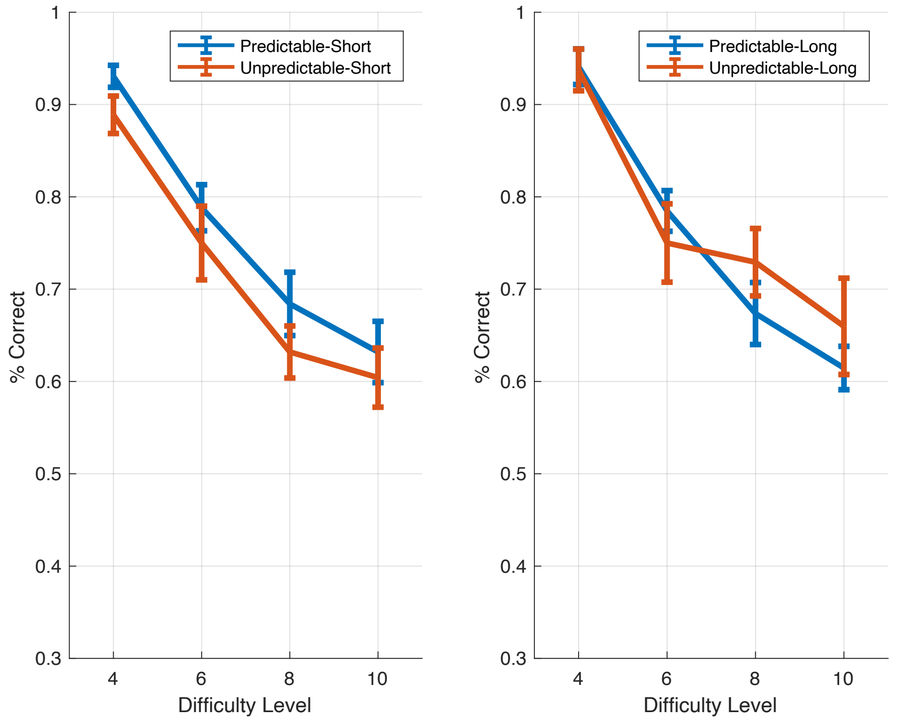
Selling points (both 4diff level and quad)

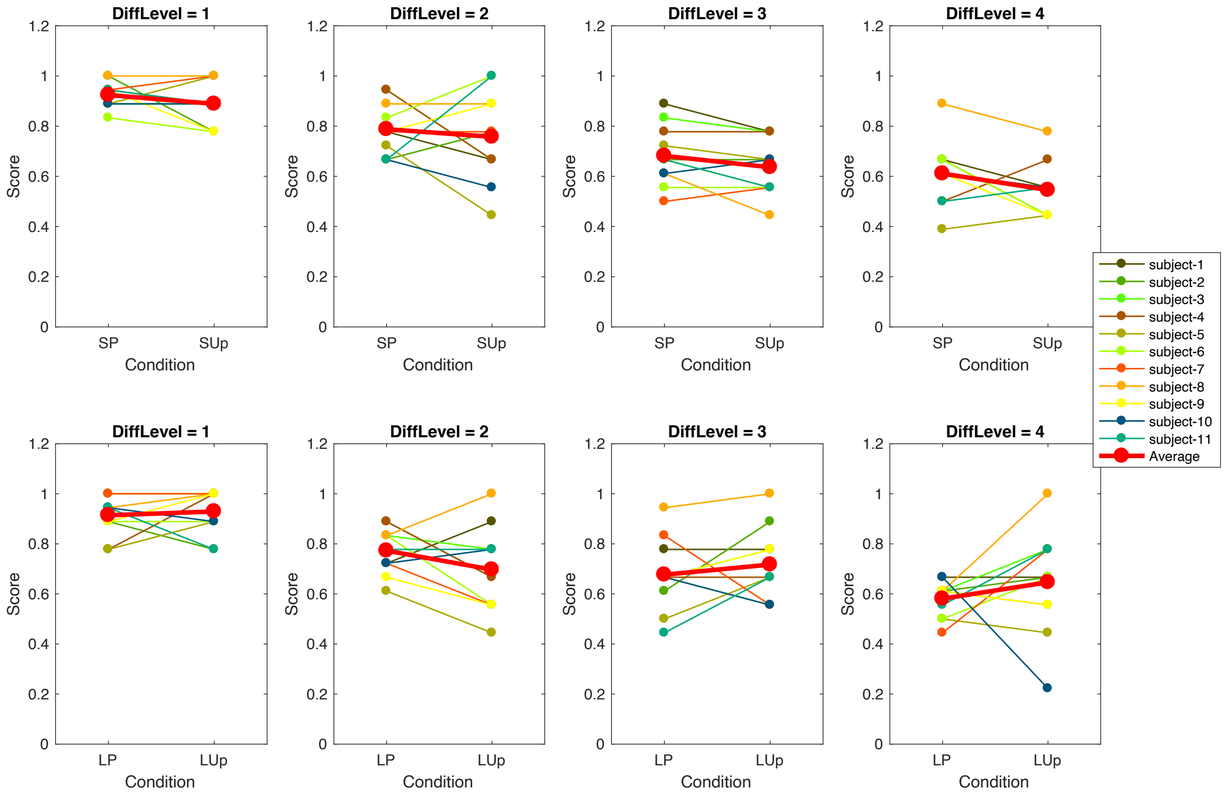
Main scores in all four visual quadrants-4Diff

- Omitting 2 subjects' (?) results in RAW poster results.
- First finding=> better temporal attention in mid level perf
- Needs rm-ANOVA

