4326 6 vs 7

nd2\_left\_lme 8 12 234.6619 268.8863 -105.3310 7 vs 8

L.Ratio p-value

nd2\_left\_baseline

nd2\_left\_config 0.520782 0.4705

nd2\_left\_session 21.401485 <.0001

nd2\_left\_group 0.072686 0.7875

nd2\_left\_config\_session 0.543546 0.4610

nd2\_left\_session\_group 0.117744 0.7315

nd2\_left\_config\_group 0.722486 0.3953

nd2\_left\_lme 0.203311 0.6521

**ANOVA – Nd2 right**

nd2\_right\_baseline 1 5 302.0529 316.3131 -146.0265

nd2\_right\_config 2 6 304.0524 321.1646 -146.0262 1 vs 2

nd2\_right\_session 3 7 279.4313 299.3955 -132.7157 2 vs 3

nd2\_right\_group 4 8 280.9213 303.7375 -132.4606 3 vs 4

nd2\_right\_config\_session 5 9 282.9141 308.5824 -132.4571 4 vs 5

nd2\_right\_session\_group 6 10 284.8437 313.3640 -132.4219 5 vs 6

nd2\_right\_config\_group 7 11 286.6689 318.0413 -132.3345 6 vs 7

nd2\_right\_lme 8 12 288.6152 322.8395 -132.3076 7 vs 8

L.Ratio p-value

nd2\_right\_baseline

nd2\_right\_config 0.000501 0.9821

nd2\_right\_session 26.621111 <.0001

nd2\_right\_group 0.510035 0.4751

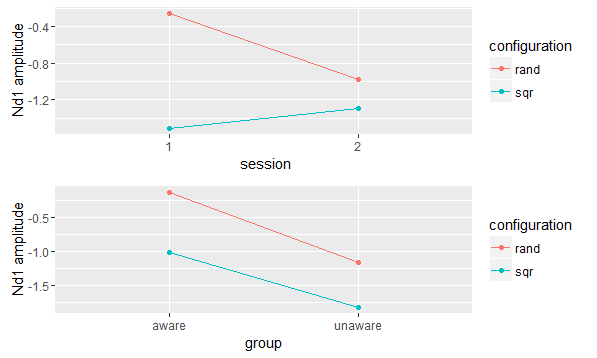
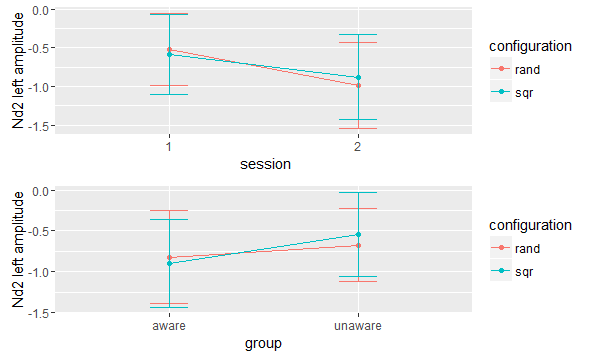
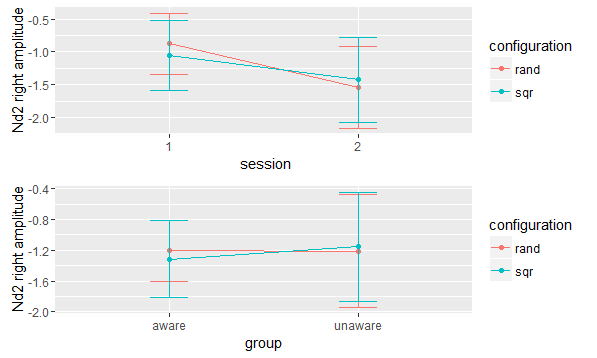
nd2\_right\_config\_session 0.007171 0.9325

nd2\_right\_session\_group 0.070418 0.7907

nd2\_right\_config\_group 0.174760 0.6759

nd2\_right\_lme 0.053756 0.8167

**Plots**

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