fMRI\_Trailer\_SNE

Luis A.

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# Loading libraries

# Invididual Choice Comedy (IndCom) Trailers.

## IndCom: Sequence model.

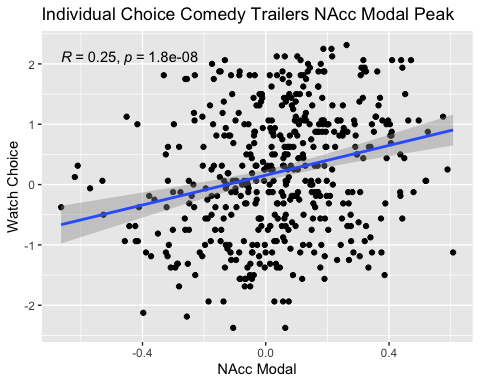
Individual Choice (Comedy): Sequence Models. ## IndCom: Modal Peak (MP) Model.

|  | Affect | Neuro seq | Affect & Neuro seq |
| --- | --- | --- | --- |
| (Intercept) | 0.000 | 0.000 | 0.000 |
|  | t = 0.003 | t = −0.002 | t = −0.001 |
|  | s.e. = 0.091, p-val = 0.998 | s.e. = 0.123, p-val = 0.998 | s.e. = 0.092, p-val = 0.999 |
| scale(Pos\_arousal\_scaled) | 0.648\*\*\* |  | 0.652\*\*\* |
|  | t = 19.411 |  | t = 19.586 |
|  | s.e. = 0.033, p-val = <0.001 |  | s.e. = 0.033, p-val = <0.001 |
| scale(Neg\_arousal\_scaled) | −0.025 |  | −0.018 |
|  | t = −0.710 |  | t = −0.533 |
|  | s.e. = 0.035, p-val = 0.478 |  | s.e. = 0.035, p-val = 0.594 |
| scale(NAcc\_onset) |  | 0.067 | 0.007 |
|  |  | t = 1.595 | t = 0.237 |
|  |  | s.e. = 0.042, p-val = 0.111 | s.e. = 0.031, p-val = 0.813 |
| scale(AIns\_middle) |  | −0.023 | −0.017 |
|  |  | t = −0.516 | t = −0.529 |
|  |  | s.e. = 0.044, p-val = 0.606 | s.e. = 0.033, p-val = 0.597 |
| scale(MPFC\_middle) |  | 0.078+ | 0.107\*\* |
|  |  | t = 1.769 | t = 3.270 |
|  |  | s.e. = 0.044, p-val = 0.078 | s.e. = 0.033, p-val = 0.001 |
| SD (Intercept Participant) | 0.386 | 0.400 | 0.393 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Intercept Trailer) | 0.196 | 0.365 | 0.201 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Observations) | 0.632 | 0.845 | 0.626 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| R2 Marg. | 0.415 | 0.009 | 0.423 |
| R2 Cond. | 0.602 | 0.297 | 0.615 |
| AIC | 1013.0 | 1288.3 | 1023.4 |
| BIC | 1038.0 | 1317.4 | 1060.9 |
| ICC | 0.3 | 0.3 | 0.3 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | |

Individual Choice (Comedy): Modal Peaks Models.

|  | Affect | Neuro MP | Affect & Neuro MP |
| --- | --- | --- | --- |
| (Intercept) | 0.000 | −0.001 | 0.000 |
|  | t = 0.003 | t = −0.006 | t = 0.000 |
|  | s.e. = 0.091, p-val = 0.998 | s.e. = 0.118, p-val = 0.996 | s.e. = 0.089, p-val = 1.000 |
| scale(Pos\_arousal\_scaled) | 0.648\*\*\* |  | 0.598\*\*\* |
|  | t = 19.411 |  | t = 17.552 |
|  | s.e. = 0.033, p-val = <0.001 |  | s.e. = 0.034, p-val = <0.001 |
| scale(Neg\_arousal\_scaled) | −0.025 |  | −0.042 |
|  | t = −0.710 |  | t = −1.241 |
|  | s.e. = 0.035, p-val = 0.478 |  | s.e. = 0.034, p-val = 0.215 |
| scale(NAcc\_avg\_peak\_yes\_pos) |  | 0.241\*\*\* | 0.128\*\*\* |
|  |  | t = 6.375 | t = 4.233 |
|  |  | s.e. = 0.038, p-val = <0.001 | s.e. = 0.030, p-val = <0.001 |
| scale(AIns\_avg\_peak\_yes\_pos) |  | 0.160\*\*\* | 0.085\*\* |
|  |  | t = 4.116 | t = 2.785 |
|  |  | s.e. = 0.039, p-val = <0.001 | s.e. = 0.031, p-val = 0.006 |
| scale(MPFC\_avg\_peak\_yes\_pos) |  | 0.104\*\* | 0.033 |
|  |  | t = 2.710 | t = 1.094 |
|  |  | s.e. = 0.038, p-val = 0.007 | s.e. = 0.030, p-val = 0.274 |
| SD (Intercept Participant) | 0.386 | 0.389 | 0.377 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Intercept Trailer) | 0.196 | 0.346 | 0.197 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Observations) | 0.632 | 0.791 | 0.616 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| R2 Marg. | 0.415 | 0.104 | 0.437 |
| R2 Cond. | 0.602 | 0.375 | 0.619 |
| AIC | 1013.0 | 1228.2 | 1008.0 |
| BIC | 1038.0 | 1257.4 | 1045.5 |
| ICC | 0.3 | 0.3 | 0.3 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | |

## `geom\_smooth()` using formula = 'y ~ x'



## IndCom: Inter-Subject Correlation Models.

Individual Choice (Comedy): ISC Models.

|  | Affect | Neuro ISC | Affect & Neuro ISC |
| --- | --- | --- | --- |
| (Intercept) | 0.000 | 0.000 | 0.000 |
|  | t = 0.003 | t = −0.001 | t = 0.004 |
|  | s.e. = 0.091, p-val = 0.998 | s.e. = 0.124, p-val = 0.999 | s.e. = 0.090, p-val = 0.997 |
| scale(Pos\_arousal\_scaled) | 0.648\*\*\* |  | 0.648\*\*\* |
|  | t = 19.411 |  | t = 19.286 |
|  | s.e. = 0.033, p-val = <0.001 |  | s.e. = 0.034, p-val = <0.001 |
| scale(Neg\_arousal\_scaled) | −0.025 |  | −0.029 |
|  | t = −0.710 |  | t = −0.840 |
|  | s.e. = 0.035, p-val = 0.478 |  | s.e. = 0.035, p-val = 0.402 |
| scale(NAcc\_ISC) |  | 0.036 | 0.005 |
|  |  | t = 0.883 | t = 0.163 |
|  |  | s.e. = 0.041, p-val = 0.377 | s.e. = 0.031, p-val = 0.871 |
| scale(AIns\_ISC) |  | 0.035 | 0.036 |
|  |  | t = 0.838 | t = 1.159 |
|  |  | s.e. = 0.041, p-val = 0.402 | s.e. = 0.031, p-val = 0.247 |
| scale(MPFC\_ISC) |  | 0.050 | 0.000 |
|  |  | t = 1.179 | t = 0.014 |
|  |  | s.e. = 0.043, p-val = 0.239 | s.e. = 0.032, p-val = 0.989 |
| SD (Intercept Participant) | 0.386 | 0.396 | 0.382 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Intercept Trailer) | 0.196 | 0.369 | 0.196 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Observations) | 0.632 | 0.847 | 0.634 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| R2 Marg. | 0.415 | 0.006 | 0.416 |
| R2 Cond. | 0.602 | 0.294 | 0.600 |
| AIC | 1013.0 | 1290.6 | 1032.9 |
| BIC | 1038.0 | 1319.7 | 1070.4 |
| ICC | 0.3 | 0.3 | 0.3 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | |

# Aggregate Results Comedy Trailers.

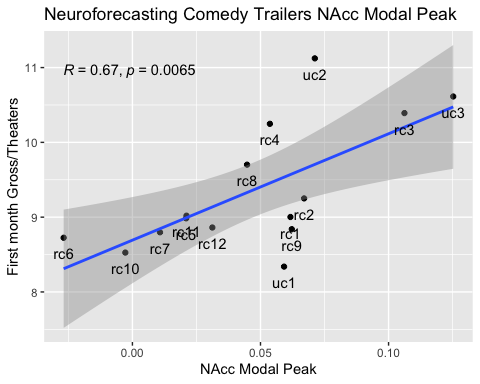
## AggCom: Seq Models.

