

```

%% motiscan_opioid_2level_gripAccu

%% parameters
% define test from dataset
taskname = 'gripAccu';

% define metrics
yname = 'effortDuration';
ftransform = @ (x) normalize(x,'zscore');
fname = @nanmean;
ylegend = 'effort duration (z-score)';

% define statistical procedure
statistic = {'opioid_contrast'};

% display options

% -- plot type
plotType = {'jitter','boxplot'};

%% analyze & display
figure;
[p,score,g] = barcomp_motiscan_opioid(data,yname,ylegend,taskname,...
                                     'fname',fname,...
                                     'ftransform',ftransform,...
                                     'sessionSplit',sessionEffect,...
                                     'order',order,...
                                     'statisticalTest',statistic,...
                                     'plotType',plotType);

```

	Estimate	SE	tStat	pValue
	-----	-----	-----	-----
naloxone	-0.22966	0.094569	-2.4285	0.01781
placebo	-0.15149	0.089447	-1.6936	0.094912
morphine	-0.078894	0.091991	-0.85764	0.39411
session	0.076822	0.037599	2.0432	0.044908

p = 0.0484  
 score = 4.0410  
 d = 1

ordering given as values  
 ordering given as values

```

plot(g.facet_axes_handles.XLim,[0 0], '--k');
set_all_properties('FontName','Arial Narrow','FontWeight','normal');

```

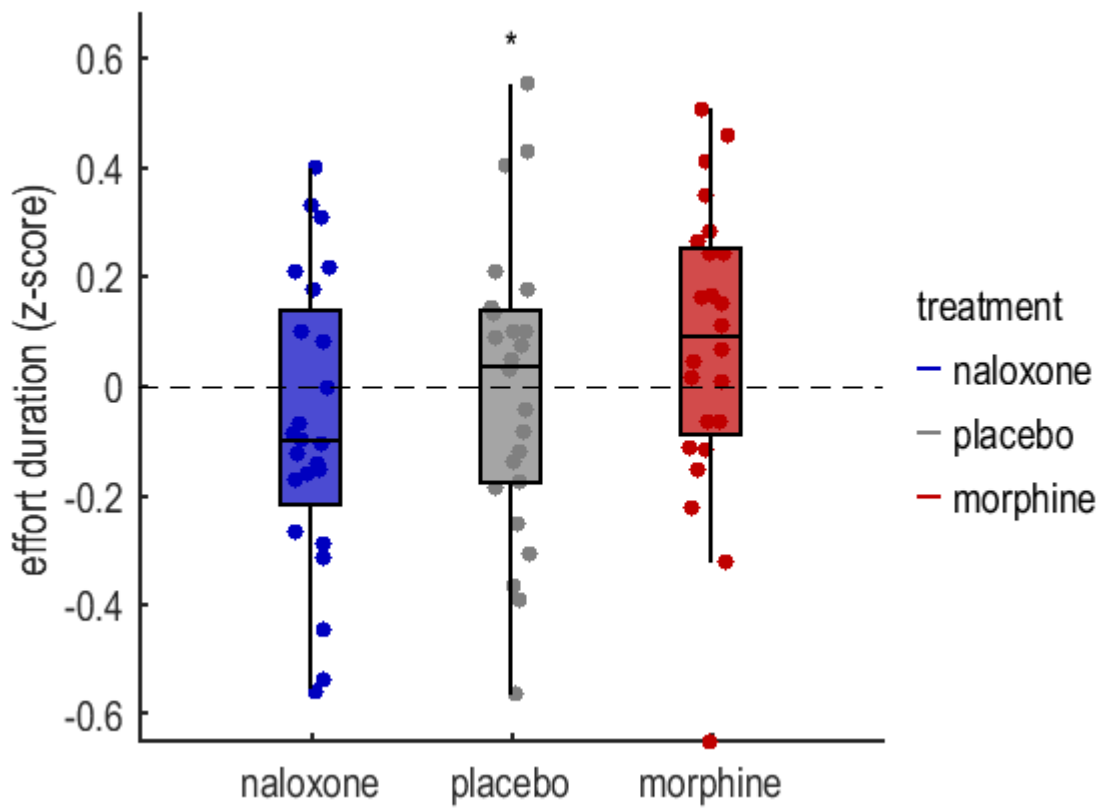


Figure 1

These figure display an awesome opioid effect.