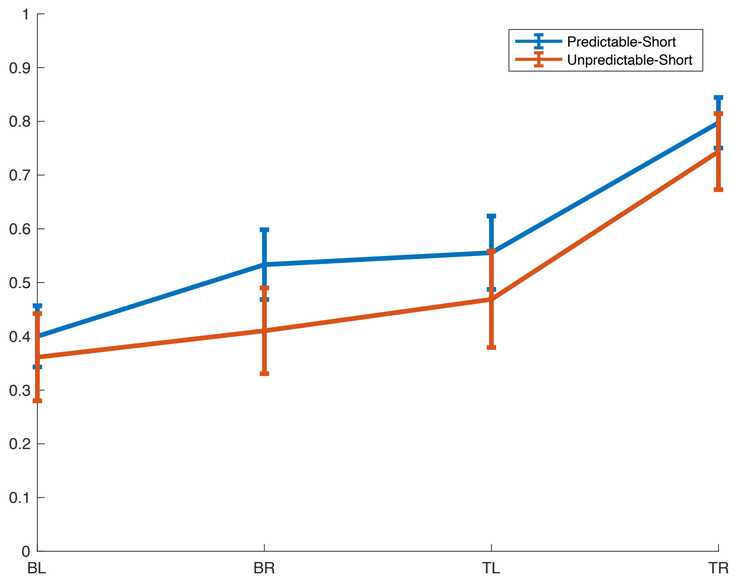


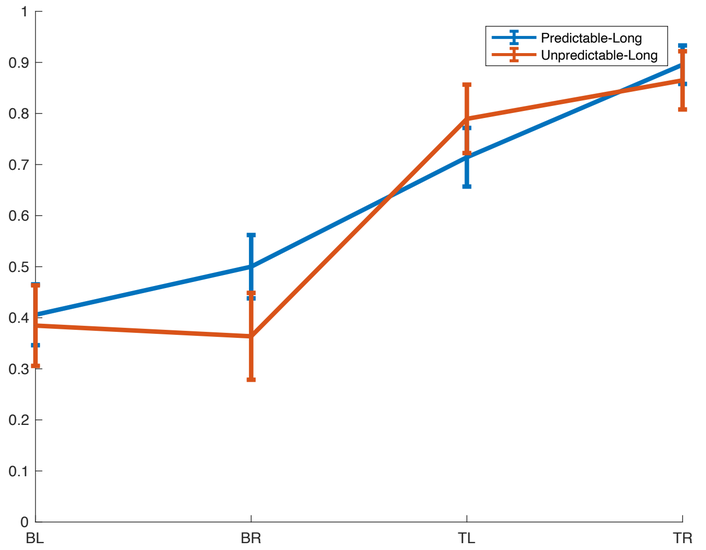
Dot Plots-4Diff

- Scores for each subject, in each condition and diff level
- Omitting 2 subjects'(?) results in RAW poster results.
- First finding=> better temporal attention in mid level perf
- Needs rm-ANOVA



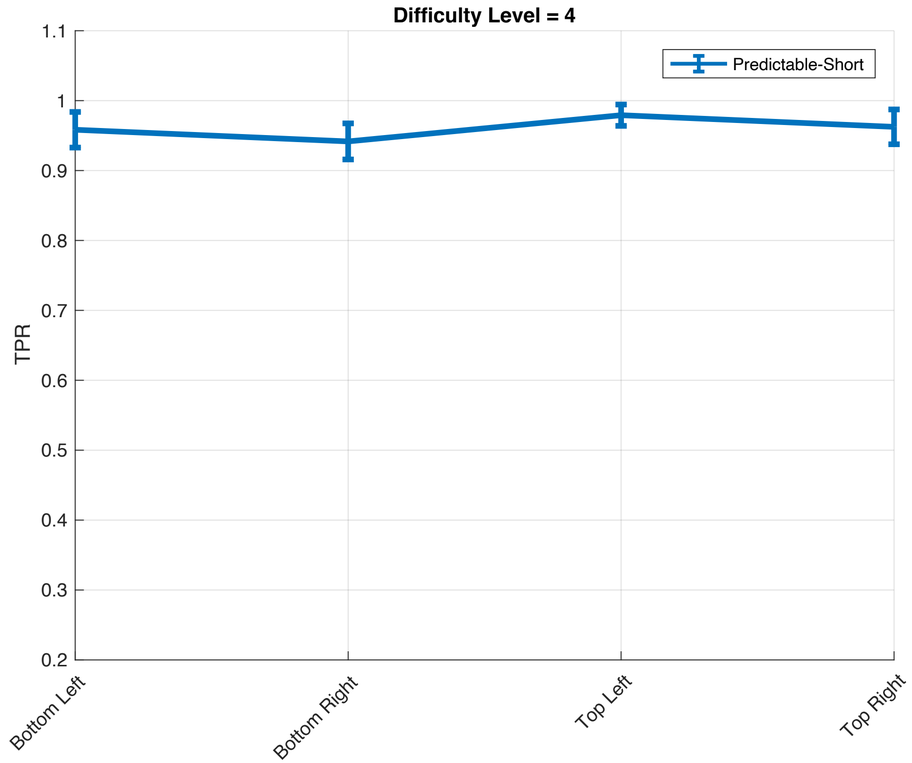
TPR in each visual quadrant-difficulty levels pooled-4Diff

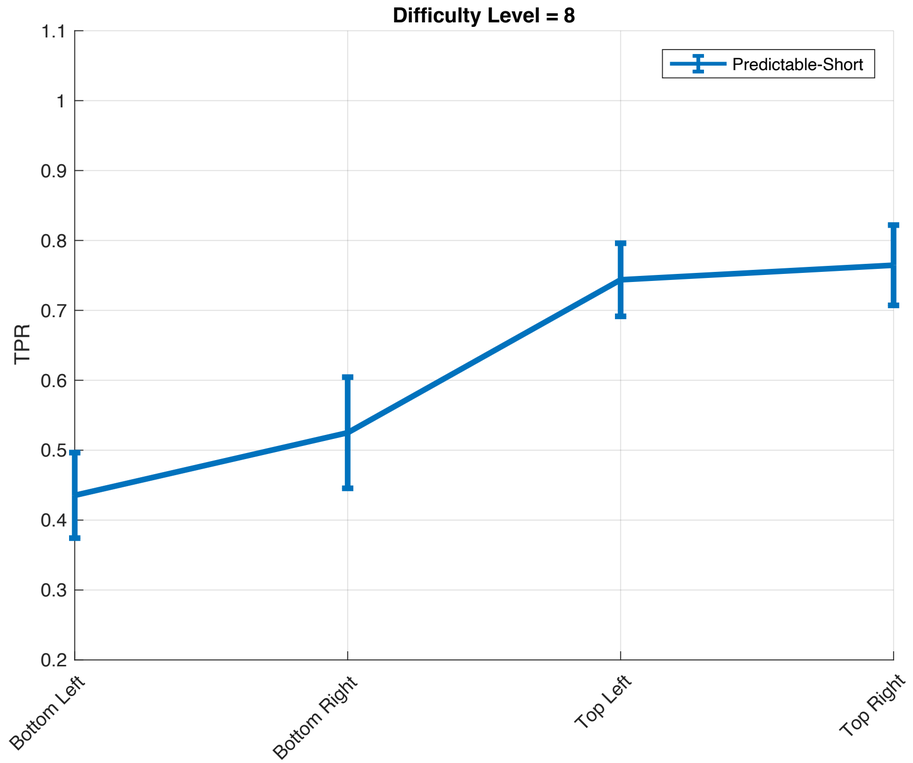




- Short predictable conditions have numerically higher performances than short unpredictable conditions in all four quadrants.
- Second finding=> drastically better performance in TR => motivation for second experiment

