Decoding Analysis

```
binned_file_name <-'/srv/shiny-server/research/all_NDTr/all_ShinyNDTr/ShinyNDTr/data/binned/ZD_150bins_


variable_to_decode <-'stimulus_ID'


num_cv_splits <- 5


ds <- NDTr::ds_basic(binned_file_name, variable_to_decode, num_cv_splits,
                     num_label_repeats_per_cv_split = 2)


cl <- NDTr::cl_max_correlation()


fps <- list(NDTr::fp_zscore())


cv <- NDTr::cv_standard(ds, cl, fps, NULL, 2)


DECODING_RESULTS <- NDTr::run_decoding(cv)


'Decodings results analysis ID:'
```

```
## [1] "Decodings results analysis ID:"
```

```
DECODING_RESULTS$cross_validation_paramaters$analysis_ID
```

```
## [1] "20200807_174618_28269"
```

```
NDTr::log_save_results(DECODING_RESULTS, '/srv/shiny-server/research/all_NDTr/all_ShinyNDTr/ShinyNDTr/r
```

```
## Warning in NDTr::log_save_results(DECODING_RESULTS, "/srv/shiny-server/
## research/all_NDTr/all_ShinyNDTr/ShinyNDTr/results"): The results with the
## same parameters already exist. Still going ahead and saving the results.
```

```
plot(DECODING_RESULTS$rm_main_results)
```

Zero−one loss