|  | Base G | Affect G | Neuro Seq G | Full Seq G | Affect GT | Neuro Seq GT | Full Seq GT |
| --- | --- | --- | --- | --- | --- | --- | --- |
| (Intercept) | 16.946\*\*\* | 16.946\*\*\* | 16.946\*\*\* | 16.946\*\*\* | 9.362\*\*\* | 9.362\*\*\* | 9.362\*\*\* |
|  | t = 158.935 | t = 74.287 | t = 71.010 | t = 135.864 | t = 44.199 | t = 38.886 | t = 38.836 |
|  | s.e. = 0.107, p-val = <0.001 | s.e. = 0.228, p-val = <0.001 | s.e. = 0.239, p-val = <0.001 | s.e. = 0.125, p-val = <0.001 | s.e. = 0.212, p-val = <0.001 | s.e. = 0.241, p-val = <0.001 | s.e. = 0.241, p-val = <0.001 |
| scale(TheatersM1) | 0.841\*\*\* |  |  | 0.784\*\*\* |  |  |  |
|  | t = 7.620 |  |  | t = 5.365 |  |  |  |
|  | s.e. = 0.110, p-val = <0.001 |  |  | s.e. = 0.146, p-val = <0.001 |  |  |  |
| scale(Pos\_arousal\_scaled) |  | 0.275 |  | 0.054 | 0.059 |  | 0.145 |
|  |  | t = 1.161 |  | t = 0.319 | t = 0.267 |  | t = 0.448 |
|  |  | s.e. = 0.237, p-val = 0.268 |  | s.e. = 0.169, p-val = 0.758 | s.e. = 0.220, p-val = 0.794 |  | s.e. = 0.324, p-val = 0.665 |
| scale(Neg\_arousal\_scaled) |  | −0.323 |  | −0.126 | −0.363 |  | −0.389 |
|  |  | t = −1.363 |  | t = −0.858 | t = −1.649 |  | t = −1.383 |
|  |  | s.e. = 0.237, p-val = 0.198 |  | s.e. = 0.147, p-val = 0.416 | s.e. = 0.220, p-val = 0.125 |  | s.e. = 0.281, p-val = 0.200 |
| scale(NAcc\_onset) |  |  | 0.530 | 0.037 |  | 0.157 | −0.159 |
|  |  |  | t = 1.642 | t = 0.157 |  | t = 0.483 | t = −0.356 |
|  |  |  | s.e. = 0.323, p-val = 0.129 | s.e. = 0.235, p-val = 0.879 |  | s.e. = 0.326, p-val = 0.639 | s.e. = 0.447, p-val = 0.730 |
| scale(AIns\_onset) |  |  | 0.018 | −0.005 |  | −0.062 | 0.029 |
|  |  |  | t = 0.064 | t = −0.032 |  | t = −0.219 | t = 0.093 |
|  |  |  | s.e. = 0.281, p-val = 0.950 | s.e. = 0.161, p-val = 0.976 |  | s.e. = 0.283, p-val = 0.830 | s.e. = 0.309, p-val = 0.928 |
| scale(MPFC\_middle) |  |  | 0.308 | 0.061 |  | 0.204 | 0.017 |
|  |  |  | t = 1.017 | t = 0.353 |  | t = 0.669 | t = 0.052 |
|  |  |  | s.e. = 0.303, p-val = 0.331 | s.e. = 0.174, p-val = 0.733 |  | s.e. = 0.305, p-val = 0.517 | s.e. = 0.334, p-val = 0.960 |
| Num.Obs. | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| R2 | 0.817 | 0.227 | 0.225 | 0.846 | 0.194 | 0.046 | 0.217 |
| R2 Adj. | 0.803 | 0.098 | 0.013 | 0.730 | 0.060 | −0.214 | −0.217 |
| AIC | 528.3 | 551.9 | 553.9 | 535.7 | 322.1 | 326.7 | 327.7 |
| BIC | 530.4 | 554.7 | 557.5 | 541.4 | 325.0 | 330.2 | 332.6 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | | | | | |

## AggCom: Modal Peak (MP) Models.

|  | Base G | Affect G | Neuro MP G | Full MP G | Affect GT | Neuro MP GT | Full MP GT |
| --- | --- | --- | --- | --- | --- | --- | --- |
| (Intercept) | 16.946\*\*\* | 16.946\*\*\* | 16.946\*\*\* | 16.946\*\*\* | 9.362\*\*\* | 9.362\*\*\* | 9.362\*\*\* |
|  | t = 158.935 | t = 74.287 | t = 70.973 | t = 241.990 | t = 44.199 | t = 60.469 | t = 70.254 |
|  | s.e. = 0.107, p-val = <0.001 | s.e. = 0.228, p-val = <0.001 | s.e. = 0.239, p-val = <0.001 | s.e. = 0.070, p-val = <0.001 | s.e. = 0.212, p-val = <0.001 | s.e. = 0.155, p-val = <0.001 | s.e. = 0.133, p-val = <0.001 |
| scale(TheatersM1) | 0.841\*\*\* |  |  | 0.774\*\*\* |  |  |  |
|  | t = 7.620 |  |  | t = 9.876 |  |  |  |
|  | s.e. = 0.110, p-val = <0.001 |  |  | s.e. = 0.078, p-val = <0.001 |  |  |  |
| scale(Pos\_arousal\_scaled) |  | 0.275 |  | 0.008 | 0.059 |  | −0.114 |
|  |  | t = 1.161 |  | t = 0.087 | t = 0.267 |  | t = −0.705 |
|  |  | s.e. = 0.237, p-val = 0.268 |  | s.e. = 0.089, p-val = 0.933 | s.e. = 0.220, p-val = 0.794 |  | s.e. = 0.162, p-val = 0.499 |
| scale(Neg\_arousal\_scaled) |  | −0.323 |  | −0.110 | −0.363 |  | −0.413\* |
|  |  | t = −1.363 |  | t = −1.209 | t = −1.649 |  | t = −2.418 |
|  |  | s.e. = 0.237, p-val = 0.198 |  | s.e. = 0.091, p-val = 0.261 | s.e. = 0.220, p-val = 0.125 |  | s.e. = 0.171, p-val = 0.039 |
| scale(NAcc\_avg\_peak\_yes\_pos) |  |  | 0.416 | 0.265\* |  | 0.535\*\* | 0.448\* |
|  |  |  | t = 1.631 | t = 3.318 |  | t = 3.237 | t = 2.952 |
|  |  |  | s.e. = 0.255, p-val = 0.131 | s.e. = 0.080, p-val = 0.011 |  | s.e. = 0.165, p-val = 0.008 | s.e. = 0.152, p-val = 0.016 |
| scale(AIns\_avg\_peak\_yes\_pos) |  |  | −0.109 | −0.140+ |  | −0.328+ | −0.361\* |
|  |  |  | t = −0.437 | t = −1.878 |  | t = −2.028 | t = −2.550 |
|  |  |  | s.e. = 0.250, p-val = 0.671 | s.e. = 0.074, p-val = 0.097 |  | s.e. = 0.162, p-val = 0.068 | s.e. = 0.141, p-val = 0.031 |
| scale(MPFC\_avg\_peak\_yes\_pos) |  |  | −0.135 | −0.020 |  | −0.080 | 0.175 |
|  |  |  | t = −0.533 | t = −0.204 |  | t = −0.486 | t = 0.954 |
|  |  |  | s.e. = 0.253, p-val = 0.605 | s.e. = 0.097, p-val = 0.844 |  | s.e. = 0.164, p-val = 0.636 | s.e. = 0.183, p-val = 0.365 |
| Num.Obs. | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| R2 | 0.817 | 0.227 | 0.224 | 0.951 | 0.194 | 0.605 | 0.761 |
| R2 Adj. | 0.803 | 0.098 | 0.012 | 0.915 | 0.060 | 0.498 | 0.628 |
| AIC | 528.3 | 551.9 | 554.0 | 518.4 | 322.1 | 313.4 | 309.9 |
| BIC | 530.4 | 554.7 | 557.5 | 524.0 | 325.0 | 317.0 | 314.9 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | | | | | |

## `geom\_smooth()` using formula = 'y ~ x'



## AggCom: Inter-Subject Correlation Models.

|  | Base G | Affect G | Neuro ISC G | Full ISC G | Affect GT | Neuro ISC GT | Full ISC GT |
| --- | --- | --- | --- | --- | --- | --- | --- |
| (Intercept) | 16.946\*\*\* | 16.946\*\*\* | 0.000 | 0.000 | 9.362\*\*\* | 0.000 | 0.000 |
|  | t = 158.935 | t = 74.287 | t = 0.000 | t = 0.000 | t = 44.199 | t = 0.000 | t = 0.000 |
|  | s.e. = 0.107, p-val = <0.001 | s.e. = 0.228, p-val = <0.001 | s.e. = 0.289, p-val = 1.000 | s.e. = 0.171, p-val = 1.000 | s.e. = 0.212, p-val = <0.001 | s.e. = 0.264, p-val = 1.000 | s.e. = 0.282, p-val = 1.000 |
| scale(TheatersM1) | 0.841\*\*\* |  |  | 0.806\* |  |  |  |
|  | t = 7.620 |  |  | t = 3.265 |  |  |  |
|  | s.e. = 0.110, p-val = <0.001 |  |  | s.e. = 0.247, p-val = 0.011 |  |  |  |
| scale(Pos\_arousal\_scaled) |  | 0.275 |  | 0.213 | 0.059 |  | −0.015 |
|  |  | t = 1.161 |  | t = 1.107 | t = 0.267 |  | t = −0.050 |
|  |  | s.e. = 0.237, p-val = 0.268 |  | s.e. = 0.192, p-val = 0.301 | s.e. = 0.220, p-val = 0.794 |  | s.e. = 0.305, p-val = 0.961 |
| scale(Neg\_arousal\_scaled) |  | −0.323 |  | −0.031 | −0.363 |  | −0.295 |
|  |  | t = −1.363 |  | t = −0.112 | t = −1.649 |  | t = −0.798 |
|  |  | s.e. = 0.237, p-val = 0.198 |  | s.e. = 0.275, p-val = 0.914 | s.e. = 0.220, p-val = 0.125 |  | s.e. = 0.370, p-val = 0.446 |
| scale(NAcc\_ISC) |  |  | −0.058 | 0.029 |  | 0.054 | 0.040 |
|  |  |  | t = −0.194 | t = 0.153 |  | t = 0.199 | t = 0.134 |
|  |  |  | s.e. = 0.300, p-val = 0.850 | s.e. = 0.190, p-val = 0.882 |  | s.e. = 0.274, p-val = 0.846 | s.e. = 0.298, p-val = 0.897 |
| scale(AIns\_ISC) |  |  | −0.098 | 0.025 |  | 0.026 | −0.070 |
|  |  |  | t = −0.326 | t = 0.121 |  | t = 0.097 | t = −0.219 |
|  |  |  | s.e. = 0.300, p-val = 0.751 | s.e. = 0.209, p-val = 0.906 |  | s.e. = 0.274, p-val = 0.925 | s.e. = 0.321, p-val = 0.832 |
| scale(MPFC\_ISC) |  |  | −0.027 | −0.255 |  | −0.416 | −0.271 |
|  |  |  | t = −0.091 | t = −0.992 |  | t = −1.520 | t = −0.784 |
|  |  |  | s.e. = 0.300, p-val = 0.929 | s.e. = 0.257, p-val = 0.350 |  | s.e. = 0.274, p-val = 0.157 | s.e. = 0.345, p-val = 0.453 |
| Num.Obs. | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| R2 | 0.817 | 0.227 | 0.014 | 0.750 | 0.194 | 0.176 | 0.232 |
| R2 Adj. | 0.803 | 0.098 | −0.255 | 0.562 | 0.060 | −0.048 | −0.195 |
| AIC | 528.3 | 551.9 | 51.3 | 36.8 | 322.1 | 48.6 | 51.6 |
| BIC | 530.4 | 554.7 | 54.9 | 42.4 | 325.0 | 52.2 | 56.5 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | | | | | |

# Individual Results Horror Trailers.

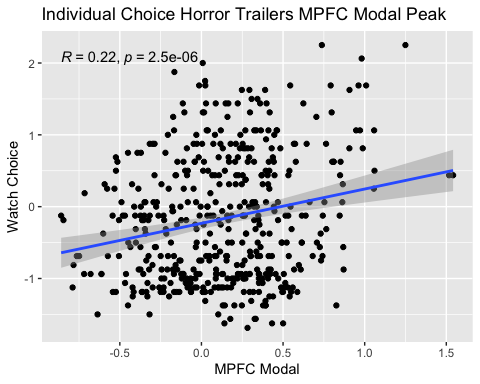
## IndHor: Sequence models.

|  | Affect | Neuro seq | Affect & Neuro seq |
| --- | --- | --- | --- |
| (Intercept) | 0.000 | −0.001 | 0.000 |
|  | t = 0.002 | t = −0.006 | t = 0.000 |
|  | s.e. = 0.108, p-val = 0.998 | s.e. = 0.124, p-val = 0.995 | s.e. = 0.107, p-val = 1.000 |
| scale(Pos\_arousal\_scaled) | 0.489\*\*\* |  | 0.486\*\*\* |
|  | t = 12.857 |  | t = 12.768 |
|  | s.e. = 0.038, p-val = <0.001 |  | s.e. = 0.038, p-val = <0.001 |
| scale(Neg\_arousal\_scaled) | −0.135\*\*\* |  | −0.130\*\* |
|  | t = −3.312 |  | t = −3.167 |
|  | s.e. = 0.041, p-val = <0.001 |  | s.e. = 0.041, p-val = 0.002 |
| scale(NAcc\_offset) |  | 0.082+ | 0.054 |
|  |  | t = 1.947 | t = 1.476 |
|  |  | s.e. = 0.042, p-val = 0.052 | s.e. = 0.036, p-val = 0.141 |
| scale(AIns\_offset) |  | −0.020 | −0.017 |
|  |  | t = −0.477 | t = −0.456 |
|  |  | s.e. = 0.042, p-val = 0.634 | s.e. = 0.037, p-val = 0.649 |
| scale(MPFC\_offset) |  | 0.032 | 0.041 |
|  |  | t = 0.762 | t = 1.143 |
|  |  | s.e. = 0.041, p-val = 0.446 | s.e. = 0.036, p-val = 0.254 |
| SD (Intercept Participant) | 0.473 | 0.517 | 0.470 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Intercept Trailer) | 0.224 | 0.284 | 0.222 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Observations) | 0.697 | 0.808 | 0.696 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| R2 Marg. | 0.228 | 0.009 | 0.234 |
| R2 Cond. | 0.507 | 0.354 | 0.509 |
| AIC | 1094.9 | 1237.5 | 1110.6 |
| BIC | 1119.7 | 1266.5 | 1147.9 |
| ICC | 0.4 | 0.3 | 0.4 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | |

## IndHor: Modal Peak (MP) Model.

|  | Affect | Neuro MP | Affect & Neuro MP |
| --- | --- | --- | --- |
| (Intercept) | 0.000 | −0.001 | 0.000 |
|  | t = 0.002 | t = −0.009 | t = 0.000 |
|  | s.e. = 0.108, p-val = 0.998 | s.e. = 0.118, p-val = 0.993 | s.e. = 0.104, p-val = 1.000 |
| scale(Pos\_arousal\_scaled) | 0.489\*\*\* |  | 0.475\*\*\* |
|  | t = 12.857 |  | t = 12.333 |
|  | s.e. = 0.038, p-val = <0.001 |  | s.e. = 0.039, p-val = <0.001 |
| scale(Neg\_arousal\_scaled) | −0.135\*\*\* |  | −0.137\*\*\* |
|  | t = −3.312 |  | t = −3.359 |
|  | s.e. = 0.041, p-val = <0.001 |  | s.e. = 0.041, p-val = <0.001 |
| scale(NAcc\_avg\_peak\_yes\_pos) |  | 0.040 | 0.025 |
|  |  | t = 1.023 | t = 0.730 |
|  |  | s.e. = 0.040, p-val = 0.307 | s.e. = 0.034, p-val = 0.466 |
| scale(AIns\_avg\_peak\_yes\_pos) |  | 0.069+ | 0.052 |
|  |  | t = 1.701 | t = 1.469 |
|  |  | s.e. = 0.040, p-val = 0.090 | s.e. = 0.035, p-val = 0.143 |
| scale(MPFC\_avg\_peak\_yes\_pos) |  | 0.130\*\* | 0.060+ |
|  |  | t = 3.221 | t = 1.683 |
|  |  | s.e. = 0.040, p-val = 0.001 | s.e. = 0.036, p-val = 0.093 |
| SD (Intercept Participant) | 0.473 | 0.492 | 0.456 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Intercept Trailer) | 0.224 | 0.268 | 0.217 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Observations) | 0.697 | 0.802 | 0.696 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| R2 Marg. | 0.228 | 0.027 | 0.241 |
| R2 Cond. | 0.507 | 0.346 | 0.502 |
| AIC | 1094.9 | 1228.2 | 1109.6 |
| BIC | 1119.7 | 1257.2 | 1146.9 |
| ICC | 0.4 | 0.3 | 0.3 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | |

## `geom\_smooth()` using formula = 'y ~ x'



## IndHor: ISC models.

|  | Affect | Neuro ISC | Affect & Neuro ISC |
| --- | --- | --- | --- |
| (Intercept) | 0.000 | −0.001 | 0.000 |
|  | t = 0.002 | t = −0.006 | t = −0.001 |
|  | s.e. = 0.108, p-val = 0.998 | s.e. = 0.123, p-val = 0.995 | s.e. = 0.106, p-val = 0.999 |
| scale(Pos\_arousal\_scaled) | 0.489\*\*\* |  | 0.486\*\*\* |
|  | t = 12.857 |  | t = 12.773 |
|  | s.e. = 0.038, p-val = <0.001 |  | s.e. = 0.038, p-val = <0.001 |
| scale(Neg\_arousal\_scaled) | −0.135\*\*\* |  | −0.131\*\* |
|  | t = −3.312 |  | t = −3.227 |
|  | s.e. = 0.041, p-val = <0.001 |  | s.e. = 0.041, p-val = 0.001 |
| scale(NAcc\_ISC) |  | 0.002 | −0.014 |
|  |  | t = 0.040 | t = −0.401 |
|  |  | s.e. = 0.041, p-val = 0.968 | s.e. = 0.035, p-val = 0.689 |
| scale(AIns\_ISC) |  | −0.093\* | −0.081\* |
|  |  | t = −2.243 | t = −2.280 |
|  |  | s.e. = 0.041, p-val = 0.025 | s.e. = 0.036, p-val = 0.023 |
| scale(MPFC\_ISC) |  | 0.050 | 0.018 |
|  |  | t = 1.233 | t = 0.505 |
|  |  | s.e. = 0.040, p-val = 0.218 | s.e. = 0.035, p-val = 0.614 |
| SD (Intercept Participant) | 0.473 | 0.510 | 0.462 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Intercept Trailer) | 0.224 | 0.284 | 0.222 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| SD (Observations) | 0.697 | 0.807 | 0.695 |
|  | s.e. = , p-val = | s.e. = , p-val = | s.e. = , p-val = |
| R2 Marg. | 0.228 | 0.011 | 0.237 |
| R2 Cond. | 0.507 | 0.350 | 0.505 |
| AIC | 1094.9 | 1236.4 | 1109.4 |
| BIC | 1119.7 | 1265.4 | 1146.8 |
| ICC | 0.4 | 0.3 | 0.4 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | |

# Aggregate Results Horror Trailers.

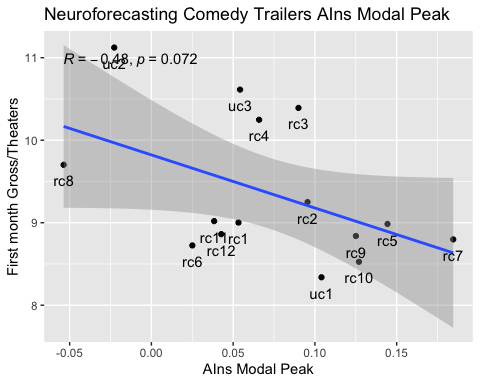
## AggHor: Seq Models.