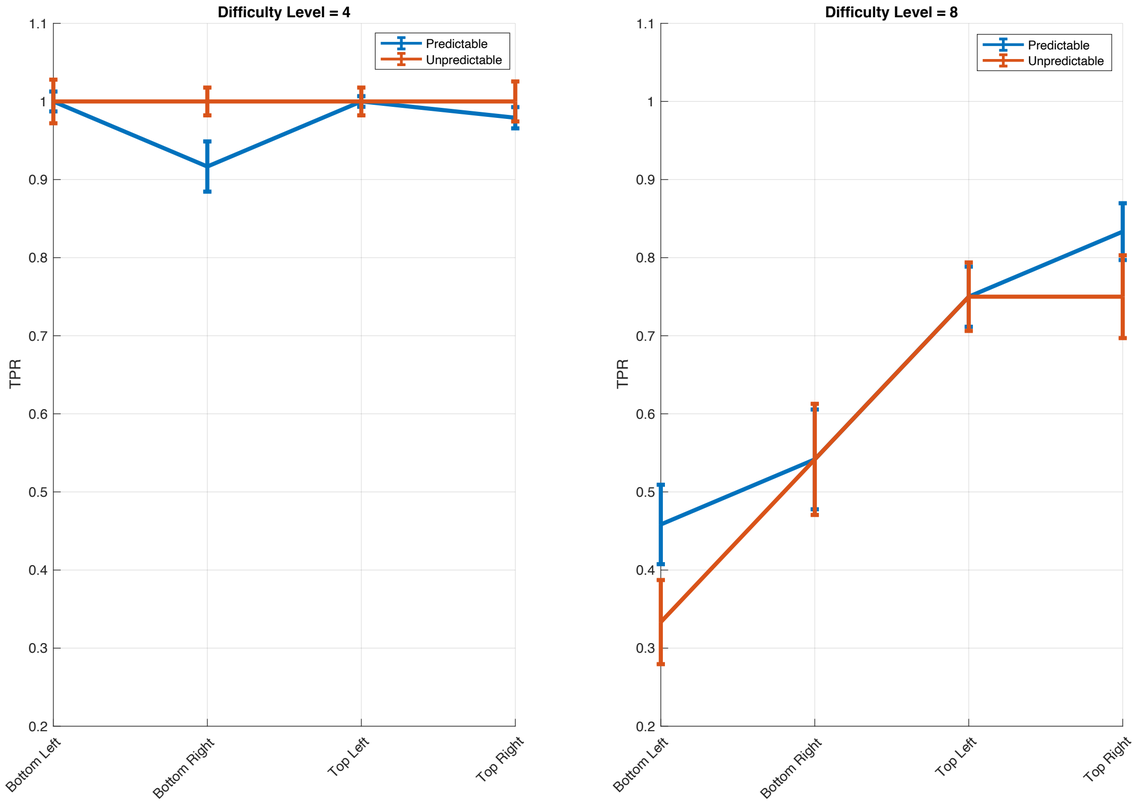
Performance difference in quadrants-Qaud





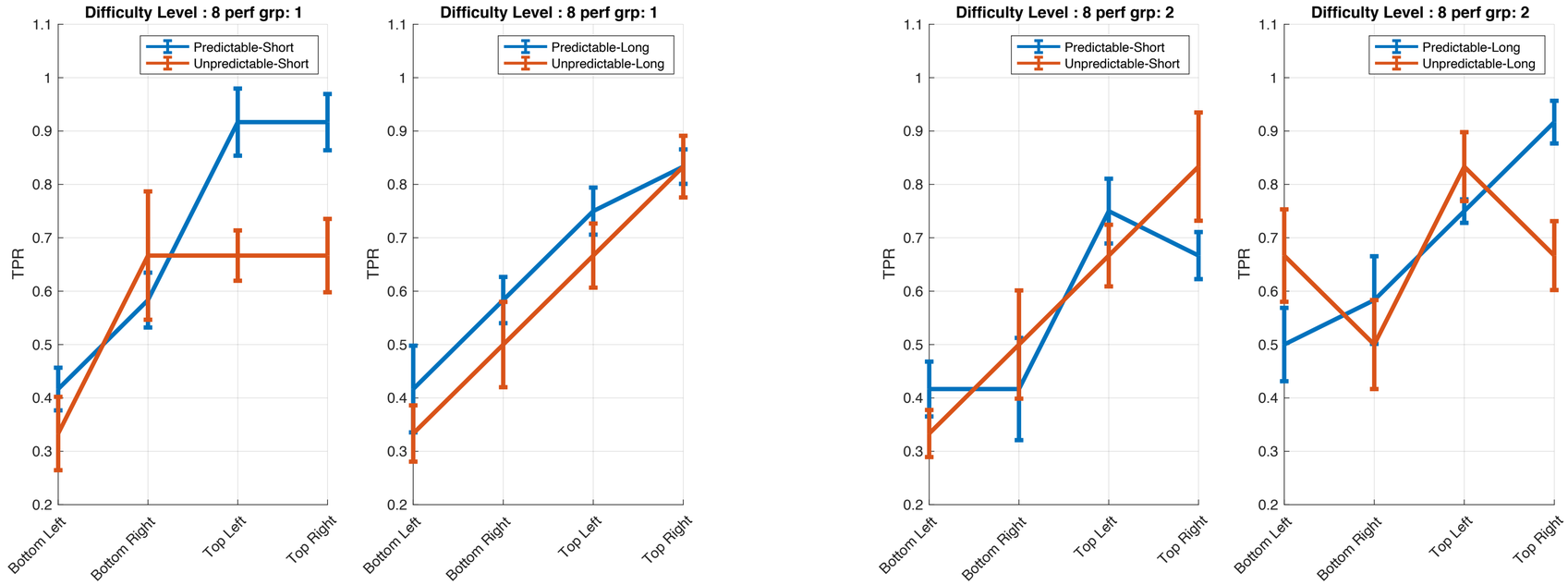
- Averaging all foreperiod and predictability conditions, in the easy condition there is no difference between performances; however, in the difficult condition there is a prominent difference between bottom and top hemifields.
- plot separately for median split groups (high/low median, predictability, diff level, quadrant)
- These are the results of 10 subjects (2-11).

Performance difference in quadrants-Qaud



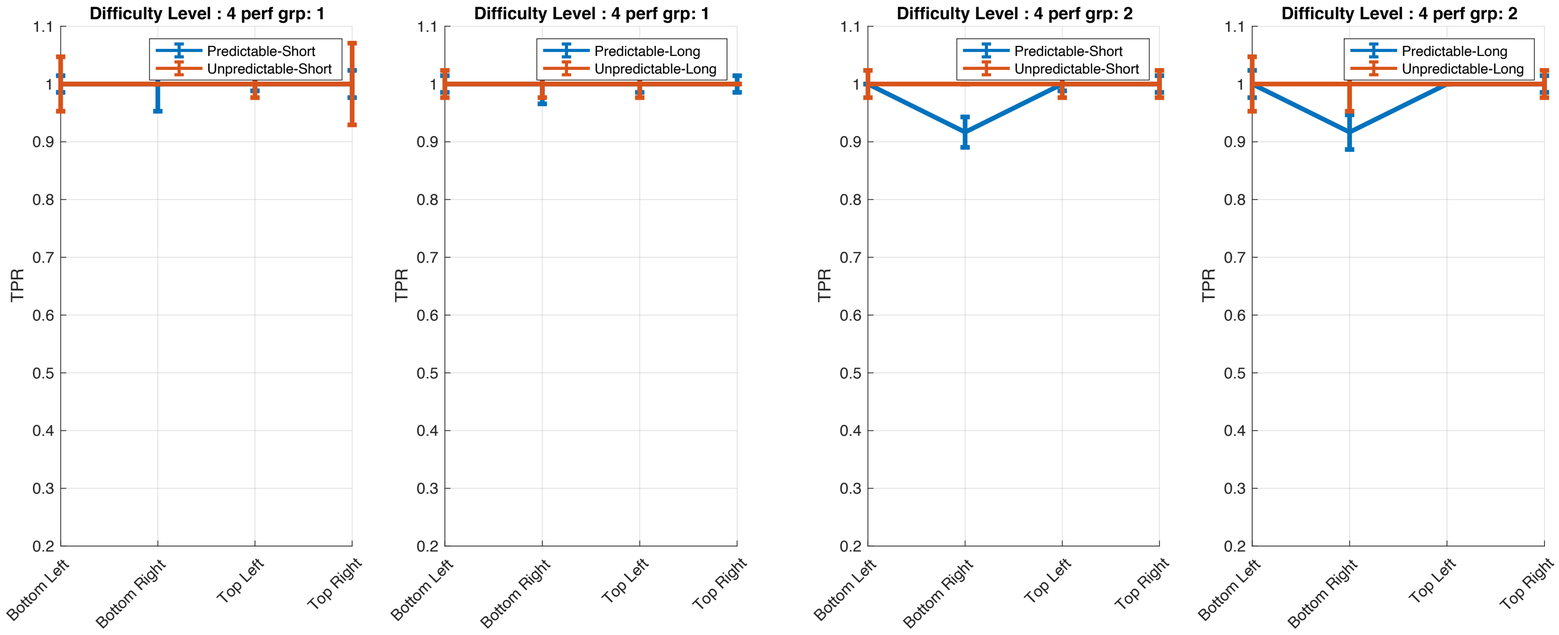
- Averaging over all foreperiods, in the easy condition there is no difference between performances; however, in the difficult condition there is a prominent difference between bottom and top hemifields.
- These are the results of 10 subjects (2-11).
- Median of scores are used here.

TPR in two performance groups -Quad



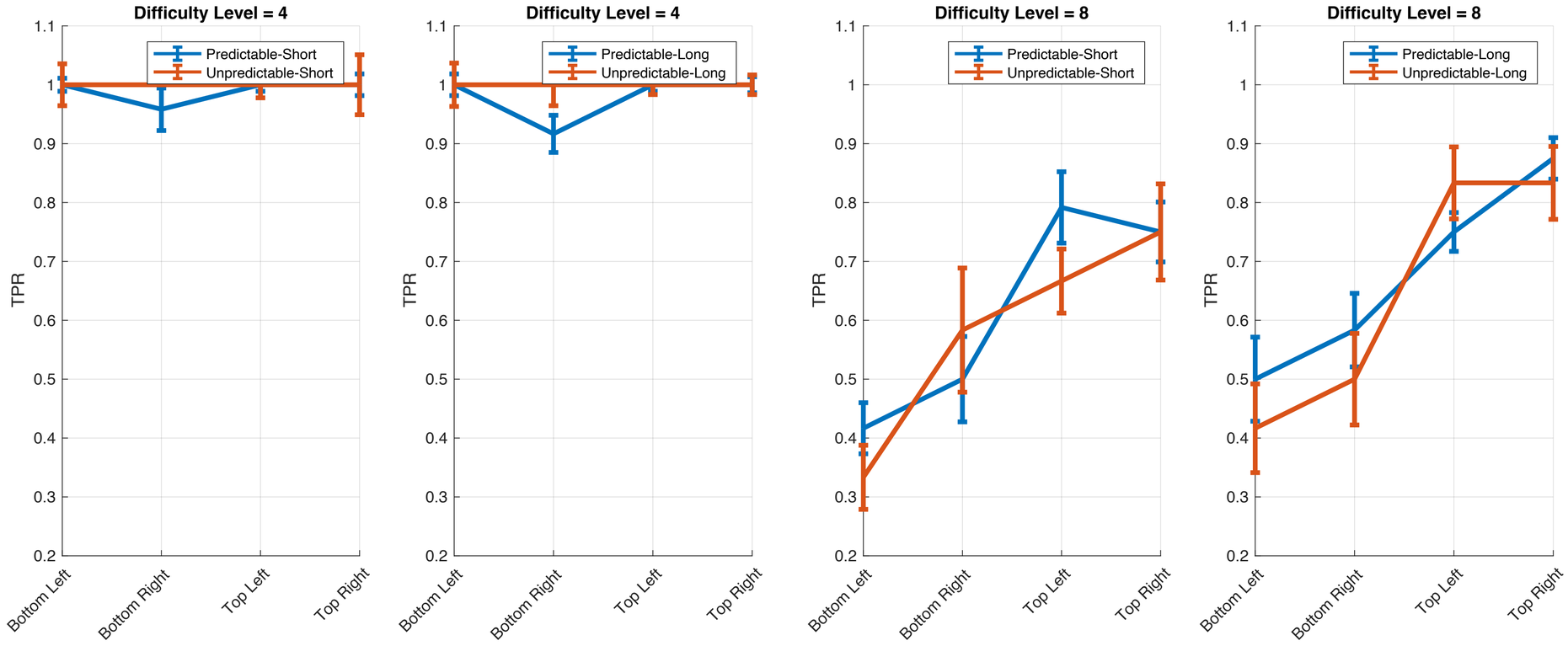
- Good performers have better performances in predictable conditions. This difference of performance reaches significancy in top hemifiled in short foreperiod.
- Bad performers do not show any difference between predictable and unpredictable conditions that could be noted.
- Performance groups are median split on TPR in difficulty=8
- 2-11

TPR in two performance groups -Quad



- There is no significant difference in good performers. Bottom right in short predictable condition shows significantly lower TPR than unpredictable condition, only in bad performers.
- Performance groups are median split on TPR in difficulty = 4
- 2-11

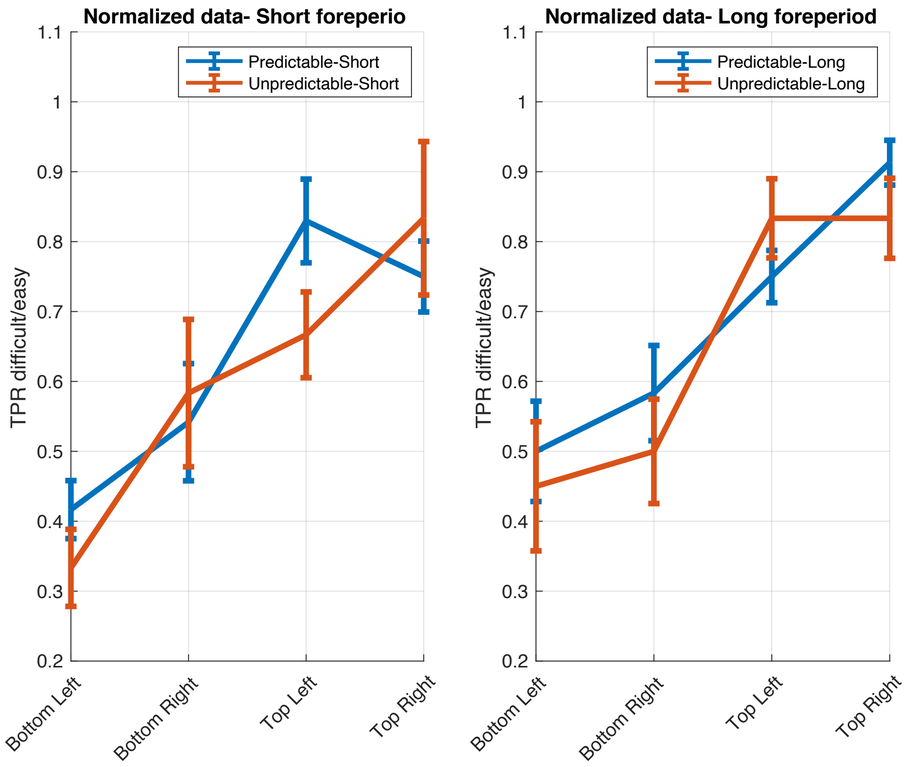
Median of TPR in all quadrants for each difficulty level-Quad



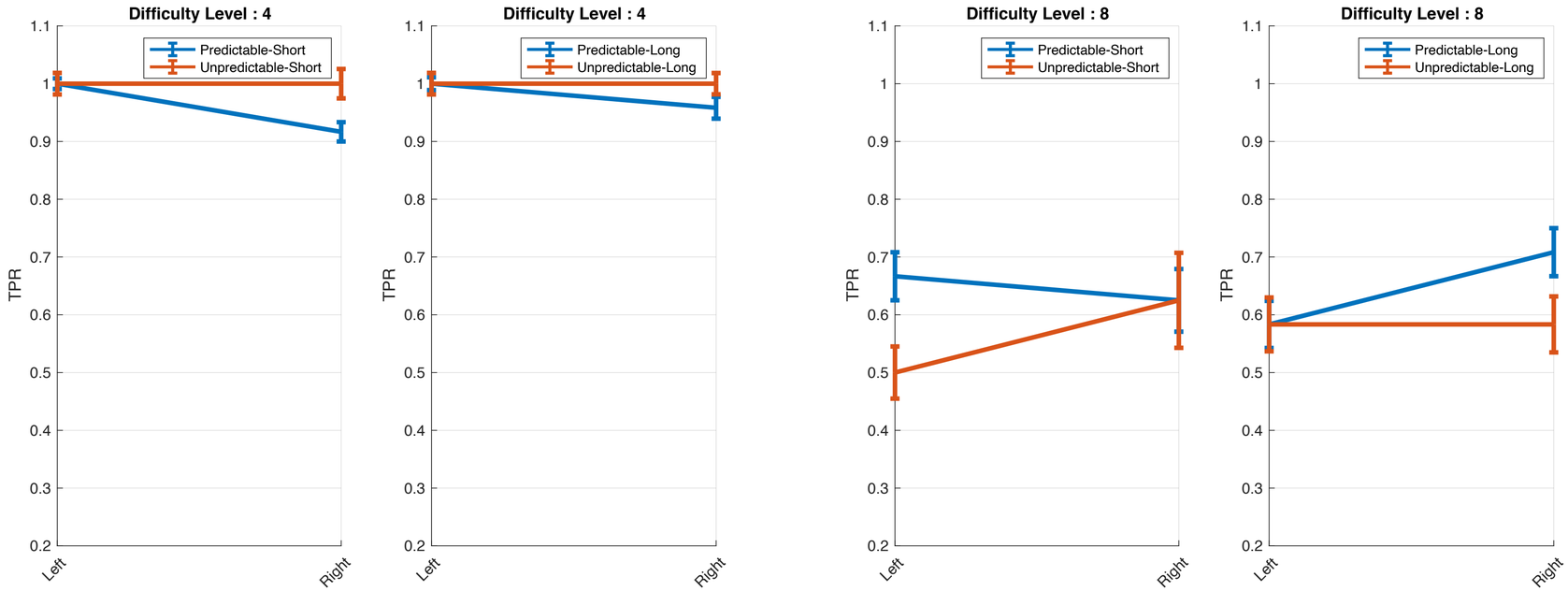
When using median instead of mean in the difficult condition the difference between predictable and unpredictable conditions in the top left quadrant reaches significance (no overlap between errorbars).
These are the results of 10 subjects (2-11).

Normalized TPR

- The performances at each position in the difficult condition is divided by the performance in the easy condition.
- In long foreperiods we can’t see any differences, but in the short foreperiod there is a significant difference in the top left quadrant between predictable and unpredictable condition. No other comparisons reached significance.
- (2-11)
- Draw top vs. bottom / R vs. Left

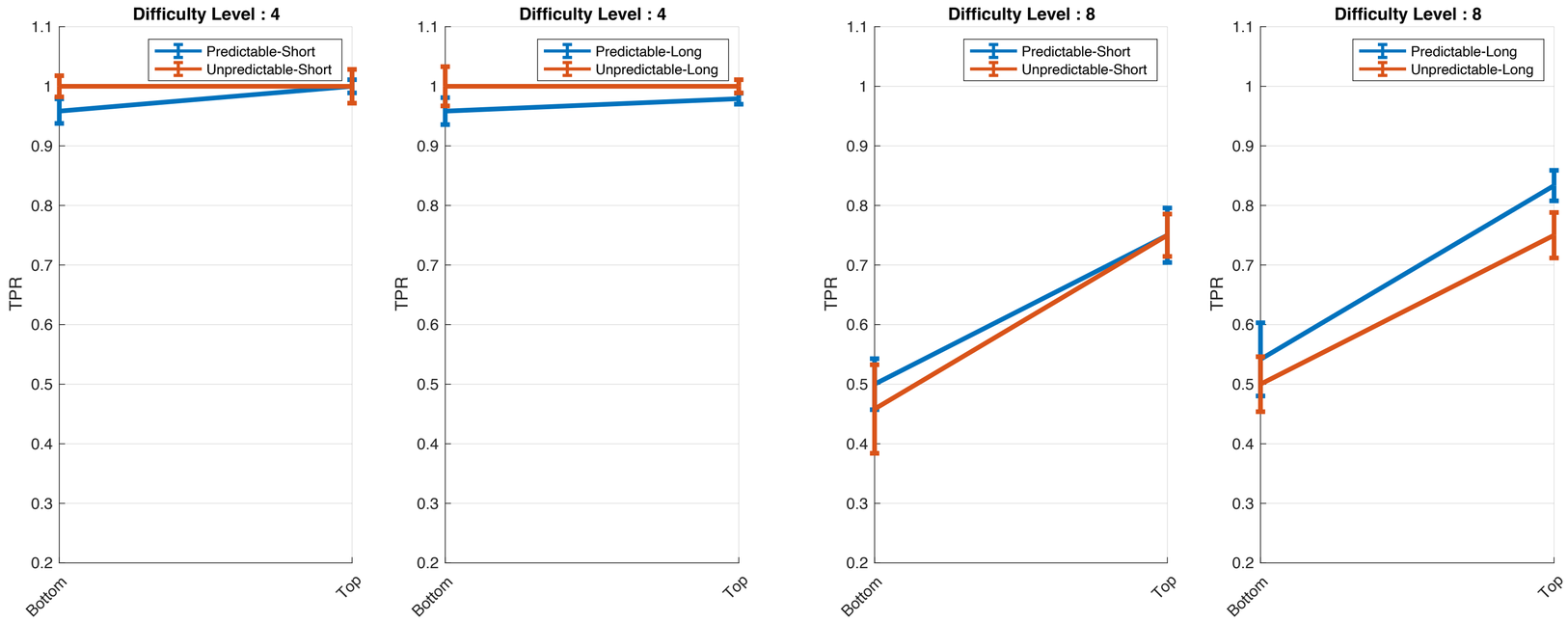


TPR in Right and Left-Quad



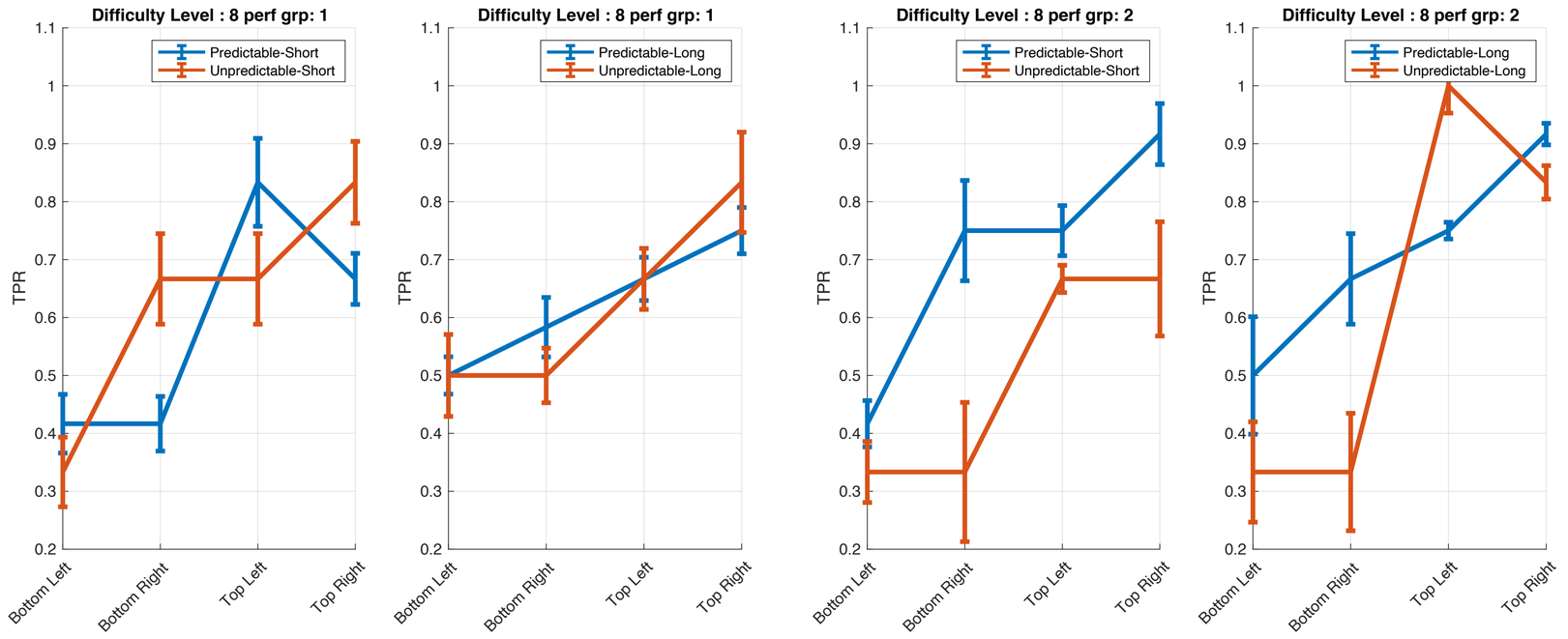
- In easy condition predictability reduced TPR in right hemifield but not in left.
- In the difficult condition generally predictability increased TPR but this difference is significant in the left in short foreperiod and in the right in long foreperiod.
- 2-11

TPR in Top and Bottom-Quad



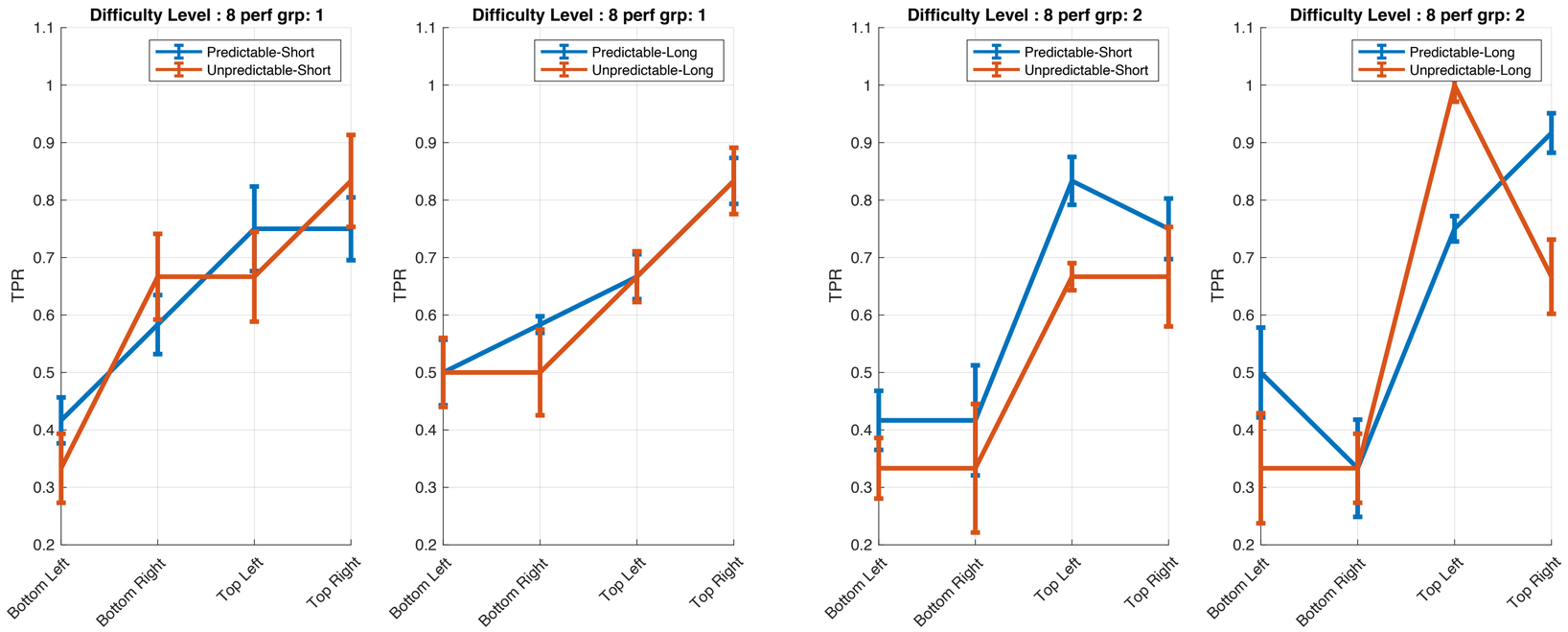
- In easy condition subjects performed equally for top and bottom stimuli.
- In the difficult condition, however, in the top hemifield subjects show significantly better performances and this increase in TPR is more prominent in the predictable conditions.
- 2-11

TPR in two performance groups-Quad



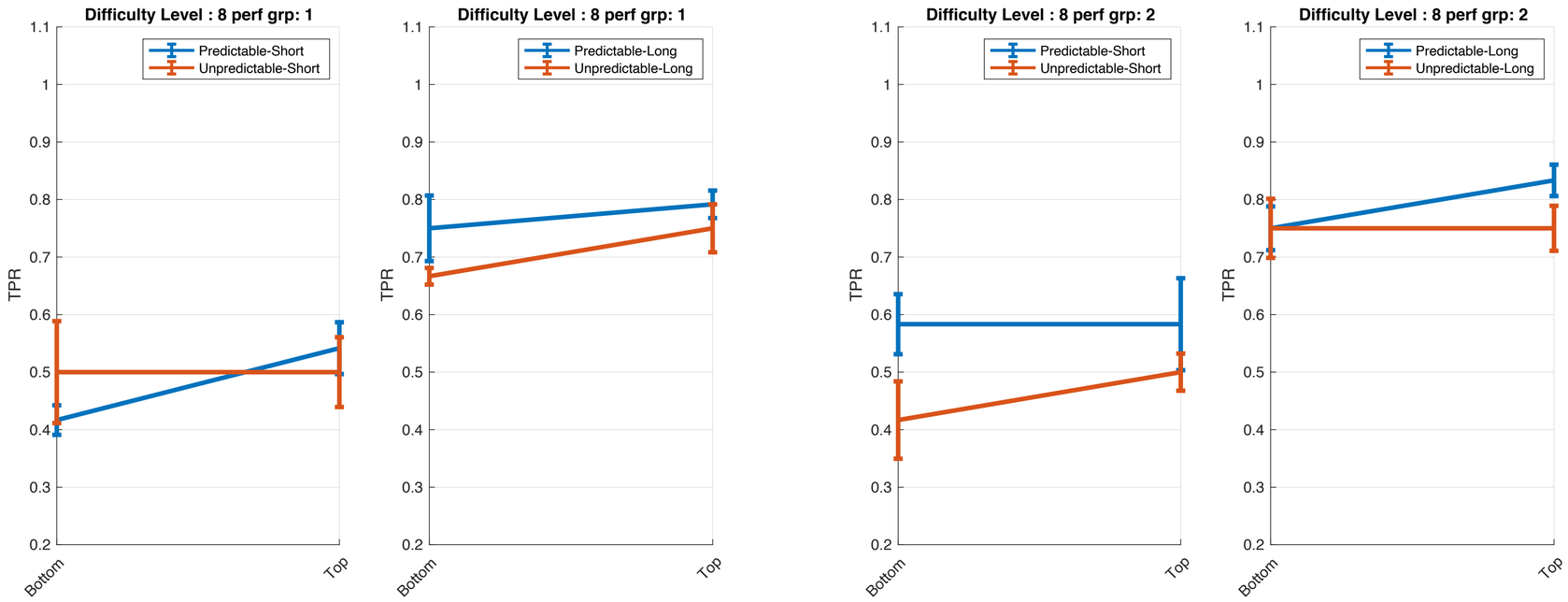
- Subjects in good unpredictable group are good in both predictable and unpredictable conditions.
- Subjects in bad unpredictable group are significantly better in predictable condition in all quadrants except top-left.
- Performance groups are median split on TPR in unpredictable condition
- 2-11

TPR in two performance groups-Quad



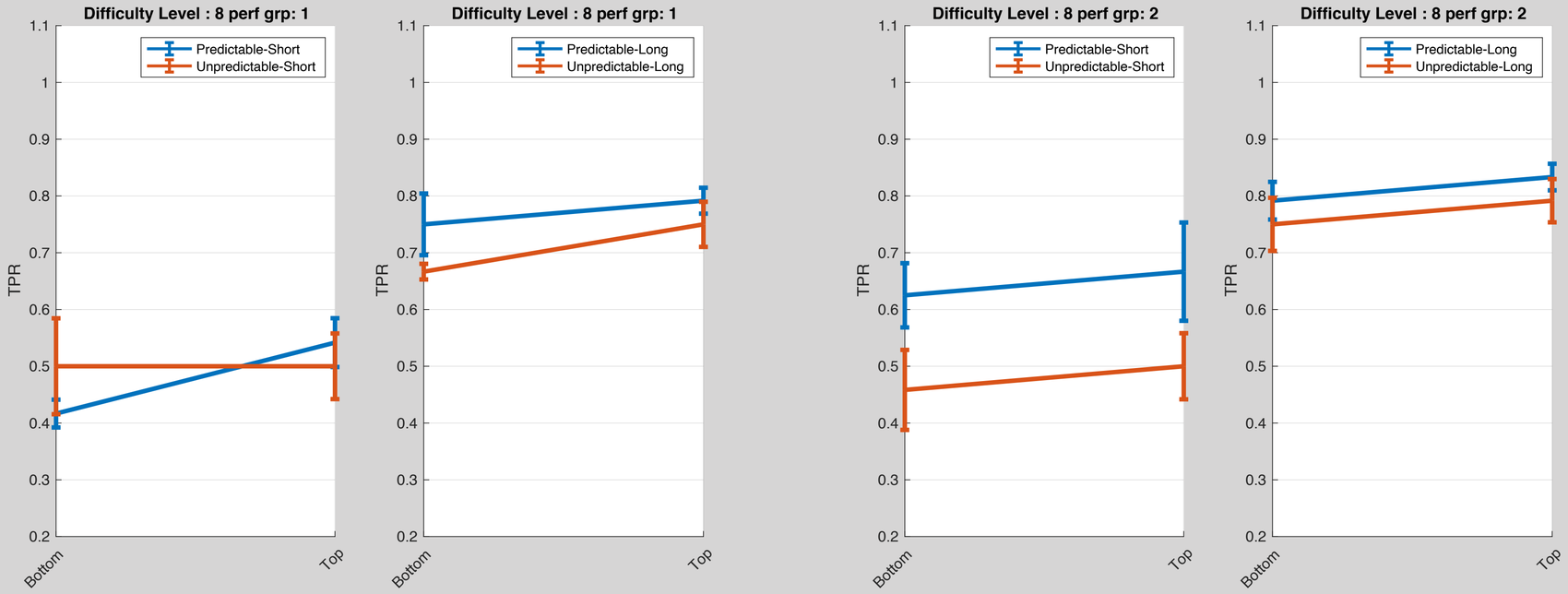
- Subjects in good predictable group are good in both predictable and unpredictable conditions.
- Subjects in bad predictable group are significantly better in predictable condition in all quadrants except top-left.
- Performance groups are median split on TPR in predictable condition
- 2-11

TPR in two performance groups-Quad



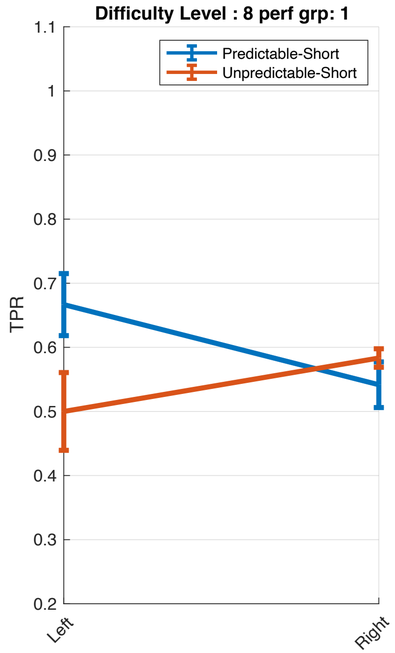
- Good performers are good in both predictable and unpredictable conditions.
- Bad performers are significantly better in predictable condition.
- Performance groups are median split on TPR
- 2-11

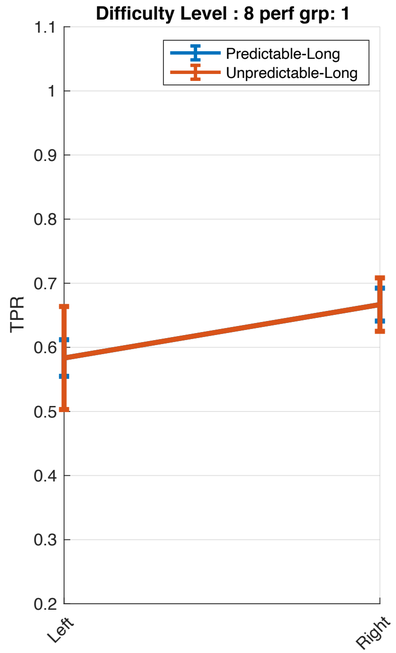
TPR in two performance groups-Quad

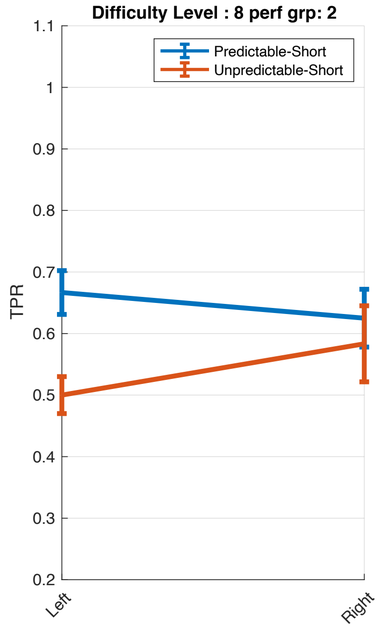


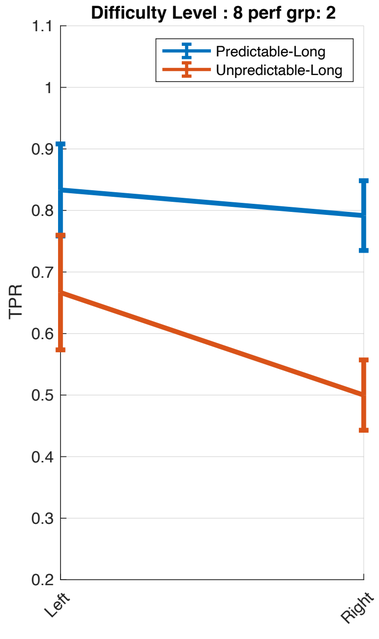
- Adding only one subject (#1) changed the results drastically => we need more subjects
- Good performers are good in both predictable and unpredictable conditions.
- Bad performers are significantly better in predictable condition.
- Performance groups are median split on TPR
- 1-11 (1 more sub in prf=2)

TPR in two performance groups-Quad



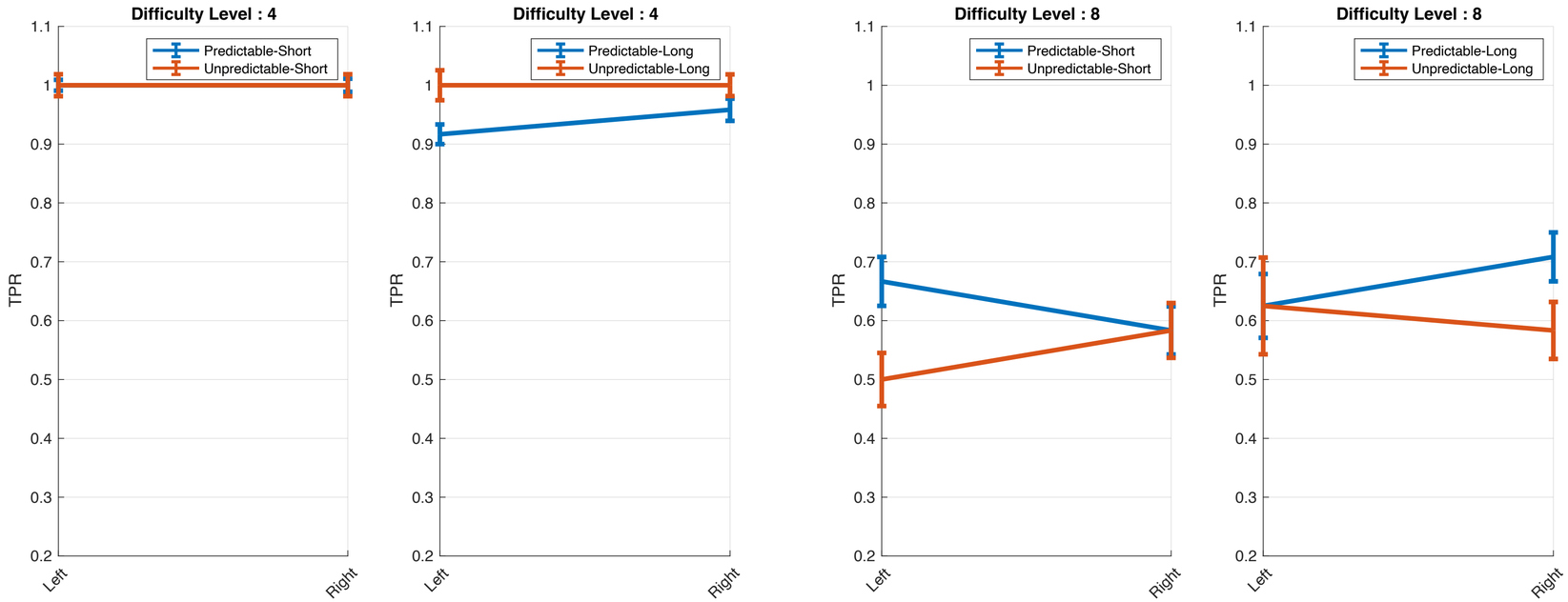






- In both performance groups the difference between predictable and unpredictable is significantly better in left but not in right.
- In bad performers long predictable condition is significantly better than unpredictable condition.
- Performance groups are median split on TPR
- 2-11

%TPR in hemifields-Quad



- %In both performance groups the difference between predictable and unpredictable is significantly better in left but not in right.
- %In bad performers long predictable condition is significantly better than unpredictable condition.
- %Performance groups are median split on TPR
- 2-11