Add new experiment to SPLCorrui

1. Import data
2. Corrui.m
   1. Add new tags, prefixe and name

handles.Enums.experiment\_tags = { 'Fading' 'EyeMovement' 'IncrThres' 'FreeView' 'FixSim' 'Snakes' 'FadingContr'};

handles.Enums.experiment\_prefixes = {'fd' 'em' 'in' 'fv' 'fs' 'sn' 'fc'};

handles.Enums.experiment\_names = {'Fading' 'Eye movement' 'Increment Threshold' 'Free Viewing' 'FixSim' 'Snakes' 'Fading Contribution'};

* 1. Add variables to Aggregate. This variables will be automatically calculated and added to the aggregated session. You can average (two eyes per subject, LR or just one variable per subject), concatenate, add (LR or not), or copy.

handles.Enums.Snakes\_variables\_LRavg = {'corr\_on\_pr' 'corr\_on\_pr\_on' 'corr\_on\_re' …};

handles.Enums.Snakes\_variables\_avg = {'lrand\_corrre' 'lrand\_corrpr' …};

handles.Enums.Snakes\_variables\_concat = { 'info' 'trial\_props'};

handles.Enums.Snakes\_variables\_lrconcat = {'usacc\_flags' 'usacc\_starts'};

handles.Enums.FixSim\_variables\_add = { };

handles.Enums.FixSim\_variables\_lradd = {'totaltime'};

handles.Enums.FixSim\_variables\_copy = { 'enum' };

1. Create a folder under CORRUI/Experiments with the name of the experiment (better if it is exactly the tag name). Add folder to matlab path. Create several files following the example from another experiment.
   1. [experiment]\_import.m
   2. [experiment]\_process\_stage2.m
   3. [experiment]\_stage2\_options.m
   4. [experiment]\_stage2\_varlist.m
   5. [experiment]\_filter\_conditions.m
   6. [experiment]\_avg\_filter\_conditions.m
   7. [experiment]\_aggregate.m
2. Corrui\_plot.m