|  | Base G | Affect G | Neuro Seq G | Full Seq G | Affect GT | Neuro Seq GT | Full Seq GT |
| --- | --- | --- | --- | --- | --- | --- | --- |
| (Intercept) | 17.484\*\*\* | 17.484\*\*\* | 17.484\*\*\* | 17.484\*\*\* | 9.503\*\*\* | 9.503\*\*\* | 9.503\*\*\* |
|  | t = 151.190 | t = 79.458 | t = 86.751 | t = 176.711 | t = 53.022 | t = 58.800 | t = 83.381 |
|  | s.e. = 0.116, p-val = <0.001 | s.e. = 0.220, p-val = <0.001 | s.e. = 0.202, p-val = <0.001 | s.e. = 0.099, p-val = <0.001 | s.e. = 0.179, p-val = <0.001 | s.e. = 0.162, p-val = <0.001 | s.e. = 0.114, p-val = <0.001 |
| scale(TheatersM1) | 0.710\*\*\* |  |  | 0.597\* |  |  |  |
|  | t = 5.916 |  |  | t = 3.232 |  |  |  |
|  | s.e. = 0.120, p-val = <0.001 |  |  | s.e. = 0.185, p-val = 0.014 |  |  |  |
| scale(Pos\_arousal\_scaled) |  | −0.052 |  | −0.261 | −0.068 |  | −0.408\* |
|  |  | t = −0.215 |  | t = −1.595 | t = −0.342 |  | t = −2.398 |
|  |  | s.e. = 0.243, p-val = 0.834 |  | s.e. = 0.164, p-val = 0.155 | s.e. = 0.198, p-val = 0.738 |  | s.e. = 0.170, p-val = 0.043 |
| scale(Neg\_arousal\_scaled) |  | −0.300 |  | −0.128 | −0.209 |  | −0.361\* |
|  |  | t = −1.232 |  | t = −0.786 | t = −1.055 |  | t = −2.432 |
|  |  | s.e. = 0.243, p-val = 0.244 |  | s.e. = 0.163, p-val = 0.457 | s.e. = 0.198, p-val = 0.314 |  | s.e. = 0.149, p-val = 0.041 |
| scale(NAcc\_offset) |  |  | −0.409+ | −0.104 |  | −0.349+ | −0.154 |
|  |  |  | t = −1.842 | t = −0.861 |  | t = −1.962 | t = −1.118 |
|  |  |  | s.e. = 0.222, p-val = 0.095 | s.e. = 0.121, p-val = 0.418 |  | s.e. = 0.178, p-val = 0.078 | s.e. = 0.138, p-val = 0.296 |
| scale(AIns\_offset) |  |  | 0.193 | 0.385\* |  | 0.207 | 0.576\*\* |
|  |  |  | t = 0.889 | t = 2.379 |  | t = 1.191 | t = 3.554 |
|  |  |  | s.e. = 0.217, p-val = 0.395 | s.e. = 0.162, p-val = 0.049 |  | s.e. = 0.174, p-val = 0.261 | s.e. = 0.162, p-val = 0.007 |
| scale(MPFC\_offset) |  |  | 0.429+ | 0.167 |  | 0.307 | 0.514\*\* |
|  |  |  | t = 1.916 | t = 0.816 |  | t = 1.712 | t = 3.413 |
|  |  |  | s.e. = 0.224, p-val = 0.084 | s.e. = 0.205, p-val = 0.442 |  | s.e. = 0.180, p-val = 0.118 | s.e. = 0.151, p-val = 0.009 |
| Num.Obs. | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| R2 | 0.745 | 0.153 | 0.354 | 0.891 | 0.132 | 0.359 | 0.745 |
| R2 Adj. | 0.723 | −0.001 | 0.160 | 0.798 | −0.026 | 0.166 | 0.585 |
| AIC | 509.7 | 528.4 | 526.7 | 507.7 | 299.2 | 297.0 | 288.1 |
| BIC | 511.6 | 531.0 | 529.9 | 512.9 | 301.8 | 300.2 | 292.6 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | | | | | |

## AggHor: Modal Peak (MP) Models.

|  | Base G | Affect G | Neuro MP G | Full MP G | Affect GT | Neuro MP GT | Full MP GT |
| --- | --- | --- | --- | --- | --- | --- | --- |
| (Intercept) | 17.484\*\*\* | 17.484\*\*\* | 17.484\*\*\* | 17.484\*\*\* | 9.503\*\*\* | 9.503\*\*\* | 9.503\*\*\* |
|  | t = 151.190 | t = 79.458 | t = 89.174 | t = 137.565 | t = 53.022 | t = 59.819 | t = 59.503 |
|  | s.e. = 0.116, p-val = <0.001 | s.e. = 0.220, p-val = <0.001 | s.e. = 0.196, p-val = <0.001 | s.e. = 0.127, p-val = <0.001 | s.e. = 0.179, p-val = <0.001 | s.e. = 0.159, p-val = <0.001 | s.e. = 0.160, p-val = <0.001 |
| scale(TheatersM1) | 0.710\*\*\* |  |  | 0.691\* |  |  |  |
|  | t = 5.916 |  |  | t = 3.194 |  |  |  |
|  | s.e. = 0.120, p-val = <0.001 |  |  | s.e. = 0.216, p-val = 0.015 |  |  |  |
| scale(Pos\_arousal\_scaled) |  | −0.052 |  | 0.043 | −0.068 |  | 0.204 |
|  |  | t = −0.215 |  | t = 0.190 | t = −0.342 |  | t = 0.767 |
|  |  | s.e. = 0.243, p-val = 0.834 |  | s.e. = 0.225, p-val = 0.855 | s.e. = 0.198, p-val = 0.738 |  | s.e. = 0.266, p-val = 0.465 |
| scale(Neg\_arousal\_scaled) |  | −0.300 |  | 0.050 | −0.209 |  | −0.250 |
|  |  | t = −1.232 |  | t = 0.249 | t = −1.055 |  | t = −1.340 |
|  |  | s.e. = 0.243, p-val = 0.244 |  | s.e. = 0.199, p-val = 0.811 | s.e. = 0.198, p-val = 0.314 |  | s.e. = 0.187, p-val = 0.217 |
| scale(NAcc\_avg\_peak\_yes\_pos) |  |  | −0.374 | −0.047 |  | −0.228 | −0.374 |
|  |  |  | t = −1.168 | t = −0.163 |  | t = −0.878 | t = −1.294 |
|  |  |  | s.e. = 0.321, p-val = 0.270 | s.e. = 0.286, p-val = 0.875 |  | s.e. = 0.260, p-val = 0.401 | s.e. = 0.289, p-val = 0.232 |
| scale(AIns\_avg\_peak\_yes\_pos) |  |  | −0.444+ | −0.133 |  | −0.366+ | −0.362+ |
|  |  |  | t = −2.181 | t = −0.800 |  | t = −2.217 | t = −2.102 |
|  |  |  | s.e. = 0.203, p-val = 0.054 | s.e. = 0.167, p-val = 0.450 |  | s.e. = 0.165, p-val = 0.051 | s.e. = 0.172, p-val = 0.069 |
| scale(MPFC\_avg\_peak\_yes\_pos) |  |  | 0.201 | −0.183 |  | 0.072 | 0.093 |
|  |  |  | t = 0.626 | t = −0.698 |  | t = 0.275 | t = 0.328 |
|  |  |  | s.e. = 0.321, p-val = 0.546 | s.e. = 0.262, p-val = 0.508 |  | s.e. = 0.260, p-val = 0.789 | s.e. = 0.284, p-val = 0.751 |
| Num.Obs. | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| R2 | 0.745 | 0.153 | 0.388 | 0.820 | 0.132 | 0.380 | 0.499 |
| R2 Adj. | 0.723 | −0.001 | 0.205 | 0.666 | −0.026 | 0.194 | 0.186 |
| AIC | 509.7 | 528.4 | 525.9 | 514.8 | 299.2 | 296.5 | 297.6 |
| BIC | 511.6 | 531.0 | 529.1 | 519.9 | 301.8 | 299.7 | 302.0 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | | | | | |

## `geom\_smooth()` using formula = 'y ~ x'



## AggHor: Inter-Subject Correlation Models.

|  | Base G | Affect G | Neuro ISC G | Full ISC G | Affect GT | Neuro ISC GT | Full ISC GT |
| --- | --- | --- | --- | --- | --- | --- | --- |
| (Intercept) | 17.484\*\*\* | 17.484\*\*\* | 0.000 | 0.000 | 9.503\*\*\* | 0.000 | 0.000 |
|  | t = 151.190 | t = 79.458 | t = 0.000 | t = 0.000 | t = 53.022 | t = 0.000 | t = 0.000 |
|  | s.e. = 0.116, p-val = <0.001 | s.e. = 0.220, p-val = <0.001 | s.e. = 0.275, p-val = 1.000 | s.e. = 0.214, p-val = 1.000 | s.e. = 0.179, p-val = <0.001 | s.e. = 0.280, p-val = 1.000 | s.e. = 0.271, p-val = 1.000 |
| scale(TheatersM1) | 0.710\*\*\* |  |  | 0.680\* |  |  |  |
|  | t = 5.916 |  |  | t = 2.467 |  |  |  |
|  | s.e. = 0.120, p-val = <0.001 |  |  | s.e. = 0.276, p-val = 0.043 |  |  |  |
| scale(Pos\_arousal\_scaled) |  | −0.052 |  | −0.192 | −0.068 |  | −0.389 |
|  |  | t = −0.215 |  | t = −0.663 | t = −0.342 |  | t = −1.070 |
|  |  | s.e. = 0.243, p-val = 0.834 |  | s.e. = 0.289, p-val = 0.528 | s.e. = 0.198, p-val = 0.738 |  | s.e. = 0.364, p-val = 0.316 |
| scale(Neg\_arousal\_scaled) |  | −0.300 |  | 0.009 | −0.209 |  | −0.342 |
|  |  | t = −1.232 |  | t = 0.028 | t = −1.055 |  | t = −1.037 |
|  |  | s.e. = 0.243, p-val = 0.244 |  | s.e. = 0.301, p-val = 0.978 | s.e. = 0.198, p-val = 0.314 |  | s.e. = 0.330, p-val = 0.330 |
| scale(NAcc\_ISC) |  |  | 0.252 | 0.147 |  | 0.226 | 0.236 |
|  |  |  | t = 0.854 | t = 0.613 |  | t = 0.753 | t = 0.789 |
|  |  |  | s.e. = 0.295, p-val = 0.413 | s.e. = 0.239, p-val = 0.559 |  | s.e. = 0.301, p-val = 0.469 | s.e. = 0.298, p-val = 0.453 |
| scale(AIns\_ISC) |  |  | −0.318 | −0.240 |  | −0.297 | −0.477 |
|  |  |  | t = −1.075 | t = −0.886 |  | t = −0.985 | t = −1.474 |
|  |  |  | s.e. = 0.295, p-val = 0.307 | s.e. = 0.270, p-val = 0.405 |  | s.e. = 0.301, p-val = 0.348 | s.e. = 0.324, p-val = 0.179 |
| scale(MPFC\_ISC) |  |  | 0.085 | 0.231 |  | 0.056 | 0.433 |
|  |  |  | t = 0.284 | t = 0.755 |  | t = 0.182 | t = 1.154 |
|  |  |  | s.e. = 0.300, p-val = 0.782 | s.e. = 0.306, p-val = 0.475 |  | s.e. = 0.306, p-val = 0.859 | s.e. = 0.375, p-val = 0.282 |
| Num.Obs. | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| R2 | 0.745 | 0.153 | 0.187 | 0.653 | 0.132 | 0.155 | 0.367 |
| R2 Adj. | 0.723 | −0.001 | −0.057 | 0.356 | −0.026 | −0.098 | −0.029 |
| AIC | 509.7 | 528.4 | 45.8 | 39.9 | 299.2 | 46.3 | 46.3 |
| BIC | 511.6 | 531.0 | 49.0 | 45.0 | 301.8 | 49.5 | 50.8 |
| * p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | | | | | |