

```

%% PREDICTORS: SPEED Factor, Kinematics, INTERACTION. RESPONSE: BRAIN ACTIVITY,
STATS TEST
REGRESS_TXT_SIZE = 8;
% REGRESS_TXT_XMULTI = 0.9;
% REGRESS_TXT_YMULTI = 1.0;
im_resize = 0.7;
AX_W = 0.35;
AX_H = 0.25*3;
SCATTER_BOTTOM = 0.175;
GROUP_SHORTS = {'YA','HO','FO'};
GROUP_MARKS = {'o','x','^'};
GROUP_LINESTYLES = {'-','-.',':'};
MEASURE_NAME_LABS = {'Mean \theta','Mean \alpha','Mean \beta'};
PLOT_PARAMS = struct('color_map',[],...
'cond_labels',unique(TMP_F000F_T.cond_char),'group_labels',unique(TMP_F000F_T.group_char),...
'cond_offsets',[-0.3,-0.1,0.1,0.3],'y_label',[],...
'title',[],'font_size',10,'ylim',[],...
'font_name','Arial','x_label','speed','do_combine_groups',true);
tmp_savedir = [save_dir filesep 'Pspeedf-Pkin-Pinter-Reeg'];
mkdir(tmp_savedir);

```

Warning: Directory already exists.

```

for cl_i = 1:length(clusters)
%##
for var_i = 1:length(varnames)
%%
atlas_name = atlas_name_store{cl_i};
fig = figure('color','white','renderer','Painters');

sgtitle(atlas_name,'FontName',PLOT_STRUCT.font_name,'FontSize',12,'FontWeight','bold',...
,'Interpreter','none');
set(fig,'Units','inches','Position',[0.5,0.5,6.5,3])
set(fig,'PaperUnits','inches','PaperSize',[1 1],'PaperPosition',[0 0 1 1])
hold on;
set(gca,AXES_DEFAULT_PROPS{:})
vert_shift = 0;
for des_i = 2
switch des_i
case 1
color_dark = COLORS_MAPS_TERRAIN;
color_light = COLORS_MAPS_TERRAIN;
GROUP_CMAP_OFFSET = [0,0.1,0.1];
xtick_label_g = {'flat','low','med','high'};
case 2
color_dark = COLOR_MAPS_SPEED;
color_light = COLOR_MAPS_SPEED+0.15;
GROUP_CMAP_OFFSET = [0.15,0,0];

```

```

        xtick_label_g = {'0.25','0.50','0.75','1.0'};
    end
horiz_shift = 0;
stats_store = [];
for meas_i = 1:length(measure_name_plot)
    measure_name = measure_name_plot{meas_i};
    %##
    cond_plot_store = [];
    % inds = psd_feature_stats.study ==
num2str(des_i) & psd_feature_stats.cluster == num2str(cl_i) &
psd_feature_stats.group==groups(group_i);
    % T_stats_plot = psd_feature_stats(inds,:);
    inds = TMP_FOOOF_T.design_id == designs(des_i) &
TMP_FOOOF_T.cluster_id == clusters(cl_i);
    T_vals_plot = TMP_FOOOF_T(inds,:);
    % T_vals_plot.cond_char = double(string(T_vals_plot.cond_char));
    loc_cond_chars = unique(T_vals_plot.cond_char);
    y_lim_calc = [min(T_vals_plot.(measure_name))-std(T_vals_plot.
(measure_name)),max(T_vals_plot.(measure_name))+std(T_vals_plot.(measure_name))];
    T_vals_plot = table(double(T_vals_plot.
(measure_name)),categorical(string(T_vals_plot.cond_char)),categorical(string(T_vals
._plot.group_char)),double(T_vals_plot.(varnames{var_i})),...
    'VariableNames',
{measure_name,'cond_char','group_char',varnames{var_i}});
    try
        mod = sprintf('%s ~ 1 + cond_char + %s +
cond_char:%s',measure_name,varnames{var_i},varnames{var_i});
        % stats_out = fitlme(T_vals_plot,mod);
        stats_out = fitlm(T_vals_plot,mod);
        % anova_out = anova(stats_out);
        out
= anova(T_vals_plot,mod,'SumOfSquaresType','three','CategoricalFactors',
{'cond_char'},...
        'ModelSpecification','linear');
        anova_out = out.stats();
        % anova_out = anovan(double(T_vals_plot.(measure_name)),
{T_vals_plot.group_char,T_vals_plot.cond_char},...
        % 'model','interaction',...
        % 'model',2,...
        % 'sstype',3,...
        % 'varnames',strvcat('group','speed'));
        R2 = stats_out.Rsquared.Adjusted;
        fprintf('\n\n CL%) Variable: %s, EEG_band:
%s',string(clusters(cl_i)),varnames{var_i},measure_name)
        disp(stats_out)
        disp(anova_out);
        % %## PRINT TABLES
        % t = sprintf_table(anova_out);

```

```

        % t.saveToFile([tmp_savedir filesep
sprintf('cl%s_%s_%s_ANOVA.txt',string(clusters(cl_i)),varnames{var_i},measure_name)]
);
        % t = sprintf_table(stats_out.Coefficients);
        % t.saveToFile([tmp_savedir filesep
sprintf('cl%s_%s_%s_LM.txt',string(clusters(cl_i)),varnames{var_i},measure_name)]);
        %
anova_p_cond =
anova_out.pValue(strcmp(anova_out.Properties.RowNames,'cond_char'));
anova_p_var =
anova_out.pValue(strcmp(anova_out.Properties.RowNames,varnames{var_i}));
anova_p_inter =
anova_out.pValue(strcmp(anova_out.Properties.RowNames,sprintf('cond_char:%s',varname
s{var_i})));
        %
pval_inter =
double(stats_out.Coefficients.pValue(strcmp(stats_out.Coefficients.Properties.RowNam
es,'(Intercept)')));
pval_0p5 =
stats_out.Coefficients.pValue(strcmp(stats_out.Coefficients.Properties.RowNames,'con
d_char_0.5'));
pval_0p75 =
stats_out.Coefficients.pValue(strcmp(stats_out.Coefficients.Properties.RowNames,'con
d_char_0.75'));
pval_1p0 =
stats_out.Coefficients.pValue(strcmp(stats_out.Coefficients.Properties.RowNames,'con
d_char_1.0'));
pval_var =
stats_out.Coefficients.pValue(strcmp(stats_out.Coefficients.Properties.RowNames,varn
ames{var_i}));
pval_0p5_var =
stats_out.Coefficients.pValue(strcmp(stats_out.Coefficients.Properties.RowNames,spr
intf('cond_char_0.5:%s',varnames{var_i})));
pval_0p75_var =
stats_out.Coefficients.pValue(strcmp(stats_out.Coefficients.Properties.RowNames,spr
intf('cond_char_0.75:%s',varnames{var_i})));
pval_1p0_var =
stats_out.Coefficients.pValue(strcmp(stats_out.Coefficients.Properties.RowNames,spr
intf('cond_char_1.0:%s',varnames{var_i})));
        %
slope_inter =
double(stats_out.Coefficients.Estimate(strcmp(stats_out.Coefficients.Properties.RowN
ames,'(Intercept)')));
slope_0p5 =
stats_out.Coefficients.Estimate(strcmp(stats_out.Coefficients.Properties.RowNames,'c
ond_char_0.5'));
slope_0p75 =
stats_out.Coefficients.Estimate(strcmp(stats_out.Coefficients.Properties.RowNames,'c
ond_char_0.75'));

```

```

        slope_1p0 =
stats_out.Coefficients.Estimate(strcmp(stats_out.Coefficients.Properties.RowNames,'c
ond_char_1.0'));
        slope_var =
stats_out.Coefficients.Estimate(strcmp(stats_out.Coefficients.Properties.RowNames,va
rnames{var_i}));
        slope_0p5_var =
double(stats_out.Coefficients.Estimate(strcmp(stats_out.Coefficients.Properties.RowN
ames,sprintf('cond_char_0.5:%s',varnames{var_i}))));
        slope_0p75_var =
double(stats_out.Coefficients.Estimate(strcmp(stats_out.Coefficients.Properties.RowN
ames,sprintf('cond_char_0.75:%s',varnames{var_i})));
        slope_1p0_var =
double(stats_out.Coefficients.Estimate(strcmp(stats_out.Coefficients.Properties.RowN
ames,sprintf('cond_char_1.0:%s',varnames{var_i})));
    catch e
        fprintf('Error. Cluster
%s\n\n%s\n',string(clusters(cl_i)),getReport(e))
        R2 = 0;
        pval = 1;
        slope = 0;
        inter = 0;
    end
%%% SCATTER
axes();
hold on;
for cond_i = 1:length(loc_cond_chars)
    inds = T_vals_plot.cond_char==loc_cond_chars(cond_i);
    data = T_vals_plot(inds,:);
    [vals,inds] = sort(data.(varnames{var_i}));
    data = data(inds,:);
    ss =
scatter(data,varnames{var_i},measure_name,'DisplayName',sprintf('%s',GROUP_SHORTS{gr
oup_i}));
    ss.CData = color_dark(cond_i,:);
    ss.SizeType = 15;
    ss.Marker = GROUP_MARKS{group_i};
    if meas_i == 1
        cond_plot_store = [cond_plot_store, ss];
    end
end
%%% LINEAR MODEL FIT
hold on;
for cond_i = 1:length(loc_cond_chars)
    switch cond_i
        case 1
            c2 = 0;
            c3 = 0;
            c4 = 0;
        case 2

```

```

        c2 = 1;
        c3 = 0;
        c4 = 0;
    case 3
        c2 = 0;
        c3 = 1;
        c4 = 0;
    case 4
        c2 = 0;
        c3 = 0;
        c4 = 1;
    end
    inds = T_vals_plot.cond_char==loc_cond_chars(cond_i);
    data = T_vals_plot(inds,:);
    [vals,inds] = sort(data.(varnames{var_i}));
    data = data(inds,:);
    if anova_p_var < 0.05 || anova_p_cond < 0.05 || anova_p_inter <
0.05
        x = unique(data.(varnames{var_i}));
        y = [];
        for i = 1:length(x)
            y(i) = x(i)*slope_var + slope_0p5*c2 +
slope_0p75*c3 + slope_1p0*c4 + slope_0p5_var*x(i)*c2 + slope_0p75_var*x(i)*c3 +
slope_1p0_var*x(i)*c4 + slope_inter ;
        end
        pp = plot(x,y, ...
'DisplayName',sprintf('p_{%s}=(%0.2f,%0.2f,%0.2f)',MEASURE_NAME_LABS{meas_i},anova_p
_var,anova_p_cond,anova_p_inter),...
'LineWidth',2);
        pp.LineStyle = GROUP_LINESTYLES{group_i};
        pp.Color = color_light(cond_i,:);
        if cond_i == 1
            % eq = sprintf('y=(%0.1g)*x+(%0.1g)*%0.2f+(%0.1g)*x+
(%0.1g)',slope_var,slope_cnd,loc_cond_chars(cond_i),slope_grp,inter_mn);
            % eq = sprintf('y=(%0.1g)*x+(%0.1g)*c_i\n%6s+
(%0.1g)',slope_var,slope_cnd,'',inter_mn);
            eq = '';
            x_txt = 0.15;
            y_txt = 0.7;
            if anova_p_var > 0.01 & anova_p_var < 0.05
                text(x_txt,y_txt,sprintf('*
%s\nR^2=%0.2g',eq,R2),...
'FontSize',REGRESS_TXT_SIZE,...
'FontName',PLOT_PARAMS.font_name,...
'FontWeight','bold','Units','normalized'));
            elseif anova_p_var <= 0.01 & anova_p_var > 0.001
                text(x_txt,y_txt,sprintf('**
%s\nR^2=%0.2g',eq,R2),...
'FontSize',REGRESS_TXT_SIZE,...

```

```

        'FontName',PLOT_PARAMS.font_name, ...
        'FontWeight','bold','Units','normalized');
    else
        text(x_txt,y_txt,sprintf('***
%s\nR^2=%0.2g',eq,R2),...
        'FontSize',REGRESS_TXT_SIZE, ...
        'FontName',PLOT_PARAMS.font_name, ...
        'FontWeight','bold','Units','normalized');
    end
    stats_store = [stats_store, pp];
end
end
if meas_i ==1
    ylabel('10*log_{10}(Flattened PSD)');
else
    ylabel('');
end
xlabel(varnames_labs{var_i});
title(MEASURE_NAME_LABS{meas_i});
set(gca,'FontWeight','bold');
ylim(y_lim_calc)
%## legend
if meas_i == 1
    %- lg2
    legend(gca,cond_plot_store);
    [lg2,icons,plots,txt] = legend('boxoff');
    tmp = get(lg2,'String');
    cnt = 1;
    for i = 1:length(cond_plot_store)
        tmp{i} =
sprintf('%0.2g',double(string(loc_cond_chars(cnt))));
        cnt = cnt + 1;
    end
    set(lg2,'String',tmp,'FontName','Arial','FontSize',9)
    set(lg2,'Orientation','horizontal')
    set(lg2,'Position',[0.1,0.84,lg2.Position(3),lg2.Position(4)]);
    lg2.ItemTokenSize(1) = 18;
elseif meas_i == 2
    %- lg1
    % legend(gca,group_plot_store);
    % [lg1,icons,plots,txt] = legend('boxoff');
    % set(lg1,'Orientation','horizontal')
    % set(lg1,'FontName','Arial','FontSize',9)
    % % set(lg1,'Position',[0.1,SCATTER_BOTTOM+AX_W*im_resize-
vert_shift,lg1.Position(3),lg1.Position(4)]);
    % set(lg1,'Position',[0.1,SCATTER_BOTTOM+AX_W*im_resize-
vert_shift+0.025,lg1.Position(3),lg1.Position(4)]);
    % lg1.ItemTokenSize(1) = 18;
elseif meas_i == 3

```

```

    %- lg3
    if ~isempty(stats_store)
        legend(gca,stats_store);
        [lg3,~,~,~] = legend('boxoff');
        set(lg3,'Orientation','horizontal')
        set(lg3,'FontName','Arial','FontSize',9)
        % set(lg1,'Position',[0.1,SCATTER_BOTTOM+AX_W*im_resize-
vert_shift,lg1.Position(3),lg1.Position(4)]);
        set(lg3,'Position',
[0.1,0.775,lg3.Position(3),lg3.Position(4)]);
        lg3.ItemTokenSize(1) = 18;
    end
end
set(gca,'Position',[horiz_shift+0.1,SCATTER_BOTTOM-
vert_shift,AX_W*im_resize,AX_H*im_resize]); %[left bottom width height]
horiz_shift = horiz_shift + AX_W*im_resize + 0.05;
end
%## TITLE
% annotation('textbox',[0.5-0.1,SCATTER_BOTTOM-
vert_shift-0.05+AX_H*im_resize,0.2,0.2],...
%
'String',string(design_chars(des_i)), 'HorizontalAlignment','center',...
%
'VerticalAlignment','middle','LineStyle','none','FontName',PLOT_PARAMS.font_name,...
%
'FontSize',14,'FontWeight','Bold','Units','normalized');
%
vert_shift = vert_shift + AX_H*im_resize+0.1;
end
hold off;
%##
% exportgraphics(fig,[tmp_savedir filesep sprintf('c1%s_%s_eeg-kin-speed-
inter.tiff',string(clusters(cl_i)),varnames{var_i})],'Resolution',300)
% close(fig)
end
end

```

CL3) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.23546	0.2156	1.0921	0.27593
cond_char_0.5	0.12371	0.32266	0.38341	0.70177
cond_char_0.75	-0.16512	0.35736	-0.46206	0.64448
cond_char_1.0	-0.15018	0.35033	-0.4287	0.66855
mean_APexc_COV	0.0061065	0.0091892	0.66453	0.50702
cond_char_0.5:mean_APexc_COV	-0.0054492	0.01465	-0.37196	0.71027
cond_char_0.75:mean_APexc_COV	0.014309	0.017343	0.82508	0.41019
cond_char_1.0:mean_APexc_COV	0.01617	0.017378	0.93051	0.35309

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.561  
 R-squared: 0.0281, Adjusted R-Squared: -0.00172  
 F-statistic vs. constant model: 0.942, p-value = 0.475

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.26542	3	0.088472	0.28118	0.83896
mean_APexc_COV	1.1867	1	1.1867	3.7717	0.053359
cond_char:mean_APexc_COV	0.64131	3	0.21377	0.67939	0.56547
Error	71.74	228	0.31465		
Total	73.815	235			

CL3) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:  
 $\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.8261	0.95751	3.9959	8.7015e-05
cond_char_0.5	0.31418	1.433	0.21925	0.82665
cond_char_0.75	0.65834	1.5871	0.41481	0.67867
cond_char_1.0	-0.29691	1.5559	-0.19083	0.84883
mean_APexc_COV	-0.027414	0.040811	-0.67174	0.50243
cond_char_0.5:mean_APexc_COV	-0.0341	0.065062	-0.52412	0.60071
cond_char_0.75:mean_APexc_COV	-0.053494	0.077024	-0.69452	0.48806
cond_char_1.0:mean_APexc_COV	0.0014888	0.077177	0.019291	0.98463

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 2.49

R-squared: 0.0179, Adjusted R-Squared: -0.0123

F-statistic vs. constant model: 0.592, p-value = 0.762

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.1248	3	0.70826	0.11412	0.95178
mean_APexc_COV	18.594	1	18.594	2.9961	0.084819
cond_char:mean_APexc_COV	4.2131	3	1.4044	0.22629	0.87805
Error	1415	228	6.2061		
Total	1440.7	235			

CL3) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

$\text{beta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.1544	0.52814	4.0793	6.2465e-05
cond_char_0.5	-0.82577	0.79039	-1.0448	0.29724
cond_char_0.75	-0.17028	0.87539	-0.19452	0.84594
cond_char_1.0	-0.083724	0.85818	-0.09756	0.92237
mean_APexc_COV	-0.018647	0.02251	-0.82838	0.40832
cond_char_0.5:mean_APexc_COV	0.036771	0.035887	1.0247	0.30661
cond_char_0.75:mean_APexc_COV	0.0032972	0.042484	0.077609	0.93821
cond_char_1.0:mean_APexc_COV	-0.0033059	0.042569	-0.077659	0.93817

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.37

R-squared: 0.00756, Adjusted R-Squared: -0.0229

F-statistic vs. constant model: 0.248, p-value = 0.972

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.3616	3	0.78722	0.41693	0.74101
mean_APexc_COV	0.69418	1	0.69418	0.36766	0.54489
cond_char:mean_APexc_COV	2.4261	3	0.80871	0.42832	0.7329
Error	430.49	228	1.8881		
Total	433.77	235			

CL3) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power

Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.4315	0.23746	1.8172	0.0705
cond_char_0.5	-0.1591	0.36689	-0.43365	0.66495
cond_char_0.75	0.33078	0.41024	0.80631	0.42091
cond_char_1.0	0.18783	0.44266	0.42432	0.67173
mean_APexc_mean	-0.94446	3.4819	-0.27125	0.78645
cond_char_0.5:mean_APexc_mean	2.9277	6.3871	0.45838	0.64712
cond_char_0.75:mean_APexc_mean	-6.325	8.4172	-0.75144	0.45316
cond_char_1.0:mean_APexc_mean	-2.569	10.362	-0.24793	0.80442

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.565

R-squared: 0.0137, Adjusted R-Squared: -0.0166

F-statistic vs. constant model: 0.451, p-value = 0.869

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.46105	3	0.15368	0.48126	0.69563
mean_APexc_mean	0.15568	1	0.15568	0.4875	0.48575
cond_char:mean_APexc_mean	0.3328	3	0.11093	0.34739	0.79107
Error	72.808	228	0.31933		
Total	73.815	235			

CL3) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.5084	1.054	3.3287	0.0010174
cond_char_0.5	-0.35097	1.6285	-0.21552	0.82955
cond_char_0.75	0.31972	1.8209	0.17558	0.86078
cond_char_1.0	-0.4635	1.9648	-0.2359	0.81372
mean_APexc_mean	-4.4324	15.455	-0.28679	0.77453
cond_char_0.5:mean_APexc_mean	-0.52782	28.35	-0.018618	0.98516
cond_char_0.75:mean_APexc_mean	-15.737	37.361	-0.42122	0.67399
cond_char_1.0:mean_APexc_mean	4.8664	45.993	0.10581	0.91583

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 2.51

R-squared: 0.00437, Adjusted R-Squared: -0.0262

F-statistic vs. constant model: 0.143, p-value = 0.995

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1182	3	0.37274	0.059246	0.98105

mean_APexc_mean	1.3911	1	1.3911	0.22111	0.63864
cond_char:mean_APexc_mean	1.3072	3	0.43573	0.069259	0.97627
Error	1434.4	228	6.2913		
Total	1440.7	235			

CL3) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.0209	0.57844	3.4937	0.00057212
cond_char_0.5	-0.48407	0.89374	-0.54163	0.5886
cond_char_0.75	-0.88629	0.99934	-0.88687	0.37608
cond_char_1.0	-0.21844	1.0783	-0.20258	0.83965
mean_APexc_mean	-4.289	8.4819	-0.50567	0.61358
cond_char_0.5:mean_APexc_mean	7.3666	15.559	0.47347	0.63633
cond_char_0.75:mean_APexc_mean	17.487	20.504	0.85286	0.39463
cond_char_1.0:mean_APexc_mean	0.87546	25.242	0.034683	0.97236

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.38

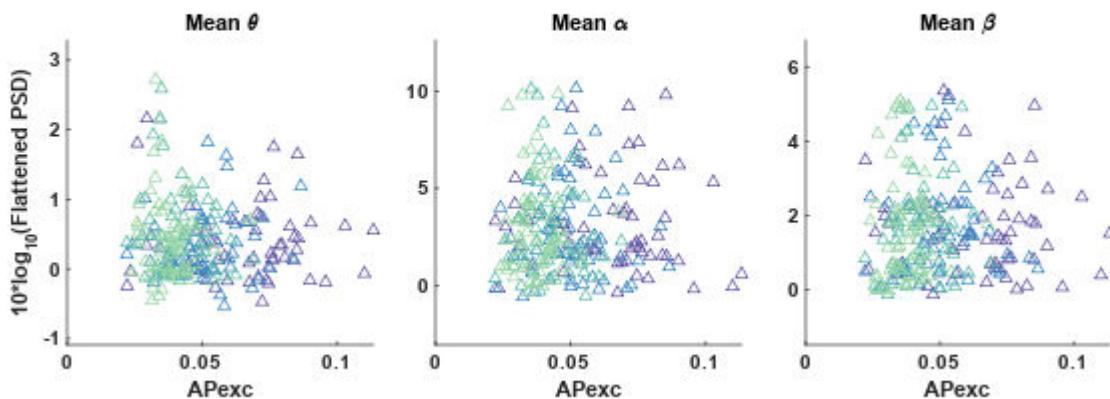
R-squared: 0.00398, Adjusted R-Squared: -0.0266

F-statistic vs. constant model: 0.13, p-value = 0.996

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.6246	3	0.54152	0.28577	0.83565
mean_APexc_mean	0.12051	1	0.12051	0.063594	0.80113
cond_char:mean_APexc_mean	1.569	3	0.523	0.276	0.84268
Error	432.04	228	1.8949		
Total	433.77	235			

### CL3: Calcarine\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL3) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power

Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.43962	0.19092	2.3027	0.022199

cond_char_0.5	-0.17679	0.29002	-0.60959	0.54274
cond_char_0.75	0.07643	0.31383	0.24354	0.8078
cond_char_1.0	-0.11093	0.33553	-0.33062	0.74123
mean_MLexc_COV	-0.0054147	0.013753	-0.39372	0.69416
cond_char_0.5:mean_MLexc_COV	0.013691	0.020745	0.65997	0.50994
cond_char_0.75:mean_MLexc_COV	0.0011726	0.02105	0.055708	0.95562
cond_char_1.0:mean_MLexc_COV	0.014582	0.020611	0.7075	0.47998

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.566

R-squared: 0.012, Adjusted R-Squared: -0.0183

F-statistic vs. constant model: 0.397, p-value = 0.904

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.22783	3	0.075942	0.23743	0.87021
mean_MLexc_COV	0.021085	1	0.021085	0.06592	0.7976
cond_char:mean_MLexc_COV	0.26303	3	0.087676	0.27411	0.84404
Error	72.927	228	0.31985		
Total	73.815	235			

CL3) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	4.4205	0.83214	5.3122	2.572e-07
cond_char_0.5	-0.0055449	1.2641	-0.0043865	0.9965
cond_char_0.75	0.40111	1.3679	0.29323	0.76961
cond_char_1.0	-1.0152	1.4625	-0.69419	0.48827
mean_MLexc_COV	-0.093651	0.059943	-1.5623	0.1196
cond_char_0.5:mean_MLexc_COV	-0.020272	0.090422	-0.2242	0.8228
cond_char_0.75:mean_MLexc_COV	-0.030413	0.091749	-0.33148	0.74059
cond_char_1.0:mean_MLexc_COV	0.073785	0.089836	0.82133	0.41232

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 2.47

R-squared: 0.0384, Adjusted R-Squared: 0.00883

F-statistic vs. constant model: 1.3, p-value = 0.252

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.959	3	1.653	0.27202	0.84554
mean_MLexc_COV	42.956	1	42.956	7.0691	0.0083983
cond_char:mean_MLexc_COV	8.8818	3	2.9606	0.48721	0.6915
Error	1385.5	228	6.0766		
Total	1440.7	235			

CL3) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.2954	0.46181	4.9705	1.3121e-06
cond_char_0.5	-0.22504	0.70153	-0.32079	0.74867
cond_char_0.75	0.054896	0.75913	0.072315	0.94241
cond_char_1.0	-0.37909	0.81161	-0.46709	0.64088
mean_MLexc_COV	-0.043145	0.033266	-1.297	0.19596

cond_char_0.5:mean_MLexc_COV	0.014545	0.050181	0.28986	0.77219
cond_char_0.75:mean_MLexc_COV	-0.00063154	0.050918	-0.012403	0.99011
cond_char_1.0:mean_MLexc_COV	0.029176	0.049856	0.5852	0.55899

Number of observations: 236, Error degrees of freedom: 228

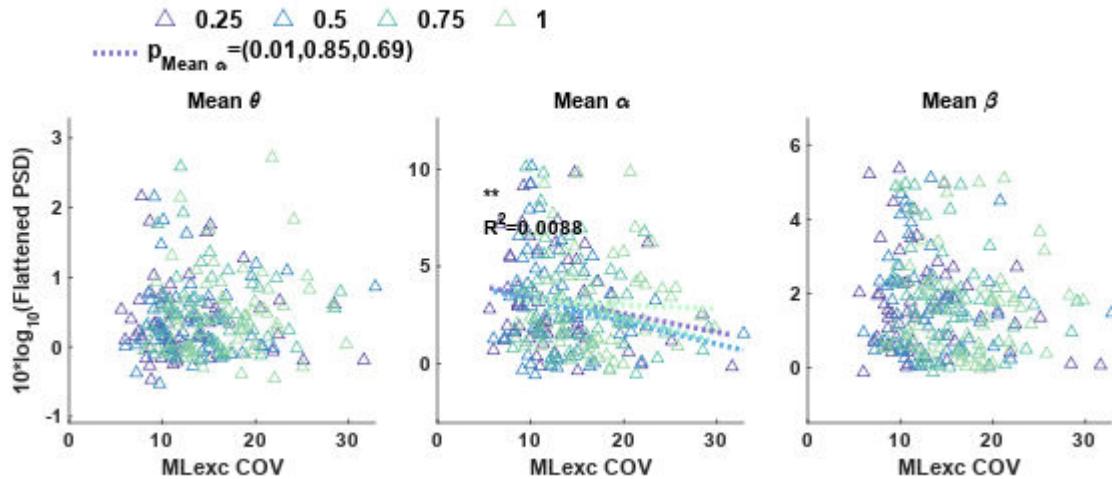
Root Mean Squared Error: 1.37

R-squared: 0.0163, Adjusted R-Squared: -0.0139

F-statistic vs. constant model: 0.539, p-value = 0.804

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.63911	3	0.21304	0.11383	0.95195
mean_MLexc_COV	5.8296	1	5.8296	3.1149	0.078919
cond_char:mean_MLexc_COV	0.83739	3	0.27913	0.14915	0.93016
Error	426.71	228	1.8715		
Total	433.77	235			

### CL3: Calcarine\_L



CL3) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power

Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.046394	0.26385	-0.17584	0.86058
cond_char_0.5	0.14699	0.38364	0.38314	0.70197
cond_char_0.75	0.17813	0.41345	0.43084	0.66699
cond_char_1.0	0.50318	0.41149	1.2228	0.22265
mean_MLexc_mean	3.5396	2.1539	1.6433	0.1017
cond_char_0.5:mean_MLexc_mean	-0.57605	3.6373	-0.15838	0.8743
cond_char_0.75:mean_MLexc_mean	1.1192	4.9863	0.22445	0.8226
cond_char_1.0:mean_MLexc_mean	-2.9775	6.0252	-0.49417	0.62166

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.561

R-squared: 0.0288, Adjusted R-Squared: -0.00106

F-statistic vs. constant model: 0.964, p-value = 0.458

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.47987	3	0.15996	0.5087	0.67666

mean_MLexc_mean	0.66373	1	0.66373	2.1108	0.14763
cond_char:mean_MLexc_mean	0.11115	3	0.037049	0.11782	0.94958
Error	71.693	228	0.31444		
Total	73.815	235			

CL3) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.6922	1.18	3.1289	0.0019832
cond_char_0.5	-0.31897	1.7157	-0.18591	0.85268
cond_char_0.75	-0.30386	1.8491	-0.16433	0.86961
cond_char_1.0	-0.11661	1.8403	-0.063364	0.94953
mean_MLexc_mean	-4.0031	9.633	-0.41556	0.67812
cond_char_0.5:mean_MLexc_mean	-1.0764	16.267	-0.066174	0.9473
cond_char_0.75:mean_MLexc_mean	-2.081	22.3	-0.09332	0.92573
cond_char_1.0:mean_MLexc_mean	-5.4195	26.946	-0.20112	0.84078

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 2.51

R-squared: 0.00471, Adjusted R-Squared: -0.0259

F-statistic vs. constant model: 0.154, p-value = 0.993

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.28464	3	0.094879	0.015086	0.99747
mean_MLexc_mean	2.9197	1	2.9197	0.46424	0.49634
cond_char:mean_MLexc_mean	0.27998	3	0.093328	0.014839	0.99753
Error	1433.9	228	6.2892		
Total	1440.7	235			

CL3) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.246	0.647	3.4715	0.00061904
cond_char_0.5	-0.26558	0.94073	-0.28232	0.77796
cond_char_0.75	-0.44183	1.0138	-0.4358	0.6634
cond_char_1.0	-0.053826	1.009	-0.053344	0.9575
mean_MLexc_mean	-4.275	5.2817	-0.8094	0.41913
cond_char_0.5:mean_MLexc_mean	1.1286	8.9191	0.12654	0.89942
cond_char_0.75:mean_MLexc_mean	2.7142	12.227	0.22198	0.82453
cond_char_1.0:mean_MLexc_mean	-5.2103	14.775	-0.35265	0.72468

Number of observations: 236, Error degrees of freedom: 228

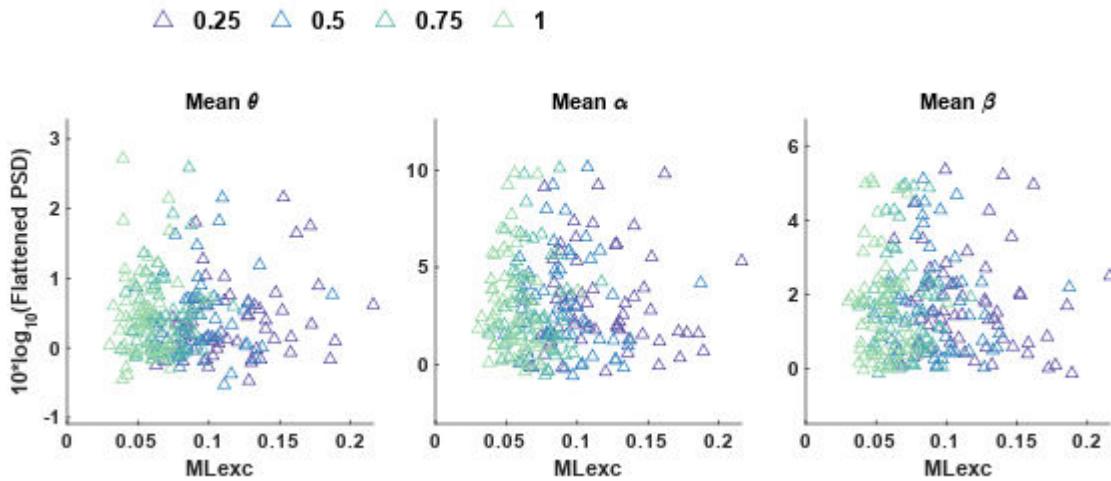
Root Mean Squared Error: 1.38

R-squared: 0.00619, Adjusted R-Squared: -0.0243

F-statistic vs. constant model: 0.203, p-value = 0.985

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.43881	3	0.14627	0.077361	0.97218
mean_MLexc_mean	1.6469	1	1.6469	0.87105	0.35165
cond_char:mean_MLexc_mean	0.42298	3	0.14099	0.07457	0.97361
Error	431.09	228	1.8907		
Total	433.77	235			

### CL3: Calcarine\_L



CL3) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.57177	0.32263	1.7722	0.077695
cond_char_0.5	-0.28344	0.5918	-0.47895	0.63244
cond_char_0.75	0.31733	0.78733	0.40304	0.6873
cond_char_1.0	-0.040161	0.91625	-0.043832	0.96508
mean_StepDur	-0.16968	0.26451	-0.64151	0.52184
cond_char_0.5:mean_StepDur	0.27353	0.66162	0.41343	0.67968
cond_char_0.75:mean_StepDur	-0.48456	1.1032	-0.43922	0.66092
cond_char_1.0:mean_StepDur	0.094178	1.4855	0.063399	0.9495

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.566

R-squared: 0.0118, Adjusted R-Squared: -0.0185

F-statistic vs. constant model: 0.39, p-value = 0.908

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.161	3	0.053666	0.16774	0.91806
mean_StepDur	0.054412	1	0.054412	0.17008	0.68043
cond_char:mean_StepDur	0.12957	3	0.043189	0.135	0.9391
Error	72.943	228	0.31992		
Total	73.815	235			

CL3) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.9714	1.4267	2.0828	0.038388
cond_char_0.5	-1.4397	2.6169	-0.55015	0.58276
cond_char_0.75	-2.5649	3.4815	-0.73671	0.46205
cond_char_1.0	-3.0492	4.0516	-0.75259	0.45247
mean_StepDur	0.21016	1.1696	0.17968	0.85756

<code>cond_char_0.5:mean_StepDur</code>	1.4903	2.9256	0.5094	0.61096
<code>cond_char_0.75:mean_StepDur</code>	3.6318	4.8784	0.74446	0.45736
<code>cond_char_1.0:mean_StepDur</code>	5.1601	6.5686	0.78556	0.43294

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 2.5

R-squared: 0.01, Adjusted R-Squared: -0.0204

F-statistic vs. constant model: 0.33, p-value = 0.94

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	6.595	3	2.1983	0.35142	0.78816
<code>mean_StepDur</code>	10.635	1	10.635	1.7001	0.19359
<code>cond_char:mean_StepDur</code>	7.9796	3	2.6599	0.4252	0.73512
<code>Error</code>	1426.3	228	6.2556		
<code>Total</code>	1440.7	235			

CL3) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7007	0.78614	2.1634	0.031552
<code>cond_char_0.5</code>	0.0037084	1.442	0.0025717	0.99795
<code>cond_char_0.75</code>	-0.7133	1.9185	-0.37181	0.71038
<code>cond_char_1.0</code>	0.67552	2.2326	0.30257	0.76249
<code>mean_StepDur</code>	0.035432	0.64451	0.054974	0.95621
<code>cond_char_0.5:mean_StepDur</code>	-0.050889	1.6121	-0.031566	0.97485
<code>cond_char_0.75:mean_StepDur</code>	1.0279	2.6882	0.38237	0.70254
<code>cond_char_1.0:mean_StepDur</code>	-1.2362	3.6196	-0.34154	0.73301

Number of observations: 236, Error degrees of freedom: 228

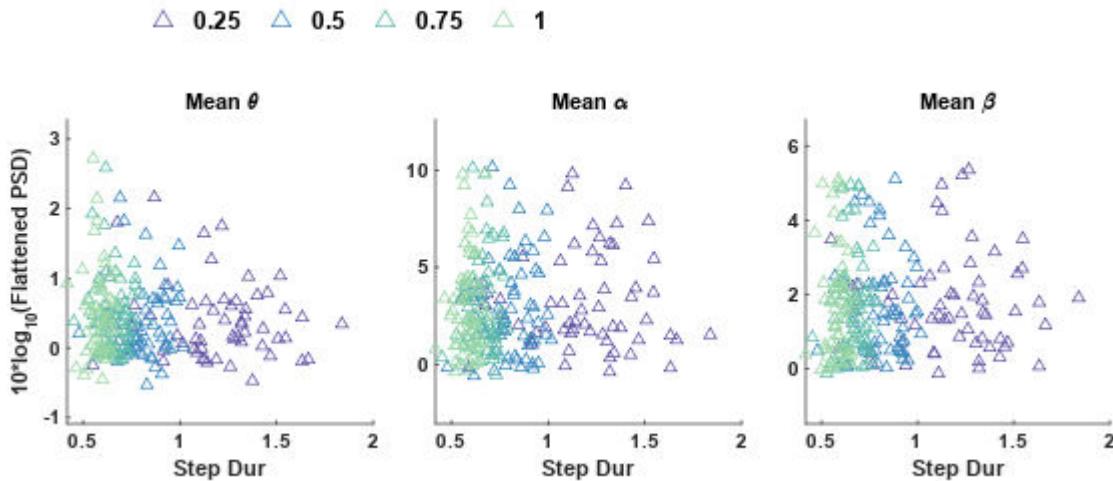
Root Mean Squared Error: 1.38

R-squared: 0.00159, Adjusted R-Squared: -0.0291

F-statistic vs. constant model: 0.0517, p-value = 1

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.5103	3	0.1701	0.089551	0.96573
<code>mean_StepDur</code>	0.0011869	1	0.0011869	0.00062485	0.98008
<code>cond_char:mean_StepDur</code>	0.52518	3	0.17506	0.092161	0.96431
<code>Error</code>	433.08	228	1.8995		
<code>Total</code>	433.77	235			

### CL3: Calcarine\_L



CL3) Variable: mean\_UDexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.4995	0.33047	1.5115	0.13206
cond_char_0.5	-0.27852	0.49774	-0.55958	0.57632
cond_char_0.75	0.26401	0.49186	0.53677	0.59195
cond_char_1.0	0.14435	0.47107	0.30644	0.75955
mean_UDexc_COV	-0.0063528	0.015838	-0.40112	0.68871
cond_char_0.5:mean_UDexc_COV	0.016862	0.029875	0.56443	0.57302
cond_char_0.75:mean_UDexc_COV	-0.023496	0.037749	-0.62243	0.53428
cond_char_1.0:mean_UDexc_COV	-0.013302	0.044112	-0.30156	0.76326

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.565

R-squared: 0.014, Adjusted R-Squared: -0.0163

F-statistic vs. constant model: 0.462, p-value = 0.861

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.38999	3	0.13	0.40723	0.74795
mean_UDexc_COV	0.1745	1	0.1745	0.54666	0.46045
cond_char:mean_UDexc_COV	0.32475	3	0.10825	0.33911	0.79707
Error	72.783	228	0.31922		
Total	73.815	235			

CL3) Variable: mean\_UDexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	5.5788	1.4398	3.8746	0.00013962
cond_char_0.5	-1.4782	2.1686	-0.68164	0.49616
cond_char_0.75	-0.47978	2.143	-0.22388	0.82305
cond_char_1.0	0.31746	2.0524	0.15468	0.87721
mean_UDexc_COV	-0.11591	0.069004	-1.6797	0.094382

<b>cond_char_0.5:mean_UDexc_COV</b>	0.033065	0.13016	0.25403	0.7997
<b>cond_char_0.75:mean_UDexc_COV</b>	-0.088643	0.16447	-0.53896	0.59044
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.24045	0.19219	-1.2511	0.21218

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 2.46

R-squared: 0.041, Adjusted R-Squared: 0.0116

F-statistic vs. constant model: 1.39, p-value = 0.209

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	4.5936	3	1.5312	0.25268	0.85938
<b>mean_UDexc_COV</b>	48.972	1	48.972	8.0815	0.0048777
<b>cond_char:mean_UDexc_COV</b>	12.312	3	4.1042	0.67728	0.56677
<b>Error</b>	1381.6	228	6.0598		
<b>Total</b>	1440.7	235			

CL3) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
<b>(Intercept)</b>	2.8779	0.8	3.5973	0.00039425
<b>cond_char_0.5</b>	-1.1399	1.2049	-0.94602	0.34514
<b>cond_char_0.75</b>	-0.64587	1.1907	-0.54244	0.58805
<b>cond_char_1.0</b>	-0.30306	1.1404	-0.26575	0.79067
<b>mean_UDexc_COV</b>	-0.055797	0.03834	-1.4553	0.14696
<b>cond_char_0.5:mean_UDexc_COV</b>	0.052599	0.072321	0.7273	0.46779
<b>cond_char_0.75:mean_UDexc_COV</b>	0.0043865	0.091382	0.048002	0.96176
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.057383	0.10679	-0.53736	0.59154

Number of observations: 236, Error degrees of freedom: 228

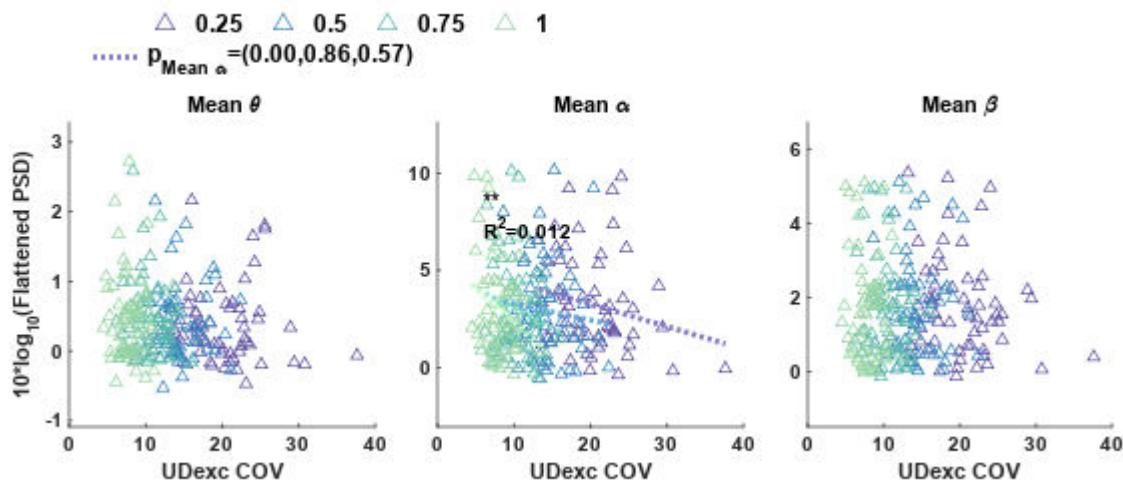
Root Mean Squared Error: 1.37

R-squared: 0.0167, Adjusted R-Squared: -0.0135

F-statistic vs. constant model: 0.554, p-value = 0.793

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	1.8317	3	0.61057	0.32638	0.80629
<b>mean_UDexc_COV</b>	4.2422	1	4.2422	2.2677	0.13348
<b>cond_char:mean_UDexc_COV</b>	1.8789	3	0.62629	0.33479	0.8002
<b>Error</b>	426.52	228	1.8707		
<b>Total</b>	433.77	235			

### CL3: Calcarine\_L



CL3) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.34806	0.25217	1.3803	0.16886
cond_char_0.5	0.11797	0.46251	0.25508	0.79889
cond_char_0.75	0.60605	0.52579	1.1527	0.25026
cond_char_1.0	0.19898	0.5356	0.3715	0.71061
mean_UDexc_mean	1.5182	16.494	0.092047	0.92674
cond_char_0.5:mean_UDexc_mean	-6.3392	25.607	-0.24755	0.8047
cond_char_0.75:mean_UDexc_mean	-20.439	23.822	-0.85802	0.39178
cond_char_1.0:mean_UDexc_mean	-3.2265	21.243	-0.15189	0.87941

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.565

R-squared: 0.0139, Adjusted R-Squared: -0.0164

F-statistic vs. constant model: 0.459, p-value = 0.863

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.43005	3	0.14335	0.44902	0.71823
mean_UDexc_mean	0.16176	1	0.16176	0.5067	0.4773
cond_char:mean_UDexc_mean	0.27823	3	0.092743	0.2905	0.83224
Error	72.79	228	0.31925		
Total	73.815	235			

CL3) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	5.1143	1.1043	4.6314	6.1045e-06
cond_char_0.5	-0.41539	2.0253	-0.20509	0.83768
cond_char_0.75	0.93014	2.3025	0.40398	0.68661
cond_char_1.0	-1.6033	2.3454	-0.68357	0.49494
mean_UDexc_mean	-129.47	72.229	-1.7925	0.074373

<code>cond_char_0.5:mean_UDexc_mean</code>	37.289	112.14	0.33254	0.73979
<code>cond_char_0.75:mean_UDexc_mean</code>	13.421	104.32	0.12866	0.89774
<code>cond_char_1.0:mean_UDexc_mean</code>	116.57	93.026	1.2531	0.21146

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 2.47

R-squared: 0.0312, Adjusted R-Squared: 0.00141

F-statistic vs. constant model: 1.05, p-value = 0.399

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.0251	3	1.675	0.2736	0.84441
<code>mean_UDexc_mean</code>	34.719	1	34.719	5.6711	0.018068
<code>cond_char:mean_UDexc_mean</code>	12.388	3	4.1294	0.67451	0.56847
<code>Error</code>	1395.8	228	6.1221		
<code>Total</code>	1440.7	235			

CL3) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_UDexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.8214	0.60591	4.6565	5.4614e-06
<code>cond_char_0.5</code>	-0.023255	1.1113	-0.020926	0.98332
<code>cond_char_0.75</code>	0.39684	1.2633	0.31412	0.75371
<code>cond_char_1.0</code>	-0.43244	1.2869	-0.33603	0.73715
<code>mean_UDexc_mean</code>	-73.759	39.631	-1.8611	0.064013
<code>cond_char_0.5:mean_UDexc_mean</code>	16.836	61.527	0.27364	0.78461
<code>cond_char_0.75:mean_UDexc_mean</code>	16.339	57.237	0.28546	0.77555
<code>cond_char_1.0:mean_UDexc_mean</code>	53.262	51.042	1.0435	0.29782

Number of observations: 236, Error degrees of freedom: 228

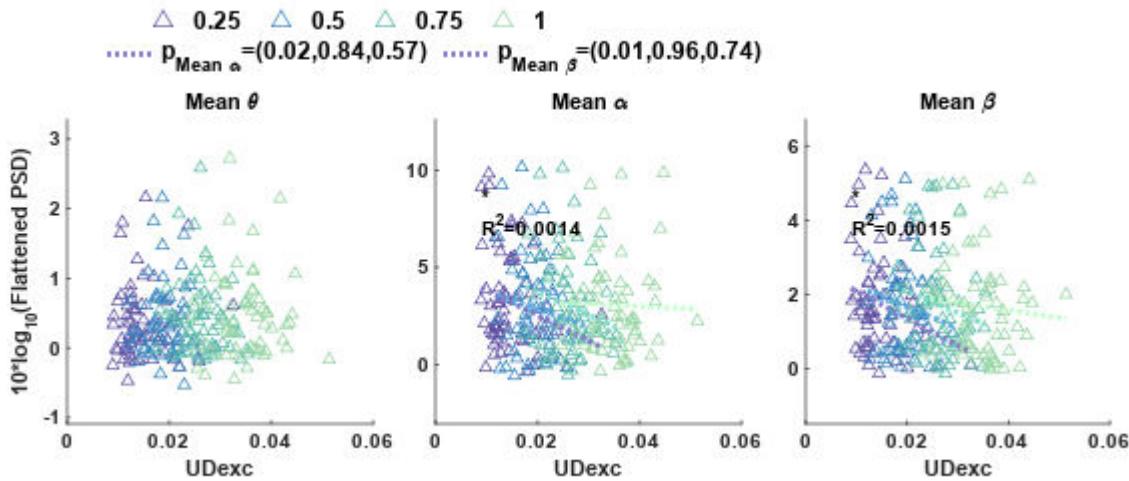
Root Mean Squared Error: 1.36

R-squared: 0.0312, Adjusted R-Squared: 0.00148

F-statistic vs. constant model: 1.05, p-value = 0.397

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.50422	3	0.16807	0.091191	0.96484
<code>mean_UDexc_mean</code>	12.289	1	12.289	6.6678	0.010443
<code>cond_char:mean_UDexc_mean</code>	2.288	3	0.76265	0.41379	0.74326
<code>Error</code>	420.23	228	1.8431		
<code>Total</code>	433.77	235			

### CL3: Calcarine\_L



CL3) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.56081	0.30899	1.815	0.07084
cond_char_0.5	-0.35894	0.58116	-0.61762	0.53744
cond_char_0.75	0.0067683	0.80098	0.00845	0.99327
cond_char_1.0	-0.16785	0.9488	-0.1769	0.85974
mean_StanceDur	-0.10891	0.17151	-0.63498	0.52607
cond_char_0.5:mean_StanceDur	0.26653	0.48155	0.55348	0.58048
cond_char_0.75:mean_StanceDur	-0.025432	0.8769	-0.029003	0.97689
cond_char_1.0:mean_StanceDur	0.23784	1.2316	0.19312	0.84704

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.566

R-squared: 0.0107, Adjusted R-Squared: -0.0197

F-statistic vs. constant model: 0.353, p-value = 0.928

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.13055	3	0.043518	0.13587	0.93855
mean_StanceDur	0.00024431	1	0.00024431	0.00076279	0.97799
cond_char:mean_StanceDur	0.10857	3	0.036191	0.113	0.95244
Error	73.024	228	0.32028		
Total	73.815	235			

CL3) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.0468	1.3669	2.2289	0.026796
cond_char_0.5	-1.3837	2.571	-0.53819	0.59097
cond_char_0.75	-2.1852	3.5435	-0.61668	0.53806
cond_char_1.0	-2.906	4.1974	-0.69232	0.48944
mean_StanceDur	0.099563	0.75876	0.13122	0.89572

<code>cond_char_0.5:mean_StanceDur</code>	1.051	2.1304	0.49333	0.62226
<code>cond_char_0.75:mean_StanceDur</code>	2.3653	3.8794	0.60972	0.54266
<code>cond_char_1.0:mean_StanceDur</code>	3.8841	5.4483	0.71289	0.47664

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 2.5

R-squared: 0.00801, Adjusted R-Squared: -0.0224

F-statistic vs. constant model: 0.263, p-value = 0.967

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.4758	3	1.8253	0.29119	0.83174
<code>mean_StanceDur</code>	7.7204	1	7.7204	1.2317	0.26825
<code>cond_char:mean_StanceDur</code>	6.4725	3	2.1575	0.34419	0.79339
<code>Error</code>	1429.2	228	6.2683		
<code>Total</code>	1440.7	235			

CL3) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StanceDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.6934	0.7518	2.2525	0.025245
<code>cond_char_0.5</code>	0.23047	1.414	0.16299	0.87067
<code>cond_char_0.75</code>	0.095993	1.9489	0.049256	0.96076
<code>cond_char_1.0</code>	1.7338	2.3085	0.75102	0.45341
<code>mean_StanceDur</code>	0.028237	0.41731	0.067665	0.94611
<code>cond_char_0.5:mean_StanceDur</code>	-0.24269	1.1717	-0.20713	0.83609
<code>cond_char_0.75:mean_StanceDur</code>	-0.13668	2.1336	-0.06406	0.94898
<code>cond_char_1.0:mean_StanceDur</code>	-2.4192	2.9965	-0.80734	0.42031

Number of observations: 236, Error degrees of freedom: 228

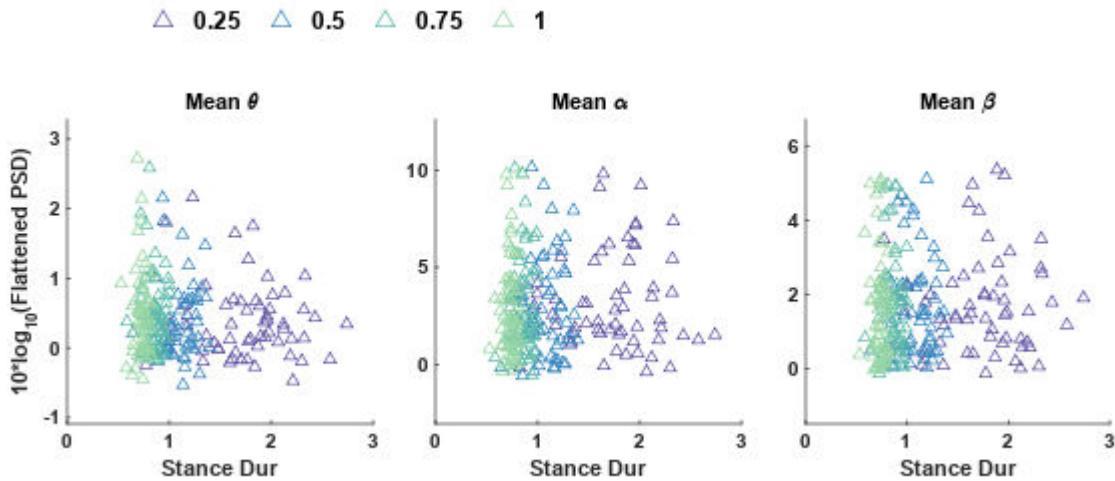
Root Mean Squared Error: 1.38

R-squared: 0.00339, Adjusted R-Squared: -0.0272

F-statistic vs. constant model: 0.111, p-value = 0.998

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.0768	3	0.35894	0.18931	0.90361
<code>mean_StanceDur</code>	0.93952	1	0.93952	0.49551	0.4822
<code>cond_char:mean_StanceDur</code>	1.2907	3	0.43023	0.22691	0.87762
<code>Error</code>	432.3	228	1.8961		
<code>Total</code>	433.77	235			

### CL3: Calcarine\_L



CL3) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.56787	0.32254	1.7606	0.079643
cond_char_0.5	-0.27721	0.59133	-0.4688	0.63966
cond_char_0.75	0.32658	0.78923	0.41379	0.67942
cond_char_1.0	-0.062709	0.9143	-0.068587	0.94538
mean_GaitCycleDur	-0.083123	0.13209	-0.62928	0.5298
cond_char_0.5:mean_GaitCycleDur	0.13359	0.33033	0.4044	0.6863
cond_char_0.75:mean_GaitCycleDur	-0.24798	0.55309	-0.44836	0.65432
cond_char_1.0:mean_GaitCycleDur	0.067999	0.74083	0.091787	0.92695

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.566

R-squared: 0.0118, Adjusted R-Squared: -0.0186

F-statistic vs. constant model: 0.388, p-value = 0.909

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.16113	3	0.05371	0.16788	0.91797
mean_GaitCycleDur	0.049443	1	0.049443	0.15454	0.6946
cond_char:mean_GaitCycleDur	0.13098	3	0.043661	0.13647	0.93818
Error	72.947	228	0.31994		
Total	73.815	235			

CL3) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.0033	1.4261	2.1059	0.036303
cond_char_0.5	-1.4778	2.6146	-0.5652	0.57249
cond_char_0.75	-2.6088	3.4896	-0.7476	0.45547
cond_char_1.0	-3.1381	4.0426	-0.77625	0.4384
mean_GaitCycleDur	0.091544	0.58405	0.15674	0.87559

<code>cond_char_0.5:mean_GaitCycleDur</code>	0.76209	1.4606	0.52178	0.60233
<code>cond_char_0.75:mean_GaitCycleDur</code>	1.8383	2.4455	0.7517	0.45301
<code>cond_char_1.0:mean_GaitCycleDur</code>	2.6417	3.2756	0.80649	0.4208

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 2.5

R-squared: 0.0101, Adjusted R-Squared: -0.0202

F-statistic vs. constant model: 0.334, p-value = 0.938

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	6.9161	3	2.3054	0.36857	0.77576
<code>mean_GaitCycleDur</code>	10.833	1	10.833	1.7319	0.18949
<code>cond_char:mean_GaitCycleDur</code>	8.2965	3	2.7655	0.44213	0.7231
<code>Error</code>	1426.1	228	6.2549		
<code>Total</code>	1440.7	235			

CL3) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7136	0.78592	2.1804	0.030251
<code>cond_char_0.5</code>	-0.01877	1.4409	-0.013027	0.98962
<code>cond_char_0.75</code>	-0.71738	1.9231	-0.37304	0.70947
<code>cond_char_1.0</code>	0.65119	2.2278	0.2923	0.77032
<code>mean_GaitCycleDur</code>	0.012279	0.32186	0.038151	0.9696
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.014079	0.80489	-0.017491	0.98606
<code>cond_char_0.75:mean_GaitCycleDur</code>	0.51273	1.3477	0.38045	0.70396
<code>cond_char_1.0:mean_GaitCycleDur</code>	-0.60277	1.8051	-0.33392	0.73875

Number of observations: 236, Error degrees of freedom: 228

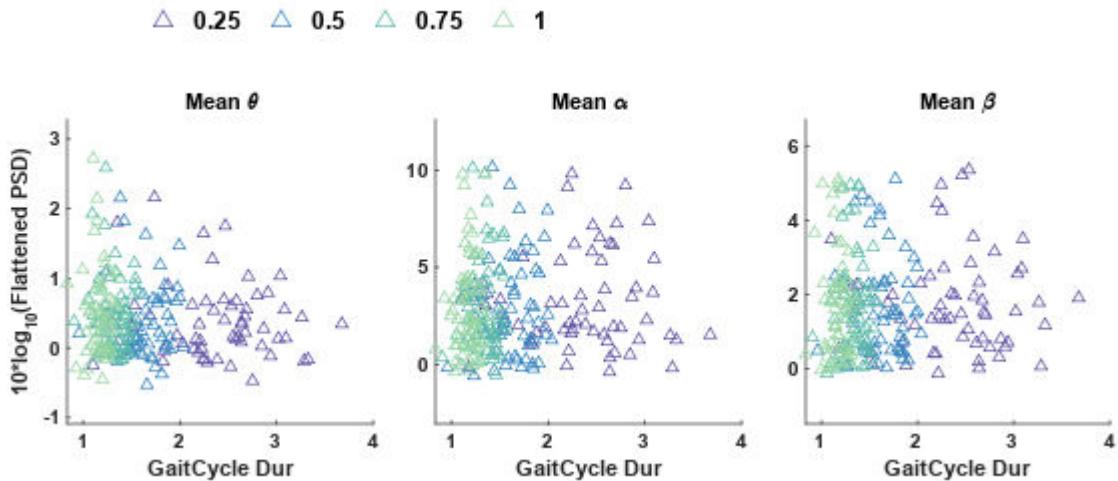
Root Mean Squared Error: 1.38

R-squared: 0.00154, Adjusted R-Squared: -0.0291

F-statistic vs. constant model: 0.0503, p-value = 1

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.49705	3	0.16568	0.087222	0.96699
<code>mean_GaitCycleDur</code>	0.0010418	1	0.0010418	0.00054846	0.98134
<code>cond_char:mean_GaitCycleDur</code>	0.51	3	0.17	0.089494	0.96577
<code>Error</code>	433.1	228	1.8996		
<code>Total</code>	433.77	235			

### CL3: Calcarine\_L



CL3) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_PeakUpDownVel\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.45409	0.30895	1.4698	0.143
cond_char_0.5	0.017799	0.54106	0.032896	0.97379
cond_char_0.75	-0.036842	0.60412	-0.060985	0.95142
cond_char_1.0	0.07012	0.62091	0.11293	0.91018
mean_PeakUpDownVel_mean	-0.74313	2.6596	-0.27941	0.78018
cond_char_0.5:mean_PeakUpDownVel_mean	0.23114	3.4855	0.066316	0.94718
cond_char_0.75:mean_PeakUpDownVel_mean	0.86824	3.219	0.26973	0.78761
cond_char_1.0:mean_PeakUpDownVel_mean	0.65026	2.9821	0.21806	0.82758

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.566

R-squared: 0.00889, Adjusted R-Squared: -0.0215

F-statistic vs. constant model: 0.292, p-value = 0.957

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.0070313	3	0.0023438	0.0073043	0.99914
mean_PeakUpDownVel_mean	0.027808	1	0.027808	0.086664	0.76873
cond_char:mean_PeakUpDownVel_mean	0.031772	3	0.010591	0.033006	0.99193
Error	73.159	228	0.32087		
Total	73.815	235			

CL3) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_PeakUpDownVel\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	5.7399	1.3322	4.3087	2.4428e-05
cond_char_0.5	1.5554	2.333	0.6667	0.50564
cond_char_0.75	1.2791	2.6049	0.49104	0.62387
cond_char_1.0	-1.2068	2.6774	-0.45074	0.6526
mean_PeakUpDownVel_mean	-22.33	11.468	-1.9471	0.052745

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-0.23757	15.029	-0.015807	0.9874
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	8.0393	13.88	0.57921	0.56302
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	18.609	12.859	1.4472	0.14921

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 2.44

R-squared: 0.0559, Adjusted R-Squared: 0.0269

F-statistic vs. constant model: 1.93, p-value = 0.0663

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	6.4797	3	2.1599	0.36204	0.78048
<code>mean_PeakUpDownVel_mean</code>	73.594	1	73.594	12.336	0.00053566
<code>cond_char:mean_PeakUpDownVel_mean</code>	24.477	3	8.1589	1.3676	0.25346
<code>Error</code>	1360.2	228	5.966		
<code>Total</code>	1440.7	235			

CL3) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.008	0.73744	4.0789	6.2563e-05
<code>cond_char_0.5</code>	0.70851	1.2915	0.54862	0.58381
<code>cond_char_0.75</code>	0.54251	1.442	0.37622	0.7071
<code>cond_char_1.0</code>	-1.0795	1.4821	-0.72841	0.46711
<code>mean_PeakUpDownVel_mean</code>	-11.215	6.3483	-1.7667	0.078622
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	0.80277	8.3195	0.096493	0.92321
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	4.6739	7.6833	0.60831	0.54359
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	10.573	7.1179	1.4854	0.13882

Number of observations: 236, Error degrees of freedom: 228

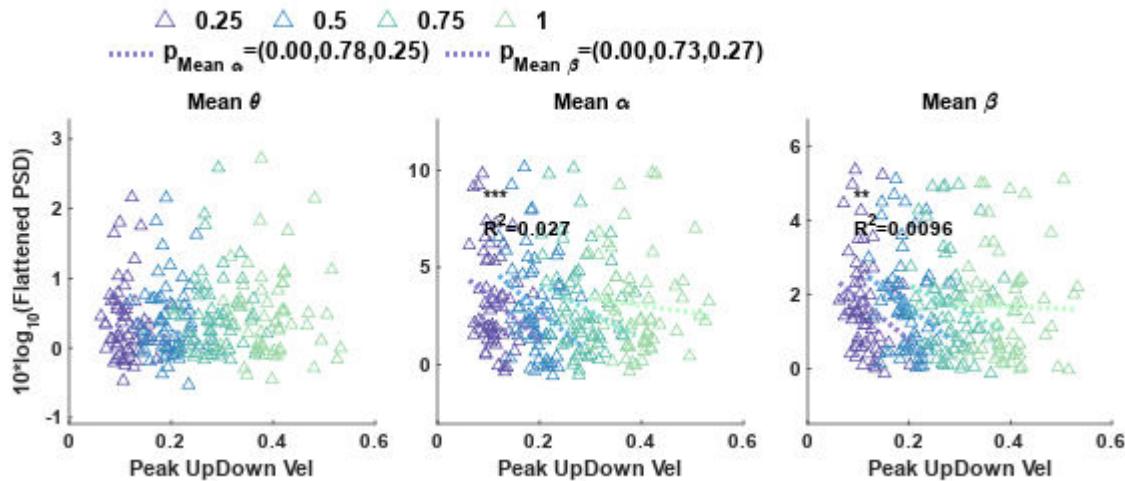
Root Mean Squared Error: 1.35

R-squared: 0.0391, Adjusted R-Squared: 0.0096

F-statistic vs. constant model: 1.33, p-value = 0.239

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.4059	3	0.80195	0.43868	0.72555
<code>mean_PeakUpDownVel_mean</code>	15.436	1	15.436	8.4436	0.0040242
<code>cond_char:mean_PeakUpDownVel_mean</code>	7.1859	3	2.3953	1.3103	0.27182
<code>Error</code>	416.81	228	1.8281		
<code>Total</code>	433.77	235			

### CL3: Calcarine\_L



CL4) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.50929	0.43836	1.1618	0.2482
cond_char_0.5	-0.94585	0.67256	-1.4063	0.16285
cond_char_0.75	-0.80009	0.6872	-1.1643	0.24719
cond_char_1.0	-0.6359	0.60759	-1.0466	0.29791
mean_APexc_COV	-0.0087922	0.01924	-0.45697	0.64872
cond_char_0.5:mean_APexc_COV	0.046839	0.030926	1.5145	0.13318
cond_char_0.75:mean_APexc_COV	0.051402	0.033134	1.5513	0.12411
cond_char_1.0:mean_APexc_COV	0.042508	0.028166	1.5092	0.13452

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.698

R-squared: 0.0932, Adjusted R-Squared: 0.0271

F-statistic vs. constant model: 1.41, p-value = 0.21

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1905	3	0.39683	0.81379	0.48931
mean_APexc_COV	2.5795	1	2.5795	5.29	0.023614
cond_char:mean_APexc_COV	1.906	3	0.63533	1.3029	0.27801
Error	46.812	96	0.48763		
Total	51.626	103			

CL4) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.8955	1.1479	1.6512	0.10196
cond_char_0.5	-1.9827	1.7612	-1.1257	0.26309
cond_char_0.75	-0.88627	1.7996	-0.49249	0.6235
cond_char_1.0	-1.1116	1.5911	-0.69863	0.48647
mean_APexc_COV	-0.015984	0.050384	-0.31724	0.75175

<code>cond_char_0.5:mean_APexc_COV</code>	0.088658	0.080987	1.0947	0.27638
<code>cond_char_0.75:mean_APexc_COV</code>	0.037103	0.086768	0.42761	0.66989
<code>cond_char_1.0:mean_APexc_COV</code>	0.049897	0.073757	0.67651	0.50035

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 1.83

R-squared: 0.0206, Adjusted R-Squared: -0.0508

F-statistic vs. constant model: 0.289, p-value = 0.957

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.3656	3	1.4552	0.43517	0.72832
<code>mean_APexc_COV</code>	2.8884	1	2.8884	0.86377	0.35502
<code>cond_char:mean_APexc_COV</code>	4.1935	3	1.3978	0.41802	0.74047
<code>Error</code>	321.02	96	3.344		
<code>Total</code>	327.78	103			

CL4) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_APexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.2272	0.56111	2.1872	0.03116
<code>cond_char_0.5</code>	-0.23439	0.86089	-0.27226	0.786
<code>cond_char_0.75</code>	-0.04291	0.87962	-0.048782	0.96119
<code>cond_char_1.0</code>	-0.5429	0.77772	-0.69807	0.48682
<code>mean_APexc_COV</code>	-0.025616	0.024628	-1.0401	0.30089
<code>cond_char_0.5:mean_APexc_COV</code>	0.011058	0.039586	0.27934	0.78058
<code>cond_char_0.75:mean_APexc_COV</code>	-0.0041874	0.042412	-0.098731	0.92156
<code>cond_char_1.0:mean_APexc_COV</code>	0.022837	0.036052	0.63343	0.52796

Number of observations: 104, Error degrees of freedom: 96

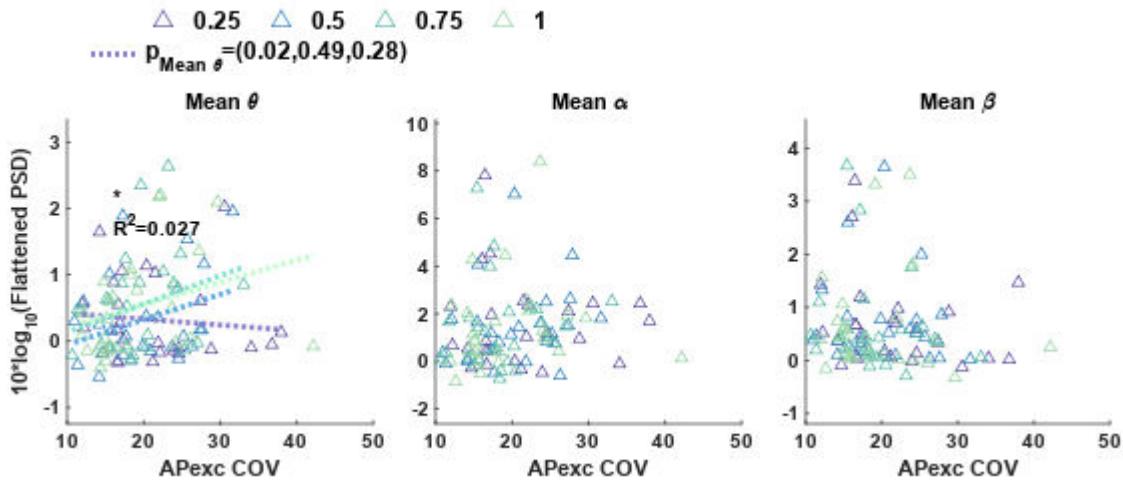
Root Mean Squared Error: 0.894

R-squared: 0.0223, Adjusted R-Squared: -0.049

F-statistic vs. constant model: 0.313, p-value = 0.947

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.46478	3	0.15493	0.19391	0.90032
<code>mean_APexc_COV</code>	1.225	1	1.225	1.5332	0.21865
<code>cond_char:mean_APexc_COV</code>	0.44509	3	0.14836	0.1857	0.9059
<code>Error</code>	76.699	96	0.79895		
<code>Total</code>	78.447	103			

## CL4: Calcarine\_L



CL4) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.9037	0.40311	2.2419	0.027273
cond_char_0.5	0.33276	0.61576	0.54041	0.59017
cond_char_0.75	1.1622	0.69225	1.6789	0.096427
cond_char_1.0	2.0996	0.81528	2.5753	0.011542
mean_APexc_mean	-9.9626	6.525	-1.5268	0.13009
cond_char_0.5:mean_APexc_mean	-7.6834	10.937	-0.70252	0.48405
cond_char_0.75:mean_APexc_mean	-26.872	14.583	-1.8427	0.068455
cond_char_1.0:mean_APexc_mean	-57.09	19.968	-2.8591	0.0052119

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.642

R-squared: 0.234, Adjusted R-Squared: 0.178

F-statistic vs. constant model: 4.19, p-value = 0.000452

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.3026	3	1.1009	2.6731	0.051668
mean_APexc_mean	11.026	1	11.026	26.773	1.2526e-06
cond_char:mean_APexc_mean	4.2392	3	1.4131	3.4312	0.020081
Error	39.536	96	0.41183		
Total	51.626	103			

CL4) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.4601	1.1177	3.0957	0.0025738
cond_char_0.5	-0.60081	1.7074	-0.35188	0.7257
cond_char_0.75	0.46045	1.9195	0.23988	0.81093
cond_char_1.0	-1.7181	2.2606	-0.76001	0.44911
mean_APexc_mean	-32.553	18.093	-1.7992	0.075122

<code>cond_char_0.5:mean_APexc_mean</code>	3.728	30.326	0.12293	0.90242
<code>cond_char_0.75:mean_APexc_mean</code>	-27.151	40.436	-0.67147	0.50353
<code>cond_char_1.0:mean_APexc_mean</code>	24.374	55.368	0.44022	0.66077

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 1.78

R-squared: 0.0726, Adjusted R-Squared: 0.005

F-statistic vs. constant model: 1.07, p-value = 0.386

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.8012	3	0.93373	0.29489	0.829
<code>mean_APexc_mean</code>	10.654	1	10.654	3.3648	0.0697
<code>cond_char:mean_APexc_mean</code>	2.5296	3	0.84319	0.26629	0.84954
<code>Error</code>	303.98	96	3.1664		
<code>Total</code>	327.78	103			

CL4) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_APexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.92926	0.56075	1.6572	0.10075
<code>cond_char_0.5</code>	0.29321	0.85658	0.3423	0.73287
<code>cond_char_0.75</code>	0.58115	0.96298	0.60349	0.54761
<code>cond_char_1.0</code>	-0.27	1.1341	-0.23807	0.81233
<code>mean_APexc_mean</code>	-4.3693	9.0768	-0.48137	0.63135
<code>cond_char_0.5:mean_APexc_mean</code>	-5.9141	15.214	-0.38872	0.69834
<code>cond_char_0.75:mean_APexc_mean</code>	-16.812	20.286	-0.82874	0.40931
<code>cond_char_1.0:mean_APexc_mean</code>	3.5936	27.777	0.12937	0.89734

Number of observations: 104, Error degrees of freedom: 96

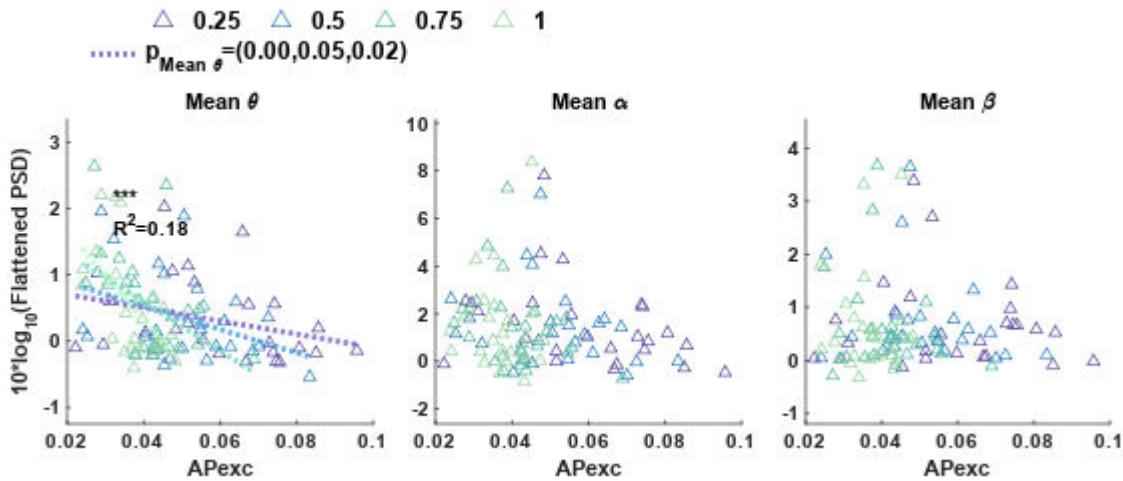
Root Mean Squared Error: 0.893

R-squared: 0.0247, Adjusted R-Squared: -0.0464

F-statistic vs. constant model: 0.348, p-value = 0.93

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.4806	3	0.1602	0.20102	0.89545
<code>mean_APexc_mean</code>	0.85464	1	0.85464	1.0724	0.30301
<code>cond_char:mean_APexc_mean</code>	0.6364	3	0.21213	0.26618	0.84962
<code>Error</code>	76.507	96	0.79695		
<code>Total</code>	78.447	103			

## CL4: Calcarine\_L



CL4) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.79882	0.36028	2.2172	0.028969
cond_char_0.5	-0.66642	0.55815	-1.194	0.23543
cond_char_0.75	-0.29981	0.63437	-0.47261	0.63757
cond_char_1.0	-0.18009	0.67647	-0.26622	0.79064
mean_MLexc_COV	-0.039305	0.027168	-1.4467	0.15123
cond_char_0.5:mean_MLexc_COV	0.053554	0.039179	1.3669	0.17485
cond_char_0.75:mean_MLexc_COV	0.040423	0.04188	0.96522	0.33686
cond_char_1.0:mean_MLexc_COV	0.034204	0.040726	0.83985	0.40308

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.717

R-squared: 0.0427, Adjusted R-Squared: -0.0271

F-statistic vs. constant model: 0.612, p-value = 0.745

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.74856	3	0.24952	0.48469	0.69371
mean_MLexc_COV	0.12505	1	0.12505	0.24291	0.62324
cond_char:mean_MLexc_COV	1.0495	3	0.34984	0.67955	0.56666
Error	49.421	96	0.5148		
Total	51.626	103			

CL4) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.0161	0.90035	3.3499	0.0011565
cond_char_0.5	-0.67373	1.3948	-0.48303	0.63018
cond_char_0.75	0.040003	1.5853	0.025234	0.97992
cond_char_1.0	-1.1818	1.6905	-0.69906	0.48621
mean_MLexc_COV	-0.12013	0.067893	-1.7694	0.080009

<code>cond_char_0.5:mean_MLexc_COV</code>	0.05315	0.097908	0.54286	0.58848
<code>cond_char_0.75:mean_MLexc_COV</code>	0.01575	0.10466	0.15049	0.88069
<code>cond_char_1.0:mean_MLexc_COV</code>	0.098559	0.10177	0.96842	0.33527

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 1.79

R-squared: 0.0584, Adjusted R-Squared: -0.0102

F-statistic vs. constant model: 0.851, p-value = 0.548

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.1554	3	0.71848	0.22348	0.87987
<code>mean_MLexc_COV</code>	14.534	1	14.534	4.5207	0.036052
<code>cond_char:mean_MLexc_COV</code>	3.4431	3	1.1477	0.35699	0.78419
<code>Error</code>	308.63	96	3.2149		
<code>Total</code>	327.78	103			

CL4) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.2786	0.43641	2.9297	0.0042384
<code>cond_char_0.5</code>	0.24579	0.67607	0.36355	0.71699
<code>cond_char_0.75</code>	0.26498	0.76839	0.34484	0.73097
<code>cond_char_1.0</code>	-0.29869	0.8194	-0.36452	0.71627
<code>mean_MLexc_COV</code>	-0.049618	0.032908	-1.5078	0.1349
<code>cond_char_0.5:mean_MLexc_COV</code>	-0.0083915	0.047457	-0.17682	0.86002
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.0089518	0.050729	-0.17647	0.8603
<code>cond_char_1.0:mean_MLexc_COV</code>	0.030524	0.04933	0.61877	0.53753

Number of observations: 104, Error degrees of freedom: 96

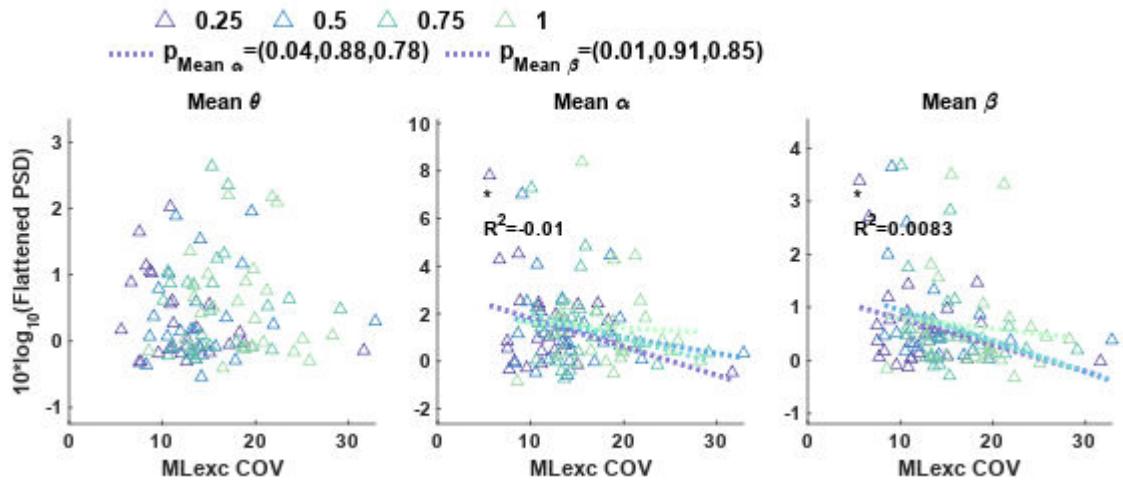
Root Mean Squared Error: 0.869

R-squared: 0.0757, Adjusted R-Squared: 0.00828

F-statistic vs. constant model: 1.12, p-value = 0.355

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.39222	3	0.13074	0.17309	0.91435
<code>mean_MLexc_COV</code>	5.0917	1	5.0917	6.7411	0.010902
<code>cond_char:mean_MLexc_COV</code>	0.5862	3	0.1954	0.2587	0.85497
<code>Error</code>	72.511	96	0.75532		
<code>Total</code>	78.447	103			

### CL4: Calcarine\_L



CL4) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.71978	0.48929	-1.4711	0.14454
cond_char_0.5	0.57307	0.79918	0.71708	0.47507
cond_char_0.75	1.645	0.84634	1.9437	0.054863
cond_char_1.0	1.0791	0.85725	1.2588	0.21115
mean_MLexc_mean	9.0833	4.1042	2.2132	0.029254
cond_char_0.5:mean_MLexc_mean	-3.553	8.176	-0.43456	0.66486
cond_char_0.75:mean_MLexc_mean	-15.307	11.093	-1.3798	0.17085
cond_char_1.0:mean_MLexc_mean	-5.9139	13.795	-0.4287	0.66911

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.705

R-squared: 0.0761, Adjusted R-Squared: 0.00873

F-statistic vs. constant model: 1.13, p-value = 0.351

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.1002	3	0.70008	1.409	0.24489
mean_MLexc_mean	0.19161	1	0.19161	0.38564	0.53607
cond_char:mean_MLexc_mean	0.99509	3	0.3317	0.6676	0.57397
Error	47.697	96	0.49685		
Total	51.626	103			

CL4) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.22688	1.2588	0.18024	0.85734
cond_char_0.5	-0.5	2.056	-0.24319	0.80838
cond_char_0.75	-0.59105	2.1773	-0.27146	0.78662
cond_char_1.0	0.37478	2.2054	0.16994	0.86541
mean_MLexc_mean	11.566	10.558	1.0954	0.27606

<code>cond_char_0.5:mean_MLexc_mean</code>	7.48	21.034	0.35562	0.72291
<code>cond_char_0.75:mean_MLexc_mean</code>	15.45	28.538	0.54139	0.58949
<code>cond_char_1.0:mean_MLexc_mean</code>	4.4275	35.489	0.12476	0.90098

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 1.81

R-squared: 0.0369, Adjusted R-Squared: -0.0333

F-statistic vs. constant model: 0.526, p-value = 0.813

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.67734	3	0.22578	0.068661	0.97648
<code>mean_MLexc_mean</code>	7.7718	1	7.7718	2.3635	0.1275
<code>cond_char:mean_MLexc_mean</code>	1.1887	3	0.39623	0.1205	0.94784
<code>Error</code>	315.68	96	3.2883		
<code>Total</code>	327.78	103			

CL4) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.5251	0.61866	0.84876	0.39812
<code>cond_char_0.5</code>	-0.72729	1.0105	-0.71973	0.47344
<code>cond_char_0.75</code>	-0.83936	1.0701	-0.78436	0.43476
<code>cond_char_1.0</code>	-0.076717	1.0839	-0.070777	0.94372
<code>mean_MLexc_mean</code>	1.2917	5.1894	0.24892	0.80396
<code>cond_char_0.5:mean_MLexc_mean</code>	9.0255	10.338	0.87305	0.38481
<code>cond_char_0.75:mean_MLexc_mean</code>	12.932	14.026	0.922	0.35884
<code>cond_char_1.0:mean_MLexc_mean</code>	2.1853	17.443	0.12528	0.90056

Number of observations: 104, Error degrees of freedom: 96

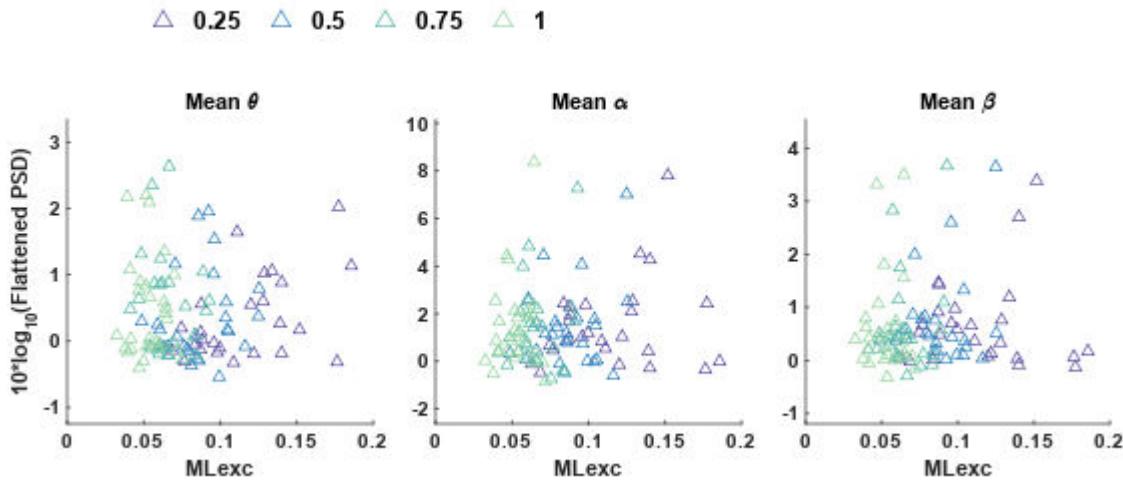
Root Mean Squared Error: 0.891

R-squared: 0.0279, Adjusted R-Squared: -0.0429

F-statistic vs. constant model: 0.394, p-value = 0.904

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.75567	3	0.25189	0.31711	0.81297
<code>mean_MLexc_mean</code>	1.2318	1	1.2318	1.5507	0.21607
<code>cond_char:mean_MLexc_mean</code>	1.0845	3	0.36149	0.45509	0.71431
<code>Error</code>	76.256	96	0.79433		
<code>Total</code>	78.447	103			

### CL4: Calcarine\_L



CL4) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.73903	0.55663	1.3277	0.18743
cond_char_0.5	1.0287	1.0875	0.946	0.34652
cond_char_0.75	3.2627	1.471	2.218	0.028911
cond_char_1.0	3.8648	1.7239	2.2419	0.02727
mean_StepDur	-0.36133	0.46519	-0.77674	0.43922
cond_char_0.5:mean_StepDur	-1.3991	1.2283	-1.1391	0.25749
cond_char_0.75:mean_StepDur	-4.8688	2.0863	-2.3337	0.021698
cond_char_1.0:mean_StepDur	-6.6431	2.8314	-2.3462	0.02102

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.673

R-squared: 0.158, Adjusted R-Squared: 0.0971

F-statistic vs. constant model: 2.58, p-value = 0.0175

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.0372	3	1.3457	2.9735	0.035525
mean_StepDur	6.9376	1	6.9376	15.329	0.00016891
cond_char:mean_StepDur	5.0797	3	1.6932	3.7414	0.013654
Error	43.447	96	0.45257		
Total	51.626	103			

CL4) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.9154	1.4989	1.945	0.0547
cond_char_0.5	1.6657	2.9283	0.56881	0.57081
cond_char_0.75	2.3916	3.9611	0.60378	0.54742
cond_char_1.0	-0.14452	4.6421	-0.031132	0.97523
mean_StepDur	-1.1749	1.2527	-0.93793	0.35064

<code>cond_char_0.5:mean_StepDur</code>	-2.7504	3.3075	-0.83154	0.40773
<code>cond_char_0.75:mean_StepDur</code>	-4.6743	5.618	-0.83201	0.40747
<code>cond_char_1.0:mean_StepDur</code>	-1.1112	7.6244	-0.14574	0.88443

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 1.81

R-squared: 0.0388, Adjusted R-Squared: -0.0312

F-statistic vs. constant model: 0.554, p-value = 0.791

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.9925	3	0.66417	0.20238	0.89451
<code>mean_StepDur</code>	5.8965	1	5.8965	1.7968	0.18327
<code>cond_char:mean_StepDur</code>	4.2035	3	1.4012	0.42696	0.73413
<code>Error</code>	315.05	96	3.2817		
<code>Total</code>	327.78	103			

CL4) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.53592	0.7455	0.71887	0.47397
<code>cond_char_0.5</code>	0.71577	1.4564	0.49146	0.62422
<code>cond_char_0.75</code>	1.0072	1.9701	0.51125	0.61035
<code>cond_char_1.0</code>	-0.15773	2.3088	-0.068317	0.94568
<code>mean_StepDur</code>	0.11777	0.62302	0.18903	0.85047
<code>cond_char_0.5:mean_StepDur</code>	-0.79904	1.645	-0.48573	0.62826
<code>cond_char_0.75:mean_StepDur</code>	-1.5038	2.7942	-0.5382	0.59169
<code>cond_char_1.0:mean_StepDur</code>	0.31572	3.792	0.083259	0.93382

Number of observations: 104, Error degrees of freedom: 96

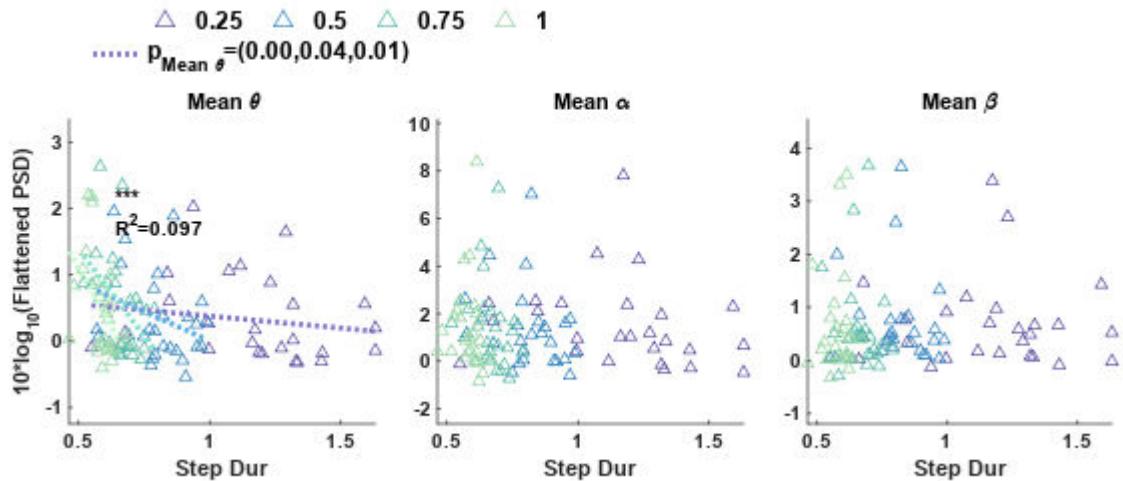
Root Mean Squared Error: 0.901

R-squared: 0.00658, Adjusted R-Squared: -0.0659

F-statistic vs. constant model: 0.0908, p-value = 0.999

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.372	3	0.124	0.15275	0.92769
<code>mean_StepDur</code>	0.077367	1	0.077367	0.095305	0.75821
<code>cond_char:mean_StepDur</code>	0.40725	3	0.13575	0.16722	0.91824
<code>Error</code>	77.931	96	0.81179		
<code>Total</code>	78.447	103			

## CL4: Calcarine\_L



CL4) Variable: mean\_UDexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.59634	0.65097	0.91609	0.36191
cond_char_0.5	-0.35717	0.99231	-0.35994	0.71969
cond_char_0.75	0.13037	0.91912	0.14184	0.8875
cond_char_1.0	0.065004	0.96302	0.0675	0.94632
mean_UDexc_COV	-0.013196	0.030224	-0.4366	0.66338
cond_char_0.5:mean_UDexc_COV	0.019492	0.056769	0.34336	0.73208
cond_char_0.75:mean_UDexc_COV	-0.0057716	0.064666	-0.089253	0.92907
cond_char_1.0:mean_UDexc_COV	-0.0030557	0.088453	-0.034546	0.97251

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.725

R-squared: 0.0226, Adjusted R-Squared: -0.0486

F-statistic vs. constant model: 0.317, p-value = 0.944

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.14274	3	0.04758	0.090525	0.9651
mean_UDexc_COV	0.069573	1	0.069573	0.13237	0.71679
cond_char:mean_UDexc_COV	0.082224	3	0.027408	0.052146	0.9842
Error	50.458	96	0.5256		
Total	51.626	103			

CL4) Variable: mean\_UDexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.3362	1.6424	2.0313	0.044989
cond_char_0.5	-1.5192	2.5036	-0.60682	0.5454
cond_char_0.75	-2.4715	2.3189	-1.0658	0.2892
cond_char_1.0	-0.73858	2.4297	-0.30398	0.7618
mean_UDexc_COV	-0.085002	0.076254	-1.1147	0.26775

<b>cond_char_0.5:mean_UDexc_COV</b>	0.056946	0.14323	0.39759	0.69182
<b>cond_char_0.75:mean_UDexc_COV</b>	0.13419	0.16315	0.82251	0.41283
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.053424	0.22317	-0.23939	0.81131

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 1.83

R-squared: 0.0201, Adjusted R-Squared: -0.0514

F-statistic vs. constant model: 0.281, p-value = 0.96

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	4.1205	3	1.3735	0.41052	0.74581
<b>mean_UDexc_COV</b>	1.605	1	1.605	0.4797	0.49023
<b>cond_char:mean_UDexc_COV</b>	2.9579	3	0.98598	0.2947	0.82914
<b>Error</b>	321.19	96	3.3458		
<b>Total</b>	327.78	103			

CL4) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.9275	0.79474	2.4254	0.017162
<b>cond_char_0.5</b>	-0.37833	1.2115	-0.31229	0.7555
<b>cond_char_0.75</b>	-1.261	1.1221	-1.1238	0.26392
<b>cond_char_1.0</b>	-0.70714	1.1757	-0.60146	0.54895
<b>mean_UDexc_COV</b>	-0.059696	0.036899	-1.6178	0.10898
<b>cond_char_0.5:mean_UDexc_COV</b>	0.0040318	0.069307	0.058173	0.95373
<b>cond_char_0.75:mean_UDexc_COV</b>	0.055452	0.078948	0.70238	0.48414
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.01082	0.10799	-0.1002	0.9204

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.885

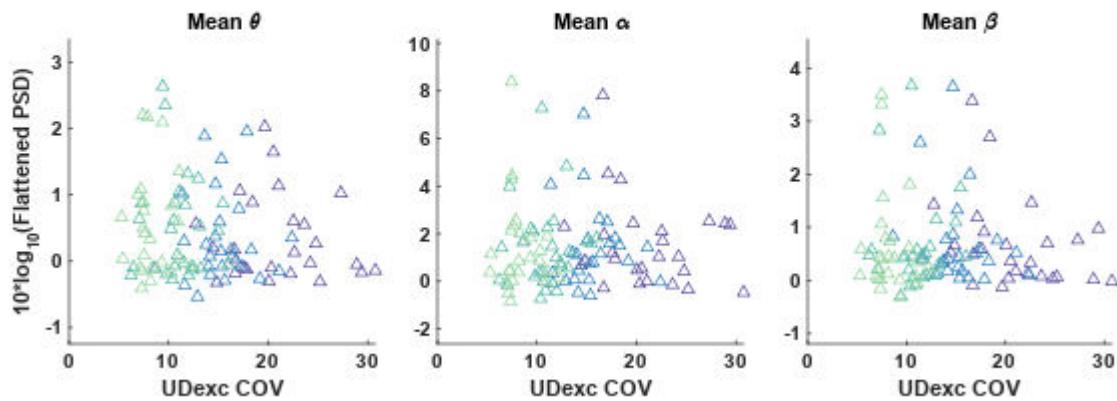
R-squared: 0.0413, Adjusted R-Squared: -0.0286

F-statistic vs. constant model: 0.591, p-value = 0.762

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	1.0499	3	0.34997	0.44673	0.72017
<b>mean_UDexc_COV</b>	1.4176	1	1.4176	1.8096	0.18173
<b>cond_char:mean_UDexc_COV</b>	0.42901	3	0.143	0.18254	0.90803
<b>Error</b>	75.207	96	0.78341		
<b>Total</b>	78.447	103			

## CL4: Calcarine\_L

△ 0.25   △ 0.5   △ 0.75   △ 1



CL4) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.91148	0.48087	1.8955	0.061038
cond_char_0.5	-0.13148	0.8113	-0.16206	0.8716
cond_char_0.75	-0.010396	0.85873	-0.012106	0.99037
cond_char_1.0	-0.69462	0.86541	-0.80265	0.42416
mean_UDexc_mean	-38.159	29.618	-1.2884	0.20072
cond_char_0.5:mean_UDexc_mean	15.604	43.885	0.35556	0.72295
cond_char_0.75:mean_UDexc_mean	23.901	39.324	0.60778	0.54477
cond_char_1.0:mean_UDexc_mean	46.731	35.519	1.3157	0.19142

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.717

R-squared: 0.0453, Adjusted R-Squared: -0.0244

F-statistic vs. constant model: 0.65, p-value = 0.713

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.36397	3	0.12132	0.2363	0.87086
mean_UDexc_mean	0.75978	1	0.75978	1.4798	0.22679
cond_char:mean_UDexc_mean	1.0156	3	0.33853	0.65934	0.57906
Error	49.29	96	0.51343		
Total	51.626	103			

CL4) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.6584	1.2325	2.157	0.0335
cond_char_0.5	-1.7719	2.0793	-0.85215	0.39625
cond_char_0.75	-1.2558	2.2009	-0.57061	0.5696
cond_char_1.0	-0.67366	2.218	-0.30372	0.762
mean_UDexc_mean	-71.415	75.91	-0.94078	0.34918

<code>cond_char_0.5:mean_UDexc_mean</code>	96.843	112.47	0.86102	0.39137
<code>cond_char_0.75:mean_UDexc_mean</code>	71.67	100.79	0.71111	0.47874
<code>cond_char_1.0:mean_UDexc_mean</code>	56.274	91.033	0.61817	0.53793

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 1.84

R-squared: 0.0122, Adjusted R-Squared: -0.0598

F-statistic vs. constant model: 0.17, p-value = 0.991

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.77	3	0.92334	0.27378	0.84418
<code>mean_UDexc_mean</code>	0.63856	1	0.63856	0.18934	0.66444
<code>cond_char:mean_UDexc_mean</code>	2.8406	3	0.94688	0.28076	0.83917
<code>Error</code>	323.77	96	3.3726		
<code>Total</code>	327.78	103			

CL4) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_UDexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.9821	0.60286	1.6291	0.10658
<code>cond_char_0.5</code>	-0.45506	1.0171	-0.44741	0.65559
<code>cond_char_0.75</code>	0.060912	1.0766	0.056579	0.955
<code>cond_char_1.0</code>	0.28441	1.0849	0.26214	0.79378
<code>mean_UDexc_mean</code>	-19.919	37.132	-0.53644	0.5929
<code>cond_char_0.5:mean_UDexc_mean</code>	28.565	55.017	0.51921	0.60481
<code>cond_char_0.75:mean_UDexc_mean</code>	4.2126	49.3	0.085448	0.93208
<code>cond_char_1.0:mean_UDexc_mean</code>	2.2516	44.529	0.050564	0.95978

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.898

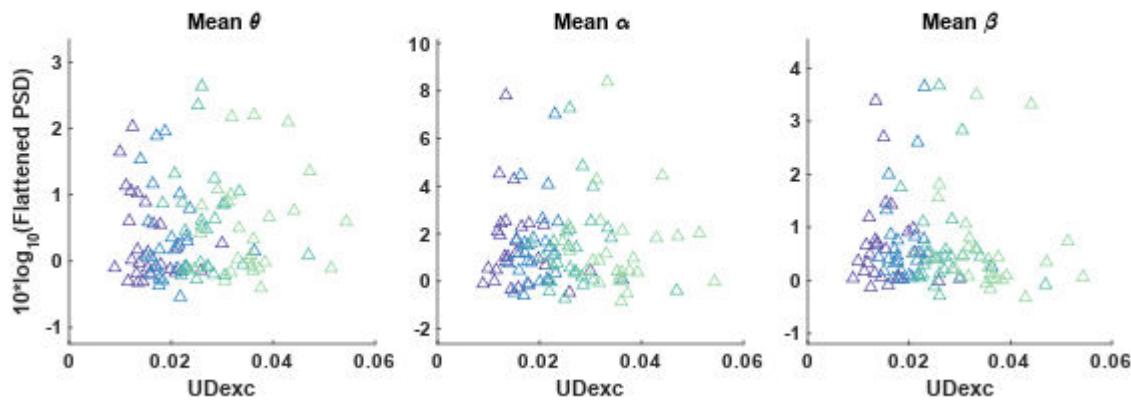
R-squared: 0.0125, Adjusted R-Squared: -0.0595

F-statistic vs. constant model: 0.173, p-value = 0.99

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.32538	3	0.10846	0.1344	0.93932
<code>mean_UDexc_mean</code>	0.3435	1	0.3435	0.42566	0.51568
<code>cond_char:mean_UDexc_mean</code>	0.29119	3	0.097063	0.12028	0.94797
<code>Error</code>	77.469	96	0.80697		
<code>Total</code>	78.447	103			

## CL4: Calcarine\_L

△ 0.25   △ 0.5   △ 0.75   △ 1



CL4) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.71192	0.55574	1.281	0.20327
cond_char_0.5	1.0578	1.0887	0.9716	0.33369
cond_char_0.75	3.1805	1.4998	2.1206	0.036531
cond_char_1.0	3.1287	1.7503	1.7875	0.077015
mean_StanceDur	-0.22965	0.31525	-0.72845	0.46811
cond_char_0.5:mean_StanceDur	-1.0875	0.90749	-1.1984	0.23371
cond_char_0.75:mean_StanceDur	-3.7187	1.6521	-2.2508	0.026677
cond_char_1.0:mean_StanceDur	-4.313	2.2887	-1.8845	0.062528

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.682

R-squared: 0.135, Adjusted R-Squared: 0.0719

F-statistic vs. constant model: 2.14, p-value = 0.0465

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.269	3	1.0897	2.3424	0.077972
mean_StanceDur	5.4549	1	5.4549	11.726	0.00090791
cond_char:mean_StanceDur	4.3438	3	1.4479	3.1125	0.029871
Error	44.658	96	0.46519		
Total	51.626	103			

CL4) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.6692	1.4758	1.8086	0.073643
cond_char_0.5	1.9306	2.8911	0.66776	0.50589
cond_char_0.75	2.9824	3.9828	0.74883	0.45579
cond_char_1.0	0.47145	4.6481	0.10143	0.91942
mean_StanceDur	-0.65433	0.83718	-0.7816	0.43638

<b>cond_char_0.5:mean_StanceDur</b>	-2.2958	2.4099	-0.95263	0.34317
<b>cond_char_0.75:mean_StanceDur</b>	-4.3073	4.3873	-0.98176	0.32869
<b>cond_char_1.0:mean_StanceDur</b>	-1.6762	6.0779	-0.27579	0.7833

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 1.81

R-squared: 0.0392, Adjusted R-Squared: -0.0309

F-statistic vs. constant model: 0.559, p-value = 0.787

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	2.7948	3	0.93159	0.28397	0.83686
<b>mean_StanceDur</b>	6.4283	1	6.4283	1.9595	0.16479
<b>cond_char:mean_StanceDur</b>	5.9012	3	1.9671	0.59961	0.6168
<b>Error</b>	314.93	96	3.2806		
<b>Total</b>	327.78	103			

CL4) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.40196	0.73332	0.54813	0.58487
<b>cond_char_0.5</b>	0.83045	1.4365	0.57809	0.56456
<b>cond_char_0.75</b>	1.3562	1.979	0.68531	0.4948
<b>cond_char_1.0</b>	0.31091	2.3096	0.13462	0.8932
<b>mean_StanceDur</b>	0.15831	0.41598	0.38056	0.70437
<b>cond_char_0.5:mean_StanceDur</b>	-0.64964	1.1975	-0.54252	0.58872
<b>cond_char_0.75:mean_StanceDur</b>	-1.4901	2.18	-0.68352	0.49593
<b>cond_char_1.0:mean_StanceDur</b>	-0.27105	3.02	-0.08975	0.92867

Number of observations: 104, Error degrees of freedom: 96

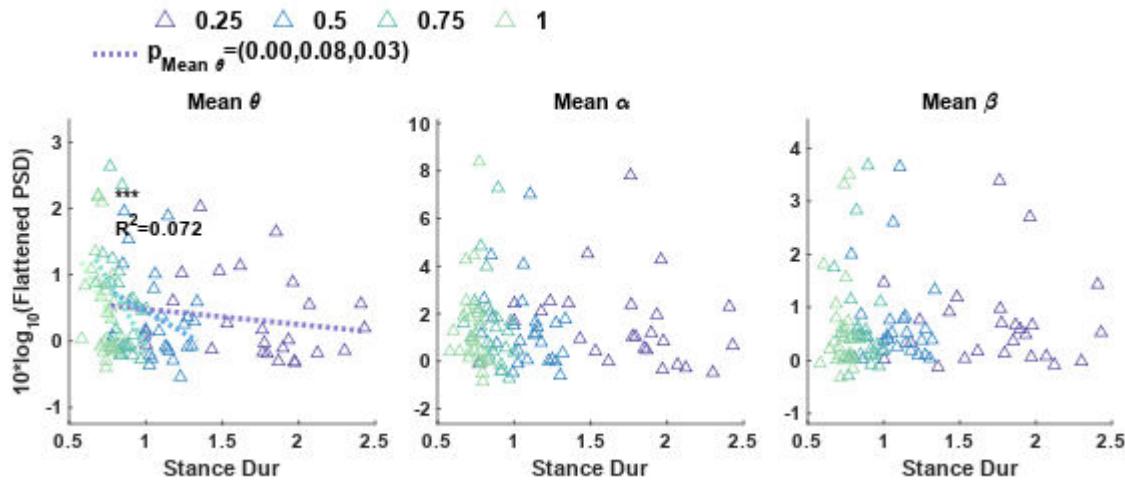
Root Mean Squared Error: 0.9

R-squared: 0.0088, Adjusted R-Squared: -0.0635

F-statistic vs. constant model: 0.122, p-value = 0.997

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	0.54945	3	0.18315	0.22612	0.87802
<b>mean_StanceDur</b>	0.17106	1	0.17106	0.2112	0.64687
<b>cond_char:mean_StanceDur</b>	0.58147	3	0.19382	0.2393	0.86874
<b>Error</b>	77.757	96	0.80997		
<b>Total</b>	78.447	103			

## CL4: Calcarine\_L



CL4) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.74063	0.55522	1.3339	0.18539
cond_char_0.5	1.0237	1.085	0.94346	0.34782
cond_char_0.75	3.2748	1.4751	2.2201	0.028768
cond_char_1.0	3.862	1.7216	2.2432	0.027182
mean_GaitCycleDur	-0.18114	0.2317	-0.78178	0.43627
cond_char_0.5:mean_GaitCycleDur	-0.69663	0.61245	-1.1374	0.25818
cond_char_0.75:mean_GaitCycleDur	-2.4443	1.0467	-2.3353	0.02161
cond_char_1.0:mean_GaitCycleDur	-3.3203	1.414	-2.3481	0.020921

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.673

R-squared: 0.159, Adjusted R-Squared: 0.0972

F-statistic vs. constant model: 2.58, p-value = 0.0174

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.0451	3	1.3484	2.9799	0.035243
mean_GaitCycleDur	6.9481	1	6.9481	15.355	0.00016691
cond_char:mean_GaitCycleDur	5.0876	3	1.6959	3.7478	0.013545
Error	43.439	96	0.45249		
Total	51.626	103			

CL4) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.9169	1.4953	1.9507	0.054004
cond_char_0.5	1.6511	2.922	0.56504	0.57336
cond_char_0.75	2.4004	3.9726	0.60424	0.54711
cond_char_1.0	-0.13551	4.6365	-0.029226	0.97674
mean_GaitCycleDur	-0.58741	0.624	-0.94137	0.34888

<b>cond_char_0.5:mean_GaitCycleDur</b>	-1.3664	1.6494	-0.82845	0.40947
<b>cond_char_0.75:mean_GaitCycleDur</b>	-2.3449	2.8188	-0.83189	0.40753
<b>cond_char_1.0:mean_GaitCycleDur</b>	-0.5647	3.8081	-0.14829	0.88243

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 1.81

R-squared: 0.0388, Adjusted R-Squared: -0.0313

F-statistic vs. constant model: 0.554, p-value = 0.791

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	1.9809	3	0.66031	0.20121	0.89532
<b>mean_GaitCycleDur</b>	5.9071	1	5.9071	1.8	0.18288
<b>cond_char:mean_GaitCycleDur</b>	4.1916	3	1.3972	0.42574	0.73499
<b>Error</b>	315.05	96	3.2818		
<b>Total</b>	327.78	103			

CL4) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
<b>(Intercept)</b>	0.53923	0.7437	0.72506	0.47018
<b>cond_char_0.5</b>	0.70951	1.4533	0.4882	0.62652
<b>cond_char_0.75</b>	1.0023	1.9759	0.50729	0.61311
<b>cond_char_1.0</b>	-0.16444	2.3061	-0.071306	0.9433
<b>mean_GaitCycleDur</b>	0.057395	0.31036	0.18493	0.85367
<b>cond_char_0.5:mean_GaitCycleDur</b>	-0.39609	0.82035	-0.48283	0.63031
<b>cond_char_0.75:mean_GaitCycleDur</b>	-0.74925	1.402	-0.53443	0.59428
<b>cond_char_1.0:mean_GaitCycleDur</b>	0.16228	1.894	0.085681	0.9319

Number of observations: 104, Error degrees of freedom: 96

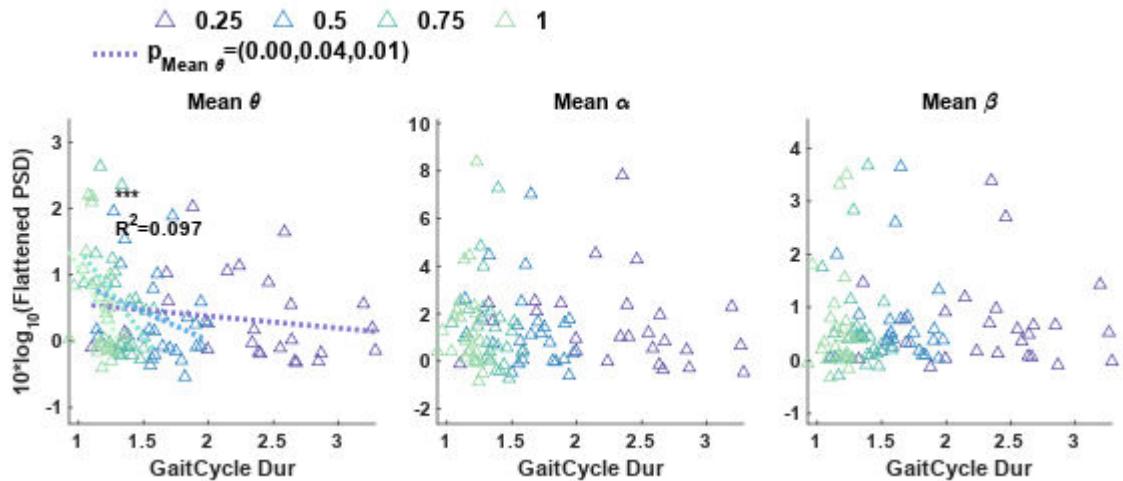
Root Mean Squared Error: 0.901

R-squared: 0.00652, Adjusted R-Squared: -0.0659

F-statistic vs. constant model: 0.09, p-value = 0.999

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	0.36797	3	0.12266	0.15109	0.92876
<b>mean_GaitCycleDur</b>	0.076394	1	0.076394	0.094101	0.75969
<b>cond_char:mean_GaitCycleDur</b>	0.40278	3	0.13426	0.16538	0.91946
<b>Error</b>	77.936	96	0.81183		
<b>Total</b>	78.447	103			

## CL4: Calcarine\_L



CL4) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.57742	0.52986	1.0898	0.27854
cond_char_0.5	-0.43096	0.87831	-0.49067	0.62478
cond_char_0.75	-0.26035	0.95837	-0.27166	0.78646
cond_char_1.0	-1.0145	0.92802	-1.0931	0.27707
mean_PeakUpDownVel_mean	-2.1062	4.1628	-0.50596	0.61404
cond_char_0.5:mean_PeakUpDownVel_mean	3.0547	5.4017	0.5655	0.57305
cond_char_0.75:mean_PeakUpDownVel_mean	2.7945	4.9676	0.56256	0.57505
cond_char_1.0:mean_PeakUpDownVel_mean	4.4875	4.5564	0.98488	0.32716

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.719

R-squared: 0.0395, Adjusted R-Squared: -0.0305

F-statistic vs. constant model: 0.564, p-value = 0.783

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.63131	3	0.21044	0.4074	0.74802
mean_PeakUpDownVel_mean	0.047251	1	0.047251	0.091479	0.76296
cond_char:mean_PeakUpDownVel_mean	0.55346	3	0.18449	0.35717	0.78406
Error	49.587	96	0.51653		
Total	51.626	103			

CL4) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.4341	1.35	1.0623	0.29076
cond_char_0.5	-2.1015	2.2378	-0.93909	0.35004
cond_char_0.75	-1.0065	2.4418	-0.41218	0.68113
cond_char_1.0	0.084999	2.3645	0.035948	0.9714
mean_PeakUpDownVel_mean	0.94099	10.606	0.08872	0.92949

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	9.3689	13.763	0.68073	0.49768
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	2.4449	12.657	0.19317	0.84724
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	-1.1373	11.609	-0.097963	0.92217

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 1.83

R-squared: 0.0179, Adjusted R-Squared: -0.0537

F-statistic vs. constant model: 0.25, p-value = 0.971

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.5786	3	1.1929	0.35574	0.78508
<code>mean_PeakUpDownVel_mean</code>	2.6955	1	2.6955	0.80388	0.37218
<code>cond_char:mean_PeakUpDownVel_mean</code>	3.8721	3	1.2907	0.38492	0.7641
<code>Error</code>	321.9	96	3.3532		
<code>Total</code>	327.78	103			

CL4) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.71092	0.66293	1.0724	0.28624
<code>cond_char_0.5</code>	-0.70031	1.0989	-0.63728	0.52546
<code>cond_char_0.75</code>	-0.16077	1.1991	-0.13408	0.89362
<code>cond_char_1.0</code>	0.38221	1.1611	0.32918	0.74273
<code>mean_PeakUpDownVel_mean</code>	-0.31047	5.2083	-0.059612	0.95259
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	3.7562	6.7584	0.55579	0.57965
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	0.54982	6.2152	0.088464	0.92969
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	-0.83392	5.7007	-0.14628	0.884

Number of observations: 104, Error degrees of freedom: 96

Root Mean Squared Error: 0.899

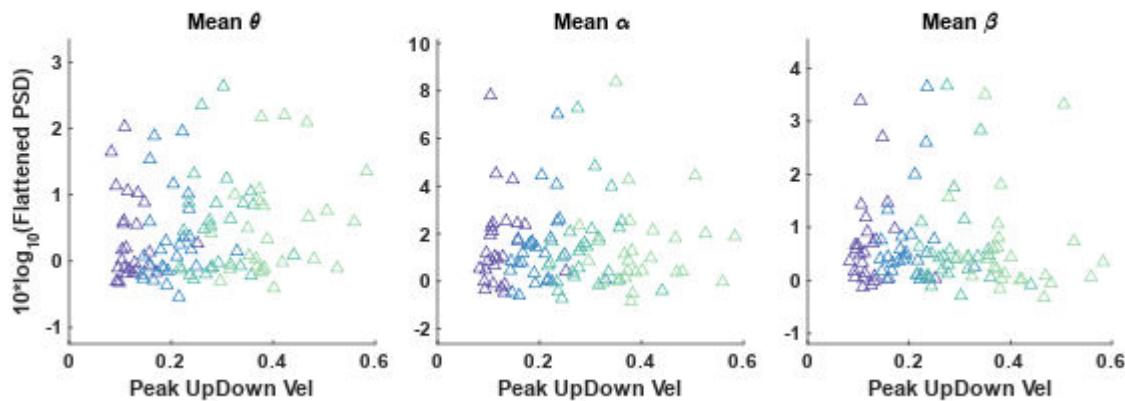
R-squared: 0.0105, Adjusted R-Squared: -0.0616

F-statistic vs. constant model: 0.146, p-value = 0.994

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.60665	3	0.20222	0.25009	0.86109
<code>mean_PeakUpDownVel_mean</code>	0.064296	1	0.064296	0.079519	0.77856
<code>cond_char:mean_PeakUpDownVel_mean</code>	0.72084	3	0.24028	0.29717	0.82736
<code>Error</code>	77.622	96	0.80857		
<code>Total</code>	78.447	103			

### CL4: Calcarine\_L

$\triangle$  0.25    $\triangle$  0.5    $\triangle$  0.75    $\triangle$  1



CL5) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.3457	0.40017	3.3628	0.00093854
cond_char_0.5	-0.26876	0.62607	-0.42929	0.66822
cond_char_0.75	0.40542	0.68901	0.58841	0.55698
cond_char_1.0	0.57318	0.61184	0.93681	0.35008
mean_APexc_COV	-0.014144	0.017336	-0.81585	0.41564
cond_char_0.5:mean_APexc_COV	0.015228	0.028245	0.53912	0.59046
cond_char_0.75:mean_APexc_COV	-0.014546	0.033088	-0.43961	0.66073
cond_char_1.0:mean_APexc_COV	-0.021439	0.029248	-0.73301	0.46449

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 0.941

R-squared: 0.0288, Adjusted R-Squared: -0.00812

F-statistic vs. constant model: 0.78, p-value = 0.605

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.7197	3	0.57323	0.64674	0.58595
mean_APexc_COV	2.4689	1	2.4689	2.7855	0.096822
cond_char:mean_APexc_COV	1.3105	3	0.43682	0.49284	0.68768
Error	163.09	184	0.88633		
Total	167.93	191			

CL5) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.84846	0.44027	1.9271	0.055504
cond_char_0.5	-0.20494	0.6888	-0.29754	0.76639
cond_char_0.75	-0.58474	0.75805	-0.77137	0.44148
cond_char_1.0	0.047111	0.67315	0.069986	0.94428
mean_APexc_COV	-0.011933	0.019073	-0.62565	0.53232

<code>cond_char_0.5:mean_APexc_COV</code>	0.0059739	0.031075	0.19224	0.84777
<code>cond_char_0.75:mean_APexc_COV</code>	0.025706	0.036403	0.70616	0.48098
<code>cond_char_1.0:mean_APexc_COV</code>	-0.0013304	0.032179	-0.041344	0.96707

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 1.04

R-squared: 0.0074, Adjusted R-Squared: -0.0304

F-statistic vs. constant model: 0.196, p-value = 0.986

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.82657	3	0.27552	0.25682	0.85641
<code>mean_APexc_COV</code>	0.12475	1	0.12475	0.11628	0.73349
<code>cond_char:mean_APexc_COV</code>	0.61788	3	0.20596	0.19198	0.90177
<code>Error</code>	197.4	184	1.0728		
<code>Total</code>	198.88	191			

CL5) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_APexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.583	0.49427	3.2026	0.0016051
<code>cond_char_0.5</code>	-0.49334	0.77329	-0.63797	0.52429
<code>cond_char_0.75</code>	-0.98777	0.85104	-1.1607	0.24728
<code>cond_char_1.0</code>	-1.681	0.75572	-2.2244	0.027338
<code>mean_APexc_COV</code>	-0.01008	0.021413	-0.47074	0.63838
<code>cond_char_0.5:mean_APexc_COV</code>	0.020529	0.034887	0.58842	0.55697
<code>cond_char_0.75:mean_APexc_COV</code>	0.044595	0.040868	1.0912	0.27662
<code>cond_char_1.0:mean_APexc_COV</code>	0.081865	0.036126	2.2661	0.02461

Number of observations: 192, Error degrees of freedom: 184

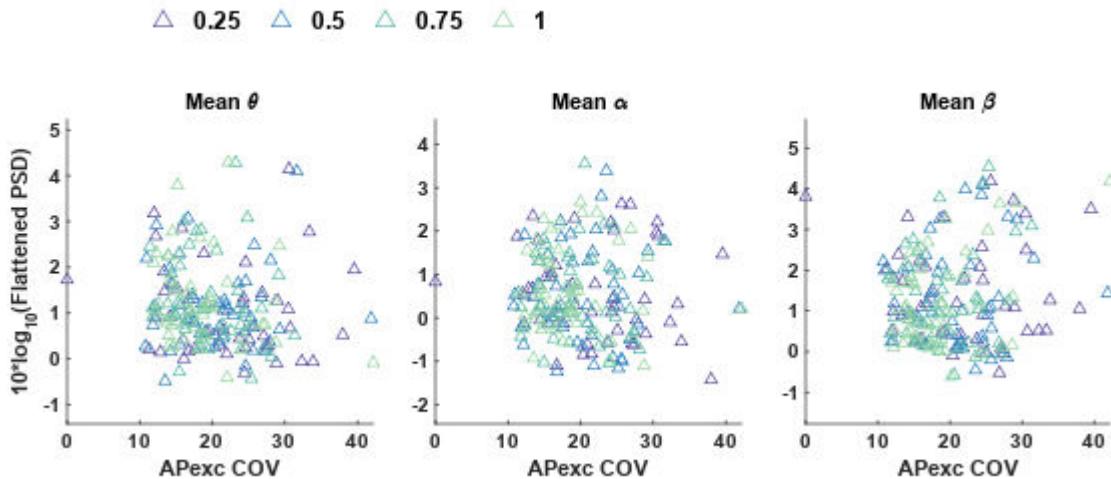
Root Mean Squared Error: 1.16

R-squared: 0.0403, Adjusted R-Squared: 0.00376

F-statistic vs. constant model: 1.1, p-value = 0.363

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	7.0881	3	2.3627	1.7473	0.1589
<code>mean_APexc_COV</code>	4.6973	1	4.6973	3.4738	0.063941
<code>cond_char:mean_APexc_COV</code>	7.3431	3	2.4477	1.8102	0.14685
<code>Error</code>	248.8	184	1.3522		
<code>Total</code>	259.24	191			

### CL5: Frontal\_Sup\_L



CL5) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.53185	0.41777	1.2731	0.2046
cond_char_0.5	0.82785	0.73667	1.1238	0.26257
cond_char_0.75	0.66432	0.76545	0.86788	0.38659
cond_char_1.0	1.7973	0.85358	2.1056	0.036596
mean_APexc_mean	8.3422	6.5031	1.2828	0.20117
cond_char_0.5:mean_APexc_mean	-13.507	13.415	-1.0069	0.31531
cond_char_0.75:mean_APexc_mean	-8.3193	16.022	-0.51923	0.60423
cond_char_1.0:mean_APexc_mean	-37	20.504	-1.8045	0.072783

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 0.941

R-squared: 0.029, Adjusted R-Squared: -0.00798

F-statistic vs. constant model: 0.784, p-value = 0.602

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.2371	3	1.4124	1.5937	0.19244
mean_APexc_mean	0.74348	1	0.74348	0.83893	0.3609
cond_char:mean_APexc_mean	3.3911	3	1.1304	1.2755	0.28418
Error	163.06	184	0.88621		
Total	167.93	191			

CL5) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.0053027	0.45819	-0.011573	0.99078
cond_char_0.5	0.80979	0.80793	1.0023	0.31752
cond_char_0.75	0.57747	0.8395	0.68787	0.4924
cond_char_1.0	0.53329	0.93616	0.56965	0.56961
mean_APexc_mean	9.7891	7.1323	1.3725	0.17158

<code>cond_char_0.5:mean_APexc_mean</code>	-15.432	14.712	-1.0489	0.29558
<code>cond_char_0.75:mean_APexc_mean</code>	-10.782	17.573	-0.61357	0.54026
<code>cond_char_1.0:mean_APexc_mean</code>	-6.6414	22.488	-0.29534	0.76807

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 1.03

R-squared: 0.0138, Adjusted R-Squared: -0.0238

F-statistic vs. constant model: 0.367, p-value = 0.921

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.295	3	0.43166	0.40494	0.74962
<code>mean_APexc_mean</code>	0.045543	1	0.045543	0.042724	0.83647
<code>cond_char:mean_APexc_mean</code>	1.3661	3	0.45537	0.42719	0.73375
<code>Error</code>	196.14	184	1.066		
<code>Total</code>	198.88	191			

CL5) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_APexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.4211	0.52016	2.732	0.0069092
<code>cond_char_0.5</code>	-0.6798	0.91722	-0.74116	0.45954
<code>cond_char_0.75</code>	0.3927	0.95306	0.41205	0.68078
<code>cond_char_1.0</code>	-1.8301	1.0628	-1.722	0.086758
<code>mean_APexc_mean</code>	-0.93745	8.097	-0.11578	0.90796
<code>cond_char_0.5:mean_APexc_mean</code>	12.144	16.702	0.72706	0.46811
<code>cond_char_0.75:mean_APexc_mean</code>	-11.96	19.949	-0.59954	0.54955
<code>cond_char_1.0:mean_APexc_mean</code>	45.023	25.529	1.7636	0.079463

Number of observations: 192, Error degrees of freedom: 184

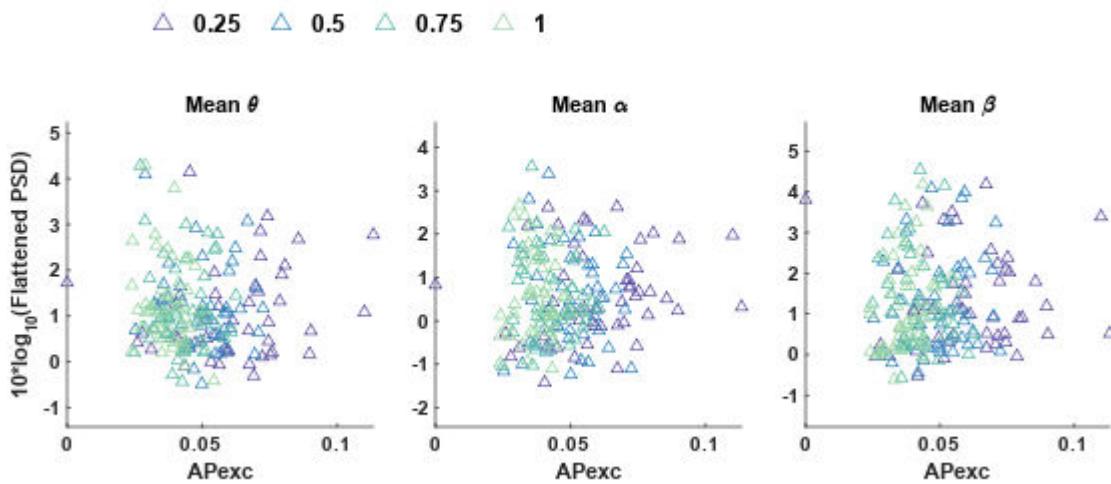
Root Mean Squared Error: 1.17

R-squared: 0.0249, Adjusted R-Squared: -0.0122

F-statistic vs. constant model: 0.671, p-value = 0.696

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.5718	3	1.8573	1.3519	0.25906
<code>mean_APexc_mean</code>	1.9716	1	1.9716	1.4351	0.23248
<code>cond_char:mean_APexc_mean</code>	5.7592	3	1.9197	1.3973	0.24509
<code>Error</code>	252.79	184	1.3739		
<code>Total</code>	259.24	191			

### CL5: Frontal\_Sup\_L



CL5) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.0303	0.36167	2.8486	0.0048914
cond_char_0.5	-0.46418	0.53081	-0.87447	0.383
cond_char_0.75	-0.69446	0.61969	-1.1207	0.26389
cond_char_1.0	-0.4134	0.66874	-0.61818	0.53722
mean_MLexc_COV	0.00069603	0.027906	0.024943	0.98013
cond_char_0.5:mean_MLexc_COV	0.03895	0.038888	1.0016	0.31785
cond_char_0.75:mean_MLexc_COV	0.056159	0.042456	1.3227	0.18756
cond_char_1.0:mean_MLexc_COV	0.036258	0.042341	0.85634	0.39292

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 0.935

R-squared: 0.0424, Adjusted R-Squared: 0.00595

F-statistic vs. constant model: 1.16, p-value = 0.326

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.3093	3	0.43645	0.49939	0.68316
mean_MLexc_COV	4.4303	1	4.4303	5.0693	0.025536
cond_char:mean_MLexc_COV	1.7179	3	0.57262	0.6552	0.58065
Error	160.81	184	0.87396		
Total	167.93	191			

CL5) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.90716	0.40039	2.2657	0.024636
cond_char_0.5	-0.45318	0.58763	-0.77119	0.44158
cond_char_0.75	-0.59685	0.68603	-0.87001	0.38543
cond_char_1.0	-0.58319	0.74033	-0.78774	0.43186
mean_MLexc_COV	-0.026428	0.030893	-0.85547	0.39341

<code>cond_char_0.5:mean_MLexc_COV</code>	0.031341	0.043051	0.72798	0.46755
<code>cond_char_0.75:mean_MLexc_COV</code>	0.040907	0.047002	0.87032	0.38526
<code>cond_char_1.0:mean_MLexc_COV</code>	0.045233	0.046873	0.965	0.33581

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 1.03

R-squared: 0.00901, Adjusted R-Squared: -0.0287

F-statistic vs. constant model: 0.239, p-value = 0.975

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.2374	3	0.41247	0.38509	0.76387
<code>mean_MLexc_COV</code>	0.034092	1	0.034092	0.031829	0.8586
<code>cond_char:mean_MLexc_COV</code>	1.2907	3	0.43024	0.40168	0.75196
<code>Error</code>	197.08	184	1.0711		
<code>Total</code>	198.88	191			

CL5) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.9363	0.45604	4.2458	3.452e-05
<code>cond_char_0.5</code>	-0.82952	0.6693	-1.2394	0.21678
<code>cond_char_0.75</code>	-0.35528	0.78138	-0.45468	0.64987
<code>cond_char_1.0</code>	-0.71896	0.84323	-0.85263	0.39497
<code>mean_MLexc_COV</code>	-0.047581	0.035187	-1.3522	0.17796
<code>cond_char_0.5:mean_MLexc_COV</code>	0.062398	0.049035	1.2725	0.20479
<code>cond_char_0.75:mean_MLexc_COV</code>	0.026503	0.053534	0.49506	0.62115
<code>cond_char_1.0:mean_MLexc_COV</code>	0.049499	0.053388	0.92716	0.35506

Number of observations: 192, Error degrees of freedom: 184

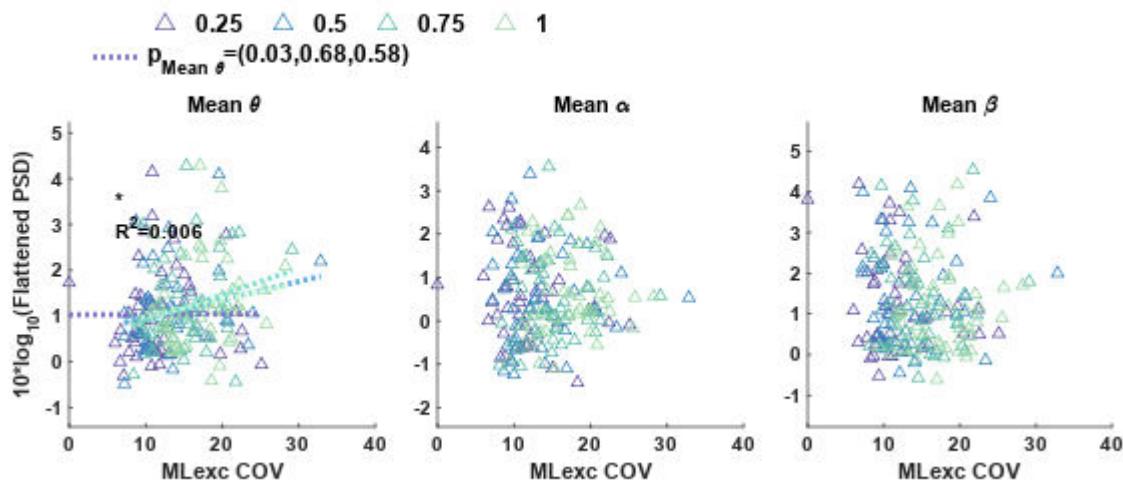
Root Mean Squared Error: 1.18

R-squared: 0.0138, Adjusted R-Squared: -0.0238

F-statistic vs. constant model: 0.367, p-value = 0.921

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.4094	3	0.80314	0.57799	0.63017
<code>mean_MLexc_COV</code>	0.66369	1	0.66369	0.47764	0.49036
<code>cond_char:mean_MLexc_COV</code>	2.5115	3	0.83715	0.60247	0.61418
<code>Error</code>	255.67	184	1.3895		
<code>Total</code>	259.24	191			

### CL5: Frontal\_Sup\_L



CL5) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.3932	0.46631	2.9877	0.0031944
cond_char_0.5	0.010383	0.7222	0.014377	0.98854
cond_char_0.75	0.43078	0.76841	0.56061	0.57575
cond_char_1.0	0.28176	0.82321	0.34228	0.73253
mean_MLexc_mean	-2.9998	3.7726	-0.79514	0.42755
cond_char_0.5:mean_MLexc_mean	-0.26821	6.8695	-0.039044	0.9689
cond_char_0.75:mean_MLexc_mean	-5.9537	9.3029	-0.63998	0.52298
cond_char_1.0:mean_MLexc_mean	-4.6928	12.623	-0.37177	0.71049

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 0.945

R-squared: 0.0209, Adjusted R-Squared: -0.0163

F-statistic vs. constant model: 0.562, p-value = 0.786

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.37143	3	0.12381	0.13856	0.93684
mean_MLexc_mean	1.773	1	1.773	1.9842	0.16063
cond_char:mean_MLexc_mean	0.46447	3	0.15482	0.17327	0.91437
Error	164.41	184	0.89353		
Total	167.93	191			

CL5) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.42601	0.51159	0.83271	0.40609
cond_char_0.5	0.010244	0.79234	0.012929	0.9897
cond_char_0.75	-0.2142	0.84304	-0.25408	0.79972
cond_char_1.0	0.0089387	0.90316	0.0098972	0.99211
mean_MLexc_mean	1.3821	4.139	0.33392	0.73882

<code>cond_char_0.5:mean_MLexc_mean</code>	-0.48165	7.5367	-0.063907	0.94911
<code>cond_char_0.75:mean_MLexc_mean</code>	3.1581	10.206	0.30943	0.75735
<code>cond_char_1.0:mean_MLexc_mean</code>	2.4517	13.849	0.17703	0.85968

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 1.04

R-squared: 0.00494, Adjusted R-Squared: -0.0329

F-statistic vs. constant model: 0.131, p-value = 0.996

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.09132	3	0.03044	0.028303	0.99356
<code>mean_MLexc_mean</code>	0.38348	1	0.38348	0.35656	0.55116
<code>cond_char:mean_MLexc_mean</code>	0.15099	3	0.05033	0.046797	0.98654
<code>Error</code>	197.89	184	1.0755		
<code>Total</code>	198.88	191			

CL5) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.8272	0.5821	3.1389	0.0019753
<code>cond_char_0.5</code>	-1.0073	0.90154	-1.1174	0.2653
<code>cond_char_0.75</code>	-0.94094	0.95923	-0.98094	0.32791
<code>cond_char_1.0</code>	-1.1213	1.0276	-1.0911	0.27663
<code>mean_MLexc_mean</code>	-3.918	4.7094	-0.83195	0.40652
<code>cond_char_0.5:mean_MLexc_mean</code>	9.1417	8.5754	1.066	0.2878
<code>cond_char_0.75:mean_MLexc_mean</code>	9.2802	11.613	0.79912	0.42525
<code>cond_char_1.0:mean_MLexc_mean</code>	13.784	15.757	0.87479	0.38283

Number of observations: 192, Error degrees of freedom: 184

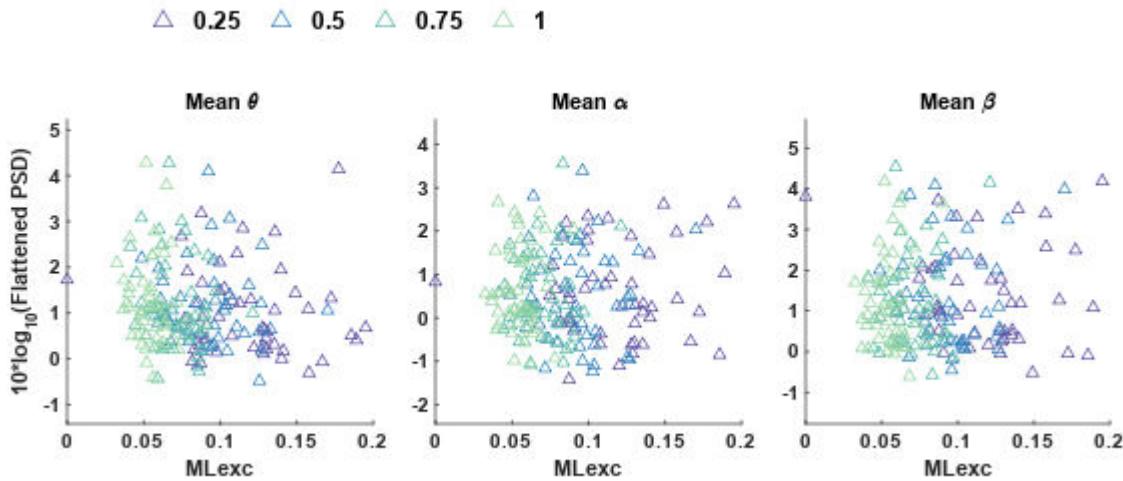
Root Mean Squared Error: 1.18

R-squared: 0.0117, Adjusted R-Squared: -0.0259

F-statistic vs. constant model: 0.312, p-value = 0.948

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.7453	3	0.91511	0.65722	0.57939
<code>mean_MLexc_mean</code>	0.92316	1	0.92316	0.663	0.41655
<code>cond_char:mean_MLexc_mean</code>	2.6535	3	0.8845	0.63524	0.59319
<code>Error</code>	256.2	184	1.3924		
<code>Total</code>	259.24	191			

## CL5: Frontal\_Sup\_L



CL5) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.10732	0.57875	0.18543	0.85309
cond_char_0.5	0.73269	1.0934	0.67008	0.50365
cond_char_0.75	0.10037	1.3826	0.072591	0.94221
cond_char_1.0	0.64161	1.6956	0.3784	0.70557
mean_StepDur	0.79819	0.48213	1.6556	0.099516
cond_char_0.5:mean_StepDur	-0.47823	1.2304	-0.38867	0.69797
cond_char_0.75:mean_StepDur	0.68265	1.9294	0.35381	0.72389
cond_char_1.0:mean_StepDur	0.059636	2.7579	0.021624	0.98277

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 0.943

R-squared: 0.0266, Adjusted R-Squared: -0.0105

F-statistic vs. constant model: 0.717, p-value = 0.657

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.46979	3	0.1566	0.17627	0.91237
mean_StepDur	0.85769	1	0.85769	0.96543	0.32711
cond_char:mean_StepDur	0.27296	3	0.090988	0.10242	0.95855
Error	163.47	184	0.8884		
Total	167.93	191			

CL5) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.054892	0.63494	-0.086453	0.9312
cond_char_0.5	0.36689	1.1996	0.30584	0.76007
cond_char_0.75	0.41218	1.5169	0.27173	0.78614
cond_char_1.0	-0.37192	1.8602	-0.19994	0.84175
mean_StepDur	0.55217	0.52894	1.0439	0.29789

<b>cond_char_0.5:mean_StepDur</b>	-0.29551	1.3499	-0.21892	0.82696
<b>cond_char_0.75:mean_StepDur</b>	-0.29419	2.1167	-0.13899	0.88961
<b>cond_char_1.0:mean_StepDur</b>	1.2831	3.0256	0.42409	0.672

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 1.03

R-squared: 0.0107, Adjusted R-Squared: -0.0269

F-statistic vs. constant model: 0.285, p-value = 0.959

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	0.23276	3	0.077586	0.072559	0.97461
<b>mean_StepDur</b>	0.60452	1	0.60452	0.56535	0.45307
<b>cond_char:mean_StepDur</b>	0.27774	3	0.092581	0.086583	0.96732
<b>Error</b>	196.75	184	1.0693		
<b>Total</b>	198.88	191			

CL5) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_StepDur

Estimated Coefficients:

	<b>Estimate</b>	<b>SE</b>	<b>tStat</b>	<b>pValue</b>
<b>(Intercept)</b>	1.2634	0.72632	1.7395	0.083626
<b>cond_char_0.5</b>	-0.92306	1.3722	-0.67267	0.502
<b>cond_char_0.75</b>	0.61411	1.7352	0.35392	0.72381
<b>cond_char_1.0</b>	-0.72428	2.1279	-0.34037	0.73397
<b>mean_StepDur</b>	0.08631	0.60506	0.14265	0.88673
<b>cond_char_0.5:mean_StepDur</b>	1.1049	1.5441	0.71557	0.47516
<b>cond_char_0.75:mean_StepDur</b>	-1.008	2.4214	-0.41631	0.67767
<b>cond_char_1.0:mean_StepDur</b>	1.1296	3.461	0.32639	0.7445

Number of observations: 192, Error degrees of freedom: 184

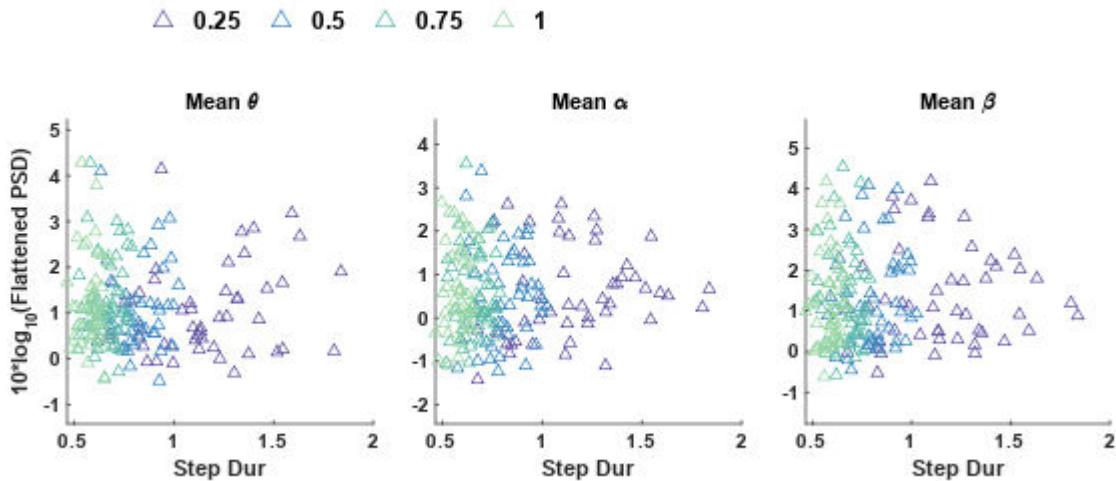
Root Mean Squared Error: 1.18

R-squared: 0.00691, Adjusted R-Squared: -0.0309

F-statistic vs. constant model: 0.183, p-value = 0.989

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	1.1146	3	0.37152	0.26552	0.85018
<b>mean_StepDur</b>	0.17732	1	0.17732	0.12673	0.72225
<b>cond_char:mean_StepDur</b>	1.1736	3	0.3912	0.27959	0.84009
<b>Error</b>	257.45	184	1.3992		
<b>Total</b>	259.24	191			

## CL5: Frontal\_Sup\_L



CL5) Variable: mean\_UDexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7817	0.51936	3.4306	0.00074341
cond_char_0.5	-0.054116	0.83507	-0.064804	0.9484
cond_char_0.75	-0.23628	0.84527	-0.27953	0.78015
cond_char_1.0	0.02413	0.802	0.030087	0.97603
mean_UDexc_COV	-0.038163	0.025745	-1.4824	0.13995
cond_char_0.5:mean_UDexc_COV	-0.0060183	0.051832	-0.11611	0.90769
cond_char_0.75:mean_UDexc_COV	0.0044817	0.068186	0.065727	0.94767
cond_char_1.0:mean_UDexc_COV	-0.0303	0.077844	-0.38924	0.69755

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 0.941

R-squared: 0.0305, Adjusted R-Squared: -0.00636

F-statistic vs. constant model: 0.828, p-value = 0.566

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.090123	3	0.030041	0.033953	0.99158
mean_UDexc_COV	2.495	1	2.495	2.8199	0.0948
cond_char:mean_UDexc_COV	0.1506	3	0.0502	0.056736	0.98219
Error	162.8	184	0.88479		
Total	167.93	191			

CL5) Variable: mean\_UDexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.1885	0.55702	2.1337	0.034193
cond_char_0.5	1.0011	0.89562	1.1178	0.26512
cond_char_0.75	0.21871	0.90657	0.24125	0.80963
cond_char_1.0	0.40233	0.86016	0.46774	0.64052
mean_UDexc_COV	-0.030769	0.027612	-1.1144	0.26658

cond_char_0.5:mean_UDexc_COV	-0.086645	0.05559	-1.5586	0.1208
cond_char_0.75:mean_UDexc_COV	-0.05409	0.07313	-0.73964	0.46046
cond_char_1.0:mean_UDexc_COV	-0.085667	0.083489	-1.0261	0.3062

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 1.01

R-squared: 0.0584, Adjusted R-Squared: 0.0225

F-statistic vs. constant model: 1.63, p-value = 0.13

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.3194	3	0.4398	0.43212	0.73024
mean_UDexc_COV	8.9531	1	8.9531	8.7968	0.0034179
cond_char:mean_UDexc_COV	3.2408	3	1.0803	1.0614	0.3668
Error	187.27	184	1.0178		
Total	198.88	191			

CL5) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.1481	0.64608	3.3248	0.001068
cond_char_0.5	0.51803	1.0388	0.49867	0.61861
cond_char_0.75	-0.51191	1.0515	-0.48683	0.62696
cond_char_1.0	-0.46501	0.99768	-0.46609	0.6417
mean_UDexc_COV	-0.04026	0.032026	-1.2571	0.21031
cond_char_0.5:mean_UDexc_COV	-0.055387	0.064478	-0.859	0.39146
cond_char_0.75:mean_UDexc_COV	0.004046	0.084822	0.047699	0.96201
cond_char_1.0:mean_UDexc_COV	-0.013107	0.096838	-0.13535	0.89248

Number of observations: 192, Error degrees of freedom: 184

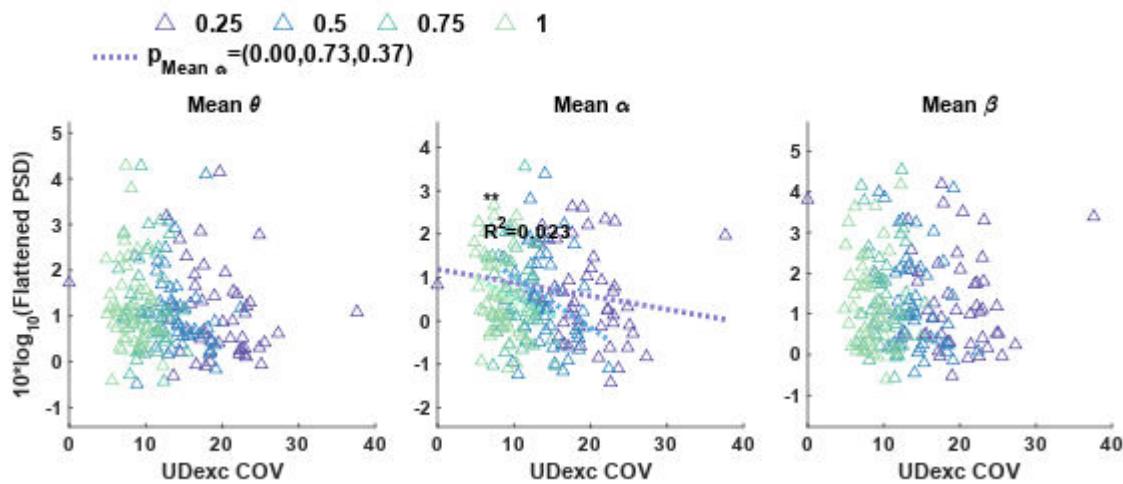
Root Mean Squared Error: 1.17

R-squared: 0.0282, Adjusted R-Squared: -0.00879

F-statistic vs. constant model: 0.762, p-value = 0.62

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.4757	3	0.4919	0.35925	0.7825
mean_UDexc_COV	3.7272	1	3.7272	2.7222	0.10067
cond_char:mean_UDexc_COV	1.0725	3	0.3575	0.2611	0.85335
Error	251.94	184	1.3692		
Total	259.24	191			

### CL5: Frontal\_Sup\_L



CL5) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.3415	0.53316	2.516	0.012723
cond_char_0.5	-0.12797	0.8703	-0.14705	0.88326
cond_char_0.75	0.31172	0.96858	0.32183	0.74795
cond_char_1.0	-0.066045	0.92783	-0.071182	0.94333
mean_UDexc_mean	-21.165	36.009	-0.58776	0.55741
cond_char_0.5:mean_UDexc_mean	15.408	49.532	0.31107	0.7561
cond_char_0.75:mean_UDexc_mean	4.2611	46.575	0.09149	0.9272
cond_char_1.0:mean_UDexc_mean	20.464	41.718	0.49053	0.62434

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 0.95

R-squared: 0.0116, Adjusted R-Squared: -0.026

F-statistic vs. constant model: 0.308, p-value = 0.95

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.17125	3	0.057083	0.063278	0.97915
mean_UDexc_mean	0.47442	1	0.47442	0.52591	0.46925
cond_char:mean_UDexc_mean	0.31407	3	0.10469	0.11605	0.95061
Error	165.98	184	0.90209		
Total	167.93	191			

CL5) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.31133	0.56861	0.54752	0.58468
cond_char_0.5	-1.3953	0.92816	-1.5033	0.13447
cond_char_0.75	-1.3054	1.033	-1.2638	0.20791
cond_char_1.0	-0.41957	0.98952	-0.42401	0.67205
mean_UDexc_mean	19.432	38.403	0.50599	0.61347

<code>cond_char_0.5:mean_UDexc_mean</code>	61.505	52.825	1.1643	0.2458
<code>cond_char_0.75:mean_UDexc_mean</code>	37.05	49.672	0.74589	0.45669
<code>cond_char_1.0:mean_UDexc_mean</code>	1.8541	44.492	0.041673	0.9668

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 1.01

R-squared: 0.0507, Adjusted R-Squared: 0.0146

F-statistic vs. constant model: 1.4, p-value = 0.206

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.0745	3	1.0248	0.99882	0.39466
<code>mean_UDexc_mean</code>	7.5935	1	7.5935	7.4008	0.0071446
<code>cond_char:mean_UDexc_mean</code>	2.5914	3	0.86382	0.8419	0.47253
<code>Error</code>	188.79	184	1.026		
<code>Total</code>	198.88	191			

CL5) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_UDexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.6974	0.65113	2.6068	0.0098885
<code>cond_char_0.5</code>	-2.2808	1.0629	-2.146	0.033186
<code>cond_char_0.75</code>	-1.5639	1.1829	-1.3221	0.18777
<code>cond_char_1.0</code>	-1.5658	1.1331	-1.3818	0.1687
<code>mean_UDexc_mean</code>	-23.291	43.976	-0.52962	0.59701
<code>cond_char_0.5:mean_UDexc_mean</code>	118.63	60.491	1.9611	0.051374
<code>cond_char_0.75:mean_UDexc_mean</code>	65.109	56.88	1.1447	0.25383
<code>cond_char_1.0:mean_UDexc_mean</code>	54.841	50.949	1.0764	0.28316

Number of observations: 192, Error degrees of freedom: 184

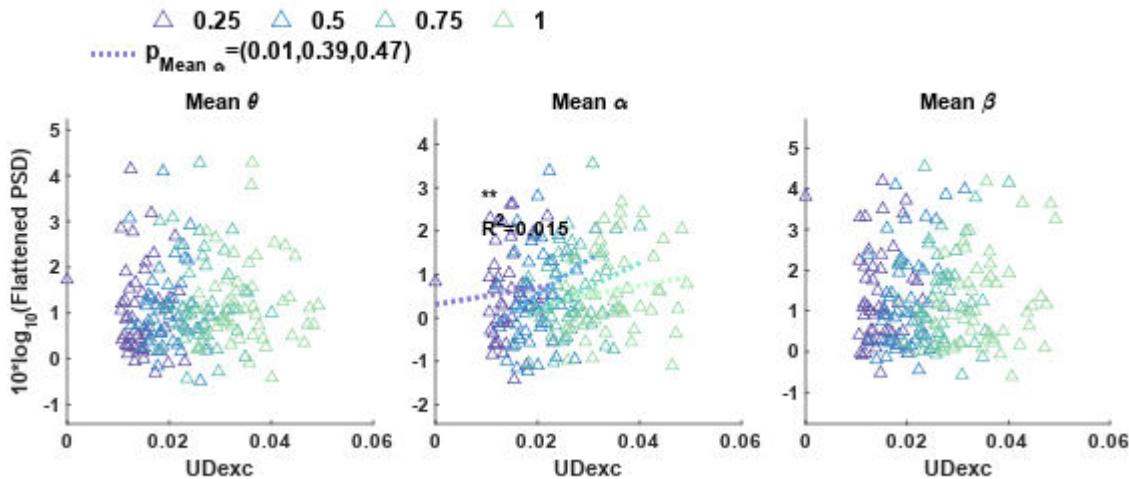
Root Mean Squared Error: 1.16

R-squared: 0.0451, Adjusted R-Squared: 0.00873

F-statistic vs. constant model: 1.24, p-value = 0.283

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	7.1325	3	2.3775	1.7671	0.15501
<code>mean_UDexc_mean</code>	5.0602	1	5.0602	3.761	0.05399
<code>cond_char:mean_UDexc_mean</code>	5.2661	3	1.7554	1.3047	0.27433
<code>Error</code>	247.56	184	1.3454		
<code>Total</code>	259.24	191			

### CL5: Frontal\_Sup\_L



CL5) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.27424	0.54893	0.49959	0.61796
cond_char_0.5	0.46832	1.0683	0.43837	0.66163
cond_char_0.75	-0.051124	1.4075	-0.036324	0.97106
cond_char_1.0	0.52018	1.757	0.29606	0.76752
mean_StanceDur	0.44088	0.3067	1.4375	0.15227
cond_char_0.5:mean_StanceDur	-0.1135	0.88626	-0.12807	0.89823
cond_char_0.75:mean_StanceDur	0.69037	1.5279	0.45183	0.65192
cond_char_1.0:mean_StanceDur	0.17875	2.2804	0.078384	0.93761

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 0.944

R-squared: 0.023, Adjusted R-Squared: -0.0142

F-statistic vs. constant model: 0.619, p-value = 0.74

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.23765	3	0.079215	0.088842	0.9661
mean_StanceDur	0.69581	1	0.69581	0.78038	0.37818
cond_char:mean_StanceDur	0.20962	3	0.069874	0.078366	0.97165
Error	164.06	184	0.89164		
Total	167.93	191			

CL5) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.025137	0.59968	0.041918	0.96661
cond_char_0.5	-0.03868	1.1671	-0.033143	0.9736
cond_char_0.75	-0.10694	1.5376	-0.069549	0.94463
cond_char_1.0	-1.2029	1.9194	-0.62669	0.53164
mean_StanceDur	0.32544	0.33505	0.97131	0.33267

<b>cond_char_0.5:mean_StanceDur</b>	0.16412	0.96819	0.16952	0.86558
<b>cond_char_0.75:mean_StanceDur</b>	0.38472	1.6692	0.23049	0.81797
<b>cond_char_1.0:mean_StanceDur</b>	2.1525	2.4912	0.86406	0.38868

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 1.03

R-squared: 0.0155, Adjusted R-Squared: -0.022

F-statistic vs. constant model: 0.414, p-value = 0.893

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	0.42292	3	0.14097	0.13248	0.94064
<b>mean_StanceDur</b>	1.7571	1	1.7571	1.6512	0.20041
<b>cond_char:mean_StanceDur</b>	0.85437	3	0.28479	0.26763	0.84867
<b>Error</b>	195.79	184	1.0641		
<b>Total</b>	198.88	191			

CL5) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
<b>(Intercept)</b>	1.3129	0.68663	1.9121	0.057416
<b>cond_char_0.5</b>	-1.171	1.3363	-0.87627	0.38203
<b>cond_char_0.75</b>	0.1179	1.7605	0.066971	0.94668
<b>cond_char_1.0</b>	-1.508	2.1977	-0.68613	0.49349
<b>mean_StanceDur</b>	0.029528	0.38363	0.07697	0.93873
<b>cond_char_0.5:mean_StanceDur</b>	1.0385	1.1086	0.93677	0.35011
<b>cond_char_0.75:mean_StanceDur</b>	-0.226	1.9112	-0.11825	0.906
<b>cond_char_1.0:mean_StanceDur</b>	1.9336	2.8524	0.67791	0.49868

Number of observations: 192, Error degrees of freedom: 184

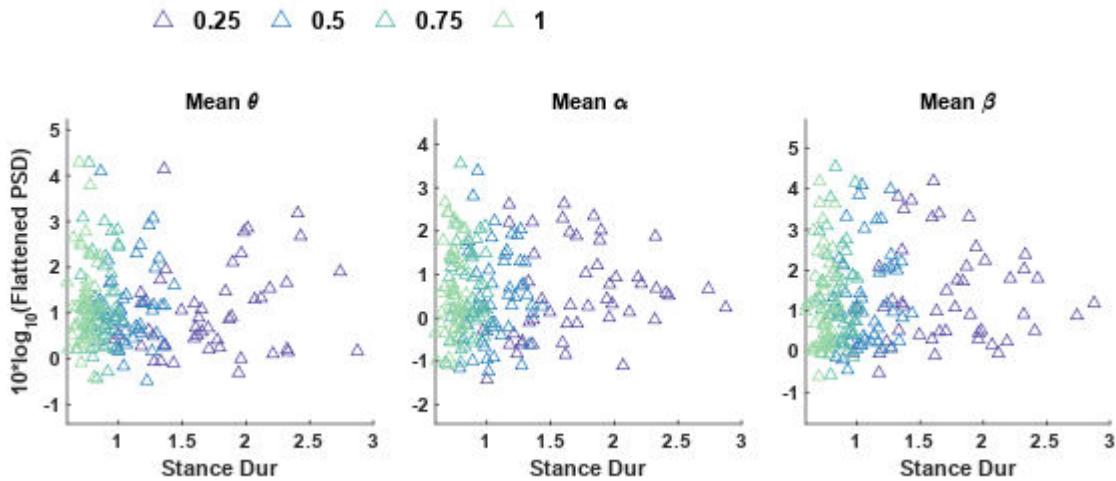
Root Mean Squared Error: 1.18

R-squared: 0.00985, Adjusted R-Squared: -0.0278

F-statistic vs. constant model: 0.261, p-value = 0.968

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	1.6229	3	0.54097	0.38778	0.76194
<b>mean_StanceDur</b>	0.89951	1	0.89951	0.64479	0.42302
<b>cond_char:mean_StanceDur</b>	1.8419	3	0.61398	0.44011	0.72458
<b>Error</b>	256.69	184	1.3951		
<b>Total</b>	259.24	191			

## CL5: Frontal\_Sup\_L



CL5) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.10494	0.57886	0.18129	0.85634
cond_char_0.5	0.73989	1.0927	0.67713	0.49918
cond_char_0.75	0.097	1.3867	0.069952	0.94431
cond_char_1.0	0.67186	1.6918	0.39712	0.69174
mean_GaitCycleDur	0.39989	0.24098	1.6594	0.09873
cond_char_0.5:mean_GaitCycleDur	-0.24293	0.61443	-0.39538	0.69302
cond_char_0.75:mean_GaitCycleDur	0.34479	0.96782	0.35625	0.72206
cond_char_1.0:mean_GaitCycleDur	0.0050679	1.3751	0.0036855	0.99706

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 0.943

R-squared: 0.0266, Adjusted R-Squared: -0.0105

F-statistic vs. constant model: 0.718, p-value = 0.657

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.4877	3	0.16257	0.18299	0.90786
mean_GaitCycleDur	0.8375	1	0.8375	0.94272	0.33285
cond_char:mean_GaitCycleDur	0.27896	3	0.092986	0.10467	0.95726
Error	163.46	184	0.88839		
Total	167.93	191			

CL5) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.058966	0.63506	-0.092851	0.92612
cond_char_0.5	0.36813	1.1988	0.30709	0.75912
cond_char_0.75	0.40393	1.5213	0.26552	0.79091
cond_char_1.0	-0.34839	1.8561	-0.1877	0.85132
mean_GaitCycleDur	0.27767	0.26437	1.0503	0.29495

<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.14764	0.67408	-0.21903	0.82687
<code>cond_char_0.75:mean_GaitCycleDur</code>	-0.13947	1.0618	-0.13136	0.89564
<code>cond_char_1.0:mean_GaitCycleDur</code>	0.62306	1.5086	0.41301	0.68008

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 1.03

R-squared: 0.0107, Adjusted R-Squared: -0.0269

F-statistic vs. constant model: 0.285, p-value = 0.959

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.22311	3	0.074368	0.069552	0.97611
<code>mean_GaitCycleDur</code>	0.60188	1	0.60188	0.5629	0.45405
<code>cond_char:mean_GaitCycleDur</code>	0.26527	3	0.088424	0.082697	0.96939
<code>Error</code>	196.74	184	1.0692		
<code>Total</code>	198.88	191			

CL5) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.2586	0.72641	1.7326	0.084846
<code>cond_char_0.5</code>	-0.92298	1.3712	-0.67311	0.50172
<code>cond_char_0.75</code>	0.62123	1.7401	0.357	0.7215
<code>cond_char_1.0</code>	-0.76353	2.1231	-0.35964	0.71953
<code>mean_GaitCycleDur</code>	0.045203	0.3024	0.14948	0.88134
<code>cond_char_0.5:mean_GaitCycleDur</code>	0.55314	0.77104	0.71739	0.47404
<code>cond_char_0.75:mean_GaitCycleDur</code>	-0.50773	1.2145	-0.41806	0.67639
<code>cond_char_1.0:mean_GaitCycleDur</code>	0.60027	1.7256	0.34786	0.72834

Number of observations: 192, Error degrees of freedom: 184

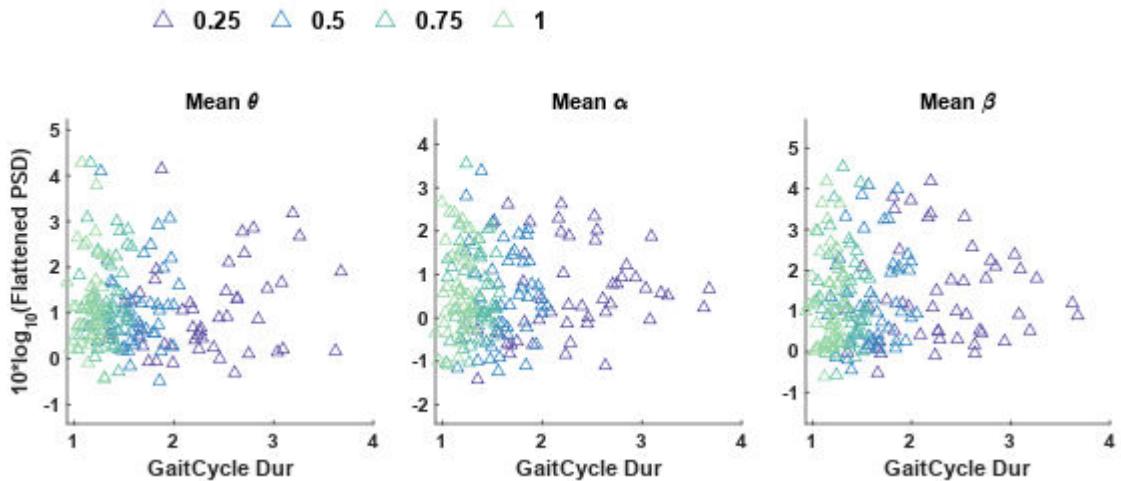
Root Mean Squared Error: 1.18

R-squared: 0.00706, Adjusted R-Squared: -0.0307

F-statistic vs. constant model: 0.187, p-value = 0.988

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.1353	3	0.37842	0.2705	0.84662
<code>mean_GaitCycleDur</code>	0.19645	1	0.19645	0.14043	0.70829
<code>cond_char:mean_GaitCycleDur</code>	1.1977	3	0.39924	0.28538	0.83592
<code>Error</code>	257.41	184	1.399		
<code>Total</code>	259.24	191			

## CL5: Frontal\_Sup\_L



CL5) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_PeakUpDownVel\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.1365	0.52635	4.0591	7.2769e-05
cond_char_0.5	-1.0683	0.89853	-1.1889	0.236
cond_char_0.75	-0.6494	0.95615	-0.67919	0.49787
cond_char_1.0	-0.71998	0.95418	-0.75456	0.45148
mean_PeakUpDownVel_mean	-9.6773	4.4829	-2.1587	0.032169
cond_char_0.5:mean_PeakUpDownVel_mean	9.8331	5.7361	1.7143	0.088167
cond_char_0.75:mean_PeakUpDownVel_mean	8.6824	5.2327	1.6593	0.098768
cond_char_1.0:mean_PeakUpDownVel_mean	9.2668	4.8845	1.8972	0.059372

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 0.939

R-squared: 0.0332, Adjusted R-Squared: -0.00355

F-statistic vs. constant model: 0.904, p-value = 0.505

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.4295	3	0.47649	0.54004	0.65545
mean_PeakUpDownVel_mean	2.397	1	2.397	2.7167	0.10101
cond_char:mean_PeakUpDownVel_mean	3.4229	3	1.141	1.2932	0.27817
Error	162.35	184	0.88231		
Total	167.93	191			

CL5) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_PeakUpDownVel\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.2057	0.57592	2.0935	0.037675
cond_char_0.5	-1.7262	0.98315	-1.7558	0.080787
cond_char_0.75	-1.4452	1.0462	-1.3814	0.16882
cond_char_1.0	-0.63924	1.044	-0.61228	0.54111
mean_PeakUpDownVel_mean	-5.4326	4.9051	-1.1075	0.26951

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	10.637	6.2763	1.6948	0.091805
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	8.0718	5.7255	1.4098	0.16029
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	5.6304	5.3446	1.0535	0.2935

Number of observations: 192, Error degrees of freedom: 184

Root Mean Squared Error: 1.03

R-squared: 0.0227, Adjusted R-Squared: -0.0145

F-statistic vs. constant model: 0.61, p-value = 0.747

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.0631	3	1.3544	1.2821	0.2819
<code>mean_PeakUpDownVel_mean</code>	0.13664	1	0.13664	0.12936	0.71951
<code>cond_char:mean_PeakUpDownVel_mean</code>	3.5103	3	1.1701	1.1077	0.34731
<code>Error</code>	194.37	184	1.0563		
<code>Total</code>	198.88	191			

CL5) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.1068	0.66023	3.1911	0.0016668
<code>cond_char_0.5</code>	-1.5908	1.1271	-1.4115	0.15979
<code>cond_char_0.75</code>	-1.219	1.1993	-1.0164	0.31078
<code>cond_char_1.0</code>	-1.2897	1.1969	-1.0776	0.28263
<code>mean_PeakUpDownVel_mean</code>	-6.5468	5.6231	-1.1643	0.24583
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	10.498	7.195	1.4591	0.14625
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	7.8293	6.5636	1.1928	0.23447
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	7.6179	6.1269	1.2434	0.21532

Number of observations: 192, Error degrees of freedom: 184

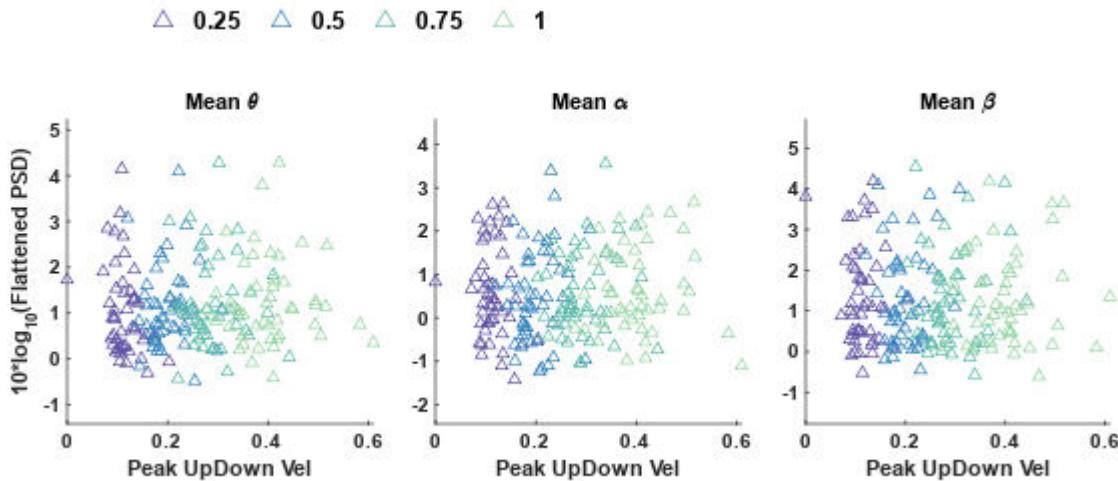
Root Mean Squared Error: 1.18

R-squared: 0.0147, Adjusted R-Squared: -0.0228

F-statistic vs. constant model: 0.392, p-value = 0.906

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.6558	3	1.2186	0.87782	0.45367
<code>mean_PeakUpDownVel_mean</code>	0.0011736	1	0.0011736	0.00084543	0.97684
<code>cond_char:mean_PeakUpDownVel_mean</code>	3.0988	3	1.0329	0.74407	0.52708
<code>Error</code>	255.43	184	1.3882		
<code>Total</code>	259.24	191			

### CL5: Frontal\_Sup\_L



CL6) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.28814	0.26137	1.1024	0.27129
cond_char_0.5	0.14854	0.42051	0.35325	0.72419
cond_char_0.75	0.53074	0.42486	1.2492	0.21269
cond_char_1.0	0.4061	0.38077	1.0665	0.28716
mean_APexc_COV	0.0006427	0.010816	0.059419	0.95266
cond_char_0.5:mean_APexc_COV	-0.0060508	0.018816	-0.32158	0.74802
cond_char_0.75:mean_APexc_COV	-0.023105	0.019539	-1.1825	0.23805
cond_char_1.0:mean_APexc_COV	-0.015898	0.017223	-0.92309	0.3568

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 0.731

R-squared: 0.015, Adjusted R-Squared: -0.0111

F-statistic vs. constant model: 0.575, p-value = 0.776

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.0844	3	0.36147	0.67667	0.56701
mean_APexc_COV	1.2075	1	1.2075	2.2605	0.1339
cond_char:mean_APexc_COV	0.93225	3	0.31075	0.58173	0.62748
Error	141.03	264	0.53419		
Total	143.17	271			

CL6) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	4.4071	0.84852	5.1939	4.1201e-07
cond_char_0.5	0.67097	1.3651	0.4915	0.62348
cond_char_0.75	-0.037766	1.3793	-0.027381	0.97818
cond_char_1.0	-0.41239	1.2361	-0.33361	0.73894
mean_APexc_COV	-0.046743	0.035114	-1.3312	0.18428

<code>cond_char_0.5:mean_APexc_COV</code>	-0.050073	0.061083	-0.81977	0.41309
<code>cond_char_0.75:mean_APexc_COV</code>	-0.023551	0.063431	-0.37129	0.71072
<code>cond_char_1.0:mean_APexc_COV</code>	-0.0067101	0.055912	-0.12001	0.90457

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 2.37

R-squared: 0.0365, Adjusted R-Squared: 0.0109

F-statistic vs. constant model: 1.43, p-value = 0.194

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.4053	3	1.1351	0.20162	0.89521
<code>mean_APexc_COV</code>	47.806	1	47.806	8.4914	0.0038739
<code>cond_char:mean_APexc_COV</code>	4.1507	3	1.3836	0.24576	0.86432
<code>Error</code>	1486.3	264	5.6299		
<code>Total</code>	1542.5	271			

CL6) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_APexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.57	0.52894	4.8589	2.0265e-06
<code>cond_char_0.5</code>	-0.31757	0.85099	-0.37318	0.70931
<code>cond_char_0.75</code>	-0.87767	0.85978	-1.0208	0.30828
<code>cond_char_1.0</code>	-0.15912	0.77056	-0.20651	0.83655
<code>mean_APexc_COV</code>	0.0052571	0.021889	0.24017	0.81038
<code>cond_char_0.5:mean_APexc_COV</code>	0.011543	0.038077	0.30314	0.76202
<code>cond_char_0.75:mean_APexc_COV</code>	0.036093	0.03954	0.91282	0.36217
<code>cond_char_1.0:mean_APexc_COV</code>	-0.0068805	0.034854	-0.19741	0.84366

Number of observations: 272, Error degrees of freedom: 264

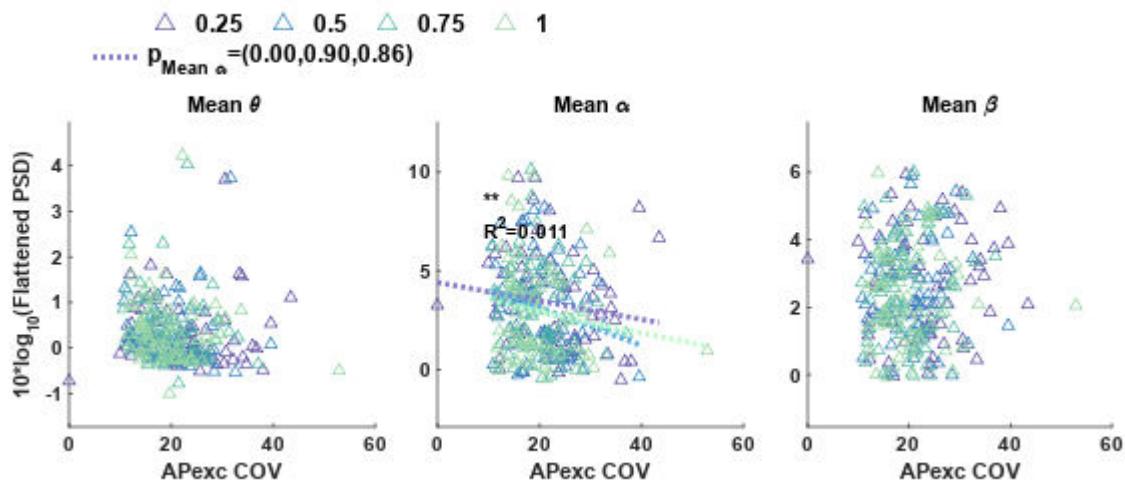
Root Mean Squared Error: 1.48

R-squared: 0.0133, Adjusted R-Squared: -0.0129

F-statistic vs. constant model: 0.508, p-value = 0.828

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.4226	3	0.80754	0.36913	0.77534
<code>mean_APexc_COV</code>	2.5539	1	2.5539	1.1674	0.28092
<code>cond_char:mean_APexc_COV</code>	2.5493	3	0.84977	0.38844	0.76142
<code>Error</code>	577.54	264	2.1877		
<code>Total</code>	585.32	271			

## CL6: Precuneus\_R



CL6) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.021916	0.26056	-0.084111	0.93303
cond_char_0.5	0.4089	0.43101	0.94869	0.34365
cond_char_0.75	0.54243	0.5061	1.0718	0.2848
cond_char_1.0	0.43404	0.52303	0.82986	0.40737
mean_APexc_mean	5.3684	4.0501	1.3255	0.18615
cond_char_0.5:mean_APexc_mean	-6.6151	7.8256	-0.84531	0.3987
cond_char_0.75:mean_APexc_mean	-8.9338	11.033	-0.80972	0.41883
cond_char_1.0:mean_APexc_mean	-5.8067	12.506	-0.46433	0.64279

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 0.733

R-squared: 0.00977, Adjusted R-Squared: -0.0165

F-statistic vs. constant model: 0.372, p-value = 0.918

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.94159	3	0.31386	0.58444	0.62569
mean_APexc_mean	2.4472e-05	1	2.4472e-05	4.5568e-05	0.99462
cond_char:mean_APexc_mean	0.65732	3	0.21911	0.408	0.74738
Error	141.78	264	0.53703		
Total	143.17	271			

CL6) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.3564	0.84789	2.7791	0.0058425
cond_char_0.5	0.30822	1.4025	0.21976	0.82623
cond_char_0.75	0.043937	1.6469	0.026679	0.97874
cond_char_1.0	-2.3816	1.702	-1.3993	0.16289
mean_APexc_mean	16.339	13.179	1.2397	0.21617

<code>cond_char_0.5:mean_APexc_mean</code>	-7.8923	25.465	-0.30993	0.75686
<code>cond_char_0.75:mean_APexc_mean</code>	-2.4759	35.903	-0.068961	0.94507
<code>cond_char_1.0:mean_APexc_mean</code>	62.778	40.694	1.5427	0.12411

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 2.38

R-squared: 0.0268, Adjusted R-Squared: 0.000949

F-statistic vs. constant model: 1.04, p-value = 0.406

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	14.023	3	4.6742	0.82196	0.48273
<code>mean_APexc_mean</code>	24.296	1	24.296	4.2725	0.039709
<code>cond_char:mean_APexc_mean</code>	15.563	3	5.1878	0.91228	0.43551
<code>Error</code>	1501.3	264	5.6866		
<code>Total</code>	1542.5	271			

CL6) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_APexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.8426	0.5248	5.4165	1.3682e-07
<code>cond_char_0.5</code>	0.12751	0.86811	0.14688	0.88334
<code>cond_char_0.75</code>	1.0567	1.0193	1.0366	0.30086
<code>cond_char_1.0</code>	-0.38489	1.0535	-0.36536	0.71514
<code>mean_APexc_mean</code>	-2.5304	8.1575	-0.3102	0.75666
<code>cond_char_0.5:mean_APexc_mean</code>	-4.969	15.762	-0.31526	0.75282
<code>cond_char_0.75:mean_APexc_mean</code>	-30.966	22.222	-1.3935	0.16465
<code>cond_char_1.0:mean_APexc_mean</code>	0.44056	25.188	0.017491	0.98606

Number of observations: 272, Error degrees of freedom: 264

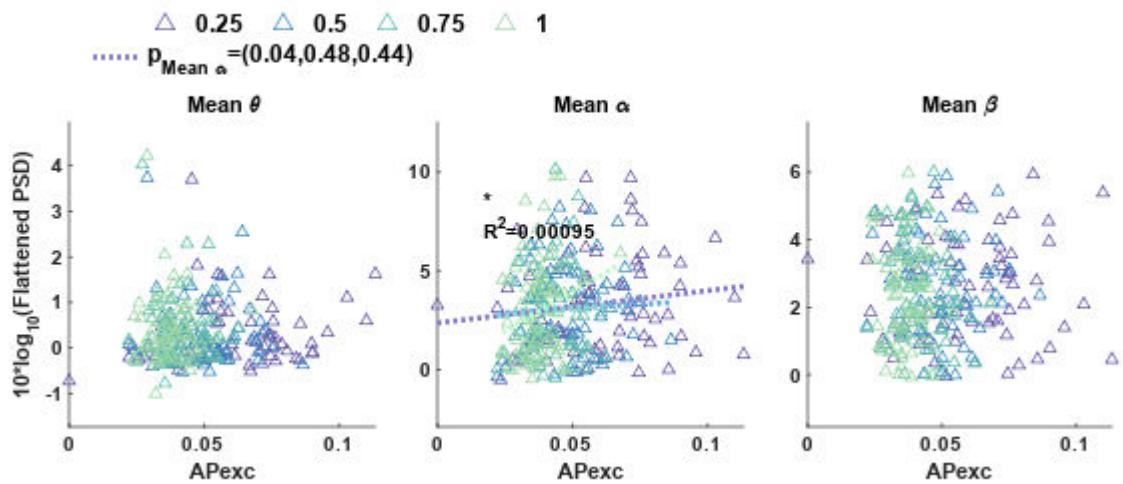
Root Mean Squared Error: 1.48

R-squared: 0.0174, Adjusted R-Squared: -0.00867

F-statistic vs. constant model: 0.667, p-value = 0.7

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.272	3	1.0907	0.50064	0.68216
<code>mean_APexc_mean</code>	3.6452	1	3.6452	1.6732	0.19696
<code>cond_char:mean_APexc_mean</code>	4.3182	3	1.4394	0.66071	0.57689
<code>Error</code>	575.14	264	2.1786		
<code>Total</code>	585.32	271			

### CL6: Precuneus\_R



CL6) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.33475	0.22653	1.4777	0.14067
cond_char_0.5	-0.35768	0.34217	-1.0453	0.29682
cond_char_0.75	-0.24046	0.3835	-0.62702	0.53119
cond_char_1.0	-0.11603	0.44249	-0.26221	0.79336
mean_MLexc_COV	-0.0026315	0.017141	-0.15352	0.87811
cond_char_0.5:mean_MLexc_COV	0.030578	0.025824	1.1841	0.23745
cond_char_0.75:mean_MLexc_COV	0.022244	0.027003	0.82378	0.41081
cond_char_1.0:mean_MLexc_COV	0.013436	0.028344	0.47405	0.63586

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 0.731

R-squared: 0.0146, Adjusted R-Squared: -0.0115

F-statistic vs. constant model: 0.561, p-value = 0.788

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.62558	3	0.20853	0.39022	0.76014
mean_MLexc_COV	1.0298	1	1.0298	1.9271	0.16624
cond_char:mean_MLexc_COV	0.82285	3	0.27428	0.51327	0.67347
Error	141.08	264	0.53438		
Total	143.17	271			

CL6) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	4.898	0.73779	6.6387	1.7917e-10
cond_char_0.5	-0.97639	1.1144	-0.87614	0.38175
cond_char_0.75	-1.5833	1.249	-1.2676	0.20604
cond_char_1.0	-1.1555	1.4412	-0.80174	0.42342
mean_MLexc_COV	-0.12774	0.055828	-2.2881	0.022925

<code>cond_char_0.5:mean_MLexc_COV</code>	0.060421	0.084108	0.71837	0.47316
<code>cond_char_0.75:mean_MLexc_COV</code>	0.10376	0.087946	1.1798	0.23913
<code>cond_char_1.0:mean_MLexc_COV</code>	0.079248	0.092315	0.85845	0.39142

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 2.38

R-squared: 0.0298, Adjusted R-Squared: 0.00411

F-statistic vs. constant model: 1.16, p-value = 0.326

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	10.757	3	3.5855	0.63252	0.59462
<code>mean_MLexc_COV</code>	23.728	1	23.728	4.186	0.041751
<code>cond_char:mean_MLexc_COV</code>	9.0703	3	3.0234	0.53336	0.65978
<code>Error</code>	1496.5	264	5.6686		
<code>Total</code>	1542.5	271			

CL6) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.8066	0.4586	6.12	3.3669e-09
<code>cond_char_0.5</code>	0.10241	0.6927	0.14783	0.88259
<code>cond_char_0.75</code>	0.084555	0.77637	0.10891	0.91336
<code>cond_char_1.0</code>	0.22005	0.89581	0.24564	0.80615
<code>mean_MLexc_COV</code>	-0.0096263	0.034702	-0.2774	0.78169
<code>cond_char_0.5:mean_MLexc_COV</code>	-0.015285	0.05228	-0.29237	0.77023
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.016973	0.054666	-0.31049	0.75644
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.029918	0.057381	-0.52139	0.60253

Number of observations: 272, Error degrees of freedom: 264

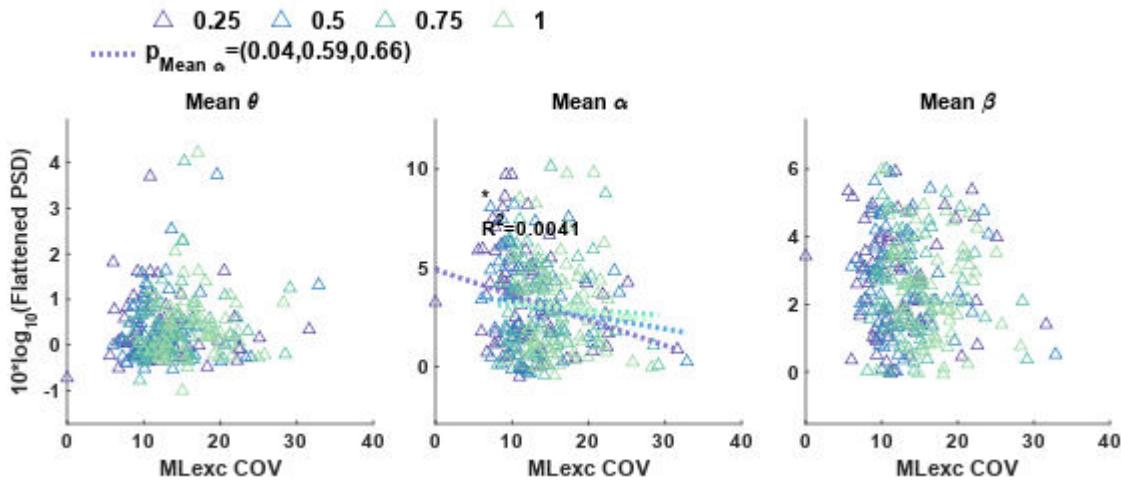
Root Mean Squared Error: 1.48

R-squared: 0.0122, Adjusted R-Squared: -0.014

F-statistic vs. constant model: 0.465, p-value = 0.86

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.14297	3	0.047657	0.02176	0.99564
<code>mean_MLexc_COV</code>	3.3609	1	3.3609	1.5346	0.21653
<code>cond_char:mean_MLexc_COV</code>	0.63348	3	0.21116	0.096414	0.96197
<code>Error</code>	578.2	264	2.1901		
<code>Total</code>	585.32	271			

## CL6: Precuneus\_R



CL6) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.33876	0.30452	-1.1124	0.26696
cond_char_0.5	0.62504	0.44673	1.3991	0.16294
cond_char_0.75	0.83035	0.49023	1.6938	0.091484
cond_char_1.0	1.1145	0.51723	2.1547	0.032092
mean_MLexc_mean	5.3575	2.4341	2.201	0.0286
cond_char_0.5:mean_MLexc_mean	-4.9517	4.0834	-1.2126	0.22635
cond_char_0.75:mean_MLexc_mean	-6.9882	5.688	-1.2286	0.22032
cond_char_1.0:mean_MLexc_mean	-11.91	7.4543	-1.5977	0.11131

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 0.727

R-squared: 0.0241, Adjusted R-Squared: -0.00175

F-statistic vs. constant model: 0.932, p-value = 0.482

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.0007	3	1.0002	1.8899	0.13161
mean_MLexc_mean	0.033408	1	0.033408	0.063123	0.80182
cond_char:mean_MLexc_mean	2.1563	3	0.71876	1.3581	0.25603
Error	139.72	264	0.52924		
Total	143.17	271			

CL6) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.5069	1.0069	2.4898	0.013396
cond_char_0.5	0.36524	1.4771	0.24728	0.80489
cond_char_0.75	1.2091	1.6209	0.74593	0.45637
cond_char_1.0	1.1785	1.7101	0.6891	0.49136
mean_MLexc_mean	6.9951	8.048	0.86917	0.38554

<code>cond_char_0.5:mean_MLexc_mean</code>	-4.7993	13.501	-0.35548	0.72252
<code>cond_char_0.75:mean_MLexc_mean</code>	-17.197	18.806	-0.91441	0.36134
<code>cond_char_1.0:mean_MLexc_mean</code>	-19.699	24.647	-0.79925	0.42486

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 2.41

R-squared: 0.00979, Adjusted R-Squared: -0.0165

F-statistic vs. constant model: 0.373, p-value = 0.918

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.6464	3	1.5488	0.26769	0.84866
<code>mean_MLexc_mean</code>	1.0733	1	1.0733	0.18551	0.66703
<code>cond_char:mean_MLexc_mean</code>	7.4995	3	2.4998	0.43207	0.73021
<code>Error</code>	1527.4	264	5.7857		
<code>Total</code>	1542.5	271			

CL6) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.0556	0.61876	4.9383	1.3996e-06
<code>cond_char_0.5</code>	-0.14727	0.90772	-0.16224	0.87124
<code>cond_char_0.75</code>	0.35872	0.99612	0.36011	0.71905
<code>cond_char_1.0</code>	-0.28989	1.051	-0.27583	0.78289
<code>mean_MLexc_mean</code>	-3.0571	4.9459	-0.61811	0.53704
<code>cond_char_0.5:mean_MLexc_mean</code>	-0.1688	8.2971	-0.020345	0.98378
<code>cond_char_0.75:mean_MLexc_mean</code>	-9.3319	11.558	-0.80744	0.42014
<code>cond_char_1.0:mean_MLexc_mean</code>	-3.6076	15.147	-0.23818	0.81192

Number of observations: 272, Error degrees of freedom: 264

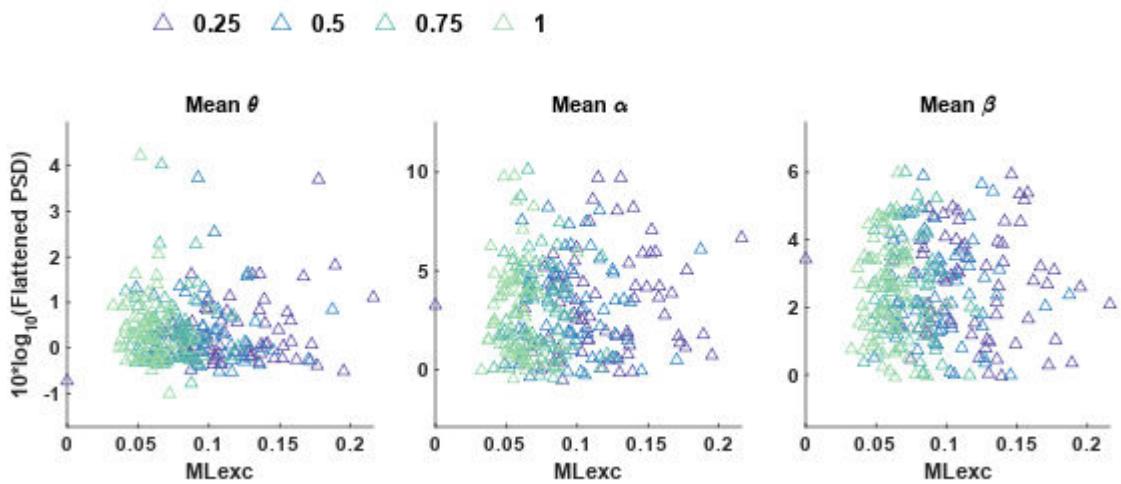
Root Mean Squared Error: 1.48

R-squared: 0.0144, Adjusted R-Squared: -0.0117

F-statistic vs. constant model: 0.552, p-value = 0.794

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.81733	3	0.27244	0.12468	0.94546
<code>mean_MLexc_mean</code>	3.6633	1	3.6633	1.6765	0.19652
<code>cond_char:mean_MLexc_mean</code>	1.5616	3	0.52052	0.23821	0.86967
<code>Error</code>	576.87	264	2.1851		
<code>Total</code>	585.32	271			

## CL6: Precuneus\_R



CL6) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

`theta_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.11131	0.36727	-0.30307	0.76208
cond_char_0.5	0.0057468	0.69839	0.0082287	0.99344
cond_char_0.75	-0.3574	0.8902	-0.40149	0.68839
cond_char_1.0	-0.42072	1.0382	-0.40523	0.68564
mean_StepDur	0.36693	0.31587	1.1617	0.24643
cond_char_0.5:mean_StepDur	0.17242	0.80035	0.21543	0.8296
cond_char_0.75:mean_StepDur	0.91316	1.2659	0.72133	0.47134
cond_char_1.0:mean_StepDur	1.2302	1.6946	0.72595	0.46851

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 0.73

R-squared: 0.0171, Adjusted R-Squared: -0.00896

F-statistic vs. constant model: 0.656, p-value = 0.709

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.16428	3	0.054761	0.10273	0.9584
mean_StepDur	1.5524	1	1.5524	2.9123	0.089083
cond_char:mean_StepDur	0.5385	3	0.1795	0.33674	0.79878
Error	140.73	264	0.53305		
Total	143.17	271			

CL6) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

`alpha_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.98267	1.1821	0.8313	0.40655
cond_char_0.5	-0.7336	2.2478	-0.32636	0.74441
cond_char_0.75	-1.1677	2.8652	-0.40755	0.68394
cond_char_1.0	-5.7631	3.3416	-1.7247	0.08576
mean_StepDur	2.093	1.0166	2.0587	0.040501

<code>cond_char_0.5:mean_StepDur</code>	1.4549	2.576	0.56479	0.57269
<code>cond_char_0.75:mean_StepDur</code>	2.7113	4.0745	0.66544	0.50635
<code>cond_char_1.0:mean_StepDur</code>	11.213	5.4542	2.0559	0.040773

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 2.35

R-squared: 0.0549, Adjusted R-Squared: 0.0299

F-statistic vs. constant model: 2.19, p-value = 0.0353

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	16.565	3	5.5218	0.99997	0.39338
<code>mean_StepDur</code>	61.179	1	61.179	11.079	0.00099726
<code>cond_char:mean_StepDur</code>	25.861	3	8.6202	1.5611	0.19922
<code>Error</code>	1457.8	264	5.522		
<code>Total</code>	1542.5	271			

CL6) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.0501	0.73878	4.1286	4.8987e-05
<code>cond_char_0.5</code>	0.68209	1.4048	0.48554	0.6277
<code>cond_char_0.75</code>	2.8724	1.7907	1.6041	0.10989
<code>cond_char_1.0</code>	0.039257	2.0884	0.018798	0.98502
<code>mean_StepDur</code>	-0.31955	0.63537	-0.50293	0.61543
<code>cond_char_0.5:mean_StepDur</code>	-1.0996	1.6099	-0.68304	0.49518
<code>cond_char_0.75:mean_StepDur</code>	-4.8655	2.5465	-1.9107	0.057128
<code>cond_char_1.0:mean_StepDur</code>	-0.90325	3.4087	-0.26498	0.79123

Number of observations: 272, Error degrees of freedom: 264

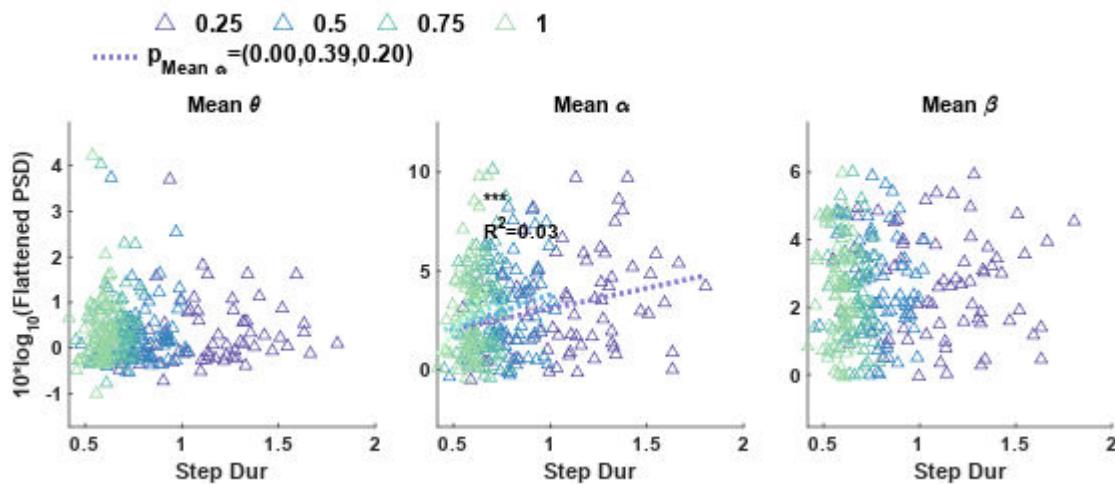
Root Mean Squared Error: 1.47

R-squared: 0.0272, Adjusted R-Squared: 0.00139

F-statistic vs. constant model: 1.05, p-value = 0.394

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.7202	3	1.9067	0.88404	0.44985
<code>mean_StepDur</code>	7.1973	1	7.1973	3.337	0.068869
<code>cond_char:mean_StepDur</code>	8.4511	3	2.817	1.3061	0.27283
<code>Error</code>	569.41	264	2.1569		
<code>Total</code>	585.32	271			

## CL6: Precuneus\_R



CL6) Variable: mean\_UDexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.303	0.34731	0.87243	0.38377
cond_char_0.5	-0.015746	0.56261	-0.027988	0.97769
cond_char_0.75	0.26379	0.50397	0.52344	0.60111
cond_char_1.0	0.33877	0.47332	0.71574	0.47478
mean_UDexc_COV	-1.2393e-05	0.016701	-0.00074202	0.99941
cond_char_0.5:mean_UDexc_COV	0.0026702	0.034631	0.077106	0.9386
cond_char_0.75:mean_UDexc_COV	-0.018219	0.037266	-0.48888	0.62533
cond_char_1.0:mean_UDexc_COV	-0.029469	0.040607	-0.72571	0.46866

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 0.734

R-squared: 0.00614, Adjusted R-Squared: -0.0202

F-statistic vs. constant model: 0.233, p-value = 0.977

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.40808	3	0.13603	0.25237	0.85961
mean_UDexc_COV	0.29755	1	0.29755	0.55204	0.45815
cond_char:mean_UDexc_COV	0.40213	3	0.13404	0.24869	0.86224
Error	142.3	264	0.539		
Total	143.17	271			

CL6) Variable: mean\_UDexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	5.4153	1.1046	4.9024	1.6555e-06
cond_char_0.5	-1.1542	1.7894	-0.64502	0.51948
cond_char_0.75	-0.60683	1.6029	-0.37858	0.7053
cond_char_1.0	0.72224	1.5054	0.47976	0.6318
mean_UDexc_COV	-0.10302	0.053119	-1.9395	0.053507

<b>cond_char_0.5:mean_UDexc_COV</b>	0.020583	0.11015	0.18687	0.85191
<b>cond_char_0.75:mean_UDexc_COV</b>	-0.069543	0.11853	-0.58672	0.55789
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.27898	0.12915	-2.16	0.031669

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 2.34

R-squared: 0.0668, Adjusted R-Squared: 0.0421

F-statistic vs. constant model: 2.7, p-value = 0.0102

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	7.6617	3	2.5539	0.46839	0.70458
<b>mean_UDexc_COV</b>	80.231	1	80.231	14.714	0.00015654
<b>cond_char:mean_UDexc_COV</b>	28.129	3	9.3762	1.7196	0.16331
<b>Error</b>	1439.5	264	5.4526		
<b>Total</b>	1542.5	271			

CL6) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.4832	0.69581	3.5688	0.00042585
<b>cond_char_0.5</b>	0.23133	1.1272	0.20523	0.83755
<b>cond_char_0.75</b>	-0.12056	1.0097	-0.11941	0.90504
<b>cond_char_1.0</b>	1.2444	0.94827	1.3123	0.19056
<b>mean_UDexc_COV</b>	0.010265	0.03346	0.30678	0.75926
<b>cond_char_0.5:mean_UDexc_COV</b>	-0.018373	0.069381	-0.26482	0.79136
<b>cond_char_0.75:mean_UDexc_COV</b>	0.0038971	0.074662	0.052196	0.95841
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.1718	0.081355	-2.1117	0.035653

Number of observations: 272, Error degrees of freedom: 264

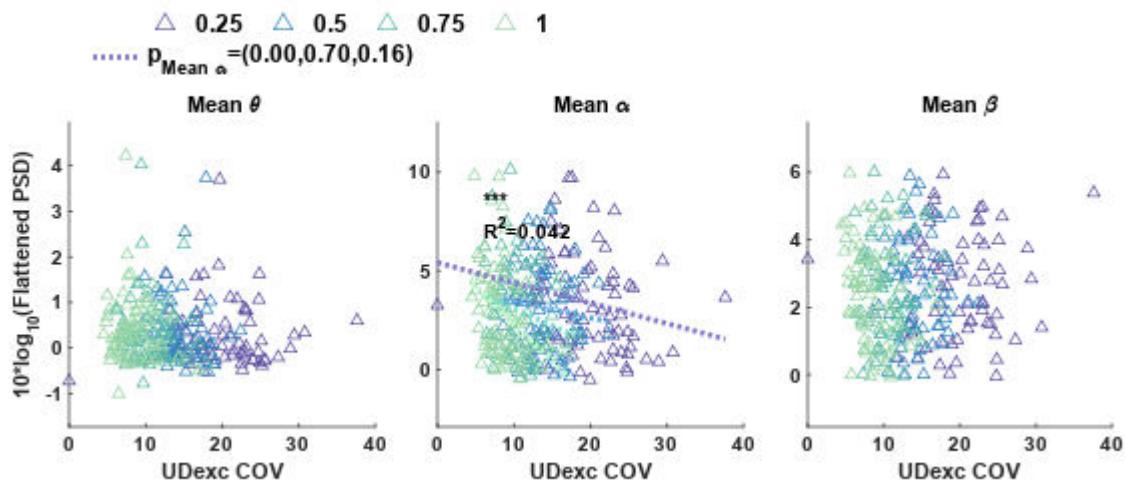
Root Mean Squared Error: 1.47

R-squared: 0.0242, Adjusted R-Squared: -0.00168

F-statistic vs. constant model: 0.935, p-value = 0.48

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	5.6051	3	1.8684	0.86359	0.46048
<b>mean_UDexc_COV</b>	3.0893	1	3.0893	1.4279	0.23318
<b>cond_char:mean_UDexc_COV</b>	10.096	3	3.3653	1.5555	0.2006
<b>Error</b>	571.16	264	2.1635		
<b>Total</b>	585.32	271			

### CL6: Precuneus\_R



CL6) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.017321	0.30406	0.056965	0.95462
cond_char_0.5	0.68043	0.48978	1.3892	0.16593
cond_char_0.75	0.53075	0.53465	0.9927	0.32176
cond_char_1.0	0.31688	0.55073	0.57537	0.56553
mean_UDexc_mean	18.987	19.344	0.98154	0.32722
cond_char_0.5:mean_UDexc_mean	-37.233	26.627	-1.3983	0.16318
cond_char_0.75:mean_UDexc_mean	-25.358	24.896	-1.0186	0.30934
cond_char_1.0:mean_UDexc_mean	-17.281	23.036	-0.75018	0.45382

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 0.733

R-squared: 0.0106, Adjusted R-Squared: -0.0156

F-statistic vs. constant model: 0.405, p-value = 0.899

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1903	3	0.39676	0.73944	0.52935
mean_UDexc_mean	0.0074335	1	0.0074335	0.013854	0.90639
cond_char:mean_UDexc_mean	1.1374	3	0.37914	0.70661	0.54881
Error	141.65	264	0.53657		
Total	143.17	271			

CL6) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	4.1667	0.99657	4.1811	3.9504e-05
cond_char_0.5	0.17153	1.6053	0.10685	0.91499
cond_char_0.75	-0.4565	1.7524	-0.26051	0.79467
cond_char_1.0	-2.1379	1.8051	-1.1844	0.23732
mean_UDexc_mean	-54.698	63.402	-0.86271	0.38908

<code>cond_char_0.5:mean_UDexc_mean</code>	-6.7893	87.27	-0.077797	0.93805
<code>cond_char_0.75:mean_UDexc_mean</code>	27.906	81.598	0.34199	0.73263
<code>cond_char_1.0:mean_UDexc_mean</code>	80.231	75.501	1.0626	0.28892

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 2.4

R-squared: 0.0135, Adjusted R-Squared: -0.0126

F-statistic vs. constant model: 0.516, p-value = 0.822

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	9.8098	3	3.2699	0.56731	0.63701
<code>mean_UDexc_mean</code>	6.6612	1	6.6612	1.1557	0.28335
<code>cond_char:mean_UDexc_mean</code>	11.624	3	3.8746	0.6722	0.56977
<code>Error</code>	1521.7	264	5.764		
<code>Total</code>	1542.5	271			

CL6) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_UDexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.4833	0.6074	5.7348	2.6652e-08
<code>cond_char_0.5</code>	0.016018	0.9784	0.016372	0.98695
<code>cond_char_0.75</code>	0.80232	1.068	0.75121	0.45319
<code>cond_char_1.0</code>	-0.77136	1.1002	-0.70114	0.48383
<code>mean_UDexc_mean</code>	-52.802	38.642	-1.3664	0.17296
<code>cond_char_0.5:mean_UDexc_mean</code>	8.6881	53.19	0.16334	0.87037
<code>cond_char_0.75:mean_UDexc_mean</code>	-11.69	49.733	-0.23506	0.81435
<code>cond_char_1.0:mean_UDexc_mean</code>	43.563	46.017	0.94667	0.34467

Number of observations: 272, Error degrees of freedom: 264

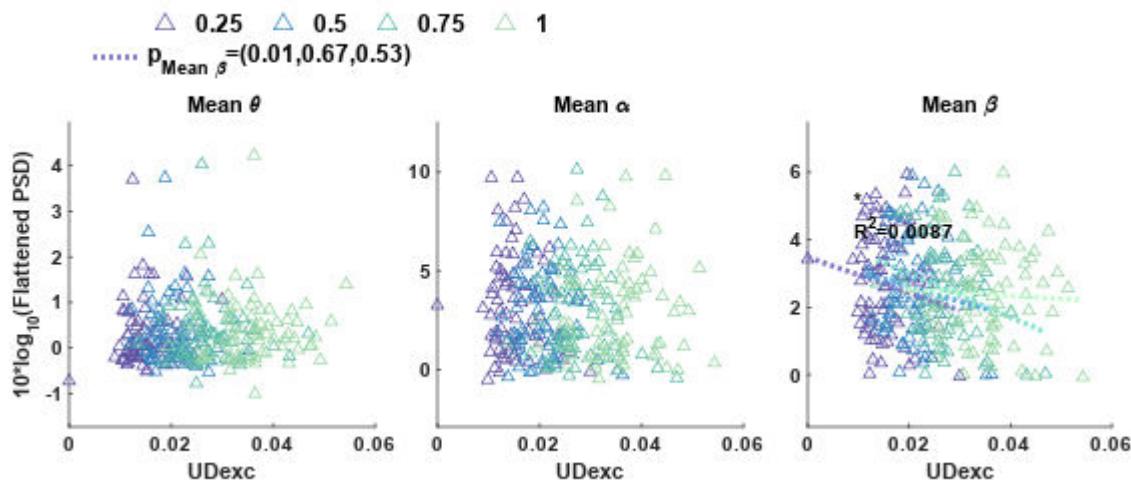
Root Mean Squared Error: 1.46

R-squared: 0.0343, Adjusted R-Squared: 0.00865

F-statistic vs. constant model: 1.34, p-value = 0.233

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.294	3	1.098	0.5128	0.6738
<code>mean_UDexc_mean</code>	14.064	1	14.064	6.5684	0.010936
<code>cond_char:mean_UDexc_mean</code>	4.7333	3	1.5778	0.73687	0.53085
<code>Error</code>	565.27	264	2.1412		
<code>Total</code>	585.32	271			

### CL6: Precuneus\_R



CL6) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.12116	0.34751	-0.34865	0.72763
cond_char_0.5	-0.037433	0.68289	-0.054816	0.95633
cond_char_0.75	-0.45688	0.90253	-0.50622	0.61312
cond_char_1.0	-0.57056	1.0621	-0.53721	0.59157
mean_StanceDur	0.25477	0.20198	1.2613	0.2083
cond_char_0.5:mean_StanceDur	0.1974	0.57949	0.34065	0.73364
cond_char_0.75:mean_StanceDur	0.87022	1.0003	0.86992	0.38514
cond_char_1.0:mean_StanceDur	1.2348	1.3843	0.89201	0.3732

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 0.729

R-squared: 0.0203, Adjusted R-Squared: -0.00563

F-statistic vs. constant model: 0.783, p-value = 0.602

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.26431	3	0.088105	0.16583	0.91934
mean_StanceDur	1.8483	1	1.8483	3.4789	0.063267
cond_char:mean_StanceDur	0.8313	3	0.2771	0.52156	0.66781
Error	140.26	264	0.53129		
Total	143.17	271			

CL6) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.0924	1.1213	0.97427	0.33081
cond_char_0.5	-0.97295	2.2034	-0.44156	0.65917
cond_char_0.75	-1.1149	2.9121	-0.38286	0.70213
cond_char_1.0	-5.7753	3.4269	-1.6853	0.093117
mean_StanceDur	1.3535	0.65171	2.0768	0.038787

<code>cond_char_0.5:mean_StanceDur</code>	1.4161	1.8698	0.75734	0.44952
<code>cond_char_0.75:mean_StanceDur</code>	2.1911	3.2277	0.67884	0.49784
<code>cond_char_1.0:mean_StanceDur</code>	9.1009	4.4667	2.0375	0.042599

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 2.35

R-squared: 0.0533, Adjusted R-Squared: 0.0282

F-statistic vs. constant model: 2.12, p-value = 0.0414

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	15.974	3	5.3245	0.96262	0.41089
<code>mean_StanceDur</code>	55.018	1	55.018	9.9467	0.0017977
<code>cond_char:mean_StanceDur</code>	27.163	3	9.0543	1.6369	0.1812
<code>Error</code>	1460.3	264	5.5313		
<code>Total</code>	1542.5	271			

CL6) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StanceDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.0231	0.70014	4.3178	2.2315e-05
<code>cond_char_0.5</code>	0.52043	1.3759	0.37826	0.70554
<code>cond_char_0.75</code>	3.1179	1.8184	1.7147	0.087575
<code>cond_char_1.0</code>	0.099916	2.1398	0.046694	0.96279
<code>mean_StanceDur</code>	-0.20045	0.40694	-0.49257	0.62272
<code>cond_char_0.5:mean_StanceDur</code>	-0.68257	1.1675	-0.58463	0.5593
<code>cond_char_0.75:mean_StanceDur</code>	-4.091	2.0154	-2.0298	0.043379
<code>cond_char_1.0:mean_StanceDur</code>	-0.81856	2.7891	-0.29349	0.76938

Number of observations: 272, Error degrees of freedom: 264

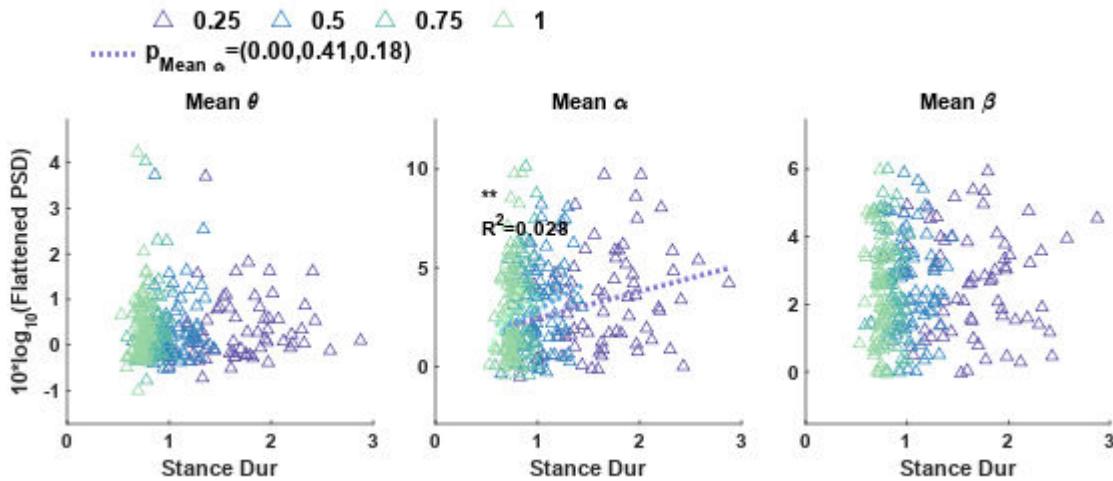
Root Mean Squared Error: 1.47

R-squared: 0.0273, Adjusted R-Squared: 0.00149

F-statistic vs. constant model: 1.06, p-value = 0.391

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	6.4139	3	2.138	0.99134	0.39737
<code>mean_StanceDur</code>	6.849	1	6.849	3.1758	0.075887
<code>cond_char:mean_StanceDur</code>	9.4058	3	3.1353	1.4538	0.22759
<code>Error</code>	569.35	264	2.1566		
<code>Total</code>	585.32	271			

## CL6: Precuneus\_R



CL6) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.11183	0.36691	-0.30479	0.76077
cond_char_0.5	0.0080007	0.69751	0.01147	0.99086
cond_char_0.75	-0.37351	0.89212	-0.41868	0.67579
cond_char_1.0	-0.42343	1.0357	-0.40885	0.68298
mean_GaitCycleDur	0.18347	0.15758	1.1643	0.24535
cond_char_0.5:mean_GaitCycleDur	0.08501	0.39943	0.21283	0.83163
cond_char_0.75:mean_GaitCycleDur	0.46913	0.63448	0.73939	0.46033
cond_char_1.0:mean_GaitCycleDur	0.61781	0.84497	0.73117	0.46533

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 0.73

R-squared: 0.0173, Adjusted R-Squared: -0.00876

F-statistic vs. constant model: 0.664, p-value = 0.703

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.17346	3	0.057821	0.10849	0.95509
mean_GaitCycleDur	1.5784	1	1.5784	2.9616	0.086433
cond_char:mean_GaitCycleDur	0.55537	3	0.18512	0.34735	0.7911
Error	140.7	264	0.53295		
Total	143.17	271			

CL6) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.98939	1.1808	0.83787	0.40286
cond_char_0.5	-0.74871	2.2448	-0.33353	0.739
cond_char_0.75	-1.2175	2.8711	-0.42404	0.67188
cond_char_1.0	-5.7872	3.3331	-1.7363	0.08368
mean_GaitCycleDur	1.0422	0.50713	2.0552	0.040846

<code>cond_char_0.5:mean_GaitCycleDur</code>	0.73624	1.2855	0.57273	0.56732
<code>cond_char_0.75:mean_GaitCycleDur</code>	1.3923	2.042	0.68187	0.49592
<code>cond_char_1.0:mean_GaitCycleDur</code>	5.6254	2.7194	2.0687	0.039552

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 2.35

R-squared: 0.0553, Adjusted R-Squared: 0.0302

F-statistic vs. constant model: 2.21, p-value = 0.0341

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	16.809	3	5.6031	1.015	0.3865
<code>mean_GaitCycleDur</code>	61.775	1	61.775	11.191	0.0009412
<code>cond_char:mean_GaitCycleDur</code>	26.268	3	8.7559	1.5862	0.19306
<code>Error</code>	1457.3	264	5.52		
<code>Total</code>	1542.5	271			

CL6) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.0382	0.73815	4.116	5.1585e-05
<code>cond_char_0.5</code>	0.68404	1.4033	0.48746	0.62633
<code>cond_char_0.75</code>	2.8937	1.7948	1.6123	0.10809
<code>cond_char_1.0</code>	0.074111	2.0836	0.035569	0.97165
<code>mean_GaitCycleDur</code>	-0.15431	0.31702	-0.48674	0.62684
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.54877	0.80358	-0.68291	0.49527
<code>cond_char_0.75:mean_GaitCycleDur</code>	-2.445	1.2765	-1.9155	0.056512
<code>cond_char_1.0:mean_GaitCycleDur</code>	-0.47679	1.6999	-0.28048	0.77933

Number of observations: 272, Error degrees of freedom: 264

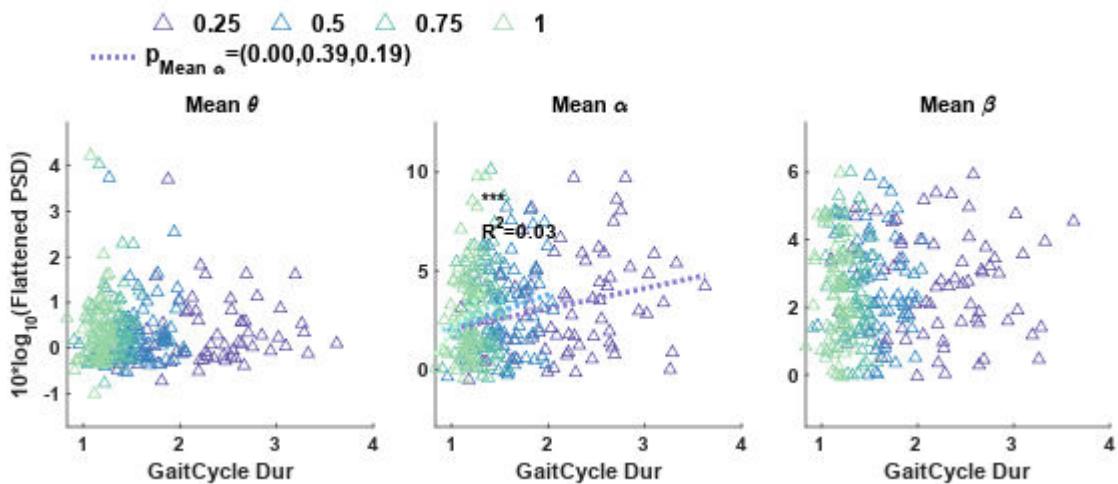
Root Mean Squared Error: 1.47

R-squared: 0.0271, Adjusted R-Squared: 0.00131

F-statistic vs. constant model: 1.05, p-value = 0.396

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.762	3	1.9207	0.89042	0.44658
<code>mean_GaitCycleDur</code>	7.2615	1	7.2615	3.3664	0.067663
<code>cond_char:mean_GaitCycleDur</code>	8.5021	3	2.834	1.3139	0.27025
<code>Error</code>	569.46	264	2.157		
<code>Total</code>	585.32	271			

### CL6: Precuneus\_R



CL6) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_PeakUpDownVel\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.075139	0.30732	0.2445	0.80704
cond_char_0.5	0.45142	0.51725	0.87272	0.38361
cond_char_0.75	0.45098	0.55981	0.8056	0.4212
cond_char_1.0	0.42337	0.57058	0.742	0.45874
mean_PeakUpDownVel_mean	1.9297	2.4938	0.7738	0.43974
cond_char_0.5:mean_PeakUpDownVel_mean	-2.9219	3.1986	-0.91349	0.36182
cond_char_0.75:mean_PeakUpDownVel_mean	-2.4499	2.9417	-0.83281	0.4057
cond_char_1.0:mean_PeakUpDownVel_mean	-2.1826	2.7511	-0.79337	0.42828

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 0.734

R-squared: 0.00636, Adjusted R-Squared: -0.02

F-statistic vs. constant model: 0.242, p-value = 0.975

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.65167	3	0.21722	0.40311	0.75088
mean_PeakUpDownVel_mean	0.001039	1	0.001039	0.0019281	0.96501
cond_char:mean_PeakUpDownVel_mean	0.50088	3	0.16696	0.30983	0.81827
Error	142.26	264	0.53888		
Total	143.17	271			

CL6) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_PeakUpDownVel\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	4.9257	0.99589	4.946	1.3497e-06
cond_char_0.5	0.69143	1.6762	0.4125	0.68031
cond_char_0.75	-0.55654	1.8141	-0.30679	0.75925
cond_char_1.0	-1.5555	1.849	-0.84125	0.40097
mean_PeakUpDownVel_mean	-13.405	8.0812	-1.6588	0.09834

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	0.91572	10.365	0.088346	0.92967
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	8.6661	9.5327	0.90909	0.36413
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	12.368	8.9149	1.3874	0.1665

Number of observations: 272, Error degrees of freedom: 264

Root Mean Squared Error: 2.38

R-squared: 0.0315, Adjusted R-Squared: 0.00583

F-statistic vs. constant model: 1.23, p-value = 0.288

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	7.2976	3	2.4325	0.42987	0.73177
<code>mean_PeakUpDownVel_mean</code>	38.566	1	38.566	6.8152	0.009555
<code>cond_char:mean_PeakUpDownVel_mean</code>	19.933	3	6.6442	1.1741	0.32002
<code>Error</code>	1493.9	264	5.6588		
<code>Total</code>	1542.5	271			

CL6) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
<code>(Intercept)</code>	3.5894	0.61066	5.878	1.2493e-08
<code>cond_char_0.5</code>	0.39923	1.0278	0.38844	0.69801
<code>cond_char_0.75</code>	0.7089	1.1124	0.6373	0.52448
<code>cond_char_1.0</code>	-0.71892	1.1338	-0.6341	0.52656
<code>mean_PeakUpDownVel_mean</code>	-7.6292	4.9552	-1.5396	0.12485
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	0.77871	6.3557	0.12252	0.90258
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	1.5655	5.8452	0.26783	0.78904
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	6.421	5.4664	1.1746	0.2412

Number of observations: 272, Error degrees of freedom: 264

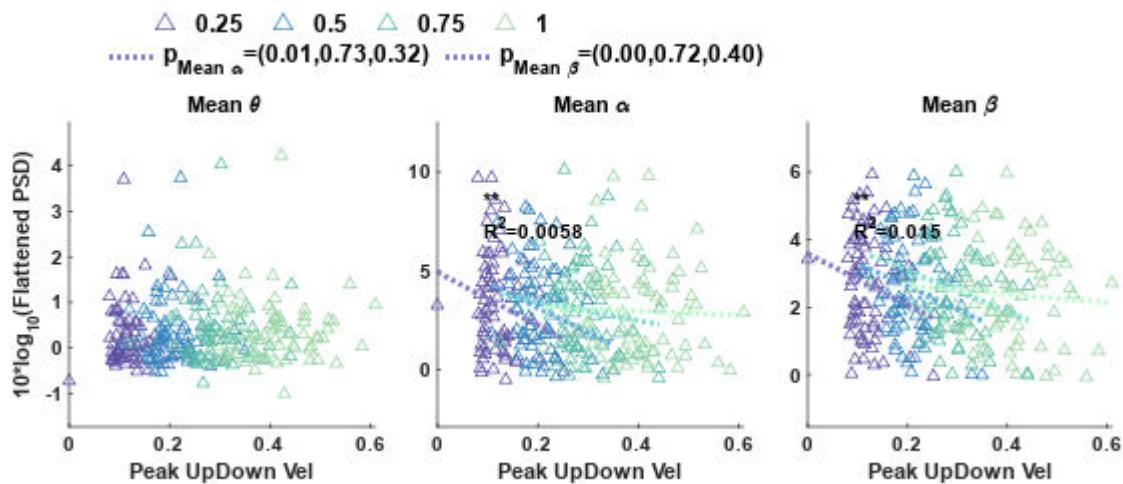
Root Mean Squared Error: 1.46

R-squared: 0.0404, Adjusted R-Squared: 0.0149

F-statistic vs. constant model: 1.59, p-value = 0.14

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.8118	3	0.93727	0.44052	0.72421
<code>mean_PeakUpDownVel_mean</code>	18.192	1	18.192	8.5501	0.0037549
<code>cond_char:mean_PeakUpDownVel_mean</code>	6.2859	3	2.0953	0.98481	0.40041
<code>Error</code>	561.7	264	2.1276		
<code>Total</code>	585.32	271			

### CL6: Precuneus\_R



CL7) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.048488	0.30078	0.16121	0.87238
cond_char_0.5	-0.0068398	0.49471	-0.013826	0.98901
cond_char_0.75	0.46412	0.51308	0.90457	0.36871
cond_char_1.0	0.35382	0.40929	0.86449	0.39019
mean_APexc_COV	0.01817	0.012321	1.4748	0.14464
cond_char_0.5:mean_APexc_COV	-0.0021828	0.021891	-0.099712	0.92085
cond_char_0.75:mean_APexc_COV	-0.019925	0.022358	-0.89119	0.3758
cond_char_1.0:mean_APexc_COV	-0.010659	0.017303	-0.616	0.53984

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.503

R-squared: 0.0614, Adjusted R-Squared: -0.0299

F-statistic vs. constant model: 0.672, p-value = 0.695

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.36239	3	0.1208	0.47677	0.69944
mean_APexc_COV	0.41402	1	0.41402	1.6341	0.20524
cond_char:mean_APexc_COV	0.24431	3	0.081436	0.32142	0.80985
Error	18.242	72	0.25337		
Total	19.435	79			

CL7) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.1498	0.58992	1.9491	0.055177
cond_char_0.5	-0.56539	0.97026	-0.58272	0.5619
cond_char_0.75	-0.77829	1.0063	-0.77342	0.44181
cond_char_1.0	-0.59283	0.80273	-0.73853	0.4626
mean_APexc_COV	0.011719	0.024165	0.48498	0.62916

<code>cond_char_0.5:mean_APexc_COV</code>	0.0095636	0.042935	0.22274	0.82436
<code>cond_char_0.75:mean_APexc_COV</code>	0.020781	0.043851	0.47391	0.637
<code>cond_char_1.0:mean_APexc_COV</code>	0.0074769	0.033937	0.22032	0.82625

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.987

R-squared: 0.0599, Adjusted R-Squared: -0.0315

F-statistic vs. constant model: 0.656, p-value = 0.708

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.81255	3	0.27085	0.27791	0.84116
<code>mean_APexc_COV</code>	1.8644	1	1.8644	1.913	0.17091
<code>cond_char:mean_APexc_COV</code>	0.22523	3	0.075076	0.077032	0.97221
<code>Error</code>	70.172	72	0.97461		
<code>Total</code>	74.646	79			

CL7) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_APexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.060939	0.20793	0.29308	0.77031
<code>cond_char_0.5</code>	0.33407	0.34198	0.97687	0.33191
<code>cond_char_0.75</code>	0.19713	0.35468	0.55579	0.58008
<code>cond_char_1.0</code>	-0.014201	0.28293	-0.050191	0.96011
<code>mean_APexc_COV</code>	0.0068068	0.0085172	0.79919	0.42681
<code>cond_char_0.5:mean_APexc_COV</code>	-0.017282	0.015133	-1.142	0.25725
<code>cond_char_0.75:mean_APexc_COV</code>	-0.014606	0.015456	-0.94501	0.34782
<code>cond_char_1.0:mean_APexc_COV</code>	-0.0027122	0.011962	-0.22674	0.82127

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.348

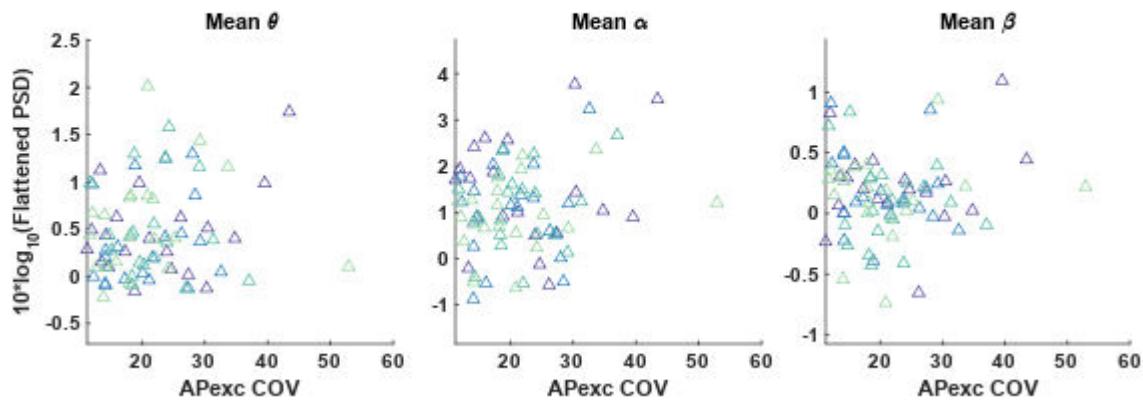
R-squared: 0.0449, Adjusted R-Squared: -0.0479

F-statistic vs. constant model: 0.484, p-value = 0.843

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.17291	3	0.057638	0.47604	0.69994
<code>mean_APexc_COV</code>	0.014125	1	0.014125	0.11666	0.73368
<code>cond_char:mean_APexc_COV</code>	0.23094	3	0.076981	0.6358	0.59437
<code>Error</code>	8.7175	72	0.12108		
<code>Total</code>	9.1274	79			

### CL7: Frontal\_Med\_Orb\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL7) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.20059	0.33945	0.59094	0.55641
cond_char_0.5	0.52701	0.54404	0.96869	0.33594
cond_char_0.75	0.72782	0.65042	1.119	0.26685
cond_char_1.0	-0.17439	0.64642	-0.26978	0.7881
mean_APexc_mean	4.0084	4.9503	0.80973	0.42077
cond_char_0.5:mean_APexc_mean	-10.841	9.3433	-1.1604	0.24974
cond_char_0.75:mean_APexc_mean	-14.585	13.603	-1.0722	0.28723
cond_char_1.0:mean_APexc_mean	9.503	14.52	0.65448	0.51489

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.504

R-squared: 0.058, Adjusted R-Squared: -0.0336

F-statistic vs. constant model: 0.633, p-value = 0.727

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.5829	3	0.1943	0.76412	0.51787
mean_APexc_mean	7.1455e-06	1	7.1455e-06	2.8101e-05	0.99579
cond_char:mean_APexc_mean	0.76809	3	0.25603	1.0069	0.39482
Error	18.308	72	0.25428		
Total	19.435	79			

CL7) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.84795	0.66493	1.2753	0.20632
cond_char_0.5	0.717	1.0657	0.6728	0.50323
cond_char_0.75	0.93176	1.2741	0.73132	0.46696
cond_char_1.0	-0.40217	1.2663	-0.3176	0.75171
mean_APexc_mean	8.7696	9.697	0.90436	0.36882

<code>cond_char_0.5:mean_APexc_mean</code>	-19.168	18.302	-1.0473	0.29846
<code>cond_char_0.75:mean_APexc_mean</code>	-25.356	26.647	-0.95156	0.34451
<code>cond_char_1.0:mean_APexc_mean</code>	4.2125	28.443	0.14811	0.88267

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.988

R-squared: 0.0589, Adjusted R-Squared: -0.0326

F-statistic vs. constant model: 0.643, p-value = 0.719

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.1833	3	0.39443	0.40425	0.75038
<code>mean_APexc_mean</code>	0.016039	1	0.016039	0.016438	0.89834
<code>cond_char:mean_APexc_mean</code>	1.808	3	0.60267	0.61767	0.6058
<code>Error</code>	70.251	72	0.97571		
<code>Total</code>	74.646	79			

CL7) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_APexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.071726	0.23389	0.30666	0.75999
<code>cond_char_0.5</code>	-0.13829	0.37486	-0.36892	0.71327
<code>cond_char_0.75</code>	-0.31584	0.44816	-0.70474	0.48325
<code>cond_char_1.0</code>	-0.1013	0.44541	-0.22743	0.82073
<code>mean_APexc_mean</code>	2.2158	3.411	0.64961	0.51801
<code>cond_char_0.5:mean_APexc_mean</code>	2.4961	6.4379	0.38771	0.69937
<code>cond_char_0.75:mean_APexc_mean</code>	5.5957	9.3731	0.597	0.55238
<code>cond_char_1.0:mean_APexc_mean</code>	1.8866	10.005	0.18857	0.85096

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.347

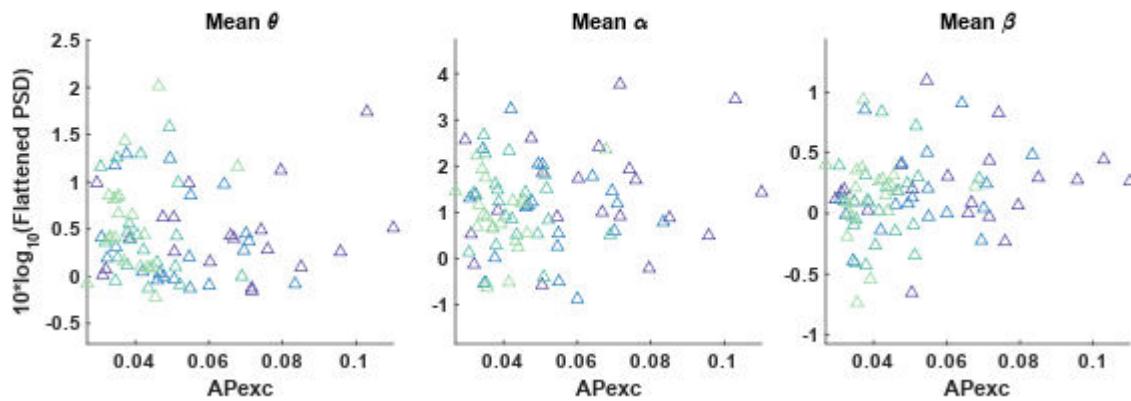
R-squared: 0.0477, Adjusted R-Squared: -0.0449

F-statistic vs. constant model: 0.515, p-value = 0.821

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.062587	3	0.020862	0.17281	0.91445
<code>mean_APexc_mean</code>	0.20792	1	0.20792	1.7223	0.19357
<code>cond_char:mean_APexc_mean</code>	0.052965	3	0.017655	0.14624	0.93178
<code>Error</code>	8.6923	72	0.12073		
<code>Total</code>	9.1274	79			

## CL7: Frontal\_Med\_Orb\_L

$\triangle$  0.25    $\triangle$  0.5    $\triangle$  0.75    $\triangle$  1



CL7) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.4538	0.24208	1.8746	0.064905
cond_char_0.5	0.52132	0.46021	1.1328	0.26106
cond_char_0.75	1.0595	0.49921	2.1224	0.037247
cond_char_1.0	0.44505	0.54387	0.8183	0.41588
mean_MLexc_COV	0.00049023	0.017572	0.027899	0.97782
cond_char_0.5:mean_MLexc_COV	-0.048755	0.034939	-1.3954	0.16718
cond_char_0.75:mean_MLexc_COV	-0.070005	0.033321	-2.1009	0.039151
cond_char_1.0:mean_MLexc_COV	-0.021624	0.03437	-0.62913	0.53125

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.485

R-squared: 0.128, Adjusted R-Squared: 0.0431

F-statistic vs. constant model: 1.51, p-value = 0.178

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.164	3	0.38802	1.6483	0.18583
mean_MLexc_COV	1.5581	1	1.5581	6.6189	0.012151
cond_char:mean_MLexc_COV	1.2198	3	0.40661	1.7273	0.16902
Error	16.949	72	0.2354		
Total	19.435	79			

CL7) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.5328	0.48789	3.1418	0.0024376
cond_char_0.5	0.38026	0.9275	0.40998	0.68304
cond_char_0.75	0.52548	1.0061	0.52229	0.60307
cond_char_1.0	0.20979	1.0961	0.19139	0.84876
mean_MLexc_COV	-0.0095556	0.035414	-0.26983	0.78807

<code>cond_char_0.5:mean_MLexc_COV</code>	-0.0616	0.070417	-0.87479	0.3846
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.056704	0.067156	-0.84437	0.40126
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.039266	0.06927	-0.56686	0.57257

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.978

R-squared: 0.0777, Adjusted R-Squared: -0.0119

F-statistic vs. constant model: 0.867, p-value = 0.537

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.33985	3	0.11328	0.11848	0.94897
<code>mean_MLexc_COV</code>	3.1173	1	3.1173	3.2602	0.075161
<code>cond_char:mean_MLexc_COV</code>	1.1644	3	0.38814	0.40593	0.74918
<code>Error</code>	68.844	72	0.95617		
<code>Total</code>	74.646	79			

CL7) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.2294	0.17249	1.3299	0.18774
<code>cond_char_0.5</code>	-0.27847	0.32791	-0.84923	0.39857
<code>cond_char_0.75</code>	-0.57423	0.3557	-1.6144	0.11083
<code>cond_char_1.0</code>	0.0085428	0.38753	0.022045	0.98247
<code>mean_MLexc_COV</code>	-0.0011663	0.012521	-0.093149	0.92604
<code>cond_char_0.5:mean_MLexc_COV</code>	0.019336	0.024895	0.77668	0.43989
<code>cond_char_0.75:mean_MLexc_COV</code>	0.030331	0.023743	1.2775	0.20554
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.0054096	0.02449	-0.22089	0.8258

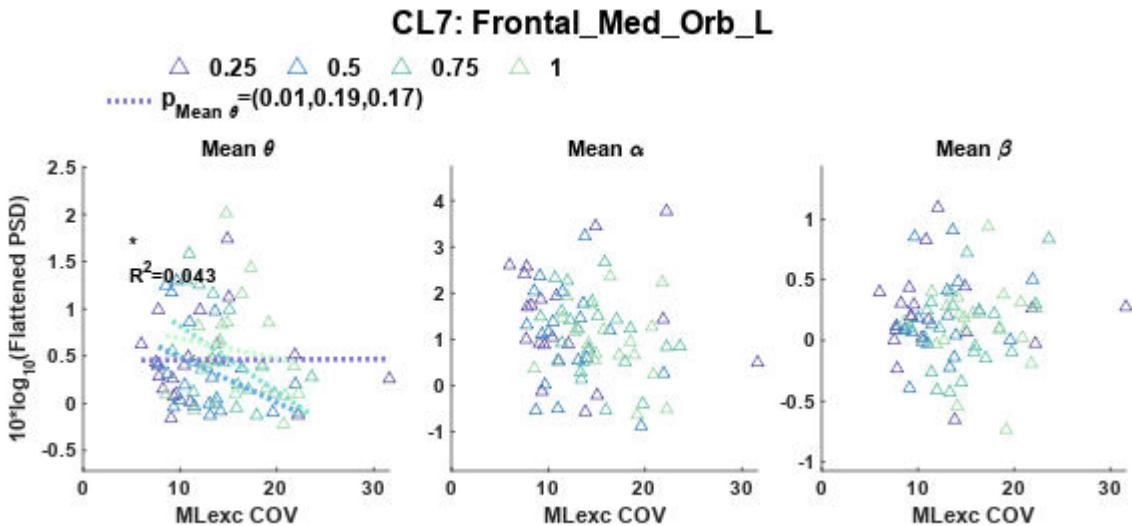
Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.346

R-squared: 0.0572, Adjusted R-Squared: -0.0344

F-statistic vs. constant model: 0.624, p-value = 0.734

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.36277	3	0.12092	1.0118	0.39262
<code>mean_MLexc_COV</code>	0.12747	1	0.12747	1.0665	0.30519
<code>cond_char:mean_MLexc_COV</code>	0.27689	3	0.092296	0.77226	0.51329
<code>Error</code>	8.6051	72	0.11952		
<code>Total</code>	9.1274	79			



CL7) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.17083	0.31733	-0.53834	0.592
cond_char_0.5	-0.34493	0.47088	-0.73251	0.46623
cond_char_0.75	-0.71343	0.48739	-1.4638	0.14761
cond_char_1.0	-0.46389	0.49763	-0.9322	0.35435
mean_MLexc_mean	5.0627	2.4332	2.0807	0.041018
cond_char_0.5:mean_MLexc_mean	3.6749	4.0913	0.89824	0.37205
cond_char_0.75:mean_MLexc_mean	13.447	5.4461	2.469	0.015923
cond_char_1.0:mean_MLexc_mean	14.358	6.5165	2.2033	0.030772

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.42

R-squared: 0.346, Adjusted R-Squared: 0.282

F-statistic vs. constant model: 5.44, p-value = 4.84e-05

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.40072	3	0.13357	0.75664	0.52212
mean_MLexc_mean	6.1334	1	6.1334	34.743	1.1164e-07
cond_char:mean_MLexc_mean	1.6604	3	0.55346	3.1351	0.030649
Error	12.711	72	0.17654		
Total	19.435	79			

CL7) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.010075	0.70213	-0.01435	0.98859
cond_char_0.5	-0.22422	1.0419	-0.21521	0.83021
cond_char_0.75	-0.024288	1.0784	-0.022522	0.98209
cond_char_1.0	-0.23286	1.1011	-0.21149	0.83311
mean_MLexc_mean	11.441	5.3836	2.1251	0.037007

<code>cond_char_0.5:mean_MLexc_mean</code>	0.94404	9.0524	0.10429	0.91723
<code>cond_char_0.75:mean_MLexc_mean</code>	3.5785	12.05	0.29697	0.76734
<code>cond_char_1.0:mean_MLexc_mean</code>	8.0923	14.418	0.56125	0.57637

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.93

R-squared: 0.166, Adjusted R-Squared: 0.0853

F-statistic vs. constant model: 2.05, p-value = 0.0599

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.067834	3	0.022611	0.026163	0.99423
<code>mean_MLexc_mean</code>	7.8112	1	7.8112	9.0381	0.0036386
<code>cond_char:mean_MLexc_mean</code>	0.31348	3	0.10449	0.1209	0.94751
<code>Error</code>	62.226	72	0.86425		
<code>Total</code>	74.646	79			

CL7) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.064101	0.26203	-0.24463	0.80744
<code>cond_char_0.5</code>	0.40752	0.38882	1.0481	0.2981
<code>cond_char_0.75</code>	0.21453	0.40245	0.53305	0.59564
<code>cond_char_1.0</code>	-0.066487	0.41091	-0.16181	0.87191
<code>mean_MLexc_mean</code>	2.2408	2.0091	1.1153	0.26843
<code>cond_char_0.5:mean_MLexc_mean</code>	-3.873	3.3783	-1.1465	0.2554
<code>cond_char_0.75:mean_MLexc_mean</code>	-3.0527	4.497	-0.67883	0.49942
<code>cond_char_1.0:mean_MLexc_mean</code>	2.0347	5.3808	0.37813	0.70644

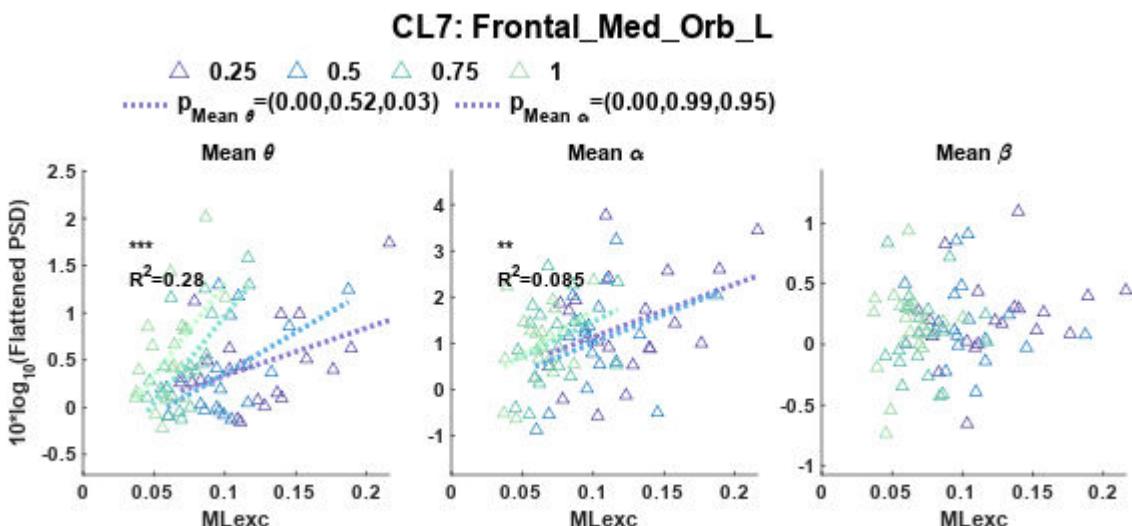
Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.347

R-squared: 0.0505, Adjusted R-Squared: -0.0418

F-statistic vs. constant model: 0.547, p-value = 0.796

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.19713	3	0.065709	0.54591	0.65249
<code>mean_MLexc_mean</code>	0.038005	1	0.038005	0.31574	0.57592
<code>cond_char:mean_MLexc_mean</code>	0.23499	3	0.078331	0.65077	0.58504
<code>Error</code>	8.6664	72	0.12037		
<code>Total</code>	9.1274	79			



CL7) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.38734	0.45678	0.84796	0.39927
cond_char_0.5	0.80592	0.93623	0.86082	0.39219
cond_char_0.75	0.66684	1.1482	0.58075	0.56322
cond_char_1.0	0.40902	1.455	0.28112	0.77942
mean_StepDur	0.061344	0.37422	0.16392	0.87025
cond_char_0.5:mean_StepDur	-1.0682	1.0628	-1.0051	0.31819
cond_char_0.75:mean_StepDur	-0.94215	1.636	-0.57589	0.56648
cond_char_1.0:mean_StepDur	-0.4687	2.3938	-0.19579	0.84532

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.51

R-squared: 0.0363, Adjusted R-Squared: -0.0574

F-statistic vs. constant model: 0.388, p-value = 0.907

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.24218	3	0.080725	0.31032	0.81785
mean_StepDur	0.14022	1	0.14022	0.53903	0.46522
cond_char:mean_StepDur	0.33102	3	0.11034	0.42417	0.73624
Error	18.729	72	0.26013		
Total	19.435	79			

CL7) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.3232	0.87983	2.6405	0.010146
cond_char_0.5	-0.37993	1.8033	-0.21069	0.83373
cond_char_0.75	0.82632	2.2117	0.37362	0.70979
cond_char_1.0	-0.12661	2.8025	-0.045179	0.96409
mean_StepDur	-0.76822	0.7208	-1.0658	0.29008

<b>cond_char_0.5:mean_StepDur</b>	-0.35796	2.047	-0.17487	0.86167
<b>cond_char_0.75:mean_StepDur</b>	-2.3962	3.1511	-0.76043	0.44948
<b>cond_char_1.0:mean_StepDur</b>	-1.3591	4.6109	-0.29476	0.76902

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.982

R-squared: 0.0691, Adjusted R-Squared: -0.0214

F-statistic vs. constant model: 0.764, p-value = 0.619

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	0.21805	3	0.072683	0.075313	0.97309
<b>mean_StepDur</b>	1.4513	1	1.4513	1.5038	0.22409
<b>cond_char:mean_StepDur</b>	0.63691	3	0.2123	0.21998	0.88222
<b>Error</b>	69.486	72	0.96508		
<b>Total</b>	74.646	79			

CL7) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_StepDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.19118	0.31162	0.61349	0.54149
<b>cond_char_0.5</b>	-0.60526	0.6387	-0.94763	0.34649
<b>cond_char_0.75</b>	-0.69535	0.78334	-0.88768	0.37767
<b>cond_char_1.0</b>	-0.35868	0.9926	-0.36135	0.7189
<b>mean_StepDur</b>	0.020186	0.2553	0.07907	0.9372
<b>cond_char_0.5:mean_StepDur</b>	0.70659	0.72503	0.97456	0.33304
<b>cond_char_0.75:mean_StepDur</b>	0.8846	1.1161	0.79259	0.43062
<b>cond_char_1.0:mean_StepDur</b>	0.49462	1.6331	0.30287	0.76286

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.348

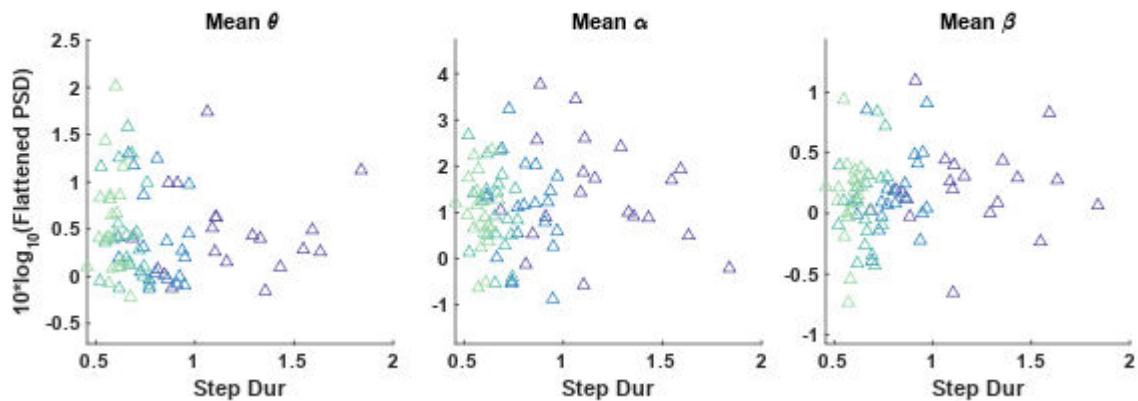
R-squared: 0.045, Adjusted R-Squared: -0.0479

F-statistic vs. constant model: 0.484, p-value = 0.843

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	0.17372	3	0.057906	0.47829	0.69839
<b>mean_StepDur</b>	0.13191	1	0.13191	1.0896	0.30006
<b>cond_char:mean_StepDur</b>	0.18337	3	0.061125	0.50488	0.68014
<b>Error</b>	8.7169	72	0.12107		
<b>Total</b>	9.1274	79			

## CL7: Frontal\_Med\_Orb\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL7) Variable: mean\_UDexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.41921	0.40852	1.0262	0.30825
cond_char_0.5	0.48248	0.74525	0.6474	0.51943
cond_char_0.75	-0.31723	0.62405	-0.50834	0.61277
cond_char_1.0	0.093877	0.55695	0.16855	0.86662
mean_UDexc_COV	0.0019921	0.019234	0.10357	0.9178
cond_char_0.5:mean_UDexc_COV	-0.038313	0.046365	-0.82633	0.41135
cond_char_0.75:mean_UDexc_COV	0.030798	0.044604	0.69047	0.49212
cond_char_1.0:mean_UDexc_COV	0.0032642	0.045441	0.071833	0.94293

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.51

R-squared: 0.0369, Adjusted R-Squared: -0.0567

F-statistic vs. constant model: 0.394, p-value = 0.903

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.28643	3	0.095475	0.36725	0.77684
mean_UDexc_COV	0.00065764	1	0.00065764	0.0025297	0.96003
cond_char:mean_UDexc_COV	0.36828	3	0.12276	0.47221	0.7026
Error	18.718	72	0.25997		
Total	19.435	79			

CL7) Variable: mean\_UDexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.429	0.77391	1.8464	0.068939
cond_char_0.5	-2.5184	1.4118	-1.7838	0.078675
cond_char_0.75	-1.3619	1.1822	-1.152	0.25314
cond_char_1.0	0.091971	1.0551	0.087168	0.93078
mean_UDexc_COV	-0.00067797	0.036438	-0.018606	0.98521

<b>cond_char_0.5:mean_UDexc_COV</b>	0.14638	0.087834	1.6665	0.099949
<b>cond_char_0.75:mean_UDexc_COV</b>	0.088722	0.084499	1.05	0.29724
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.063538	0.086085	-0.73809	0.46286

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.966

R-squared: 0.1, Adjusted R-Squared: 0.0126

F-statistic vs. constant model: 1.14, p-value = 0.346

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	4.5699	3	1.5233	1.6327	0.18933
<b>mean_UDexc_COV</b>	1.3565	1	1.3565	1.4539	0.23185
<b>cond_char:mean_UDexc_COV</b>	4.4367	3	1.4789	1.5851	0.20043
<b>Error</b>	67.175	72	0.93299		
<b>Total</b>	74.646	79			

CL7) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.36482	0.28047	1.3007	0.1975
<b>cond_char_0.5</b>	-0.21541	0.51166	-0.421	0.67501
<b>cond_char_0.75</b>	-0.14798	0.42845	-0.34538	0.73082
<b>cond_char_1.0</b>	-0.043044	0.38238	-0.11257	0.91069
<b>mean_UDexc_COV</b>	-0.0073442	0.013205	-0.55614	0.57984
<b>cond_char_0.5:mean_UDexc_COV</b>	0.0092561	0.031832	0.29078	0.77206
<b>cond_char_0.75:mean_UDexc_COV</b>	-0.0037368	0.030623	-0.12202	0.90322
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.014272	0.031198	-0.45746	0.64872

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.35

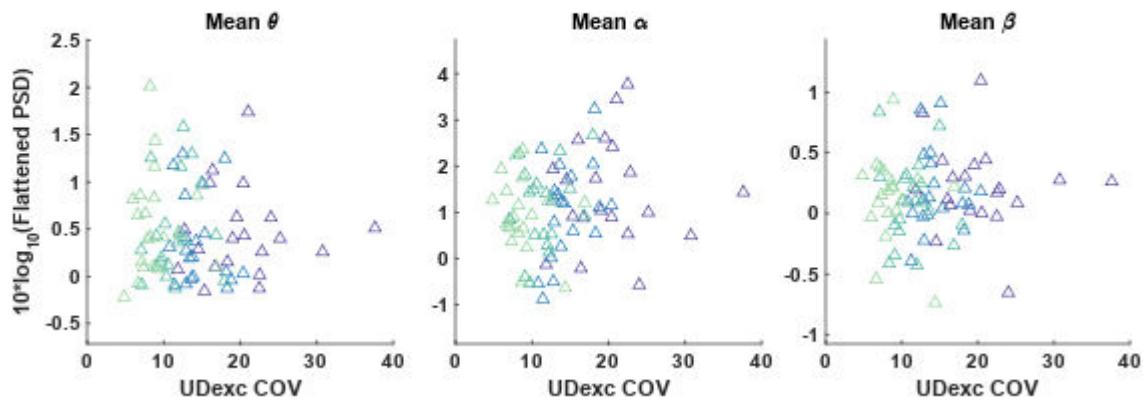
R-squared: 0.0334, Adjusted R-Squared: -0.0606

F-statistic vs. constant model: 0.355, p-value = 0.925

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	0.030025	3	0.010008	0.081672	0.96979
<b>mean_UDexc_COV</b>	0.069169	1	0.069169	0.56445	0.45492
<b>cond_char:mean_UDexc_COV</b>	0.044222	3	0.014741	0.12029	0.94788
<b>Error</b>	8.823	72	0.12254		
<b>Total</b>	9.1274	79			

### CL7: Frontal\_Med\_Orb\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL7) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.93003	0.42075	2.2104	0.030253
cond_char_0.5	-0.88801	0.59999	-1.48	0.14323
cond_char_0.75	-1.336	0.66178	-2.0188	0.047236
cond_char_1.0	-0.89463	0.70126	-1.2757	0.20615
mean_UDexc_mean	-29.884	25.8	-1.1583	0.25058
cond_char_0.5:mean_UDexc_mean	46.29	32.9	1.407	0.16373
cond_char_0.75:mean_UDexc_mean	63.594	32.091	1.9817	0.051334
cond_char_1.0:mean_UDexc_mean	45.184	30.394	1.4866	0.14148

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.495

R-squared: 0.0935, Adjusted R-Squared: 0.00534

F-statistic vs. constant model: 1.06, p-value = 0.398

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1331	3	0.37771	1.5436	0.21063
mean_UDexc_mean	0.18124	1	0.18124	0.74067	0.3923
cond_char:mean_UDexc_mean	0.97395	3	0.32465	1.3267	0.27239
Error	17.618	72	0.2447		
Total	19.435	79			

CL7) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.6548	0.84871	1.9498	0.055099
cond_char_0.5	-0.29814	1.2103	-0.24634	0.80612
cond_char_0.75	-0.17001	1.3349	-0.12735	0.89901
cond_char_1.0	-0.95356	1.4146	-0.67411	0.5024
mean_UDexc_mean	-15.231	52.044	-0.29266	0.77062

<code>cond_char_0.5:mean_UDexc_mean</code>	-1.0543	66.364	-0.015886	0.98737
<code>cond_char_0.75:mean_UDexc_mean</code>	-0.69602	64.733	-0.010752	0.99145
<code>cond_char_1.0:mean_UDexc_mean</code>	22.729	61.309	0.37072	0.71194

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.998

R-squared: 0.0396, Adjusted R-Squared: -0.0537

F-statistic vs. constant model: 0.424, p-value = 0.884

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.47214	3	0.15738	0.15806	0.92415
<code>mean_UDexc_mean</code>	0.22905	1	0.22905	0.23004	0.63295
<code>cond_char:mean_UDexc_mean</code>	0.32811	3	0.10937	0.10985	0.95409
<code>Error</code>	71.688	72	0.99567		
<code>Total</code>	74.646	79			

CL7) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_UDexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.047577	0.29273	-0.16253	0.87135
<code>cond_char_0.5</code>	0.26582	0.41745	0.63678	0.52629
<code>cond_char_0.75</code>	-0.32076	0.46043	-0.69665	0.48826
<code>cond_char_1.0</code>	-0.1923	0.4879	-0.39413	0.69465
<code>mean_UDexc_mean</code>	16.691	17.951	0.92982	0.35557
<code>cond_char_0.5:mean_UDexc_mean</code>	-18.719	22.89	-0.8178	0.41617
<code>cond_char_0.75:mean_UDexc_mean</code>	0.87966	22.328	0.039398	0.96868
<code>cond_char_1.0:mean_UDexc_mean</code>	-5.8205	21.147	-0.27524	0.78392

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.344

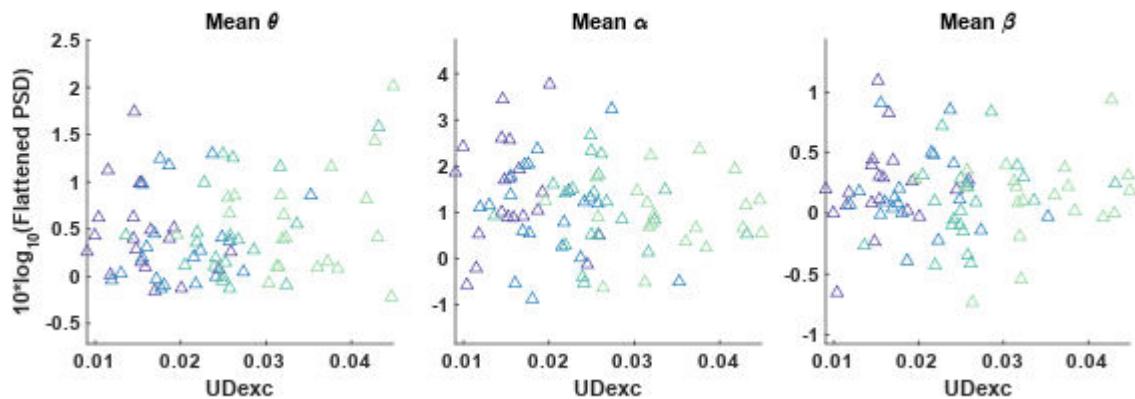
R-squared: 0.0656, Adjusted R-Squared: -0.0252

F-statistic vs. constant model: 0.722, p-value = 0.653

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.21772	3	0.072573	0.61268	0.60898
<code>mean_UDexc_mean</code>	0.26669	1	0.26669	2.2514	0.13786
<code>cond_char:mean_UDexc_mean</code>	0.13998	3	0.046659	0.39391	0.75775
<code>Error</code>	8.5285	72	0.11845		
<code>Total</code>	9.1274	79			

### CL7: Frontal\_Med\_Orb\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL7) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.32369	0.43829	0.73853	0.46259
cond_char_0.5	0.73499	0.91749	0.80108	0.42572
cond_char_0.75	0.8383	1.1861	0.70678	0.48198
cond_char_1.0	0.80273	1.5316	0.52411	0.60181
mean_StanceDur	0.078546	0.24415	0.32172	0.7486
cond_char_0.5:mean_StanceDur	-0.70694	0.77206	-0.91565	0.36291
cond_char_0.75:mean_StanceDur	-0.89228	1.3211	-0.67539	0.50159
cond_char_1.0:mean_StanceDur	-0.85566	2.0193	-0.42375	0.67301

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.51

R-squared: 0.0362, Adjusted R-Squared: -0.0574

F-statistic vs. constant model: 0.387, p-value = 0.907

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.28873	3	0.096242	0.36995	0.77491
mean_StanceDur	0.18924	1	0.18924	0.72743	0.39655
cond_char:mean_StanceDur	0.35595	3	0.11865	0.45609	0.71382
Error	18.731	72	0.26015		
Total	19.435	79			

CL7) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.123	0.84961	2.4988	0.014743
cond_char_0.5	-0.54901	1.7785	-0.30869	0.75845
cond_char_0.75	0.86499	2.2992	0.37622	0.70786
cond_char_1.0	-0.15825	2.9689	-0.053301	0.95764
mean_StanceDur	-0.40839	0.47327	-0.86291	0.39105

<code>cond_char_0.5:mean_StanceDur</code>	-0.093708	1.4966	-0.062614	0.95025
<code>cond_char_0.75:mean_StanceDur</code>	-1.865	2.561	-0.72826	0.46882
<code>cond_char_1.0:mean_StanceDur</code>	-0.97105	3.9143	-0.24808	0.80478

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.989

R-squared: 0.0571, Adjusted R-Squared: -0.0345

F-statistic vs. constant model: 0.623, p-value = 0.735

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.28258	3	0.094194	0.096359	0.96181
<code>mean_StanceDur</code>	0.85994	1	0.85994	0.87971	0.35142
<code>cond_char:mean_StanceDur</code>	0.57113	3	0.19038	0.19475	0.89965
<code>Error</code>	70.382	72	0.97753		
<code>Total</code>	74.646	79			

CL7) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StanceDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.17125	0.29774	0.57515	0.56698
<code>cond_char_0.5</code>	-0.6456	0.62328	-1.0358	0.30376
<code>cond_char_0.75</code>	-0.77611	0.80573	-0.96324	0.33865
<code>cond_char_1.0</code>	-0.51838	1.0405	-0.49822	0.61984
<code>mean_StanceDur</code>	0.025263	0.16586	0.15232	0.87936
<code>cond_char_0.5:mean_StanceDur</code>	0.5728	0.52448	1.0921	0.27842
<code>cond_char_0.75:mean_StanceDur</code>	0.79871	0.89748	0.88994	0.37646
<code>cond_char_1.0:mean_StanceDur</code>	0.63149	1.3717	0.46036	0.64665

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.346

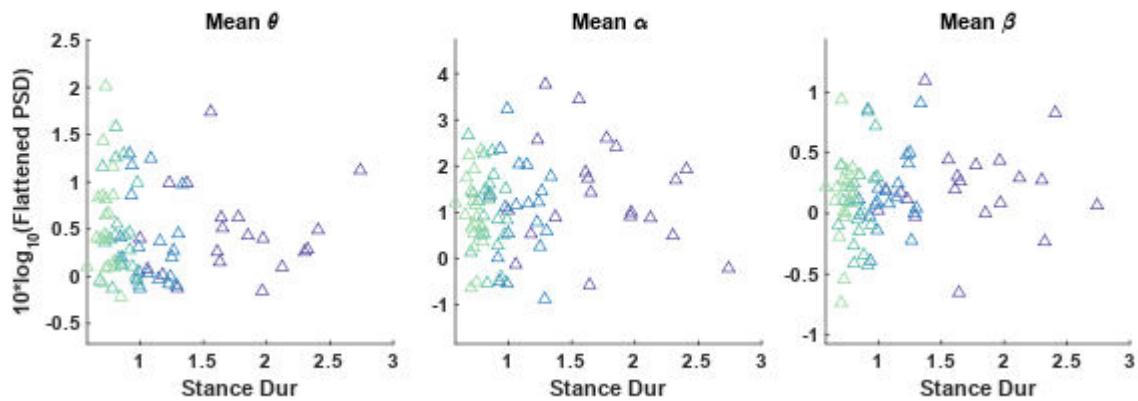
R-squared: 0.053, Adjusted R-Squared: -0.0391

F-statistic vs. constant model: 0.575, p-value = 0.774

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.2147	3	0.071566	0.59611	0.61959
<code>mean_StanceDur</code>	0.18281	1	0.18281	1.5228	0.22121
<code>cond_char:mean_StanceDur</code>	0.24484	3	0.081613	0.6798	0.56725
<code>Error</code>	8.6439	72	0.12005		
<code>Total</code>	9.1274	79			

### CL7: Frontal\_Med\_Orb\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL7) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.38894	0.45603	0.85287	0.39656
cond_char_0.5	0.80344	0.93584	0.85852	0.39346
cond_char_0.75	0.67216	1.1491	0.58494	0.56041
cond_char_1.0	0.42244	1.4536	0.29061	0.77218
mean_GaitCycleDur	0.029949	0.1865	0.16058	0.87287
cond_char_0.5:mean_GaitCycleDur	-0.53246	0.5308	-1.0031	0.31916
cond_char_0.75:mean_GaitCycleDur	-0.4756	0.81876	-0.58088	0.56314
cond_char_1.0:mean_GaitCycleDur	-0.24653	1.1958	-0.20615	0.83725

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.51

R-squared: 0.0364, Adjusted R-Squared: -0.0573

F-statistic vs. constant model: 0.389, p-value = 0.906

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.24288	3	0.080959	0.31126	0.81718
mean_GaitCycleDur	0.14484	1	0.14484	0.55684	0.45797
cond_char:mean_GaitCycleDur	0.33213	3	0.11071	0.42564	0.73521
Error	18.728	72	0.26011		
Total	19.435	79			

CL7) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.3183	0.87842	2.6392	0.010181
cond_char_0.5	-0.36851	1.8026	-0.20443	0.8386
cond_char_0.75	0.8381	2.2134	0.37864	0.70607
cond_char_1.0	-0.12678	2.8	-0.045279	0.96401
mean_GaitCycleDur	-0.38149	0.35925	-1.0619	0.29182

<b>cond_char_0.5:mean_GaitCycleDur</b>	-0.1852	1.0224	-0.18114	0.85677
<b>cond_char_0.75:mean_GaitCycleDur</b>	-1.2059	1.5771	-0.76463	0.44699
<b>cond_char_1.0:mean_GaitCycleDur</b>	-0.67791	2.3035	-0.2943	0.76938

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.982

R-squared: 0.0691, Adjusted R-Squared: -0.0214

F-statistic vs. constant model: 0.764, p-value = 0.619

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	0.2187	3	0.072901	0.075538	0.97298
<b>mean_GaitCycleDur</b>	1.4536	1	1.4536	1.5062	0.22372
<b>cond_char:mean_GaitCycleDur</b>	0.64416	3	0.21472	0.22249	0.88048
<b>Error</b>	69.486	72	0.96508		
<b>Total</b>	74.646	79			

CL7) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.18956	0.31107	0.60938	0.54419
<b>cond_char_0.5</b>	-0.60504	0.63836	-0.9478	0.3464
<b>cond_char_0.75</b>	-0.70317	0.78383	-0.89709	0.37266
<b>cond_char_1.0</b>	-0.35504	0.99153	-0.35807	0.72134
<b>mean_GaitCycleDur</b>	0.010761	0.12722	0.084585	0.93283
<b>cond_char_0.5:mean_GaitCycleDur</b>	0.3532	0.36207	0.97551	0.33257
<b>cond_char_0.75:mean_GaitCycleDur</b>	0.44878	0.5585	0.80355	0.4243
<b>cond_char_1.0:mean_GaitCycleDur</b>	0.24491	0.81571	0.30024	0.76486

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.348

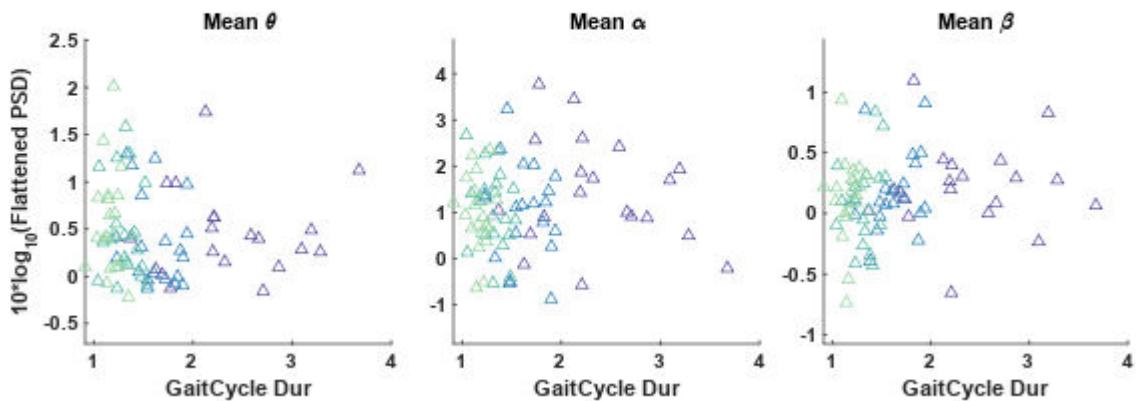
R-squared: 0.0453, Adjusted R-Squared: -0.0475

F-statistic vs. constant model: 0.488, p-value = 0.84

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	0.17533	3	0.058443	0.4829	0.69521
<b>mean_GaitCycleDur</b>	0.13361	1	0.13361	1.104	0.2969
<b>cond_char:mean_GaitCycleDur</b>	0.18538	3	0.061793	0.51058	0.67626
<b>Error</b>	8.7138	72	0.12103		
<b>Total</b>	9.1274	79			

### CL7: Frontal\_Med\_Orb\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL7) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.63819	0.39956	1.5972	0.1146
cond_char_0.5	-0.69985	0.58844	-1.1893	0.23822
cond_char_0.75	-0.80776	0.60788	-1.3288	0.18811
cond_char_1.0	-0.57885	0.69507	-0.83279	0.40772
mean_PeakUpDownVel_mean	-1.5381	3.3079	-0.46497	0.64336
cond_char_0.5:mean_PeakUpDownVel_mean	3.7295	3.9172	0.95206	0.34425
cond_char_0.75:mean_PeakUpDownVel_mean	3.8377	3.668	1.0463	0.29894
cond_char_1.0:mean_PeakUpDownVel_mean	2.8448	3.6149	0.78696	0.43389

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.5

R-squared: 0.0721, Adjusted R-Squared: -0.0181

F-statistic vs. constant model: 0.799, p-value = 0.591

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.56211	3	0.18737	0.74805	0.52702
mean_PeakUpDownVel_mean	0.22745	1	0.22745	0.90806	0.34382
cond_char:mean_PeakUpDownVel_mean	0.30423	3	0.10141	0.40487	0.74994
Error	18.034	72	0.25048		
Total	19.435	79			

CL7) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.8277	0.78297	2.3343	0.022372
cond_char_0.5	0.35241	1.1531	0.30562	0.76078
cond_char_0.75	-0.021228	1.1912	-0.017821	0.98583
cond_char_1.0	-0.76084	1.362	-0.55861	0.57816
mean_PeakUpDownVel_mean	-3.558	6.482	-0.54889	0.58478

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-2.2407	7.6761	-0.2919	0.7712
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	0.92518	7.1877	0.12872	0.89794
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	3.273	7.0836	0.46206	0.64543

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.981

R-squared: 0.0723, Adjusted R-Squared: -0.0179

F-statistic vs. constant model: 0.802, p-value = 0.589

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.61138	3	0.20379	0.21189	0.88786
<code>mean_PeakUpDownVel_mean</code>	1.8885	1	1.8885	1.9635	0.16543
<code>cond_char:mean_PeakUpDownVel_mean</code>	1.2204	3	0.40681	0.42297	0.7371
<code>Error</code>	69.25	72	0.9618		
<code>Total</code>	74.646	79			

CL7) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.036997	0.27453	-0.13476	0.89317
<code>cond_char_0.5</code>	0.090455	0.4043	0.22373	0.8236
<code>cond_char_0.75</code>	-0.27655	0.41765	-0.66215	0.50999
<code>cond_char_1.0</code>	-0.18628	0.47756	-0.39007	0.69764
<code>mean_PeakUpDownVel_mean</code>	2.1735	2.2728	0.95634	0.3421
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-1.5513	2.6914	-0.5764	0.56614
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	-0.73084	2.5202	-0.28999	0.77266
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	-1.2441	2.4837	-0.50091	0.61796

Number of observations: 80, Error degrees of freedom: 72

Root Mean Squared Error: 0.344

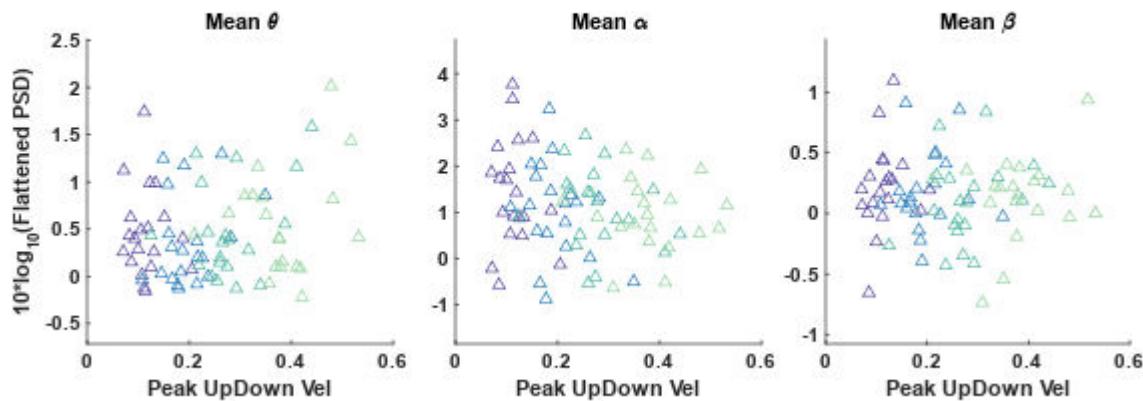
R-squared: 0.0673, Adjusted R-Squared: -0.0234

F-statistic vs. constant model: 0.742, p-value = 0.637

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.10361	3	0.034535	0.29208	0.83099
<code>mean_PeakUpDownVel_mean</code>	0.33477	1	0.33477	2.8313	0.096777
<code>cond_char:mean_PeakUpDownVel_mean</code>	0.054067	3	0.018022	0.15242	0.92781
<code>Error</code>	8.5133	72	0.11824		
<code>Total</code>	9.1274	79			

## CL7: Frontal\_Med\_Orb\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL8) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.62368	0.36015	1.7317	0.084652
cond_char_0.5	-0.50631	0.62225	-0.81368	0.41666
cond_char_0.75	0.40926	0.62579	0.65399	0.51376
cond_char_1.0	0.48386	0.56169	0.86145	0.38988
mean_APexc_COV	-0.002483	0.014884	-0.16682	0.86766
cond_char_0.5:mean_APexc_COV	0.022144	0.027989	0.79116	0.42966
cond_char_0.75:mean_APexc_COV	-0.017214	0.029139	-0.59076	0.55526
cond_char_1.0:mean_APexc_COV	-0.017213	0.025681	-0.67026	0.50336

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 1.01

R-squared: 0.015, Adjusted R-Squared: -0.0147

F-statistic vs. constant model: 0.506, p-value = 0.83

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.7267	3	0.9089	0.88747	0.44828
mean_APexc_COV	0.27336	1	0.27336	0.26692	0.6059
cond_char:mean_APexc_COV	1.9951	3	0.66504	0.64936	0.58409
Error	237.6	232	1.0241		
Total	241.23	239			

CL8) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.825	0.76802	2.3762	0.018306
cond_char_0.5	-0.35847	1.3269	-0.27015	0.78729
cond_char_0.75	-0.37755	1.3345	-0.28291	0.7775
cond_char_1.0	0.14421	1.1978	0.1204	0.90427
mean_APexc_COV	-0.0018959	0.031741	-0.05973	0.95242

<code>cond_char_0.5:mean_APexc_COV</code>	0.0055455	0.059687	0.09291	0.92606
<code>cond_char_0.75:mean_APexc_COV</code>	0.0027865	0.062139	0.044844	0.96427
<code>cond_char_1.0:mean_APexc_COV</code>	-0.019785	0.054764	-0.36128	0.71822

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 2.16

R-squared: 0.0042, Adjusted R-Squared: -0.0259

F-statistic vs. constant model: 0.14, p-value = 0.995

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.97464	3	0.32488	0.069756	0.97602
<code>mean_APexc_COV</code>	0.20074	1	0.20074	0.043101	0.83572
<code>cond_char:mean_APexc_COV</code>	0.88819	3	0.29606	0.06357	0.97902
<code>Error</code>	1080.5	232	4.6573		
<code>Total</code>	1085.1	239			

CL8) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_APexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.7233	0.63798	4.2687	2.8674e-05
<code>cond_char_0.5</code>	-1.1927	1.1023	-1.082	0.28036
<code>cond_char_0.75</code>	-1.2902	1.1085	-1.1638	0.24569
<code>cond_char_1.0</code>	-1.4715	0.99499	-1.4789	0.14052
<code>mean_APexc_COV</code>	-0.014473	0.026367	-0.54892	0.58359
<code>cond_char_0.5:mean_APexc_COV</code>	0.051202	0.049581	1.0327	0.30282
<code>cond_char_0.75:mean_APexc_COV</code>	0.052852	0.051618	1.0239	0.30694
<code>cond_char_1.0:mean_APexc_COV</code>	0.060135	0.045491	1.3219	0.1875

Number of observations: 240, Error degrees of freedom: 232

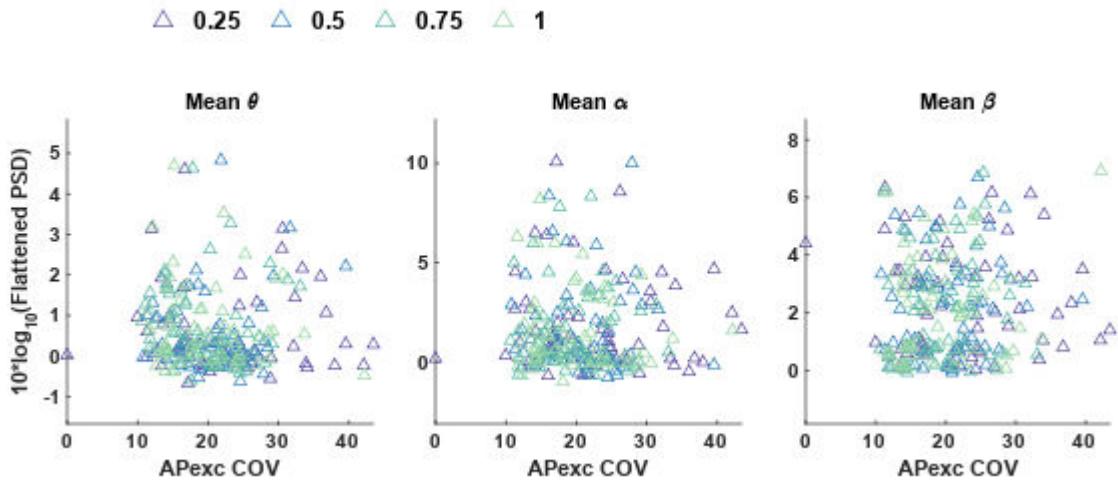
Root Mean Squared Error: 1.79

R-squared: 0.017, Adjusted R-Squared: -0.0126

F-statistic vs. constant model: 0.574, p-value = 0.776

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	9.0569	3	3.019	0.9394	0.42231
<code>mean_APexc_COV</code>	6.2588	1	6.2588	1.9475	0.16419
<code>cond_char:mean_APexc_COV</code>	7.95	3	2.65	0.82459	0.48147
<code>Error</code>	745.58	232	3.2137		
<code>Total</code>	758.5	239			

## CL8: Paracentral\_Lobule\_L



CL8) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.2411	0.39278	-0.61382	0.53994
cond_char_0.5	0.16449	0.6085	0.27032	0.78716
cond_char_0.75	0.13847	0.71752	0.19298	0.84714
cond_char_1.0	0.48528	0.70826	0.68517	0.49392
mean_APexc_mean	13.294	6.0989	2.1797	0.030284
cond_char_0.5:mean_APexc_mean	-0.98217	10.998	-0.089301	0.92892
cond_char_0.75:mean_APexc_mean	5.157	15.726	0.32792	0.74327
cond_char_1.0:mean_APexc_mean	-0.48997	16.605	-0.029507	0.97649

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 0.998

R-squared: 0.0422, Adjusted R-Squared: 0.0133

F-statistic vs. constant model: 1.46, p-value = 0.182

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.46881	3	0.15627	0.15692	0.92515
mean_APexc_mean	5.6525	1	5.6525	5.6759	0.018006
cond_char:mean_APexc_mean	0.1361	3	0.045367	0.045555	0.98707
Error	231.04	232	0.99587		
Total	241.23	239			

CL8) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7318	0.83823	2.066	0.039935
cond_char_0.5	0.8357	1.2986	0.64354	0.52051
cond_char_0.75	2.2554	1.5312	1.4729	0.14213
cond_char_1.0	1.1871	1.5115	0.7854	0.43302
mean_APexc_mean	0.82816	13.016	0.063628	0.94932

cond_char_0.5:mean_APexc_mean	-21.848	23.472	-0.93083	0.35291
cond_char_0.75:mean_APexc_mean	-63.168	33.562	-1.8822	0.061066
cond_char_1.0:mean_APexc_mean	-37.763	35.437	-1.0656	0.28771

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 2.13

R-squared: 0.0302, Adjusted R-Squared: 0.000965

F-statistic vs. constant model: 1.03, p-value = 0.409

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	10.416	3	3.4721	0.76553	0.5144
mean_APexc_mean	24.952	1	24.952	5.5014	0.019845
cond_char:mean_APexc_mean	19.741	3	6.5803	1.4508	0.22879
Error	1052.3	232	4.5356		
Total	1085.1	239			

CL8) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.4139	0.69379	4.9206	1.6358e-06
cond_char_0.5	0.13794	1.0748	0.12834	0.89799
cond_char_0.75	1.2217	1.2674	0.96397	0.33607
cond_char_1.0	-0.31751	1.251	-0.2538	0.79988
mean_APexc_mean	-16.714	10.773	-1.5515	0.12214
cond_char_0.5:mean_APexc_mean	-9.1402	19.427	-0.47048	0.63845
cond_char_0.75:mean_APexc_mean	-43.701	27.778	-1.5732	0.11704
cond_char_1.0:mean_APexc_mean	-8.7526	29.331	-0.29841	0.76566

Number of observations: 240, Error degrees of freedom: 232

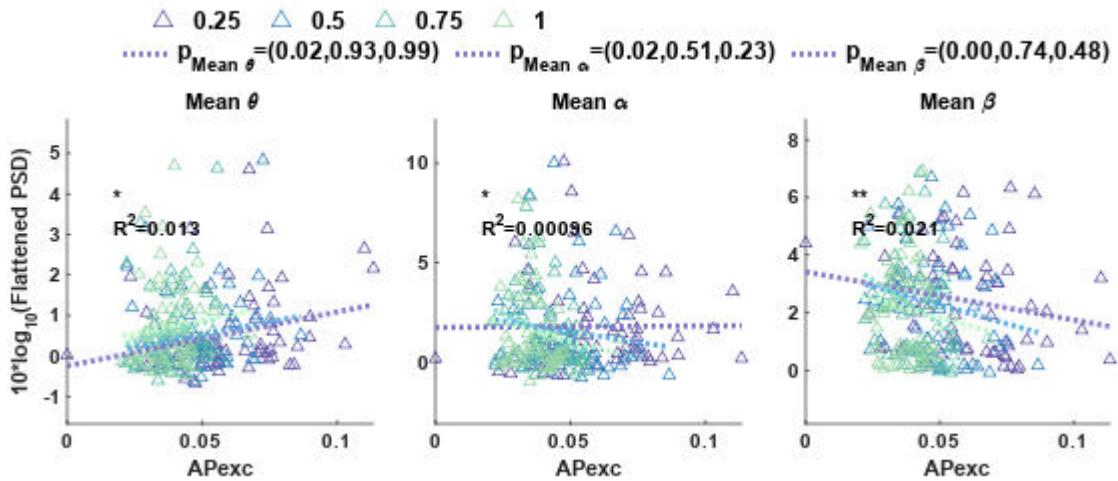
Root Mean Squared Error: 1.76

R-squared: 0.0496, Adjusted R-Squared: 0.021

F-statistic vs. constant model: 1.73, p-value = 0.103

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.9237	3	1.3079	0.42094	0.73815
mean_APexc_mean	28.846	1	28.846	9.2839	0.0025793
cond_char:mean_APexc_mean	7.7552	3	2.5851	0.83198	0.47747
Error	720.86	232	3.1071		
Total	758.5	239			

## CL8: Paracentral\_Lobule\_L



CL8) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.14886	0.33376	-0.44602	0.656
cond_char_0.5	-0.54377	0.55681	-0.97659	0.32979
cond_char_0.75	0.27348	0.57199	0.47811	0.63302
cond_char_1.0	-0.11097	0.62615	-0.17722	0.85949
mean_MLexc_COV	0.061438	0.026487	2.3195	0.021235
cond_char_0.5:mean_MLexc_COV	0.038464	0.043968	0.87482	0.38258
cond_char_0.75:mean_MLexc_COV	-0.024898	0.041121	-0.60548	0.54545
cond_char_1.0:mean_MLexc_COV	-0.0028421	0.040576	-0.070044	0.94422

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 0.979

R-squared: 0.0789, Adjusted R-Squared: 0.0511

F-statistic vs. constant model: 2.84, p-value = 0.00736

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.6495	3	0.54983	0.57411	0.63257
mean_MLexc_COV	16.29	1	16.29	17.009	5.1851e-05
cond_char:mean_MLexc_COV	1.7566	3	0.58554	0.6114	0.60823
Error	222.19	232	0.95771		
Total	241.23	239			

CL8) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7539	0.73596	2.3831	0.017973
cond_char_0.5	-0.18607	1.2278	-0.15155	0.87968
cond_char_0.75	0.20515	1.2613	0.16266	0.87093
cond_char_1.0	-0.38186	1.3807	-0.27657	0.78236
mean_MLexc_COV	0.0024285	0.058406	0.041579	0.96687

<code>cond_char_0.5:mean_MLexc_COV</code>	-0.0045495	0.096952	-0.046925	0.96261
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.037193	0.090676	-0.41017	0.68206
<code>cond_char_1.0:mean_MLexc_COV</code>	0.0078234	0.089472	0.087439	0.9304

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 2.16

R-squared: 0.00433, Adjusted R-Squared: -0.0257

F-statistic vs. constant model: 0.144, p-value = 0.995

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.77311	3	0.2577	0.05534	0.98283
<code>mean_MLexc_COV</code>	0.14508	1	0.14508	0.031156	0.86005
<code>cond_char:mean_MLexc_COV</code>	1.1749	3	0.39162	0.084099	0.96866
<code>Error</code>	1080.4	232	4.6567		
<code>Total</code>	1085.1	239			

CL8) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.3165	0.61093	5.4286	1.4284e-07
<code>cond_char_0.5</code>	-0.55503	1.0192	-0.54457	0.58657
<code>cond_char_0.75</code>	-0.45314	1.047	-0.4328	0.66556
<code>cond_char_1.0</code>	-1.0833	1.1461	-0.94517	0.34556
<code>mean_MLexc_COV</code>	-0.078841	0.048484	-1.6261	0.10528
<code>cond_char_0.5:mean_MLexc_COV</code>	0.040161	0.080481	0.49901	0.61824
<code>cond_char_0.75:mean_MLexc_COV</code>	0.031545	0.075271	0.41909	0.67554
<code>cond_char_1.0:mean_MLexc_COV</code>	0.073752	0.074271	0.99301	0.32174

Number of observations: 240, Error degrees of freedom: 232

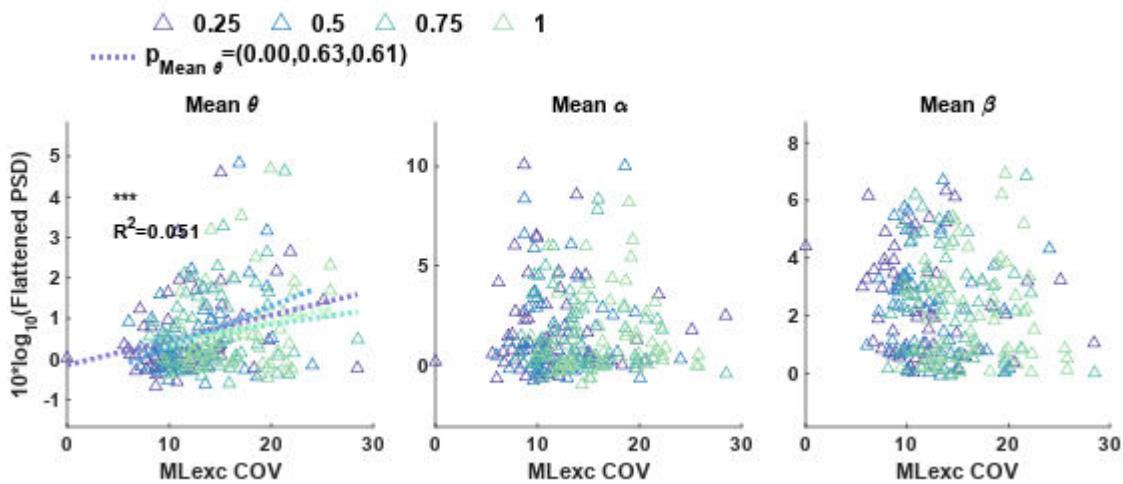
Root Mean Squared Error: 1.79

R-squared: 0.0185, Adjusted R-Squared: -0.0111

F-statistic vs. constant model: 0.626, p-value = 0.734

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.0964	3	1.0321	0.32165	0.80971
<code>mean_MLexc_COV</code>	7.1489	1	7.1489	2.2279	0.1369
<code>cond_char:mean_MLexc_COV</code>	3.2119	3	1.0706	0.33365	0.80102
<code>Error</code>	744.45	232	3.2088		
<code>Total</code>	758.5	239			

### CL8: Paracentral\_Lobule\_L



CL8) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.549	0.4509	1.2176	0.22463
cond_char_0.5	0.06882	0.66647	0.10326	0.91785
cond_char_0.75	-0.14718	0.73851	-0.19929	0.84221
cond_char_1.0	0.043407	0.76284	0.056902	0.95467
mean_MLexc_mean	0.15416	3.5573	0.043335	0.96547
cond_char_0.5:mean_MLexc_mean	-1.1355	6.0963	-0.18626	0.8524
cond_char_0.75:mean_MLexc_mean	3.2412	8.7508	0.37039	0.71143
cond_char_1.0:mean_MLexc_mean	2.1188	11.208	0.18904	0.85022

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 1.02

R-squared: 0.00676, Adjusted R-Squared: -0.0232

F-statistic vs. constant model: 0.225, p-value = 0.979

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.090778	3	0.030259	0.0293	0.99323
mean_MLexc_mean	0.11308	1	0.11308	0.10949	0.74102
cond_char:mean_MLexc_mean	0.26128	3	0.087092	0.08433	0.96854
Error	239.6	232	1.0328		
Total	241.23	239			

CL8) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.8296	0.94532	1.9355	0.054149
cond_char_0.5	1.4763	1.3973	1.0566	0.29182
cond_char_0.75	1.1273	1.5483	0.72807	0.4673
cond_char_1.0	1.2878	1.5993	0.80523	0.42151
mean_MLexc_mean	-0.39102	7.458	-0.052429	0.95823

<code>cond_char_0.5:mean_MLexc_mean</code>	-18.074	12.781	-1.4142	0.15865
<code>cond_char_0.75:mean_MLexc_mean</code>	-20.536	18.346	-1.1194	0.26414
<code>cond_char_1.0:mean_MLexc_mean</code>	-27.433	23.497	-1.1675	0.2442

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 2.13

R-squared: 0.0294, Adjusted R-Squared: 0.000155

F-statistic vs. constant model: 1.01, p-value = 0.428

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	6.096	3	2.032	0.44765	0.71919
<code>mean_MLexc_mean</code>	22.053	1	22.053	4.8584	0.028495
<code>cond_char:mean_MLexc_mean</code>	15.337	3	5.1122	1.1262	0.33918
<code>Error</code>	1053.1	232	4.5393		
<code>Total</code>	1085.1	239			

CL8) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.0225	0.79424	3.8054	0.00018113
<code>cond_char_0.5</code>	0.28033	1.174	0.23879	0.81148
<code>cond_char_0.75</code>	0.013451	1.3008	0.01034	0.99176
<code>cond_char_1.0</code>	0.26525	1.3437	0.1974	0.84369
<code>mean_MLexc_mean</code>	-5.1578	6.2661	-0.82313	0.41128
<code>cond_char_0.5:mean_MLexc_mean</code>	-5.4405	10.738	-0.50664	0.61289
<code>cond_char_0.75:mean_MLexc_mean</code>	-6.6906	15.414	-0.43406	0.66465
<code>cond_char_1.0:mean_MLexc_mean</code>	-14.991	19.742	-0.75935	0.44841

Number of observations: 240, Error degrees of freedom: 232

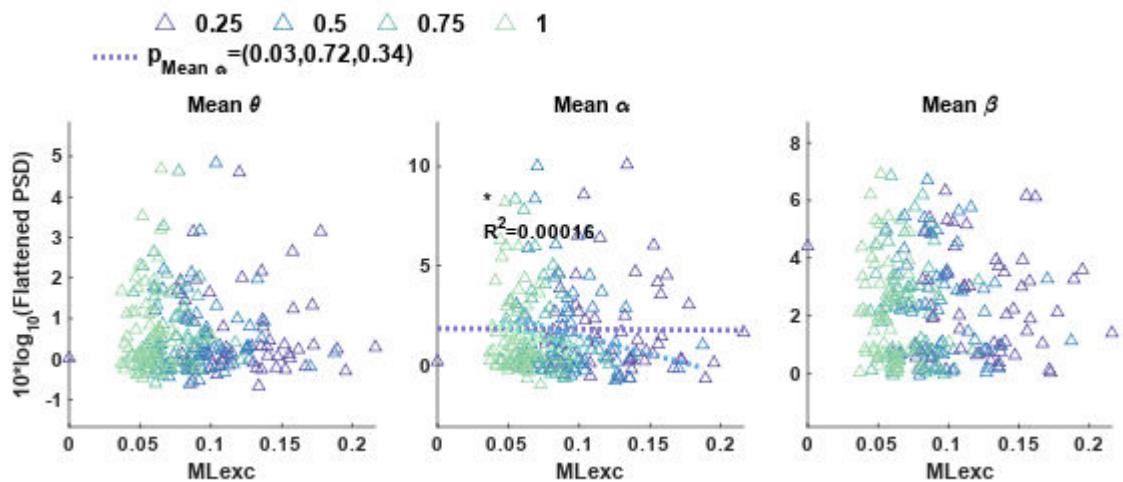
Root Mean Squared Error: 1.79

R-squared: 0.0199, Adjusted R-Squared: -0.00967

F-statistic vs. constant model: 0.673, p-value = 0.695

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.27365	3	0.091216	0.028467	0.99351
<code>mean_MLexc_mean</code>	11.003	1	11.003	3.4337	0.06515
<code>cond_char:mean_MLexc_mean</code>	2.5151	3	0.83837	0.26164	0.85299
<code>Error</code>	743.41	232	3.2043		
<code>Total</code>	758.5	239			

### CL8: Paracentral\_Lobule\_L



CL8) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.47549	0.55539	-0.85614	0.3928
cond_char_0.5	0.27097	0.9977	0.2716	0.78617
cond_char_0.75	-0.03007	1.2909	-0.023295	0.98144
cond_char_1.0	-0.025955	1.5672	-0.016562	0.9868
mean_StepDur	0.9048	0.46843	1.9316	0.05463
cond_char_0.5:mean_StepDur	0.0078269	1.1273	0.0069427	0.99447
cond_char_0.75:mean_StepDur	0.84576	1.8248	0.46347	0.64346
cond_char_1.0:mean_StepDur	1.2051	2.5626	0.47025	0.63862

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 1

R-squared: 0.0315, Adjusted R-Squared: 0.00231

F-statistic vs. constant model: 1.08, p-value = 0.377

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.086471	3	0.028824	0.028624	0.99346
mean_StepDur	3.0257	1	3.0257	3.0047	0.084351
cond_char:mean_StepDur	0.42498	3	0.14166	0.14068	0.93554
Error	233.62	232	1.007		
Total	241.23	239			

CL8) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7168	1.1915	1.441	0.15095
cond_char_0.5	1.1849	2.1403	0.55361	0.58038
cond_char_0.75	1.8823	2.7692	0.6797	0.49737
cond_char_1.0	0.58004	3.362	0.17253	0.86317
mean_StepDur	0.056707	1.0049	0.05643	0.95505

<code>cond_char_0.5:mean_StepDur</code>	-1.7599	2.4185	-0.72771	0.46753
<code>cond_char_0.75:mean_StepDur</code>	-3.3069	3.9147	-0.84472	0.39914
<code>cond_char_1.0:mean_StepDur</code>	-1.3568	5.4976	-0.2468	0.80528

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 2.15

R-squared: 0.00912, Adjusted R-Squared: -0.0208

F-statistic vs. constant model: 0.305, p-value = 0.951

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.892	3	0.96399	0.20801	0.89079
<code>mean_StepDur</code>	3.604	1	3.604	0.77768	0.37876
<code>cond_char:mean_StepDur</code>	5.3342	3	1.7781	0.38367	0.76486
<code>Error</code>	1075.2	232	4.6343		
<code>Total</code>	1085.1	239			

CL8) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.2788	0.98563	3.3266	0.0010221
<code>cond_char_0.5</code>	1.1027	1.7706	0.6228	0.53403
<code>cond_char_0.75</code>	2.1584	2.2909	0.94219	0.34707
<code>cond_char_1.0</code>	1.5268	2.7812	0.54898	0.58355
<code>mean_StepDur</code>	-0.76484	0.83131	-0.92005	0.3585
<code>cond_char_0.5:mean_StepDur</code>	-1.8545	2.0007	-0.92694	0.35492
<code>cond_char_0.75:mean_StepDur</code>	-4.1787	3.2385	-1.2903	0.19822
<code>cond_char_1.0:mean_StepDur</code>	-3.8221	4.5479	-0.84043	0.40154

Number of observations: 240, Error degrees of freedom: 232

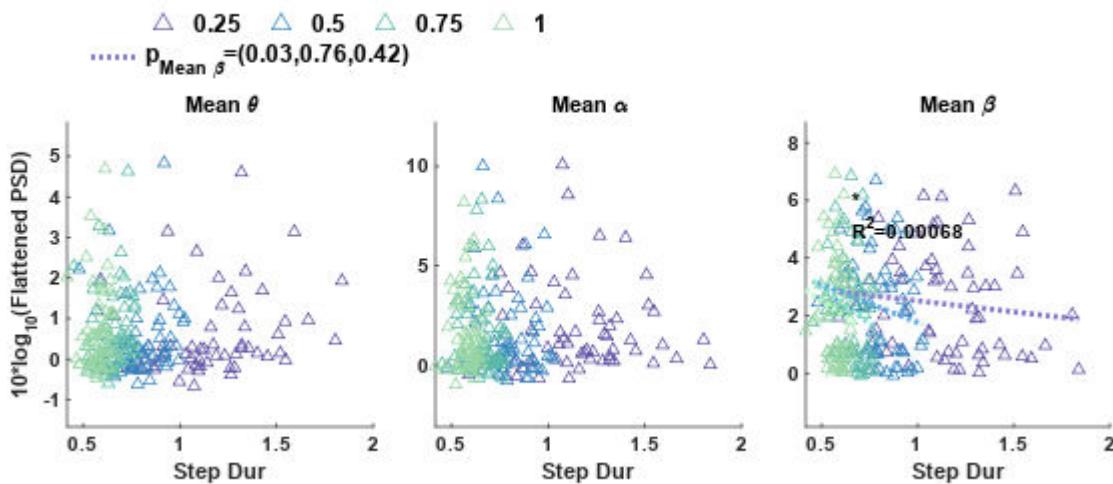
Root Mean Squared Error: 1.78

R-squared: 0.03, Adjusted R-Squared: 0.000684

F-statistic vs. constant model: 1.02, p-value = 0.415

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.7268	3	1.2423	0.3917	0.75909
<code>mean_StepDur</code>	15.654	1	15.654	4.9359	0.027271
<code>cond_char:mean_StepDur</code>	8.9501	3	2.9834	0.94068	0.42168
<code>Error</code>	735.78	232	3.1715		
<code>Total</code>	758.5	239			

### CL8: Paracentral\_Lobule\_L



CL8) Variable: mean\_UDexc\_COV, EEG\_band: theta\_avg\_power  
Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.13038	0.50091	-0.26029	0.79487
cond_char_0.5	-0.60449	0.78672	-0.76837	0.44305
cond_char_0.75	0.50101	0.73684	0.67995	0.49721
cond_char_1.0	0.8534	0.69862	1.2215	0.22312
mean_UDexc_COV	0.035702	0.024749	1.4426	0.15049
cond_char_0.5:mean_UDexc_COV	0.052815	0.048467	1.0897	0.27697
cond_char_0.75:mean_UDexc_COV	-0.0096096	0.055881	-0.17197	0.86361
cond_char_1.0:mean_UDexc_COV	-0.035958	0.063603	-0.56535	0.57238

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 1

R-squared: 0.0342, Adjusted R-Squared: 0.00505

F-statistic vs. constant model: 1.17, p-value = 0.319

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.0004	3	1.3335	1.3278	0.26601
mean_UDexc_COV	2.727	1	2.727	2.7155	0.10073
cond_char:mean_UDexc_COV	1.9384	3	0.64612	0.6434	0.58784
Error	232.98	232	1.0042		
Total	241.23	239			

CL8) Variable: mean\_UDexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.2708	1.0665	2.1293	0.034287
cond_char_0.5	1.2286	1.675	0.73349	0.464
cond_char_0.75	0.10949	1.5688	0.06979	0.94442
cond_char_1.0	0.79213	1.4874	0.53255	0.59486
mean_UDexc_COV	-0.024987	0.052692	-0.47421	0.6358

cond_char_0.5:mean_UDexc_COV	-0.11264	0.10319	-1.0915	0.27617
cond_char_0.75:mean_UDexc_COV	-0.062411	0.11897	-0.52458	0.60038
cond_char_1.0:mean_UDexc_COV	-0.16461	0.13541	-1.2156	0.22538

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 2.13

R-squared: 0.0267, Adjusted R-Squared: -0.00268

F-statistic vs. constant model: 0.909, p-value = 0.5

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.3339	3	1.1113	0.24413	0.86546
mean_UDexc_COV	23.404	1	23.404	5.1414	0.024283
cond_char:mean_UDexc_COV	10.254	3	3.4179	0.75083	0.52286
Error	1056.1	232	4.5521		
Total	1085.1	239			

CL8) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.5993	0.89102	4.0396	7.2828e-05
cond_char_0.5	0.045753	1.3994	0.032694	0.97395
cond_char_0.75	-0.29291	1.3107	-0.22348	0.82336
cond_char_1.0	-0.62495	1.2427	-0.50289	0.61552
mean_UDexc_COV	-0.061493	0.044024	-1.3968	0.16381
cond_char_0.5:mean_UDexc_COV	-0.033757	0.086215	-0.39155	0.69575
cond_char_0.75:mean_UDexc_COV	-0.044996	0.099401	-0.45267	0.65121
cond_char_1.0:mean_UDexc_COV	-0.041628	0.11314	-0.36794	0.71325

Number of observations: 240, Error degrees of freedom: 232

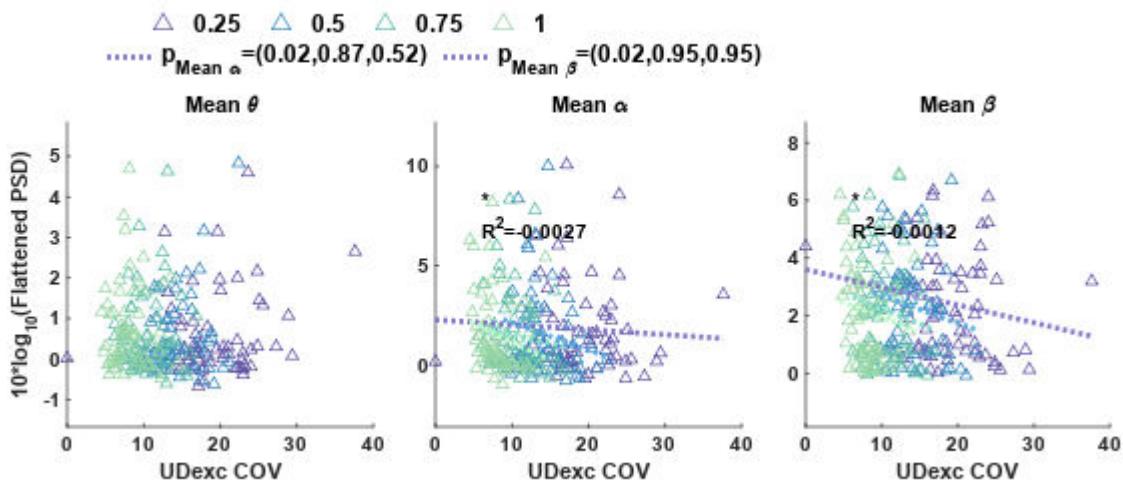
Root Mean Squared Error: 1.78

R-squared: 0.0281, Adjusted R-Squared: -0.00123

F-statistic vs. constant model: 0.958, p-value = 0.463

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.0901	3	0.36337	0.11435	0.95164
mean_UDexc_COV	16.254	1	16.254	5.1153	0.024642
cond_char:mean_UDexc_COV	1.1272	3	0.37573	0.11824	0.94933
Error	737.2	232	3.1776		
Total	758.5	239			

### CL8: Paracentral\_Lobule\_L



CL8) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.47679	0.44024	1.083	0.27993
cond_char_0.5	0.25362	0.76114	0.33321	0.73928
cond_char_0.75	0.77368	0.85714	0.90264	0.36765
cond_char_1.0	0.39094	0.81129	0.48188	0.63035
mean_UDexc_mean	6.2667	28.975	0.21628	0.82896
cond_char_0.5:mean_UDexc_mean	-16.872	42.576	-0.39629	0.69226
cond_char_0.75:mean_UDexc_mean	-29.062	39.738	-0.73133	0.46531
cond_char_1.0:mean_UDexc_mean	-10.439	34.655	-0.30123	0.76351

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 1.01

R-squared: 0.00951, Adjusted R-Squared: -0.0204

F-statistic vs. constant model: 0.318, p-value = 0.945

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.89839	3	0.29946	0.29077	0.83204
mean_UDexc_mean	0.34643	1	0.34643	0.33638	0.56249
cond_char:mean_UDexc_mean	0.59955	3	0.19985	0.19405	0.90039
Error	238.93	232	1.0299		
Total	241.23	239			

CL8) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.4975	0.93156	2.6809	0.0078684
cond_char_0.5	0.50353	1.6106	0.31264	0.75483
cond_char_0.75	-0.18999	1.8137	-0.10475	0.91666
cond_char_1.0	-0.14942	1.7167	-0.087043	0.93071
mean_UDexc_mean	-49.309	61.312	-0.80424	0.42208

<code>cond_char_0.5:mean_UDexc_mean</code>	-25.682	90.09	-0.28507	0.77584
<code>cond_char_0.75:mean_UDexc_mean</code>	17.65	84.086	0.20991	0.83392
<code>cond_char_1.0:mean_UDexc_mean</code>	26.442	73.329	0.3606	0.71873

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 2.15

R-squared: 0.014, Adjusted R-Squared: -0.0157

F-statistic vs. constant model: 0.472, p-value = 0.854

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.76047	3	0.25349	0.054972	0.983
<code>mean_UDexc_mean</code>	11.304	1	11.304	2.4513	0.11879
<code>cond_char:mean_UDexc_mean</code>	2.3136	3	0.77119	0.16724	0.9184
<code>Error</code>	1069.8	232	4.6113		
<code>Total</code>	1085.1	239			

CL8) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_UDexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.8413	0.77583	4.9512	1.4194e-06
<code>cond_char_0.5</code>	-1.3783	1.3413	-1.0276	0.30521
<code>cond_char_0.75</code>	-0.93066	1.5105	-0.61612	0.53842
<code>cond_char_1.0</code>	-1.0339	1.4297	-0.72315	0.47031
<code>mean_UDexc_mean</code>	-99.57	51.062	-1.95	0.052381
<code>cond_char_0.5:mean_UDexc_mean</code>	90.701	75.029	1.2089	0.22794
<code>cond_char_0.75:mean_UDexc_mean</code>	72.537	70.029	1.0358	0.30137
<code>cond_char_1.0:mean_UDexc_mean</code>	80.827	61.07	1.3235	0.18697

Number of observations: 240, Error degrees of freedom: 232

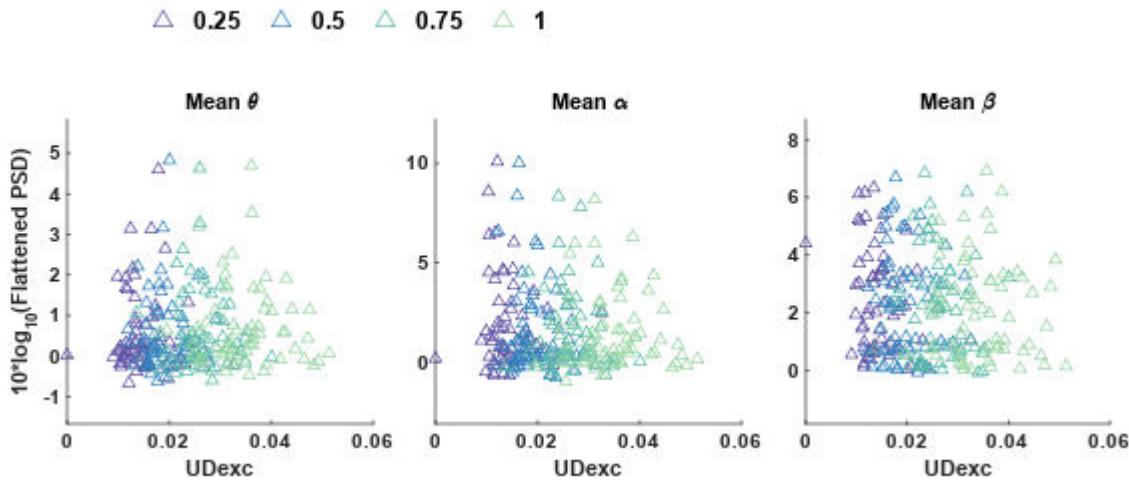
Root Mean Squared Error: 1.79

R-squared: 0.0217, Adjusted R-Squared: -0.00779

F-statistic vs. constant model: 0.736, p-value = 0.642

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.1378	3	1.3793	0.43124	0.73082
<code>mean_UDexc_mean</code>	8.4066	1	8.4066	2.6284	0.10633
<code>cond_char:mean_UDexc_mean</code>	6.6734	3	2.2245	0.6955	0.55564
<code>Error</code>	742.03	232	3.1984		
<code>Total</code>	758.5	239			

## CL8: Paracentral\_Lobule\_L



CL8) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.50373	0.53145	-0.94784	0.3442
cond_char_0.5	0.1337	0.98205	0.13614	0.89183
cond_char_0.75	0.013189	1.3238	0.0099628	0.99206
cond_char_1.0	0.015498	1.6223	0.0095531	0.99239
mean_StanceDur	0.62802	0.30215	2.0785	0.038762
cond_char_0.5:mean_StanceDur	0.20572	0.81838	0.25137	0.80175
cond_char_0.75:mean_StanceDur	0.71559	1.4595	0.49031	0.62438
cond_char_1.0:mean_StanceDur	1.0331	2.1198	0.48738	0.62645

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 1

R-squared: 0.0349, Adjusted R-Squared: 0.00576

F-statistic vs. constant model: 1.2, p-value = 0.305

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.019172	3	0.0063907	0.0063683	0.9993
mean_StanceDur	2.8155	1	2.8155	2.8056	0.095282
cond_char:mean_StanceDur	0.50243	3	0.16748	0.16689	0.91863
Error	232.82	232	1.0035		
Total	241.23	239			

CL8) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.0129	1.1393	1.7667	0.078589
cond_char_0.5	1.194	2.1053	0.56715	0.57116
cond_char_0.75	2.4203	2.838	0.85283	0.39463
cond_char_1.0	1.1748	3.4779	0.33778	0.73583
mean_StanceDur	-0.13522	0.64776	-0.20875	0.83482

<code>cond_char_0.5:mean_StanceDur</code>	-1.4173	1.7545	-0.80784	0.42001
<code>cond_char_0.75:mean_StanceDur</code>	-3.3804	3.1288	-1.0804	0.28109
<code>cond_char_1.0:mean_StanceDur</code>	-2.1233	4.5445	-0.46723	0.64077

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 2.15

R-squared: 0.0139, Adjusted R-Squared: -0.0159

F-statistic vs. constant model: 0.466, p-value = 0.859

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.1928	3	1.3976	0.30303	0.82319
<code>mean_StanceDur</code>	7.8579	1	7.8579	1.7038	0.19309
<code>cond_char:mean_StanceDur</code>	8.5591	3	2.853	0.61859	0.60361
<code>Error</code>	1070	232	4.6121		
<code>Total</code>	1085.1	239			

CL8) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StanceDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.3953	0.94263	3.602	0.00038627
<code>cond_char_0.5</code>	1.0501	1.7418	0.60284	0.5472
<code>cond_char_0.75</code>	2.5086	2.348	1.0684	0.28645
<code>cond_char_1.0</code>	1.6353	2.8774	0.56834	0.57036
<code>mean_StanceDur</code>	-0.5852	0.53592	-1.092	0.27599
<code>cond_char_0.5:mean_StanceDur</code>	-1.4243	1.4515	-0.98123	0.3275
<code>cond_char_0.75:mean_StanceDur</code>	-3.8122	2.5886	-1.4727	0.1422
<code>cond_char_1.0:mean_StanceDur</code>	-3.3749	3.7598	-0.89761	0.37032

Number of observations: 240, Error degrees of freedom: 232

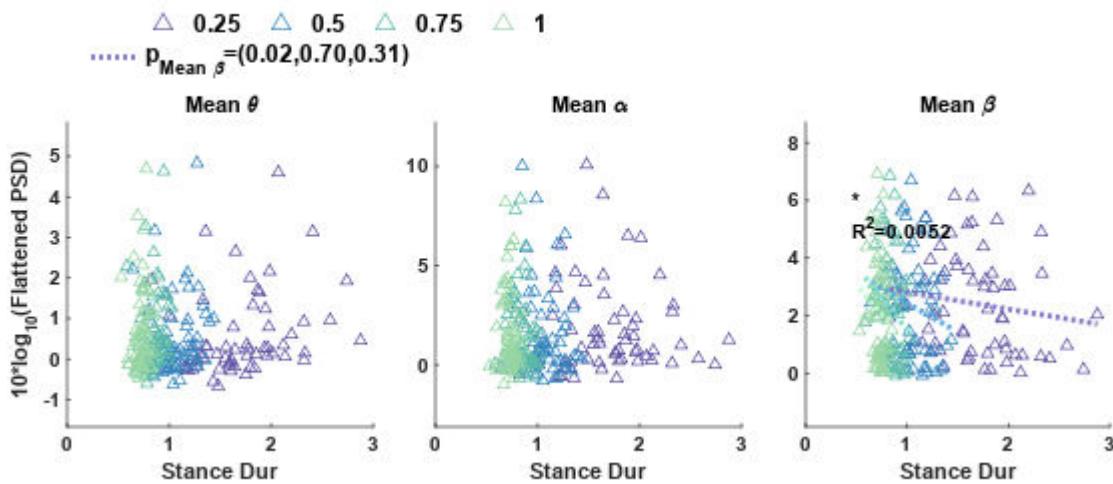
Root Mean Squared Error: 1.78

R-squared: 0.0344, Adjusted R-Squared: 0.00524

F-statistic vs. constant model: 1.18, p-value = 0.315

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.5094	3	1.5031	0.47612	0.69921
<code>mean_StanceDur</code>	16.928	1	16.928	5.3621	0.021452
<code>cond_char:mean_StanceDur</code>	11.322	3	3.774	1.1954	0.31223
<code>Error</code>	732.43	232	3.157		
<code>Total</code>	758.5	239			

### CL8: Paracentral\_Lobule\_L



CL8) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.4799	0.55548	-0.86394	0.38851
cond_char_0.5	0.27096	0.99652	0.2719	0.78594
cond_char_0.75	-0.023061	1.2947	-0.017811	0.9858
cond_char_1.0	0.004019	1.5641	0.0025696	0.99795
mean_GaitCycleDur	0.45381	0.234	1.9394	0.053665
cond_char_0.5:mean_GaitCycleDur	0.0051262	0.56257	0.0091122	0.99274
cond_char_0.75:mean_GaitCycleDur	0.41937	0.91538	0.45814	0.64728
cond_char_1.0:mean_GaitCycleDur	0.57882	1.2781	0.45287	0.65107

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 1

R-squared: 0.0316, Adjusted R-Squared: 0.00234

F-statistic vs. constant model: 1.08, p-value = 0.377

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.08365	3	0.027883	0.02769	0.99377
mean_GaitCycleDur	2.9866	1	2.9866	2.966	0.086367
cond_char:mean_GaitCycleDur	0.40426	3	0.13475	0.13382	0.93983
Error	233.62	232	1.007		
Total	241.23	239			

CL8) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7295	1.1917	1.4513	0.14805
cond_char_0.5	1.156	2.1379	0.54071	0.58923
cond_char_0.75	1.8836	2.7777	0.67812	0.49837
cond_char_1.0	0.53287	3.3555	0.15881	0.87396
mean_GaitCycleDur	0.022827	0.502	0.045473	0.96377

<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.86398	1.2069	-0.71586	0.4748
<code>cond_char_0.75:mean_GaitCycleDur</code>	-1.6584	1.9638	-0.84446	0.39929
<code>cond_char_1.0:mean_GaitCycleDur</code>	-0.64297	2.742	-0.23449	0.81481

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 2.15

R-squared: 0.00906, Adjusted R-Squared: -0.0208

F-statistic vs. constant model: 0.303, p-value = 0.952

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.836	3	0.94534	0.20398	0.89358
<code>mean_GaitCycleDur</code>	3.5525	1	3.5525	0.76651	0.38221
<code>cond_char:mean_GaitCycleDur</code>	5.2472	3	1.7491	0.3774	0.76939
<code>Error</code>	1075.2	232	4.6346		
<code>Total</code>	1085.1	239			

CL8) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.293	0.98585	3.3403	0.00097506
<code>cond_char_0.5</code>	1.0826	1.7686	0.61212	0.54106
<code>cond_char_0.75</code>	2.1634	2.2978	0.94151	0.34742
<code>cond_char_1.0</code>	1.4433	2.7758	0.51994	0.6036
<code>mean_GaitCycleDur</code>	-0.38817	0.41528	-0.9347	0.35091
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.91738	0.99842	-0.91883	0.35914
<code>cond_char_0.75:mean_GaitCycleDur</code>	-2.0979	1.6246	-1.2914	0.19786
<code>cond_char_1.0:mean_GaitCycleDur</code>	-1.845	2.2684	-0.81335	0.41685

Number of observations: 240, Error degrees of freedom: 232

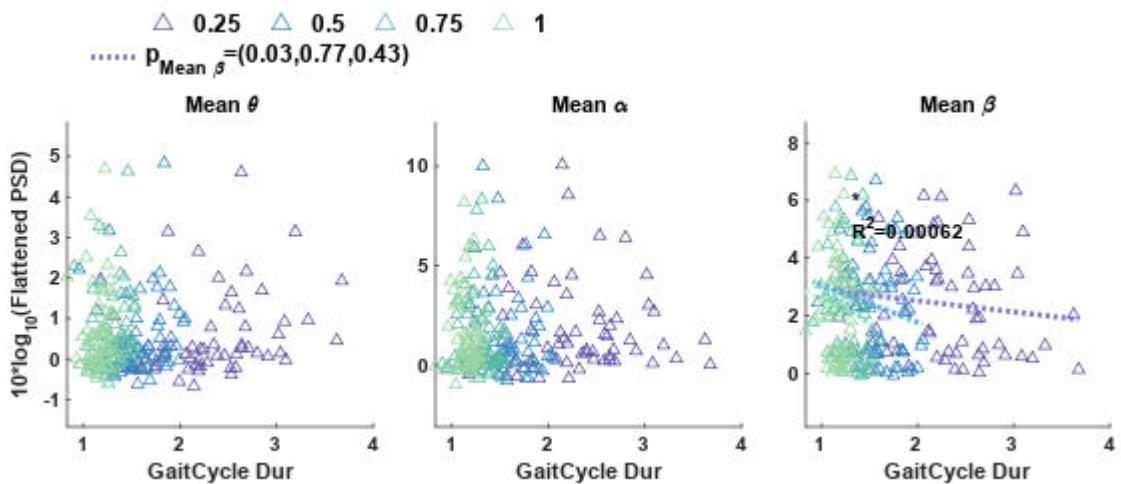
Root Mean Squared Error: 1.78

R-squared: 0.0299, Adjusted R-Squared: 0.000617

F-statistic vs. constant model: 1.02, p-value = 0.417

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.6368	3	1.2123	0.38221	0.76592
<code>mean_GaitCycleDur</code>	15.461	1	15.461	4.8747	0.028233
<code>cond_char:mean_GaitCycleDur</code>	8.7992	3	2.9331	0.92476	0.4295
<code>Error</code>	735.83	232	3.1717		
<code>Total</code>	758.5	239			

## CL8: Paracentral\_Lobule\_L



CL8) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.69287	0.47306	1.4646	0.14437
cond_char_0.5	-0.27792	0.82963	-0.335	0.73793
cond_char_0.75	0.70126	0.8736	0.80273	0.42295
cond_char_1.0	0.55617	0.85932	0.64722	0.51813
mean_PeakUpDownVel_mean	-1.0958	3.9799	-0.27534	0.7833
cond_char_0.5:mean_PeakUpDownVel_mean	1.6504	5.2338	0.31533	0.7528
cond_char_0.75:mean_PeakUpDownVel_mean	-1.5185	4.7097	-0.32242	0.74743
cond_char_1.0:mean_PeakUpDownVel_mean	-0.21938	4.3503	-0.050428	0.95982

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 1.01

R-squared: 0.013, Adjusted R-Squared: -0.0168

F-statistic vs. constant model: 0.437, p-value = 0.878

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.4102	3	0.47005	0.45803	0.71188
mean_PeakUpDownVel_mean	0.55707	1	0.55707	0.54283	0.46201
cond_char:mean_PeakUpDownVel_mean	0.58537	3	0.19512	0.19014	0.90305
Error	238.09	232	1.0262		
Total	241.23	239			

CL8) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.278	0.99797	3.2846	0.0011791
cond_char_0.5	0.24371	1.7502	0.13925	0.88937
cond_char_0.75	-0.96622	1.8429	-0.52428	0.60058
cond_char_1.0	-1.2135	1.8128	-0.66943	0.50389
mean_PeakUpDownVel_mean	-13.094	8.3959	-1.5596	0.12022

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	3.0339	11.041	0.27478	0.78373
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	10.144	9.9354	1.0209	0.30834
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	11.797	9.1774	1.2854	0.19992

Number of observations: 240, Error degrees of freedom: 232

Root Mean Squared Error: 2.14

R-squared: 0.0235, Adjusted R-Squared: -0.00598

F-statistic vs. constant model: 0.797, p-value = 0.591

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.55	3	1.1833	0.25909	0.8548
<code>mean_PeakUpDownVel_mean</code>	20.928	1	20.928	4.5822	0.033348
<code>cond_char:mean_PeakUpDownVel_mean</code>	11.223	3	3.741	0.8191	0.48446
<code>Error</code>	1059.6	232	4.5671		
<code>Total</code>	1085.1	239			

CL8) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	4.3046	0.83078	5.1814	4.7818e-07
<code>cond_char_0.5</code>	-1.4921	1.457	-1.0241	0.30686
<code>cond_char_0.75</code>	-1.1548	1.5342	-0.75273	0.45237
<code>cond_char_1.0</code>	-1.3064	1.5091	-0.8657	0.38755
<code>mean_PeakUpDownVel_mean</code>	-16.7	6.9893	-2.3893	0.017679
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	14.046	9.1915	1.5282	0.12783
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	13.36	8.271	1.6153	0.10761
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	14.583	7.64	1.9087	0.057532

Number of observations: 240, Error degrees of freedom: 232

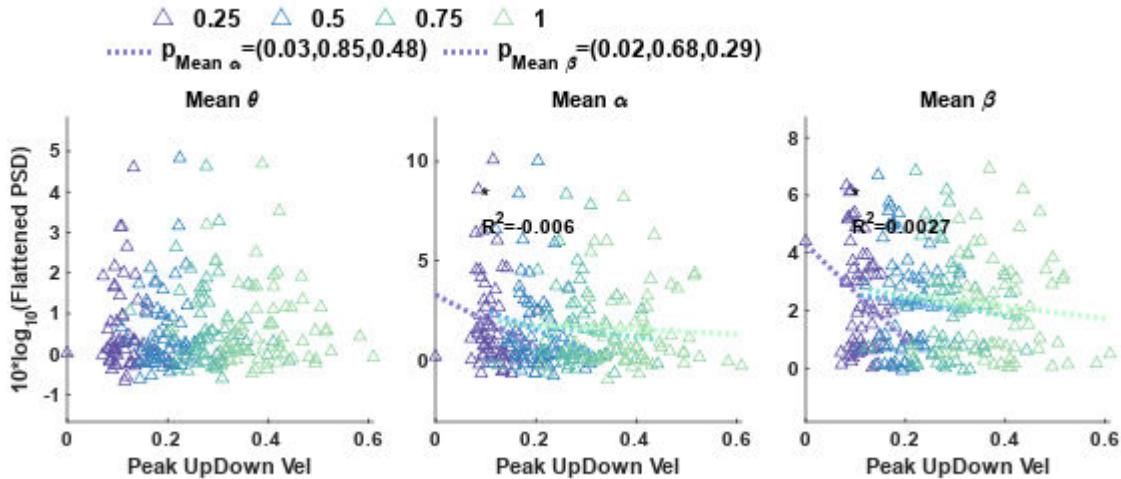
Root Mean Squared Error: 1.78

R-squared: 0.0319, Adjusted R-Squared: 0.0027

F-statistic vs. constant model: 1.09, p-value = 0.369

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.7247	3	1.5749	0.49759	0.68431
<code>mean_PeakUpDownVel_mean</code>	17.157	1	17.157	5.4208	0.020759
<code>cond_char:mean_PeakUpDownVel_mean</code>	11.859	3	3.9529	1.2489	0.29276
<code>Error</code>	734.3	232	3.1651		
<code>Total</code>	758.5	239			

## CL8: Paracentral\_Lobule\_L



CL9) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.70825	0.28426	2.4916	0.013712
cond_char_0.5	0.17764	0.51178	0.34709	0.72897
cond_char_0.75	0.16742	0.48038	0.34851	0.72791
cond_char_1.0	-0.076113	0.40279	-0.18896	0.85035
mean_APexc_COV	-0.009186	0.011673	-0.78692	0.43247
cond_char_0.5:mean_APexc_COV	-0.0092543	0.022932	-0.40356	0.68706
cond_char_0.75:mean_APexc_COV	-0.0049082	0.022179	-0.2213	0.82513
cond_char_1.0:mean_APexc_COV	0.0018943	0.017528	0.10807	0.91407

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 0.659

R-squared: 0.0189, Adjusted R-Squared: -0.023

F-statistic vs. constant model: 0.451, p-value = 0.869

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.17161	3	0.057204	0.13186	0.94101
mean_APexc_COV	0.99019	1	0.99019	2.2825	0.13277
cond_char:mean_APexc_COV	0.11748	3	0.03916	0.090266	0.96531
Error	71.147	164	0.43382		
Total	72.516	171			

CL9) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.5829	0.88918	2.9048	0.0041818
cond_char_0.5	-1.1324	1.6009	-0.70737	0.48034
cond_char_0.75	-0.21917	1.5027	-0.14586	0.88421
cond_char_1.0	0.13312	1.26	0.10566	0.91598
mean_APexc_COV	0.007215	0.036515	0.19759	0.84361

<b>cond_char_0.5:mean_APexc_COV</b>	0.041213	0.071732	0.57453	0.56639
<b>cond_char_0.75:mean_APexc_COV</b>	-0.0060449	0.069376	-0.087133	0.93067
<b>cond_char_1.0:mean_APexc_COV</b>	-0.023776	0.05483	-0.43363	0.66512

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.06

R-squared: 0.0104, Adjusted R-Squared: -0.0318

F-statistic vs. constant model: 0.247, p-value = 0.973

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	2.8699	3	0.95663	0.22536	0.87866
<b>mean_APexc_COV</b>	0.66784	1	0.66784	0.15733	0.69214
<b>cond_char:mean_APexc_COV</b>	3.3112	3	1.1037	0.26001	0.85411
<b>Error</b>	696.16	164	4.2449		
<b>Total</b>	703.51	171			

CL9) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
<b>(Intercept)</b>	1.3494	0.40459	3.3352	0.0010542
<b>cond_char_0.5</b>	0.23876	0.72844	0.32777	0.74351
<b>cond_char_0.75</b>	0.26755	0.68374	0.39131	0.69608
<b>cond_char_1.0</b>	0.067823	0.5733	0.1183	0.90597
<b>mean_APexc_COV</b>	-0.020954	0.016615	-1.2611	0.20906
<b>cond_char_0.5:mean_APexc_COV</b>	-0.016545	0.032639	-0.5069	0.6129
<b>cond_char_0.75:mean_APexc_COV</b>	-0.023363	0.031567	-0.74009	0.4603
<b>cond_char_1.0:mean_APexc_COV</b>	-0.011748	0.024949	-0.4709	0.63834

Number of observations: 172, Error degrees of freedom: 164

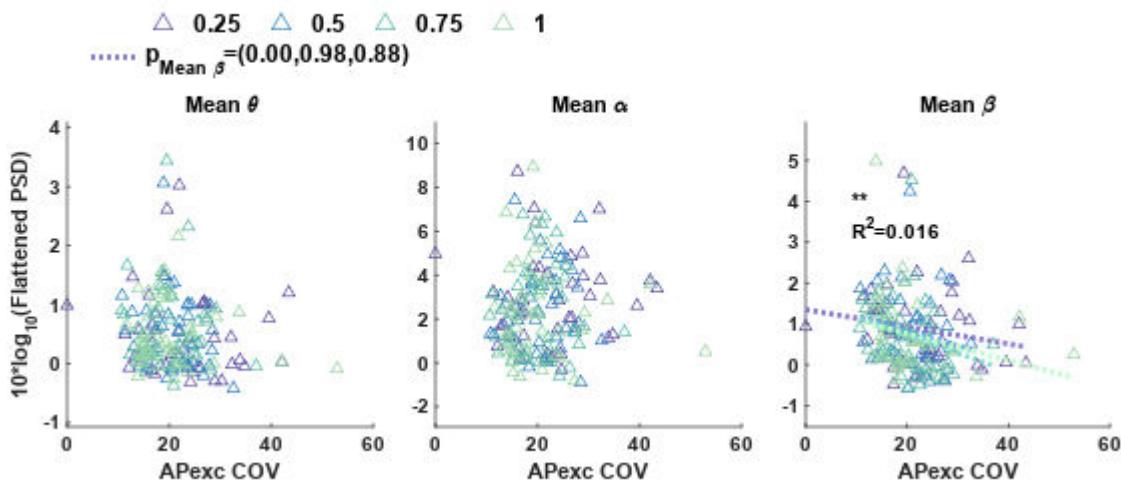
Root Mean Squared Error: 0.937

R-squared: 0.056, Adjusted R-Squared: 0.0157

F-statistic vs. constant model: 1.39, p-value = 0.212

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	0.1858	3	0.061932	0.070468	0.97564
<b>mean_APexc_COV</b>	7.5649	1	7.5649	8.6075	0.0038277
<b>cond_char:mean_APexc_COV</b>	0.58985	3	0.19662	0.22371	0.87981
<b>Error</b>	144.13	164	0.87887		
<b>Total</b>	152.69	171			

### CL9: Rolandic\_Oper\_L



CL9) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.51698	0.30354	1.7032	0.090426
cond_char_0.5	-0.52716	0.56023	-0.94098	0.3481
cond_char_0.75	-0.61539	0.65674	-0.93703	0.35012
cond_char_1.0	-0.019762	0.5655	-0.034946	0.97217
mean_APexc_mean	-0.3072	4.8924	-0.06279	0.95001
cond_char_0.5:mean_APexc_mean	10.857	10.706	1.0142	0.312
cond_char_0.75:mean_APexc_mean	17.664	15.148	1.1661	0.24527
cond_char_1.0:mean_APexc_mean	-0.067609	13.382	-0.0050521	0.99598

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 0.658

R-squared: 0.0209, Adjusted R-Squared: -0.0209

F-statistic vs. constant model: 0.499, p-value = 0.834

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.67769	3	0.2259	0.52176	0.6679
mean_APexc_mean	0.67517	1	0.67517	1.5595	0.21352
cond_char:mean_APexc_mean	0.93568	3	0.31189	0.72039	0.54115
Error	71.004	164	0.43295		
Total	72.516	171			

CL9) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.5984	0.93829	2.7693	0.0062646
cond_char_0.5	1.8832	1.7318	1.0875	0.27843
cond_char_0.75	2.4416	2.0301	1.2027	0.23083
cond_char_1.0	1.0991	1.7481	0.62878	0.53037
mean_APexc_mean	2.5416	15.123	0.16805	0.86675

cond_char_0.5:mean_APexc_mean	-44.282	33.094	-1.3381	0.18273
cond_char_0.75:mean_APexc_mean	-68.842	46.825	-1.4702	0.14342
cond_char_1.0:mean_APexc_mean	-37.786	41.367	-0.91343	0.36236

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.03

R-squared: 0.0356, Adjusted R-Squared: -0.00559

F-statistic vs. constant model: 0.864, p-value = 0.536

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	8.803	3	2.9343	0.70928	0.54776
mean_APexc_mean	18.044	1	18.044	4.3616	0.038302
cond_char:mean_APexc_mean	15.645	3	5.2149	1.2605	0.28975
Error	678.48	164	4.137		
Total	703.51	171			

CL9) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.09432	0.4321	0.21829	0.82748
cond_char_0.5	-0.26554	0.7975	-0.33297	0.73959
cond_char_0.75	-0.9134	0.9349	-0.977	0.33001
cond_char_1.0	0.6837	0.80501	0.84931	0.39695
mean_APexc_mean	13.283	6.9645	1.9072	0.058246
cond_char_0.5:mean_APexc_mean	6.8716	15.24	0.45089	0.65267
cond_char_0.75:mean_APexc_mean	25.63	21.564	1.1886	0.23633
cond_char_1.0:mean_APexc_mean	-14.053	19.05	-0.73766	0.46178

Number of observations: 172, Error degrees of freedom: 164

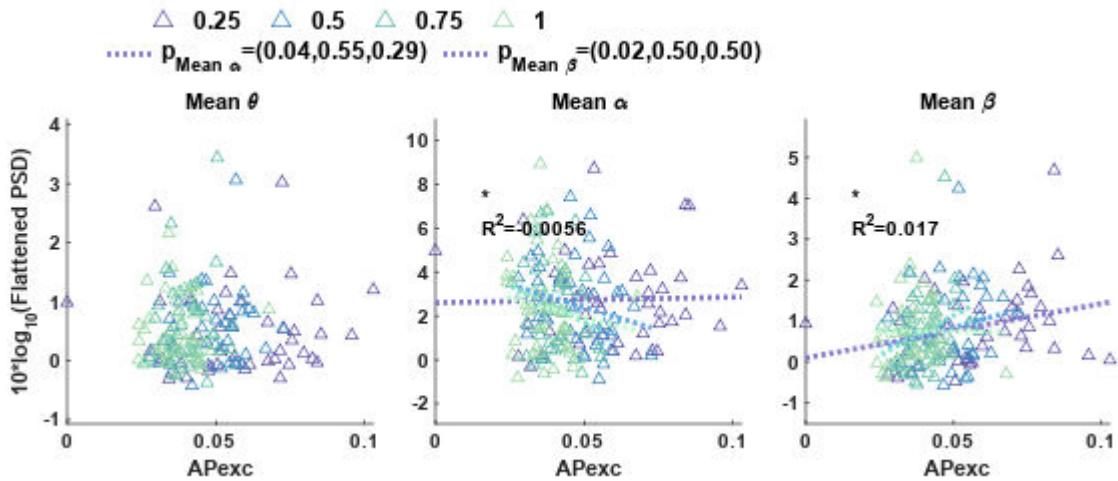
Root Mean Squared Error: 0.937

R-squared: 0.0577, Adjusted R-Squared: 0.0174

F-statistic vs. constant model: 1.43, p-value = 0.195

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.0766	3	0.6922	0.78897	0.50167
mean_APexc_mean	4.6671	1	4.6671	5.3195	0.022339
cond_char:mean_APexc_mean	2.0787	3	0.69289	0.78975	0.50123
Error	143.89	164	0.87735		
Total	152.69	171			

### CL9: Rolandic\_Oper\_L



CL9) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.86054	0.23489	3.6635	0.0003354
cond_char_0.5	0.027892	0.40584	0.068725	0.94529
cond_char_0.75	0.10597	0.4565	0.23213	0.81672
cond_char_1.0	-0.001288	0.48833	-0.0026375	0.9979
mean_MLexc_COV	-0.029283	0.017241	-1.6985	0.091318
cond_char_0.5:mean_MLexc_COV	-0.0024271	0.030983	-0.078338	0.93765
cond_char_0.75:mean_MLexc_COV	0.0031748	0.031775	0.099913	0.92054
cond_char_1.0:mean_MLexc_COV	0.0071595	0.029958	0.23898	0.81142

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 0.651

R-squared: 0.0409, Adjusted R-Squared: -7.65e-05

F-statistic vs. constant model: 0.998, p-value = 0.435

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.024563	3	0.0081877	0.019306	0.99634
mean_MLexc_COV	2.2264	1	2.2264	5.2497	0.023223
cond_char:mean_MLexc_COV	0.037346	3	0.012449	0.029353	0.9932
Error	69.553	164	0.4241		
Total	72.516	171			

CL9) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.4103	0.73736	4.625	7.5619e-06
cond_char_0.5	-0.4472	1.274	-0.35102	0.72602
cond_char_0.75	0.31223	1.433	0.21789	0.82779
cond_char_1.0	0.21401	1.5329	0.1396	0.88914
mean_MLexc_COV	-0.053702	0.054122	-0.99222	0.32255

<code>cond_char_0.5:mean_MLexc_COV</code>	0.0131	0.097259	0.1347	0.89302
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.040451	0.099747	-0.40553	0.68561
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.019634	0.094044	-0.20878	0.83488

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.04

R-squared: 0.0257, Adjusted R-Squared: -0.0158

F-statistic vs. constant model: 0.619, p-value = 0.74

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.1418	3	0.38061	0.091073	0.96487
<code>mean_MLexc_COV</code>	12.79	1	12.79	3.0603	0.082096
<code>cond_char:mean_MLexc_COV</code>	1.0967	3	0.36558	0.087476	0.96683
<code>Error</code>	685.39	164	4.1792		
<code>Total</code>	703.51	171			

CL9) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.90898	0.34482	2.6361	0.0091918
<code>cond_char_0.5</code>	-0.10125	0.59578	-0.16994	0.86527
<code>cond_char_0.75</code>	0.3237	0.67014	0.48304	0.62971
<code>cond_char_1.0</code>	0.64449	0.71687	0.89902	0.36996
<code>mean_MLexc_COV</code>	-0.0029898	0.02531	-0.11813	0.90611
<code>cond_char_0.5:mean_MLexc_COV</code>	0.0025603	0.045482	0.056293	0.95518
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.03188	0.046646	-0.68344	0.49529
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.044327	0.043979	-1.0079	0.31499

Number of observations: 172, Error degrees of freedom: 164

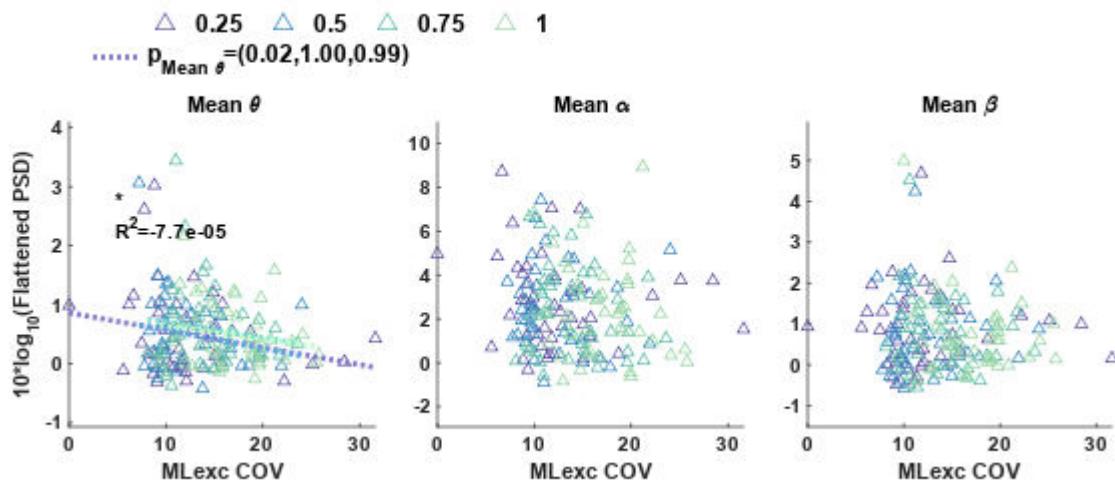
Root Mean Squared Error: 0.956

R-squared: 0.0184, Adjusted R-Squared: -0.0235

F-statistic vs. constant model: 0.438, p-value = 0.877

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.0516	3	0.35052	0.38352	0.76501
<code>mean_MLexc_COV</code>	1.3676	1	1.3676	1.4963	0.22299
<code>cond_char:mean_MLexc_COV</code>	1.2946	3	0.43154	0.47217	0.70209
<code>Error</code>	149.89	164	0.91396		
<code>Total</code>	152.69	171			

### CL9: Rolandic\_Oper\_L



CL9) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.13194	0.33954	0.38858	0.69809
cond_char_0.5	-0.059893	0.51435	-0.11644	0.90744
cond_char_0.75	-0.11107	0.54982	-0.20202	0.84015
cond_char_1.0	0.082748	0.54651	0.15141	0.87984
mean_MLexc_mean	3.1387	2.7754	1.1309	0.25976
cond_char_0.5:mean_MLexc_mean	1.4154	4.8493	0.29187	0.77075
cond_char_0.75:mean_MLexc_mean	5.0403	6.5951	0.76425	0.44582
cond_char_1.0:mean_MLexc_mean	1.6453	7.9225	0.20767	0.83574

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 0.654

R-squared: 0.0335, Adjusted R-Squared: -0.00777

F-statistic vs. constant model: 0.812, p-value = 0.579

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.04959	3	0.01653	0.038678	0.98981
mean_MLexc_mean	1.5943	1	1.5943	3.7304	0.055153
cond_char:mean_MLexc_mean	0.2575	3	0.085832	0.20084	0.89569
Error	70.088	164	0.42737		
Total	72.516	171			

CL9) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.2216	1.0646	1.1474	0.25287
cond_char_0.5	1.4814	1.6127	0.91858	0.35967
cond_char_0.75	0.94595	1.7239	0.54873	0.58393
cond_char_1.0	0.55471	1.7135	0.32373	0.74656
mean_MLexc_mean	13.046	8.7021	1.4992	0.13574

<code>cond_char_0.5:mean_MLexc_mean</code>	-15.58	15.205	-1.0247	0.30703
<code>cond_char_0.75:mean_MLexc_mean</code>	-9.9266	20.678	-0.48005	0.63183
<code>cond_char_1.0:mean_MLexc_mean</code>	-2.3299	24.84	-0.093796	0.92539

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.05

R-squared: 0.0206, Adjusted R-Squared: -0.0212

F-statistic vs. constant model: 0.493, p-value = 0.839

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.7503	3	1.2501	0.29755	0.82713
<code>mean_MLexc_mean</code>	2.2153	1	2.2153	0.52729	0.46879
<code>cond_char:mean_MLexc_mean</code>	4.7359	3	1.5786	0.37575	0.77061
<code>Error</code>	689.01	164	4.2013		
<code>Total</code>	703.51	171			

CL9) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.69895	0.49908	1.4005	0.16326
<code>cond_char_0.5</code>	0.55965	0.75602	0.74025	0.46021
<code>cond_char_0.75</code>	-0.051669	0.80815	-0.063935	0.9491
<code>cond_char_1.0</code>	0.013451	0.80329	0.016744	0.98666
<code>mean_MLexc_mean</code>	1.4804	4.0795	0.36288	0.71716
<code>cond_char_0.5:mean_MLexc_mean</code>	-6.3396	7.1278	-0.88941	0.37508
<code>cond_char_0.75:mean_MLexc_mean</code>	-0.18985	9.6938	-0.019585	0.9844
<code>cond_char_1.0:mean_MLexc_mean</code>	-0.82494	11.645	-0.070841	0.94361

Number of observations: 172, Error degrees of freedom: 164

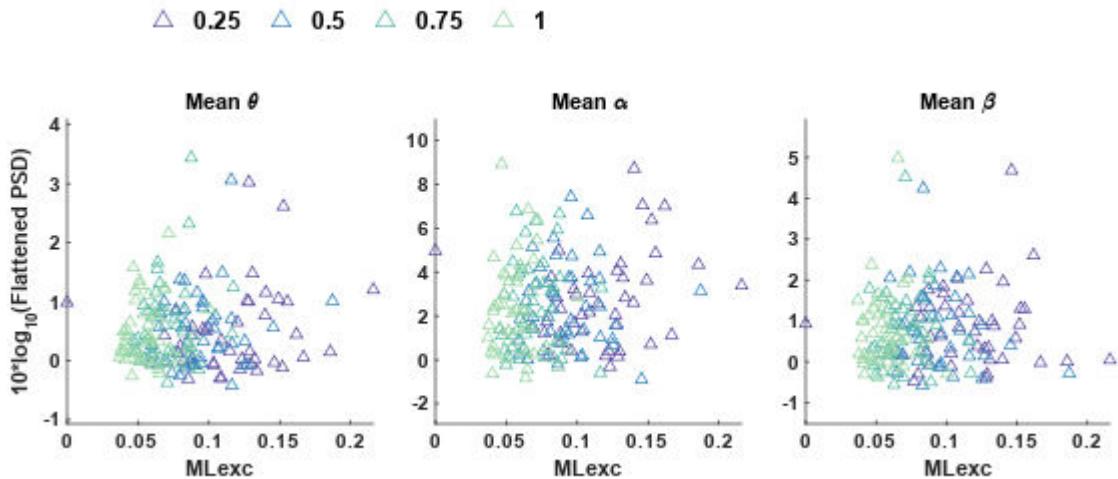
Root Mean Squared Error: 0.961

R-squared: 0.0083, Adjusted R-Squared: -0.034

F-statistic vs. constant model: 0.196, p-value = 0.986

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.6979	3	0.23263	0.25195	0.85986
<code>mean_MLexc_mean</code>	0.0076713	1	0.0076713	0.0083084	0.92748
<code>cond_char:mean_MLexc_mean</code>	0.77489	3	0.2583	0.27975	0.83996
<code>Error</code>	151.42	164	0.92332		
<code>Total</code>	152.69	171			

### CL9: Rolandic\_Oper\_L



CL9) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power

Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.1023	0.43618	0.23453	0.81487
cond_char_0.5	-0.56386	0.85985	-0.65576	0.5129
cond_char_0.75	-1.0819	1.1102	-0.97454	0.33122
cond_char_1.0	-0.74739	1.3402	-0.55768	0.57782
mean_StepDur	0.35447	0.37949	0.93406	0.35165
cond_char_0.5:mean_StepDur	0.86337	1.0049	0.85917	0.3915
cond_char_0.75:mean_StepDur	2.0621	1.6037	1.2858	0.20033
cond_char_1.0:mean_StepDur	1.5992	2.2201	0.72032	0.47236

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 0.652

R-squared: 0.0387, Adjusted R-Squared: -0.00235

F-statistic vs. constant model: 0.943, p-value = 0.475

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.55708	3	0.18569	0.43686	0.72692
mean_StepDur	1.8255	1	1.8255	4.2946	0.039798
cond_char:mean_StepDur	1.1058	3	0.36858	0.86712	0.45946
Error	69.711	164	0.42507		
Total	72.516	171			

CL9) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.3833	1.3656	2.4775	0.014244
cond_char_0.5	2.7236	2.6921	1.0117	0.31316
cond_char_0.75	2.4035	3.4759	0.69148	0.49024
cond_char_1.0	-0.2736	4.1958	-0.065209	0.94809
mean_StepDur	-0.56837	1.1881	-0.47837	0.63302

<code>cond_char_0.5:mean_StepDur</code>	-4.0464	3.1461	-1.2861	0.20021
<code>cond_char_0.75:mean_StepDur</code>	-4.6456	5.0211	-0.92521	0.35622
<code>cond_char_1.0:mean_StepDur</code>	-0.69915	6.9508	-0.10059	0.92

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.04

R-squared: 0.0287, Adjusted R-Squared: -0.0128

F-statistic vs. constant model: 0.692, p-value = 0.679

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.6468	3	1.8823	0.45175	0.7164
<code>mean_StepDur</code>	7.0337	1	7.0337	1.6881	0.19567
<code>cond_char:mean_StepDur</code>	9.6504	3	3.2168	0.77204	0.5112
<code>Error</code>	683.33	164	4.1666		
<code>Total</code>	703.51	171			

CL9) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.28737	0.62927	-0.45667	0.64851
<code>cond_char_0.5</code>	-0.074537	1.2405	-0.060087	0.95216
<code>cond_char_0.75</code>	-0.84889	1.6017	-0.53	0.59683
<code>cond_char_1.0</code>	-1.2819	1.9334	-0.66304	0.50824
<code>mean_StepDur</code>	1.036	0.54749	1.8923	0.06021
<code>cond_char_0.5:mean_StepDur</code>	0.43942	1.4497	0.30311	0.76219
<code>cond_char_0.75:mean_StepDur</code>	1.8383	2.3137	0.79454	0.42803
<code>cond_char_1.0:mean_StepDur</code>	2.9785	3.2029	0.92995	0.35377

Number of observations: 172, Error degrees of freedom: 164

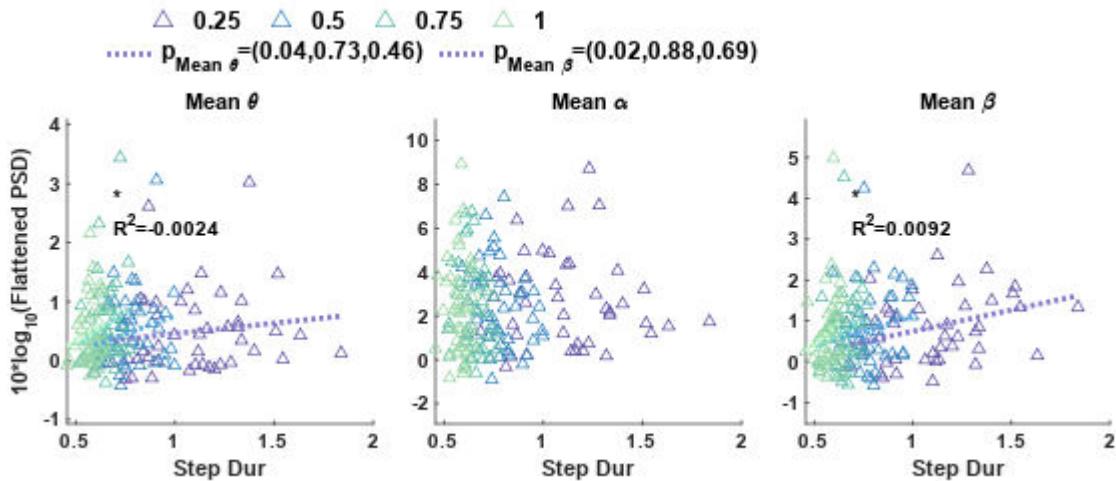
Root Mean Squared Error: 0.941

R-squared: 0.0498, Adjusted R-Squared: 0.00921

F-statistic vs. constant model: 1.23, p-value = 0.291

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.58313	3	0.19438	0.2197	0.88262
<code>mean_StepDur</code>	4.5682	1	4.5682	5.1634	0.024366
<code>cond_char:mean_StepDur</code>	1.301	3	0.43365	0.49016	0.68959
<code>Error</code>	145.09	164	0.88471		
<code>Total</code>	152.69	171			

### CL9: Rolandic\_Oper\_L



CL9) Variable: mean\_UDexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.43852	0.40261	1.0892	0.27767
cond_char_0.5	-0.055046	0.64856	-0.084873	0.93247
cond_char_0.75	0.8774	0.61376	1.4295	0.15475
cond_char_1.0	0.60967	0.5364	1.1366	0.25737
mean_UDexc_COV	0.0031271	0.020174	0.15501	0.877
cond_char_0.5:mean_UDexc_COV	0.0050709	0.040593	0.12492	0.90074
cond_char_0.75:mean_UDexc_COV	-0.07255	0.048075	-1.5091	0.1332
cond_char_1.0:mean_UDexc_COV	-0.072061	0.046146	-1.5616	0.12031

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 0.653

R-squared: 0.0363, Adjusted R-Squared: -0.00484

F-statistic vs. constant model: 0.882, p-value = 0.522

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.3614	3	0.45381	1.065	0.36559
mean_UDexc_COV	1.3037	1	1.3037	3.0594	0.082141
cond_char:mean_UDexc_COV	1.9102	3	0.63673	1.4942	0.21808
Error	69.884	164	0.42612		
Total	72.516	171			

CL9) Variable: mean\_UDexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	4.485	1.2232	3.6668	0.0003315
cond_char_0.5	-0.67935	1.9704	-0.34478	0.7307
cond_char_0.75	0.57216	1.8646	0.30685	0.75935
cond_char_1.0	0.66211	1.6296	0.4063	0.68505
mean_UDexc_COV	-0.089865	0.061289	-1.4663	0.14449

<code>cond_char_0.5:mean_UDexc_COV</code>	-0.0048379	0.12332	-0.03923	0.96876
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.16768	0.14606	-1.1481	0.2526
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.24802	0.14019	-1.7691	0.07873

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 1.98

R-squared: 0.0831, Adjusted R-Squared: 0.044

F-statistic vs. constant model: 2.12, p-value = 0.0437

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.3676	3	0.7892	0.20066	0.89581
<code>mean_UDexc_COV</code>	49.153	1	49.153	12.497	0.00052981
<code>cond_char:mean_UDexc_COV</code>	16.088	3	5.3627	1.3635	0.25584
<code>Error</code>	645.01	164	3.933		
<code>Total</code>	703.51	171			

CL9) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_UDexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.5694	0.57477	2.7305	0.007015
<code>cond_char_0.5</code>	0.23985	0.92589	0.25905	0.79592
<code>cond_char_0.75</code>	0.48906	0.8762	0.55815	0.5775
<code>cond_char_1.0</code>	0.090338	0.76576	0.11797	0.90623
<code>mean_UDexc_COV</code>	-0.036061	0.0288	-1.2521	0.2123
<code>cond_char_0.5:mean_UDexc_COV</code>	-0.035063	0.05795	-0.60505	0.54598
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.091294	0.068632	-1.3302	0.1853
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.075033	0.065878	-1.139	0.25637

Number of observations: 172, Error degrees of freedom: 164

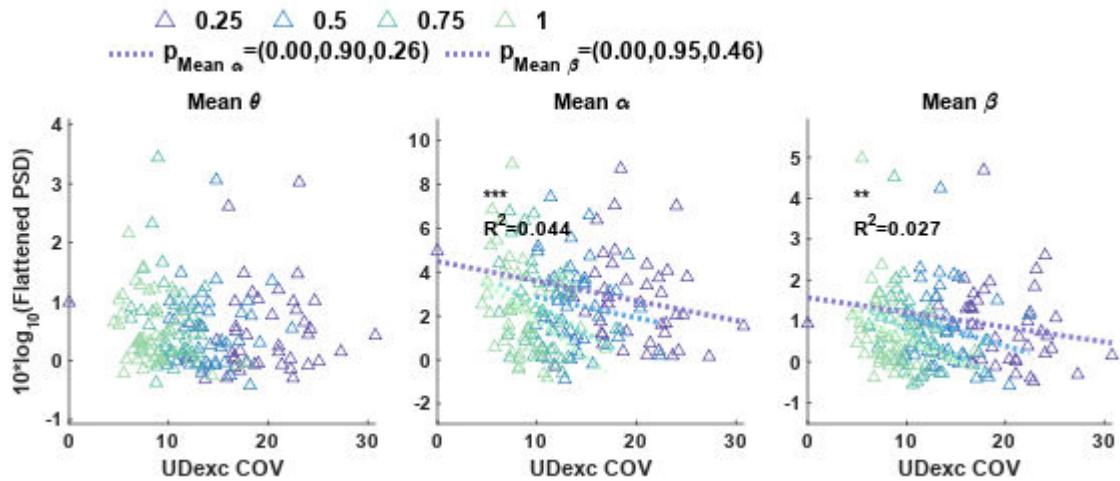
Root Mean Squared Error: 0.932

R-squared: 0.0672, Adjusted R-Squared: 0.0274

F-statistic vs. constant model: 1.69, p-value = 0.115

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.30756	3	0.10252	0.11805	0.9494
<code>mean_UDexc_COV</code>	9.6514	1	9.6514	11.113	0.0010596
<code>cond_char:mean_UDexc_COV</code>	2.2811	3	0.76037	0.87555	0.45509
<code>Error</code>	142.43	164	0.86845		
<code>Total</code>	152.69	171			

### CL9: Rolandic\_Oper\_L



CL9) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.83207	0.29352	2.8348	0.0051629
cond_char_0.5	-0.08938	0.5523	-0.16183	0.87164
cond_char_0.75	-0.69253	0.63904	-1.0837	0.28008
cond_char_1.0	-1.3148	0.65713	-2.0008	0.047061
mean_UDexc_mean	-23.111	19.158	-1.2063	0.22943
cond_char_0.5:mean_UDexc_mean	10.968	29.801	0.36803	0.71333
cond_char_0.75:mean_UDexc_mean	40.085	28.26	1.4185	0.15795
cond_char_1.0:mean_UDexc_mean	50.272	25.149	1.9989	0.04727

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 0.653

R-squared: 0.0353, Adjusted R-Squared: -0.00593

F-statistic vs. constant model: 0.856, p-value = 0.543

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.0054	3	0.66846	1.567	0.19939
mean_UDexc_mean	0.021222	1	0.021222	0.049747	0.82378
cond_char:mean_UDexc_mean	2.0898	3	0.6966	1.633	0.18375
Error	69.96	164	0.42659		
Total	72.516	171			

CL9) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.1298	0.91319	3.4273	0.00077076
cond_char_0.5	1.1216	1.7183	0.65277	0.51482
cond_char_0.75	-0.96696	1.9881	-0.48636	0.62736
cond_char_1.0	-4.1975	2.0444	-2.0532	0.041645
mean_UDexc_mean	-26.54	59.603	-0.44528	0.6567

<code>cond_char_0.5:mean_UDexc_mean</code>	-62.662	92.716	-0.67585	0.50009
<code>cond_char_0.75:mean_UDexc_mean</code>	34.872	87.919	0.39664	0.69215
<code>cond_char_1.0:mean_UDexc_mean</code>	123.42	78.243	1.5774	0.11662

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.03

R-squared: 0.0375, Adjusted R-Squared: -0.00362

F-statistic vs. constant model: 0.912, p-value = 0.499

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	23.502	3	7.8341	1.8973	0.13207
<code>mean_UDexc_mean</code>	0.029822	1	0.029822	0.0072227	0.93238
<code>cond_char:mean_UDexc_mean</code>	21.697	3	7.2322	1.7516	0.15854
<code>Error</code>	677.15	164	4.129		
<code>Total</code>	703.51	171			

CL9) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_UDexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.68585	0.43154	1.5893	0.11392
<code>cond_char_0.5</code>	0.34255	0.81198	0.42186	0.67368
<code>cond_char_0.75</code>	-0.34276	0.93951	-0.36483	0.71571
<code>cond_char_1.0</code>	-0.55107	0.96611	-0.5704	0.56919
<code>mean_UDexc_mean</code>	12.921	28.166	0.45875	0.64702
<code>cond_char_0.5:mean_UDexc_mean</code>	-24.203	43.814	-0.55242	0.58142
<code>cond_char_0.75:mean_UDexc_mean</code>	1.7613	41.547	0.042392	0.96624
<code>cond_char_1.0:mean_UDexc_mean</code>	4.3551	36.975	0.11779	0.90638

Number of observations: 172, Error degrees of freedom: 164

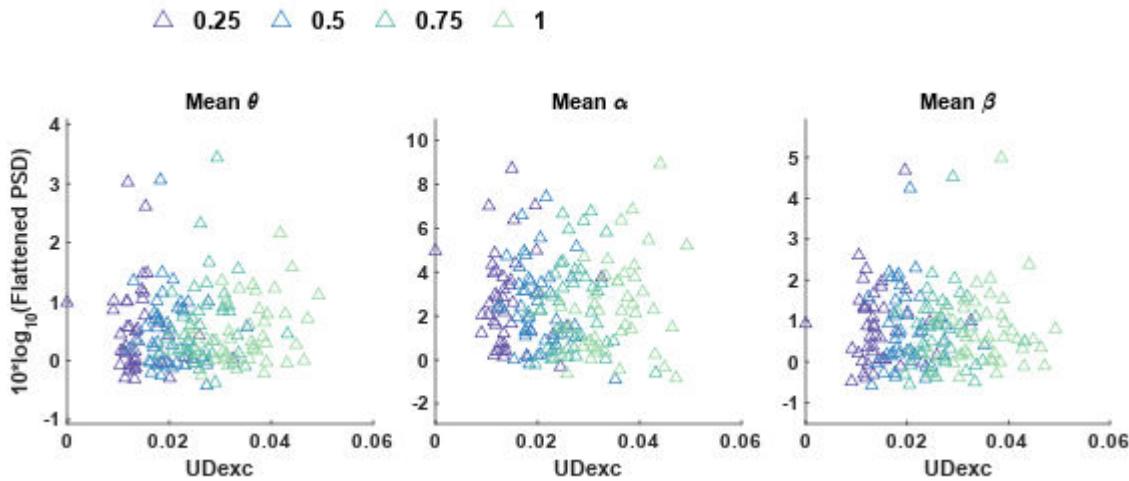
Root Mean Squared Error: 0.96

R-squared: 0.00966, Adjusted R-Squared: -0.0326

F-statistic vs. constant model: 0.229, p-value = 0.978

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.73602	3	0.24534	0.26608	0.84977
<code>mean_UDexc_mean</code>	0.30378	1	0.30378	0.32946	0.56676
<code>cond_char:mean_UDexc_mean</code>	0.48631	3	0.1621	0.17581	0.91266
<code>Error</code>	151.22	164	0.92205		
<code>Total</code>	152.69	171			

### CL9: Rolandic\_Oper\_L



CL9) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.024198	0.41363	-0.058501	0.95342
cond_char_0.5	-0.64153	0.8343	-0.76895	0.44303
cond_char_0.75	-1.5435	1.1743	-1.3144	0.19055
cond_char_1.0	-1.0086	1.4353	-0.70272	0.48323
mean_StanceDur	0.31827	0.2444	1.3022	0.19466
cond_char_0.5:mean_StanceDur	0.78479	0.72214	1.0867	0.27874
cond_char_0.75:mean_StanceDur	2.2725	1.3332	1.7046	0.090166
cond_char_1.0:mean_StanceDur	1.7757	1.9093	0.93004	0.35372

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 0.645

R-squared: 0.059, Adjusted R-Squared: 0.0189

F-statistic vs. constant model: 1.47, p-value = 0.181

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.95039	3	0.3168	0.76141	0.51726
mean_StanceDur	2.6633	1	2.6633	6.401	0.012348
cond_char:mean_StanceDur	1.9113	3	0.63711	1.5313	0.20837
Error	68.235	164	0.41607		
Total	72.516	171			

CL9) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.1577	1.3106	2.4094	0.017088
cond_char_0.5	2.6765	2.6435	1.0125	0.31279
cond_char_0.75	3.0164	3.7207	0.81072	0.4187
cond_char_1.0	-1.0165	4.5479	-0.22352	0.82341
mean_StanceDur	-0.24966	0.7744	-0.3224	0.74756

<code>cond_char_0.5:mean_StanceDur</code>	-2.9396	2.2881	-1.2847	0.2007
<code>cond_char_0.75:mean_StanceDur</code>	-4.2848	4.2242	-1.0144	0.31191
<code>cond_char_1.0:mean_StanceDur</code>	0.57644	6.0496	0.095286	0.9242

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.04

R-squared: 0.0262, Adjusted R-Squared: -0.0153

F-statistic vs. constant model: 0.631, p-value = 0.729

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	6.764	3	2.2547	0.53976	0.65571
<code>mean_StanceDur</code>	4.1766	1	4.1766	0.99989	0.31881
<code>cond_char:mean_StanceDur</code>	10.679	3	3.5596	0.85218	0.4673
<code>Error</code>	685.05	164	4.1771		
<code>Total</code>	703.51	171			

CL9) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StanceDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.27684	0.60296	-0.45913	0.64675
<code>cond_char_0.5</code>	-0.18037	1.2162	-0.14831	0.88228
<code>cond_char_0.75</code>	-0.83227	1.7117	-0.48621	0.62747
<code>cond_char_1.0</code>	-1.4358	2.0923	-0.68623	0.49354
<code>mean_StanceDur</code>	0.69892	0.35627	1.9617	0.051486
<code>cond_char_0.5:mean_StanceDur</code>	0.49353	1.0527	0.46883	0.63982
<code>cond_char_0.75:mean_StanceDur</code>	1.5127	1.9434	0.7784	0.43746
<code>cond_char_1.0:mean_StanceDur</code>	2.7015	2.7832	0.97063	0.33316

Number of observations: 172, Error degrees of freedom: 164

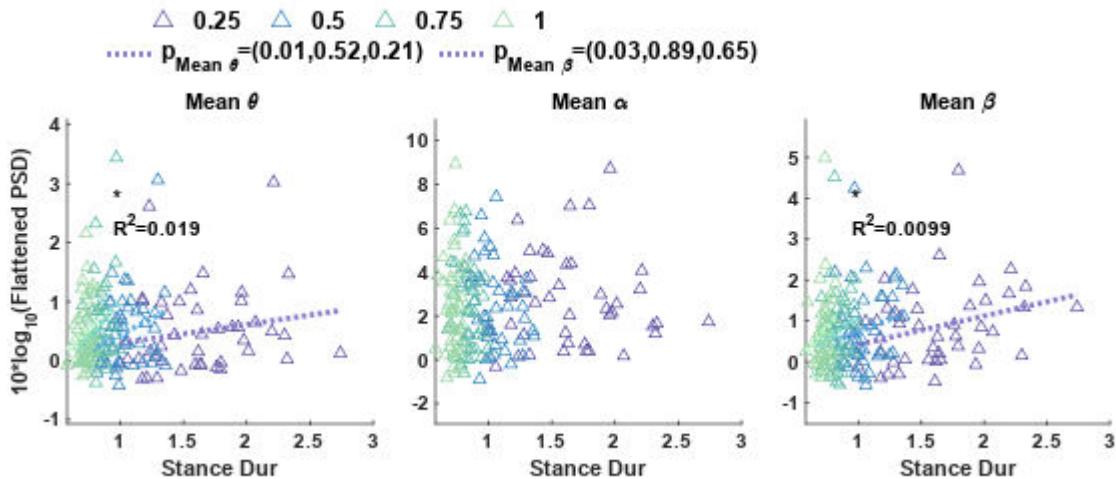
Root Mean Squared Error: 0.94

R-squared: 0.0504, Adjusted R-Squared: 0.00986

F-statistic vs. constant model: 1.24, p-value = 0.282

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.57162	3	0.19054	0.21551	0.88554
<code>mean_StanceDur</code>	4.0216	1	4.0216	4.5487	0.034432
<code>cond_char:mean_StanceDur</code>	1.4669	3	0.48895	0.55303	0.64681
<code>Error</code>	145	164	0.88413		
<code>Total</code>	152.69	171			

### CL9: Rolandic\_Oper\_L



CL9) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.10505	0.43622	0.24083	0.80999
cond_char_0.5	-0.56825	0.85872	-0.66174	0.50907
cond_char_0.75	-1.0906	1.1134	-0.97952	0.32876
cond_char_1.0	-0.77886	1.3352	-0.58332	0.56048
mean_GaitCycleDur	0.17586	0.1896	0.92748	0.35504
cond_char_0.5:mean_GaitCycleDur	0.43383	0.50142	0.86522	0.38818
cond_char_0.75:mean_GaitCycleDur	1.0368	0.80432	1.289	0.1992
cond_char_1.0:mean_GaitCycleDur	0.82545	1.1051	0.74693	0.45618

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 0.652

R-squared: 0.039, Adjusted R-Squared: -0.00206

F-statistic vs. constant model: 0.95, p-value = 0.47

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.57112	3	0.19037	0.448	0.71905
mean_GaitCycleDur	1.867	1	1.867	4.3936	0.037609
cond_char:mean_GaitCycleDur	1.1269	3	0.37563	0.88396	0.45075
Error	69.691	164	0.42494		
Total	72.516	171			

CL9) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.3899	1.3659	2.4819	0.014077
cond_char_0.5	2.72	2.6888	1.0116	0.31321
cond_char_0.75	2.4054	3.4861	0.69001	0.49116
cond_char_1.0	-0.24186	4.1807	-0.057853	0.95394
mean_GaitCycleDur	-0.28687	0.59368	-0.48321	0.62959

<code>cond_char_0.5:mean_GaitCycleDur</code>	-2.0214	1.57	-1.2875	0.19974
<code>cond_char_0.75:mean_GaitCycleDur</code>	-2.3263	2.5184	-0.92372	0.35699
<code>cond_char_1.0:mean_GaitCycleDur</code>	-0.37979	3.4603	-0.10976	0.91274

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.04

R-squared: 0.0288, Adjusted R-Squared: -0.0127

F-statistic vs. constant model: 0.695, p-value = 0.677

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.6243	3	1.8748	0.45	0.71763
<code>mean_GaitCycleDur</code>	7.1625	1	7.1625	1.7192	0.19163
<code>cond_char:mean_GaitCycleDur</code>	9.6541	3	3.218	0.77243	0.51098
<code>Error</code>	683.25	164	4.1661		
<code>Total</code>	703.51	171			

CL9) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.28781	0.62937	-0.4573	0.64806
<code>cond_char_0.5</code>	-0.063227	1.239	-0.051032	0.95936
<code>cond_char_0.75</code>	-0.84593	1.6063	-0.52662	0.59917
<code>cond_char_1.0</code>	-1.3125	1.9264	-0.6813	0.49664
<code>mean_GaitCycleDur</code>	0.51777	0.27356	1.8927	0.060157
<code>cond_char_0.5:mean_GaitCycleDur</code>	0.21275	0.72344	0.29408	0.76907
<code>cond_char_0.75:mean_GaitCycleDur</code>	0.91733	1.1605	0.79048	0.43039
<code>cond_char_1.0:mean_GaitCycleDur</code>	1.5155	1.5945	0.95051	0.34325

Number of observations: 172, Error degrees of freedom: 164

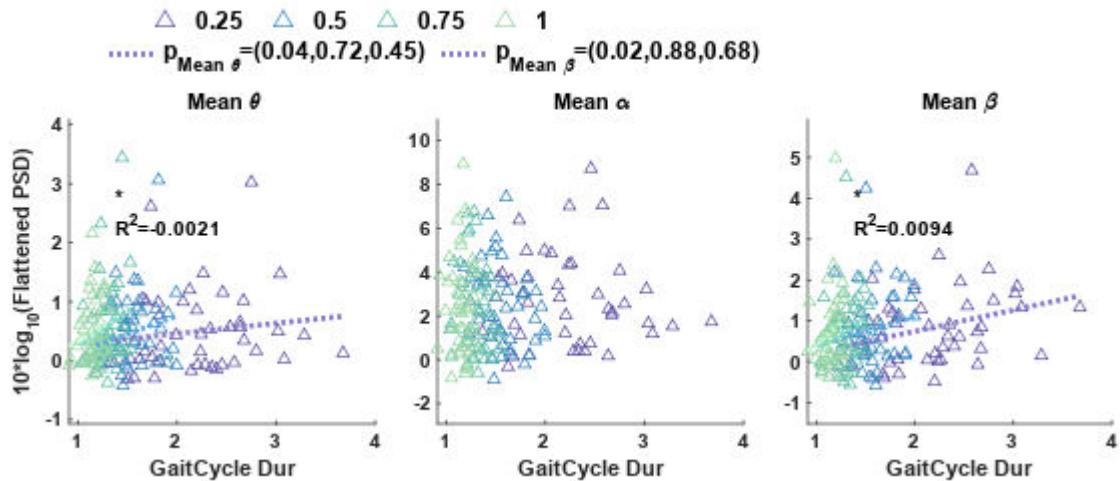
Root Mean Squared Error: 0.941

R-squared: 0.0499, Adjusted R-Squared: 0.00935

F-statistic vs. constant model: 1.23, p-value = 0.289

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.60306	3	0.20102	0.22725	0.87734
<code>mean_GaitCycleDur</code>	4.6167	1	4.6167	5.2191	0.023622
<code>cond_char:mean_GaitCycleDur</code>	1.3253	3	0.44178	0.49942	0.6832
<code>Error</code>	145.07	164	0.88458		
<code>Total</code>	152.69	171			

### CL9: Rolandic\_Oper\_L



CL9) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.93287	0.31886	2.9256	0.0039254
cond_char_0.5	-0.17584	0.56112	-0.31338	0.75439
cond_char_0.75	-0.37699	0.60982	-0.6182	0.5373
cond_char_1.0	-1.0395	0.63734	-1.631	0.10482
mean_PeakUpDownVel_mean	-3.8327	2.6744	-1.4331	0.15373
cond_char_0.5:mean_PeakUpDownVel_mean	2.5494	3.4926	0.72993	0.46648
cond_char_0.75:mean_PeakUpDownVel_mean	3.9699	3.1892	1.2448	0.21499
cond_char_1.0:mean_PeakUpDownVel_mean	5.2713	2.984	1.7665	0.079174

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 0.656

R-squared: 0.0259, Adjusted R-Squared: -0.0156

F-statistic vs. constant model: 0.624, p-value = 0.736

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1818	3	0.39393	0.91462	0.43525
mean_PeakUpDownVel_mean	0.31812	1	0.31812	0.73861	0.39136
cond_char:mean_PeakUpDownVel_mean	1.5345	3	0.51151	1.1876	0.3162
Error	70.635	164	0.4307		
Total	72.516	171			

CL9) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.5383	0.98896	3.5778	0.00045585
cond_char_0.5	0.96159	1.7403	0.55254	0.58133
cond_char_0.75	0.26304	1.8914	0.13907	0.88956
cond_char_1.0	-3.0365	1.9767	-1.5361	0.12643
mean_PeakUpDownVel_mean	-6.9874	8.2946	-0.84239	0.40079

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-3.1532	10.832	-0.29109	0.77135
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	2.1698	9.8914	0.21936	0.82664
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	11.563	9.255	1.2494	0.21331

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.04

R-squared: 0.0342, Adjusted R-Squared: -0.00705

F-statistic vs. constant model: 0.829, p-value = 0.565

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	14.616	3	4.8719	1.1759	0.32064
<code>mean_PeakUpDownVel_mean</code>	7.6577	1	7.6577	1.8483	0.17584
<code>cond_char:mean_PeakUpDownVel_mean</code>	18.826	3	6.2752	1.5146	0.21268
<code>Error</code>	679.46	164	4.1431		
<code>Total</code>	703.51	171			

CL9) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.0296	0.46721	2.2037	0.028939
<code>cond_char_0.5</code>	0.10584	0.82216	0.12873	0.89773
<code>cond_char_0.75</code>	-0.025697	0.89353	-0.028759	0.97709
<code>cond_char_1.0</code>	-0.53096	0.93385	-0.56856	0.57043
<code>mean_PeakUpDownVel_mean</code>	-1.3915	3.9186	-0.35509	0.72298
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-0.26791	5.1175	-0.052351	0.95831
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	0.48595	4.673	0.10399	0.9173
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	2.0026	4.3723	0.45801	0.64755

Number of observations: 172, Error degrees of freedom: 164

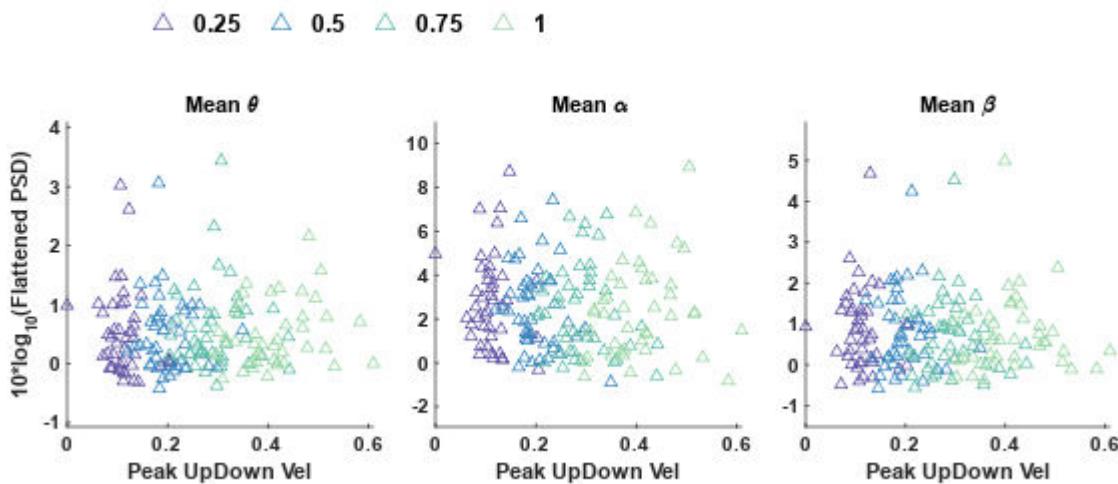
Root Mean Squared Error: 0.962

R-squared: 0.00684, Adjusted R-Squared: -0.0356

F-statistic vs. constant model: 0.161, p-value = 0.992

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.38633	3	0.12878	0.13927	0.93639
<code>mean_PeakUpDownVel_mean</code>	0.28403	1	0.28403	0.30717	0.58018
<code>cond_char:mean_PeakUpDownVel_mean</code>	0.48218	3	0.16073	0.17382	0.91399
<code>Error</code>	151.65	164	0.92468		
<code>Total</code>	152.69	171			

### CL9: Rolandic\_Oper\_L



CL10) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.2818	0.28208	0.999	0.31861
cond_char_0.5	0.17403	0.4511	0.38579	0.69993
cond_char_0.75	0.56612	0.47435	1.1935	0.23365
cond_char_1.0	0.44714	0.40845	1.0947	0.27453
mean_APexc_COV	-0.0014336	0.011774	-0.12177	0.90317
cond_char_0.5:mean_APexc_COV	-0.0086495	0.020305	-0.42597	0.67044
cond_char_0.75:mean_APexc_COV	-0.025396	0.022163	-1.1459	0.25277
cond_char_1.0:mean_APexc_COV	-0.016911	0.018569	-0.91072	0.36318

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 0.834

R-squared: 0.0174, Adjusted R-Squared: -0.00588

F-statistic vs. constant model: 0.747, p-value = 0.632

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.358	3	0.45267	0.65091	0.58293
mean_APexc_COV	2.3017	1	2.3017	3.3096	0.069886
cond_char:mean_APexc_COV	1.135	3	0.37833	0.54402	0.65254
Error	205.85	296	0.69544		
Total	209.49	303			

CL10) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.4303	0.90674	3.7832	0.00018737
cond_char_0.5	1.1037	1.45	0.76112	0.44719
cond_char_0.75	1.7061	1.5248	1.1189	0.26409
cond_char_1.0	1.0333	1.3129	0.78699	0.43192
mean_APexc_COV	-0.014229	0.037845	-0.37599	0.7072

cond_char_0.5:mean_APexc_COV	-0.067911	0.065271	-1.0405	0.29898
cond_char_0.75:mean_APexc_COV	-0.10089	0.071241	-1.4162	0.15777
cond_char_1.0:mean_APexc_COV	-0.066062	0.05969	-1.1067	0.2693

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 2.68

R-squared: 0.0315, Adjusted R-Squared: 0.00863

F-statistic vs. constant model: 1.38, p-value = 0.215

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	10.44	3	3.48	0.4843	0.69344
mean_APexc_COV	60.971	1	60.971	8.4849	0.0038537
cond_char:mean_APexc_COV	19.137	3	6.3789	0.88771	0.44781
Error	2127	296	7.1858		
Total	2196.3	303			

CL10) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.7158	0.5303	5.1212	5.4807e-07
cond_char_0.5	-1.0963	0.84806	-1.2927	0.19713
cond_char_0.75	-0.98515	0.89176	-1.1047	0.27018
cond_char_1.0	-0.56873	0.76786	-0.74066	0.45949
mean_APexc_COV	0.0092046	0.022134	0.41586	0.67781
cond_char_0.5:mean_APexc_COV	0.04541	0.038174	1.1896	0.23517
cond_char_0.75:mean_APexc_COV	0.042444	0.041665	1.0187	0.30918
cond_char_1.0:mean_APexc_COV	0.017135	0.03491	0.49084	0.6239

Number of observations: 304, Error degrees of freedom: 296

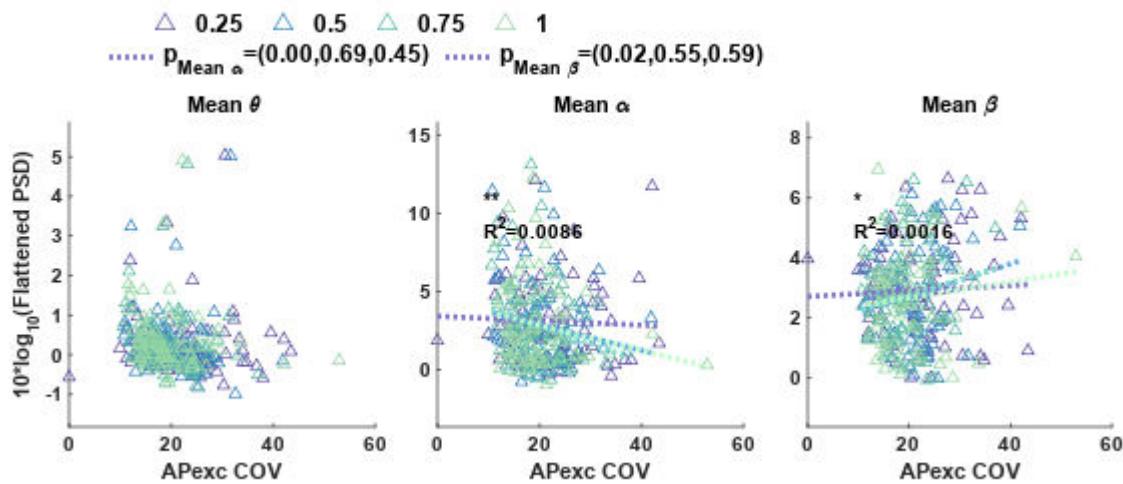
Root Mean Squared Error: 1.57

R-squared: 0.0247, Adjusted R-Squared: 0.00165

F-statistic vs. constant model: 1.07, p-value = 0.382

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	5.2179	3	1.7393	0.70765	0.54809
mean_APexc_COV	14.401	1	14.401	5.8592	0.016098
cond_char:mean_APexc_COV	4.6686	3	1.5562	0.63315	0.59415
Error	727.53	296	2.4579		
Total	745.97	303			

### CL10: Parietal\_Inf\_L



CL10) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.091251	0.29493	0.3094	0.75724
cond_char_0.5	0.35479	0.47247	0.75092	0.4533
cond_char_0.75	0.27792	0.52458	0.52979	0.59666
cond_char_1.0	0.29727	0.55073	0.53976	0.58977
mean_APexc_mean	2.5672	4.5231	0.56757	0.57075
cond_char_0.5:mean_APexc_mean	-6.4973	8.4357	-0.77022	0.44179
cond_char_0.75:mean_APexc_mean	-3.7294	11.054	-0.33738	0.73607
cond_char_1.0:mean_APexc_mean	-3.014	13.045	-0.23105	0.81744

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 0.839

R-squared: 0.00603, Adjusted R-Squared: -0.0175

F-statistic vs. constant model: 0.257, p-value = 0.97

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.49846	3	0.16615	0.23619	0.8711
mean_APexc_mean	0.019261	1	0.019261	0.027381	0.86869
cond_char:mean_APexc_mean	0.44188	3	0.14729	0.20939	0.88987
Error	208.22	296	0.70346		
Total	209.49	303			

CL10) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.9542	0.95264	2.0514	0.04111
cond_char_0.5	1.8887	1.5261	1.2376	0.21684
cond_char_0.75	1.1318	1.6944	0.66798	0.50467
cond_char_1.0	0.022596	1.7789	0.012702	0.98987
mean_APexc_mean	18.745	14.61	1.283	0.20048

cond_char_0.5:mean_APexc_mean	-38.546	27.248	-1.4147	0.15822
cond_char_0.75:mean_APexc_mean	-23.824	35.705	-0.66725	0.50513
cond_char_1.0:mean_APexc_mean	6.1049	42.136	0.14488	0.8849

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 2.71

R-squared: 0.0108, Adjusted R-Squared: -0.0125

F-statistic vs. constant model: 0.464, p-value = 0.86

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	13.447	3	4.4823	0.61073	0.60851
mean_APexc_mean	0.76358	1	0.76358	0.10404	0.74726
cond_char:mean_APexc_mean	17.198	3	5.7326	0.78108	0.50529
Error	2172.4	296	7.3393		
Total	2196.3	303			

CL10) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.7095	0.55672	4.867	1.8459e-06
cond_char_0.5	0.31862	0.89186	0.35725	0.72116
cond_char_0.75	0.27513	0.99022	0.27785	0.78132
cond_char_1.0	-0.2216	1.0396	-0.21316	0.83135
mean_APexc_mean	3.467	8.5379	0.40607	0.68498
cond_char_0.5:mean_APexc_mean	-9.2667	15.924	-0.58195	0.56104
cond_char_0.75:mean_APexc_mean	-9.1558	20.866	-0.4388	0.66113
cond_char_1.0:mean_APexc_mean	1.1511	24.624	0.046748	0.96275

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 1.58

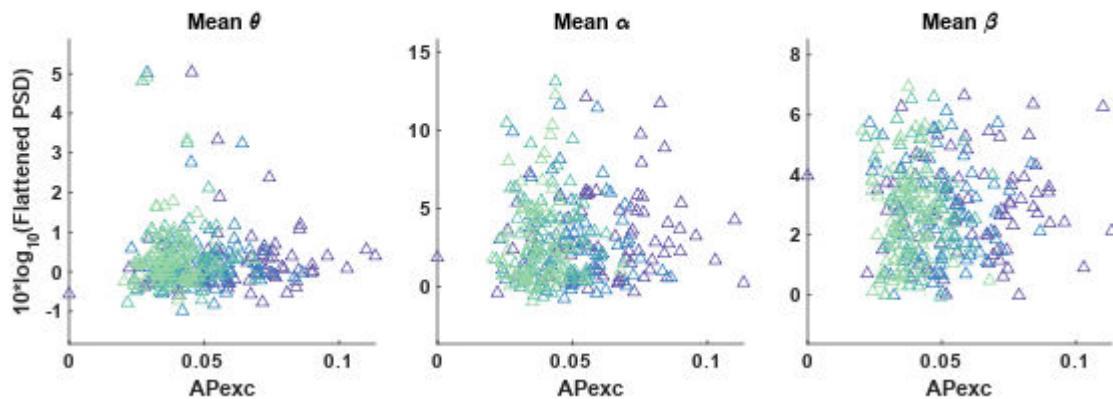
R-squared: 0.00541, Adjusted R-Squared: -0.0181

F-statistic vs. constant model: 0.23, p-value = 0.978

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.77835	3	0.25945	0.10351	0.95797
mean_APexc_mean	0.025259	1	0.025259	0.010077	0.92011
cond_char:mean_APexc_mean	1.1965	3	0.39885	0.15912	0.92374
Error	741.93	296	2.5065		
Total	745.97	303			

### CL10: Parietal\_Inf\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL10) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.20326	0.24257	0.83796	0.40273
cond_char_0.5	-0.19588	0.37649	-0.52028	0.60325
cond_char_0.75	-0.011057	0.41247	-0.026808	0.97863
cond_char_1.0	0.092688	0.44123	0.21007	0.83376
mean_MLexc_COV	0.0037182	0.017913	0.20757	0.83571
cond_char_0.5:mean_MLexc_COV	0.015114	0.027696	0.5457	0.58568
cond_char_0.75:mean_MLexc_COV	0.0050123	0.028178	0.17788	0.85894
cond_char_1.0:mean_MLexc_COV	0.00071827	0.027438	0.026178	0.97913

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 0.838

R-squared: 0.00738, Adjusted R-Squared: -0.0161

F-statistic vs. constant model: 0.314, p-value = 0.947

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.32132	3	0.10711	0.15246	0.92806
mean_MLexc_COV	0.53594	1	0.53594	0.7629	0.38313
cond_char:mean_MLexc_COV	0.24503	3	0.081676	0.11626	0.95053
Error	207.94	296	0.7025		
Total	209.49	303			

CL10) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.6424	0.78681	3.3583	0.00088672
cond_char_0.5	0.67413	1.2212	0.55201	0.58136
cond_char_0.75	0.24446	1.3379	0.18272	0.85515
cond_char_1.0	0.33934	1.4312	0.2371	0.81274
mean_MLexc_COV	0.037581	0.058104	0.6468	0.51826

<code>cond_char_0.5:mean_MLexc_COV</code>	-0.073738	0.089836	-0.82081	0.41242
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.038523	0.0914	-0.42148	0.67371
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.0423	0.089001	-0.47528	0.63494

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 2.72

R-squared: 0.00383, Adjusted R-Squared: -0.0197

F-statistic vs. constant model: 0.163, p-value = 0.992

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.2782	3	0.75941	0.10274	0.95841
<code>mean_MLexc_COV</code>	0.0075406	1	0.0075406	0.0010202	0.97454
<code>cond_char:mean_MLexc_COV</code>	5.1495	3	1.7165	0.23223	0.8739
<code>Error</code>	2187.8	296	7.3914		
<code>Total</code>	2196.3	303			

CL10) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.2049	0.45537	4.842	2.0748e-06
<code>cond_char_0.5</code>	0.025185	0.70678	0.035634	0.9716
<code>cond_char_0.75</code>	0.33738	0.77431	0.43571	0.66336
<code>cond_char_1.0</code>	0.67483	0.82831	0.8147	0.4159
<code>mean_MLexc_COV</code>	0.057783	0.033627	1.7183	0.086782
<code>cond_char_0.5:mean_MLexc_COV</code>	-0.018258	0.051992	-0.35116	0.72572
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.043903	0.052898	-0.82997	0.40723
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.070634	0.051509	-1.3713	0.17132

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 1.57

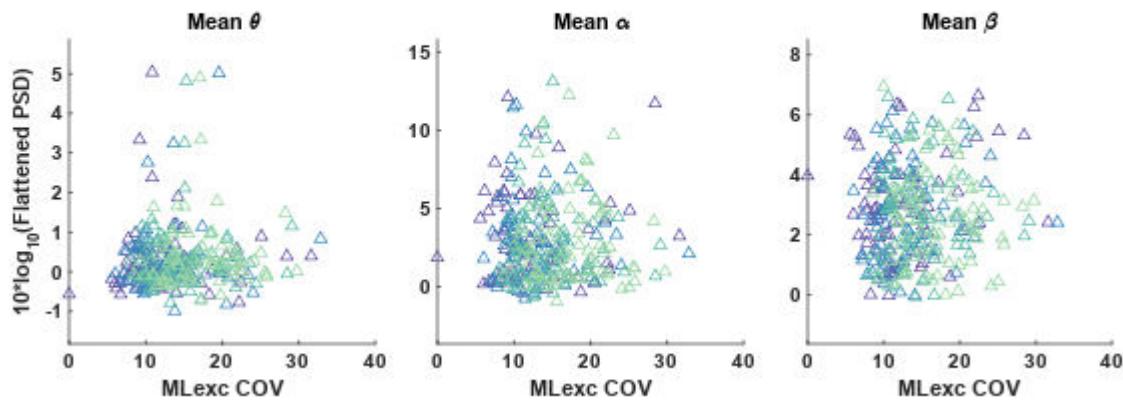
R-squared: 0.0176, Adjusted R-Squared: -0.0056

F-statistic vs. constant model: 0.759, p-value = 0.622

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.0122	3	0.67074	0.27093	0.84635
<code>mean_MLexc_COV</code>	4.0625	1	4.0625	1.6409	0.2012
<code>cond_char:mean_MLexc_COV</code>	5.1587	3	1.7196	0.69456	0.55599
<code>Error</code>	732.81	296	2.4757		
<code>Total</code>	745.97	303			

### CL10: Parietal\_Inf\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL10) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.0018157	0.33393	-0.0054374	0.99567
cond_char_0.5	0.57695	0.49368	1.1687	0.24348
cond_char_0.75	0.34031	0.52252	0.65129	0.51537
cond_char_1.0	0.69013	0.5345	1.2912	0.19765
mean_MLexc_mean	2.1228	2.7017	0.78572	0.43266
cond_char_0.5:mean_MLexc_mean	-5.574	4.5937	-1.2134	0.22595
cond_char_0.75:mean_MLexc_mean	-2.3782	6.1411	-0.38726	0.69885
cond_char_1.0:mean_MLexc_mean	-7.7635	7.7284	-1.0046	0.31593

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 0.837

R-squared: 0.0109, Adjusted R-Squared: -0.0125

F-statistic vs. constant model: 0.464, p-value = 0.86

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.5017	3	0.50056	0.71504	0.54367
mean_MLexc_mean	0.35151	1	0.35151	0.50212	0.47913
cond_char:mean_MLexc_mean	1.4474	3	0.48248	0.68921	0.55924
Error	207.21	296	0.70004		
Total	209.49	303			

CL10) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.5693	1.0791	3.3078	0.0010565
cond_char_0.5	0.7882	1.5953	0.49408	0.62161
cond_char_0.75	0.15904	1.6885	0.094194	0.92502
cond_char_1.0	0.98402	1.7272	0.56971	0.5693
mean_MLexc_mean	-3.8831	8.7305	-0.44477	0.65681

<code>cond_char_0.5:mean_MLexc_mean</code>	-12.066	14.844	-0.81285	0.41696
<code>cond_char_0.75:mean_MLexc_mean</code>	-8.2038	19.844	-0.41341	0.67961
<code>cond_char_1.0:mean_MLexc_mean</code>	-25.574	24.974	-1.024	0.30666

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 2.7

R-squared: 0.0148, Adjusted R-Squared: -0.00849

F-statistic vs. constant model: 0.635, p-value = 0.726

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.3888	3	1.1296	0.15453	0.92672
<code>mean_MLexc_mean</code>	25.37	1	25.37	3.4707	0.063457
<code>cond_char:mean_MLexc_mean</code>	10.536	3	3.5119	0.48043	0.69614
<code>Error</code>	2163.7	296	7.3099		
<code>Total</code>	2196.3	303			

CL10) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.7807	0.6256	6.0433	4.5329e-09
<code>cond_char_0.5</code>	0.065272	0.92487	0.070574	0.94378
<code>cond_char_0.75</code>	-0.34215	0.9789	-0.34953	0.72694
<code>cond_char_1.0</code>	-0.49666	1.0014	-0.49598	0.62027
<code>mean_MLexc_mean</code>	-7.2426	5.0615	-1.4309	0.15351
<code>cond_char_0.5:mean_MLexc_mean</code>	-4.4951	8.606	-0.52232	0.60184
<code>cond_char_0.75:mean_MLexc_mean</code>	-2.5419	11.505	-0.22094	0.82529
<code>cond_char_1.0:mean_MLexc_mean</code>	-3.8868	14.479	-0.26845	0.78854

Number of observations: 304, Error degrees of freedom: 296

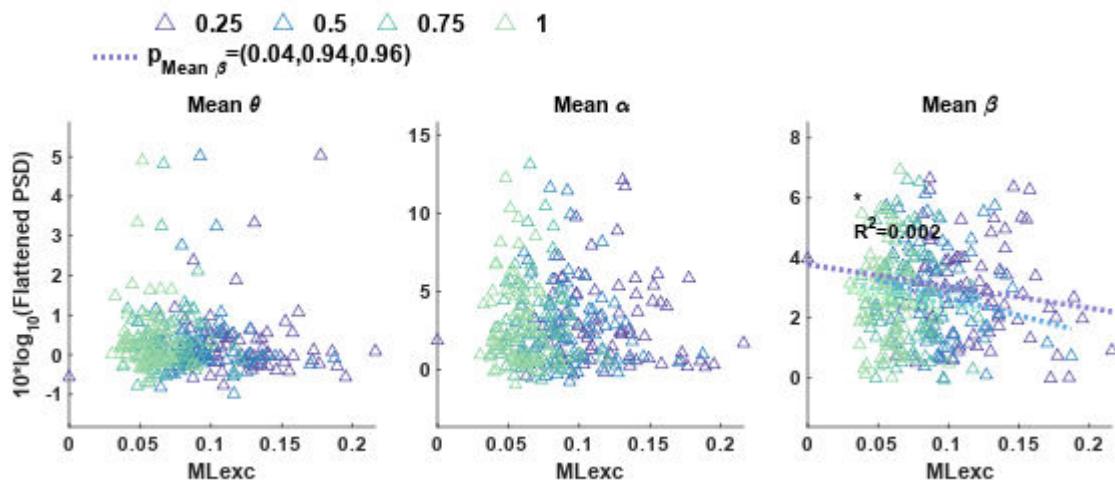
Root Mean Squared Error: 1.57

R-squared: 0.0251, Adjusted R-Squared: 0.00202

F-statistic vs. constant model: 1.09, p-value = 0.371

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.0286	3	0.34286	0.13955	0.93628
<code>mean_MLexc_mean</code>	10.719	1	10.719	4.3626	0.03759
<code>cond_char:mean_MLexc_mean</code>	0.74948	3	0.24983	0.10168	0.95901
<code>Error</code>	727.26	296	2.457		
<code>Total</code>	745.97	303			

### CL10: Parietal\_Inf\_L



CL10) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_StepDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.063968	0.40591	-0.15759	0.87489
cond_char_0.5	0.17727	0.774	0.22903	0.81901
cond_char_0.75	-0.50837	1.0037	-0.50649	0.61289
cond_char_1.0	-0.55476	1.1761	-0.4717	0.63749
mean_StepDur	0.27255	0.34294	0.79474	0.4274
cond_char_0.5:mean_StepDur	-0.10367	0.87901	-0.11794	0.9062
cond_char_0.75:mean_StepDur	1.0772	1.4223	0.75741	0.44941
cond_char_1.0:mean_StepDur	1.4352	1.9265	0.745	0.45686

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 0.836

R-squared: 0.012, Adjusted R-Squared: -0.0113

F-statistic vs. constant model: 0.515, p-value = 0.823

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.41315	3	0.13772	0.19696	0.89843
mean_StepDur	1.365	1	1.365	1.9521	0.1634
cond_char:mean_StepDur	0.79615	3	0.26538	0.37954	0.76782
Error	206.97	296	0.69921		
Total	209.49	303			

CL10) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_StepDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7165	1.3128	1.3075	0.19206
cond_char_0.5	0.44346	2.5033	0.17715	0.85951
cond_char_0.75	-0.5819	3.2462	-0.17926	0.85786
cond_char_1.0	-4.0923	3.8037	-1.0759	0.28286
mean_StepDur	1.2113	1.1091	1.0921	0.27566

<code>cond_char_0.5:mean_StepDur</code>	-0.35235	2.8429	-0.12394	0.90145
<code>cond_char_0.75:mean_StepDur</code>	1.4171	4.5999	0.30806	0.75825
<code>cond_char_1.0:mean_StepDur</code>	7.8855	6.2306	1.2656	0.20665

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 2.7

R-squared: 0.0143, Adjusted R-Squared: -0.00903

F-statistic vs. constant model: 0.613, p-value = 0.745

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	9.5904	3	3.1968	0.43709	0.72662
<code>mean_StepDur</code>	21.218	1	21.218	2.9011	0.089567
<code>cond_char:mean_StepDur</code>	12.596	3	4.1986	0.57407	0.63247
<code>Error</code>	2164.9	296	7.3138		
<code>Total</code>	2196.3	303			

CL10) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.3509	0.76103	4.4031	1.4923e-05
<code>cond_char_0.5</code>	1.334	1.4512	0.91929	0.35869
<code>cond_char_0.75</code>	2.3007	1.8818	1.2226	0.22245
<code>cond_char_1.0</code>	0.90863	2.205	0.41208	0.68058
<code>mean_StepDur</code>	-0.37184	0.64298	-0.57832	0.56349
<code>cond_char_0.5:mean_StepDur</code>	-2.045	1.648	-1.2409	0.21563
<code>cond_char_0.75:mean_StepDur</code>	-4.0211	2.6666	-1.508	0.13263
<code>cond_char_1.0:mean_StepDur</code>	-2.3862	3.6119	-0.66065	0.50935

Number of observations: 304, Error degrees of freedom: 296

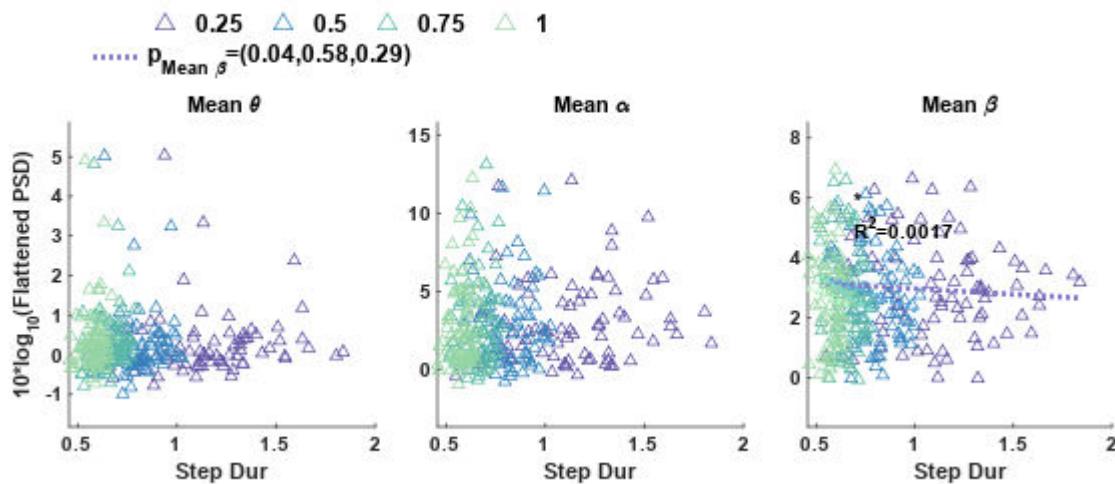
Root Mean Squared Error: 1.57

R-squared: 0.0247, Adjusted R-Squared: 0.00167

F-statistic vs. constant model: 1.07, p-value = 0.381

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.843	3	1.6143	0.65681	0.57924
<code>mean_StepDur</code>	11.015	1	11.015	4.4815	0.035097
<code>cond_char:mean_StepDur</code>	9.2618	3	3.0873	1.2561	0.28966
<code>Error</code>	727.52	296	2.4578		
<code>Total</code>	745.97	303			

### CL10: Parietal\_Inf\_L



CL10) Variable: mean\_UDexc\_COV, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.27903	0.38543	0.72394	0.46967
cond_char_0.5	-0.26639	0.62237	-0.42802	0.66895
cond_char_0.75	0.39774	0.57014	0.69763	0.48596
cond_char_1.0	0.55389	0.54134	1.0232	0.30706
mean_UDexc_COV	-0.0014735	0.01862	-0.079136	0.93698
cond_char_0.5:mean_UDexc_COV	0.017865	0.038049	0.46954	0.63903
cond_char_0.75:mean_UDexc_COV	-0.03212	0.04282	-0.75013	0.45378
cond_char_1.0:mean_UDexc_COV	-0.055163	0.048873	-1.1287	0.25994

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 0.836

R-squared: 0.0125, Adjusted R-Squared: -0.0109

F-statistic vs. constant model: 0.535, p-value = 0.808

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.5833	3	0.52775	0.75513	0.52012
mean_UDexc_COV	0.79657	1	0.79657	1.1398	0.28657
cond_char:mean_UDexc_COV	1.5811	3	0.52703	0.7541	0.52071
Error	206.87	296	0.69889		
Total	209.49	303			

CL10) Variable: mean\_UDexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.8355	1.2413	3.09	0.0021919
cond_char_0.5	-0.10085	2.0043	-0.050315	0.95991
cond_char_0.75	0.27204	1.8361	0.14816	0.88232
cond_char_1.0	1.7092	1.7434	0.98041	0.32768
mean_UDexc_COV	-0.036206	0.059965	-0.60379	0.54645

<code>cond_char_0.5:mean_UDexc_COV</code>	-0.024923	0.12253	-0.2034	0.83896
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.080176	0.1379	-0.58141	0.56141
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.28859	0.15739	-1.8335	0.06773

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 2.69

R-squared: 0.0231, Adjusted R-Squared: -1.35e-05

F-statistic vs. constant model: 0.999, p-value = 0.432

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	9.4687	3	3.1562	0.43544	0.7278
<code>mean_UDexc_COV</code>	40.727	1	40.727	5.6187	0.018411
<code>cond_char:mean_UDexc_COV</code>	25.224	3	8.4081	1.16	0.32526
<code>Error</code>	2145.5	296	7.2485		
<code>Total</code>	2196.3	303			

CL10) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_UDexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.0611	0.72949	4.1962	3.5924e-05
<code>cond_char_0.5</code>	0.36491	1.1779	0.30979	0.75694
<code>cond_char_0.75</code>	-0.49061	1.0791	-0.45466	0.64968
<code>cond_char_1.0</code>	-0.11139	1.0246	-0.10872	0.9135
<code>mean_UDexc_COV</code>	-0.0068749	0.035241	-0.19508	0.84546
<code>cond_char_0.5:mean_UDexc_COV</code>	-0.040775	0.072012	-0.56622	0.57168
<code>cond_char_0.75:mean_UDexc_COV</code>	0.02343	0.081043	0.28911	0.7727
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.028752	0.0925	-0.31083	0.75615

Number of observations: 304, Error degrees of freedom: 296

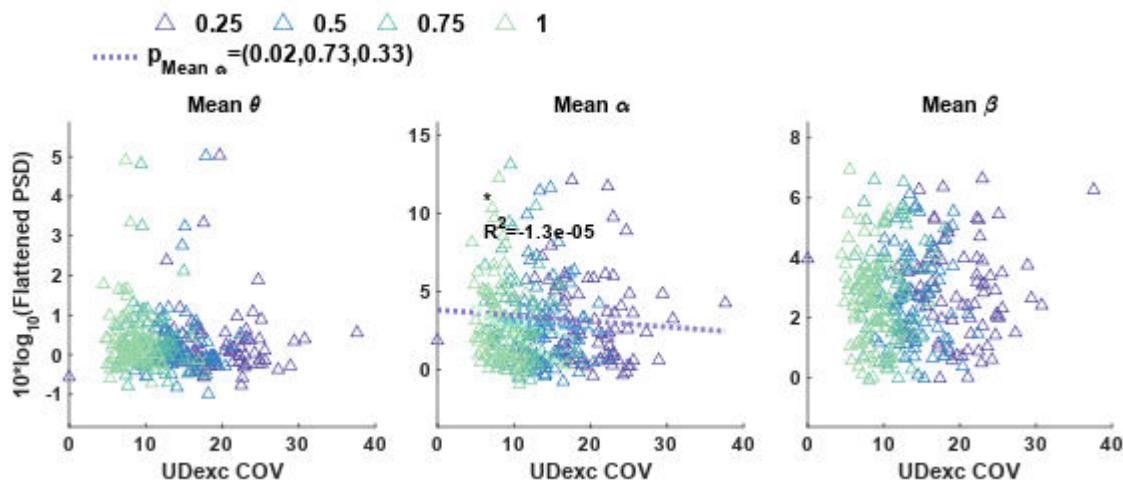
Root Mean Squared Error: 1.58

R-squared: 0.00661, Adjusted R-Squared: -0.0169

F-statistic vs. constant model: 0.281, p-value = 0.961

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.2813	3	0.42709	0.1706	0.9162
<code>mean_UDexc_COV</code>	0.76068	1	0.76068	0.30385	0.5819
<code>cond_char:mean_UDexc_COV</code>	1.42	3	0.47335	0.18907	0.9038
<code>Error</code>	741.04	296	2.5035		
<code>Total</code>	745.97	303			

### CL10: Parietal\_Inf\_L



CL10) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.16808	0.32597	0.51562	0.6065
cond_char_0.5	0.60301	0.55796	1.0807	0.28069
cond_char_0.75	0.16465	0.62072	0.26525	0.791
cond_char_1.0	0.24519	0.63465	0.38634	0.69952
mean_UDexc_mean	5.5215	21.126	0.26137	0.79399
cond_char_0.5:mean_UDexc_mean	-31.677	30.634	-1.034	0.30196
cond_char_0.75:mean_UDexc_mean	-5.9823	28.72	-0.2083	0.83514
cond_char_1.0:mean_UDexc_mean	-6.6981	26.052	-0.25711	0.79727

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 0.838

R-squared: 0.00878, Adjusted R-Squared: -0.0147

F-statistic vs. constant model: 0.375, p-value = 0.917

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.82729	3	0.27576	0.3931	0.75806
mean_UDexc_mean	0.22457	1	0.22457	0.32012	0.57196
cond_char:mean_UDexc_mean	0.88914	3	0.29638	0.42249	0.73701
Error	207.65	296	0.70151		
Total	209.49	303			

CL10) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.4776	1.0533	1.4029	0.16169
cond_char_0.5	1.6632	1.8029	0.92255	0.35699
cond_char_0.75	0.22438	2.0056	0.11187	0.911
cond_char_1.0	0.52037	2.0506	0.25376	0.79986
mean_UDexc_mean	110.68	68.261	1.6215	0.10598

<b>cond_char_0.5:mean_UDexc_mean</b>	-125.17	98.983	-1.2645	0.20703
<b>cond_char_0.75:mean_UDexc_mean</b>	-66.823	92.798	-0.72009	0.47204
<b>cond_char_1.0:mean_UDexc_mean</b>	-85.002	84.178	-1.0098	0.31342

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 2.71

R-squared: 0.0129, Adjusted R-Squared: -0.0104

F-statistic vs. constant model: 0.553, p-value = 0.794

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	6.4713	3	2.1571	0.29452	0.82935
<b>mean_UDexc_mean</b>	12.438	1	12.438	1.6982	0.19353
<b>cond_char:mean_UDexc_mean</b>	12.73	3	4.2434	0.57938	0.62896
<b>Error</b>	2167.9	296	7.3241		
<b>Total</b>	2196.3	303			

CL10) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	<b>Estimate</b>	<b>SE</b>	<b>tStat</b>	<b>pValue</b>
<b>(Intercept)</b>	2.1803	0.6132	3.5555	0.00043902
<b>cond_char_0.5</b>	-0.42493	1.0496	-0.40484	0.68589
<b>cond_char_0.75</b>	0.014693	1.1677	0.012583	0.98997
<b>cond_char_1.0</b>	0.30386	1.1939	0.25452	0.79927
<b>mean_UDexc_mean</b>	50.391	39.741	1.268	0.2058
<b>cond_char_0.5:mean_UDexc_mean</b>	-1.1336	57.628	-0.019671	0.98432
<b>cond_char_0.75:mean_UDexc_mean</b>	-29.748	54.027	-0.55061	0.58232
<b>cond_char_1.0:mean_UDexc_mean</b>	-45.397	49.008	-0.92632	0.35503

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 1.58

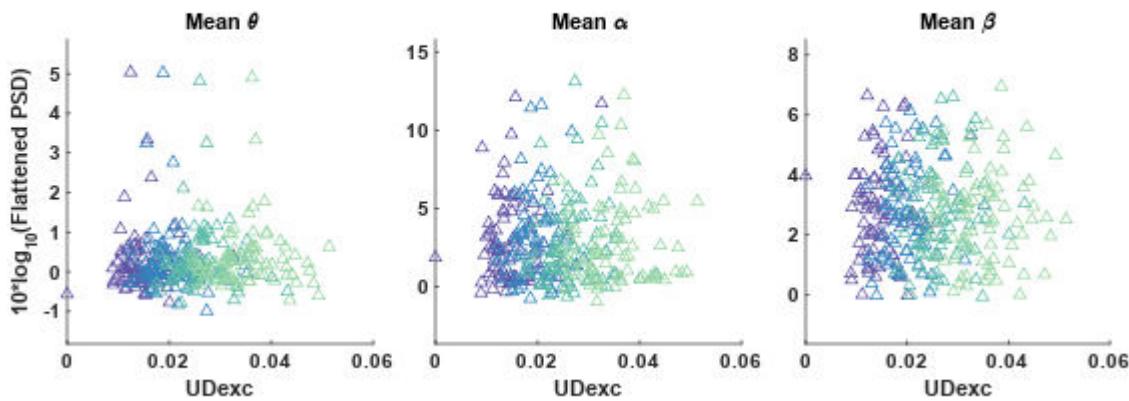
R-squared: 0.0149, Adjusted R-Squared: -0.00836

F-statistic vs. constant model: 0.641, p-value = 0.722

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	0.80401	3	0.268	0.10796	0.95541
<b>mean_UDexc_mean</b>	7.1069	1	7.1069	2.8628	0.091703
<b>cond_char:mean_UDexc_mean</b>	3.0909	3	1.0303	0.41502	0.74234
<b>Error</b>	734.82	296	2.4825		
<b>Total</b>	745.97	303			

### CL10: Parietal\_Inf\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL10) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.028743	0.38431	-0.074791	0.94043
cond_char_0.5	0.066825	0.75698	0.088278	0.92972
cond_char_0.75	-0.68051	1.0134	-0.67153	0.50241
cond_char_1.0	-0.53213	1.1936	-0.44581	0.65606
mean_StanceDur	0.16379	0.21907	0.74763	0.45528
cond_char_0.5:mean_StanceDur	0.031917	0.63645	0.050149	0.96004
cond_char_0.75:mean_StanceDur	1.0489	1.1201	0.93636	0.34985
cond_char_1.0:mean_StanceDur	1.1173	1.5619	0.71535	0.47495

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 0.836

R-squared: 0.0125, Adjusted R-Squared: -0.0109

F-statistic vs. constant model: 0.533, p-value = 0.809

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.46281	3	0.15427	0.22073	0.88197
mean_StanceDur	1.4213	1	1.4213	2.0335	0.15492
cond_char:mean_StanceDur	0.94689	3	0.31563	0.4516	0.71635
Error	206.88	296	0.69891		
Total	209.49	303			

CL10) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7606	1.241	1.4187	0.15703
cond_char_0.5	0.090684	2.4444	0.037098	0.97043
cond_char_0.75	-0.74845	3.2724	-0.22872	0.81925
cond_char_1.0	-5.1941	3.8544	-1.3476	0.17883
mean_StanceDur	0.7941	0.70743	1.1225	0.26255

<code>cond_char_0.5:mean_StanceDur</code>	0.13279	2.0552	0.064611	0.94853
<code>cond_char_0.75:mean_StanceDur</code>	1.3974	3.6171	0.38632	0.69954
<code>cond_char_1.0:mean_StanceDur</code>	7.9058	5.0437	1.5675	0.11808

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 2.7

R-squared: 0.0178, Adjusted R-Squared: -0.00548

F-statistic vs. constant model: 0.764, p-value = 0.618

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	13.823	3	4.6076	0.63221	0.59475
<code>mean_StanceDur</code>	27.771	1	27.771	3.8105	0.051875
<code>cond_char:mean_StanceDur</code>	18.774	3	6.2581	0.85868	0.46291
<code>Error</code>	2157.3	296	7.2881		
<code>Total</code>	2196.3	303			

CL10) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StanceDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.3463	0.72014	4.6467	5.084e-06
<code>cond_char_0.5</code>	1.2622	1.4185	0.8898	0.37429
<code>cond_char_0.75</code>	2.6117	1.8989	1.3754	0.17006
<code>cond_char_1.0</code>	1.0408	2.2367	0.46534	0.64203
<code>mean_StanceDur</code>	-0.24902	0.41052	-0.60659	0.54459
<code>cond_char_0.5:mean_StanceDur</code>	-1.4837	1.1926	-1.2441	0.21446
<code>cond_char_0.75:mean_StanceDur</code>	-3.5336	2.099	-1.6835	0.093333
<code>cond_char_1.0:mean_StanceDur</code>	-2.1235	2.9268	-0.72552	0.46871

Number of observations: 304, Error degrees of freedom: 296

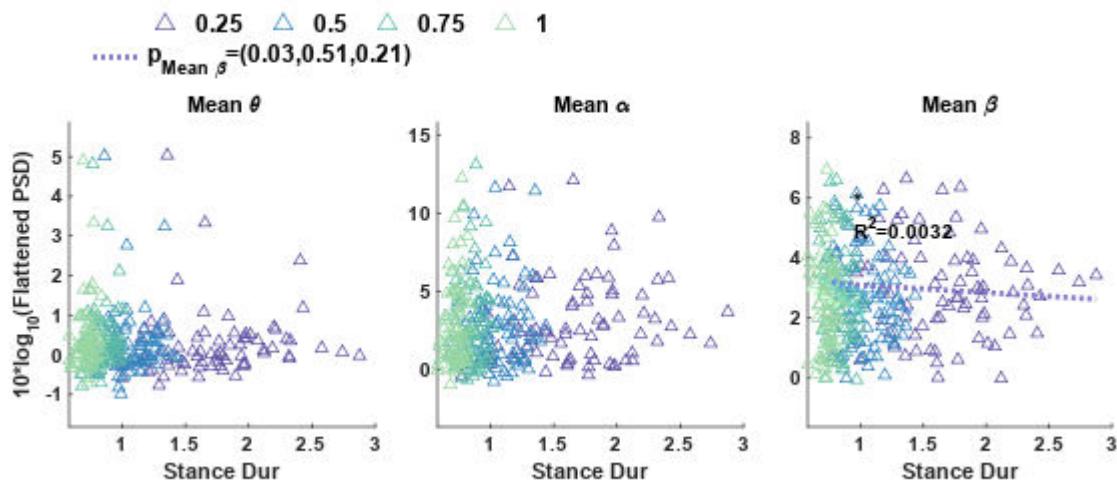
Root Mean Squared Error: 1.57

R-squared: 0.0262, Adjusted R-Squared: 0.00316

F-statistic vs. constant model: 1.14, p-value = 0.339

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.7465	3	1.9155	0.78052	0.50561
<code>mean_StanceDur</code>	11.559	1	11.559	4.7099	0.030784
<code>cond_char:mean_StanceDur</code>	11.074	3	3.6913	1.5041	0.21356
<code>Error</code>	726.43	296	2.4541		
<code>Total</code>	745.97	303			

### CL10: Parietal\_Inf\_L



CL10) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.060395	0.40554	-0.14892	0.88171
cond_char_0.5	0.17569	0.77297	0.22729	0.82035
cond_char_0.75	-0.52415	1.0058	-0.52114	0.60266
cond_char_1.0	-0.5631	1.1739	-0.47966	0.63182
mean_GaitCycleDur	0.13458	0.17113	0.78644	0.43224
cond_char_0.5:mean_GaitCycleDur	-0.051407	0.43866	-0.11719	0.90679
cond_char_0.75:mean_GaitCycleDur	0.54952	0.71281	0.77092	0.44137
cond_char_1.0:mean_GaitCycleDur	0.72329	0.96122	0.75247	0.45237

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 0.836

R-squared: 0.0121, Adjusted R-Squared: -0.0113

F-statistic vs. constant model: 0.517, p-value = 0.821

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.42843	3	0.14281	0.20425	0.89341
mean_GaitCycleDur	1.3826	1	1.3826	1.9775	0.1607
cond_char:mean_GaitCycleDur	0.8178	3	0.2726	0.38989	0.76037
Error	206.95	296	0.69917		
Total	209.49	303			

CL10) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7204	1.3112	1.3121	0.19049
cond_char_0.5	0.42288	2.4991	0.16921	0.86575
cond_char_0.75	-0.62324	3.2518	-0.19166	0.84814
cond_char_1.0	-4.3152	3.7956	-1.1369	0.25649
mean_GaitCycleDur	0.60331	0.55328	1.0904	0.27641

<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.16366	1.4183	-0.1154	0.90821
<code>cond_char_0.75:mean_GaitCycleDur</code>	0.73909	2.3046	0.3207	0.74866
<code>cond_char_1.0:mean_GaitCycleDur</code>	4.1331	3.1078	1.3299	0.18457

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 2.7

R-squared: 0.015, Adjusted R-Squared: -0.00831

F-statistic vs. constant model: 0.643, p-value = 0.72

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	10.597	3	3.5325	0.48333	0.69412
<code>mean_GaitCycleDur</code>	22.646	1	22.646	3.0986	0.079394
<code>cond_char:mean_GaitCycleDur</code>	13.834	3	4.6114	0.63096	0.59554
<code>Error</code>	2163.4	296	7.3086		
<code>Total</code>	2196.3	303			

CL10) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.3436	0.76044	4.397	1.5325e-05
<code>cond_char_0.5</code>	1.3318	1.4494	0.91883	0.35893
<code>cond_char_0.75</code>	2.3161	1.8859	1.2281	0.22038
<code>cond_char_1.0</code>	0.87078	2.2013	0.39558	0.6927
<code>mean_GaitCycleDur</code>	-0.18256	0.32088	-0.56893	0.56983
<code>cond_char_0.5:mean_GaitCycleDur</code>	-1.0195	0.82255	-1.2395	0.21616
<code>cond_char_0.75:mean_GaitCycleDur</code>	-2.02	1.3366	-1.5113	0.13178
<code>cond_char_1.0:mean_GaitCycleDur</code>	-1.1573	1.8024	-0.64211	0.5213

Number of observations: 304, Error degrees of freedom: 296

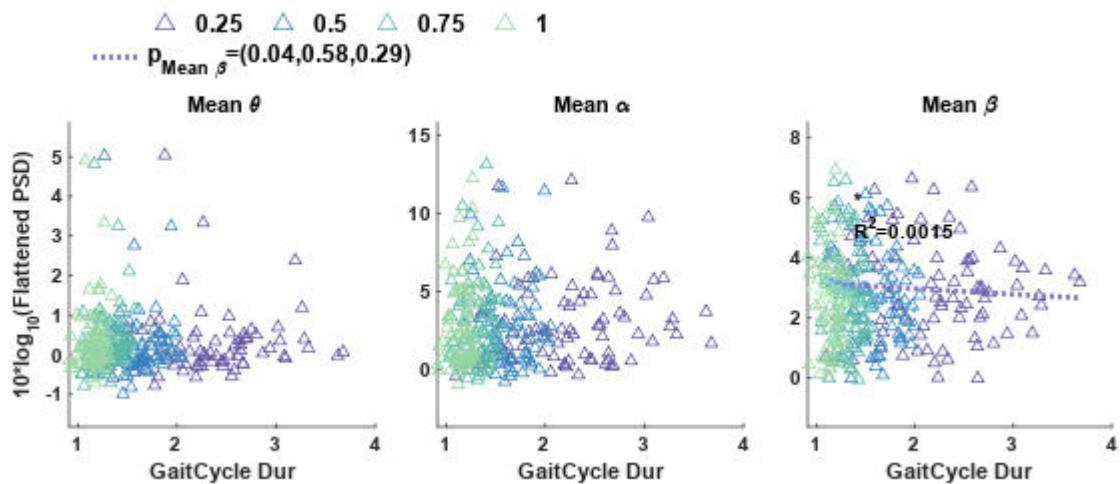
Root Mean Squared Error: 1.57

R-squared: 0.0245, Adjusted R-Squared: 0.00147

F-statistic vs. constant model: 1.06, p-value = 0.387

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.8623	3	1.6208	0.6593	0.57768
<code>mean_GaitCycleDur</code>	10.839	1	10.839	4.4092	0.036592
<code>cond_char:mean_GaitCycleDur</code>	9.2351	3	3.0784	1.2522	0.29102
<code>Error</code>	727.66	296	2.4583		
<code>Total</code>	745.97	303			

### CL10: Parietal\_Inf\_L



CL10) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.37384	0.35749	1.0457	0.29655
cond_char_0.5	0.14938	0.61091	0.24453	0.80699
cond_char_0.75	0.084727	0.67224	0.12604	0.89979
cond_char_1.0	0.081893	0.69957	0.11706	0.90689
mean_PeakUpDownVel_mean	-1.0968	3.0369	-0.36116	0.71824
cond_char_0.5:mean_PeakUpDownVel_mean	-0.29118	3.91	-0.074469	0.94069
cond_char_0.75:mean_PeakUpDownVel_mean	0.61406	3.615	0.16987	0.86523
cond_char_1.0:mean_PeakUpDownVel_mean	0.88638	3.3827	0.26203	0.79348

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 0.839

R-squared: 0.00565, Adjusted R-Squared: -0.0179

F-statistic vs. constant model: 0.24, p-value = 0.975

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.044954	3	0.014985	0.021293	0.99578
mean_PeakUpDownVel_mean	0.33284	1	0.33284	0.47297	0.49216
cond_char:mean_PeakUpDownVel_mean	0.14114	3	0.047047	0.066855	0.97745
Error	208.3	296	0.70373		
Total	209.49	303			

CL10) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.3683	1.1572	2.9106	0.0038807
cond_char_0.5	1.2965	1.9775	0.65562	0.51258
cond_char_0.75	-0.2536	2.1761	-0.11654	0.9073
cond_char_1.0	-0.58201	2.2645	-0.25701	0.79735
mean_PeakUpDownVel_mean	-2.2813	9.8306	-0.23207	0.81665

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-6.9062	12.657	-0.54565	0.58572
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	1.4369	11.702	0.12279	0.90236
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	2.5693	10.95	0.23463	0.81466

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 2.72

R-squared: 0.00618, Adjusted R-Squared: -0.0173

F-statistic vs. constant model: 0.263, p-value = 0.968

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.2878	3	1.7626	0.23903	0.8691
<code>mean_PeakUpDownVel_mean</code>	4.7659	1	4.7659	0.64631	0.42208
<code>cond_char:mean_PeakUpDownVel_mean</code>	7.8939	3	2.6313	0.35684	0.78423
<code>Error</code>	2182.7	296	7.3739		
<code>Total</code>	2196.3	303			

CL10) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.9329	0.67419	4.3503	1.8731e-05
<code>cond_char_0.5</code>	-0.24989	1.1521	-0.2169	0.82843
<code>cond_char_0.75</code>	0.29681	1.2678	0.23412	0.81505
<code>cond_char_1.0</code>	0.66893	1.3193	0.50703	0.61251
<code>mean_PeakUpDownVel_mean</code>	-0.085554	5.7272	-0.014938	0.98809
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	0.36355	7.3738	0.049303	0.96071
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	-1.6047	6.8173	-0.23539	0.81407
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	-2.2796	6.3794	-0.35733	0.7211

Number of observations: 304, Error degrees of freedom: 296

Root Mean Squared Error: 1.58

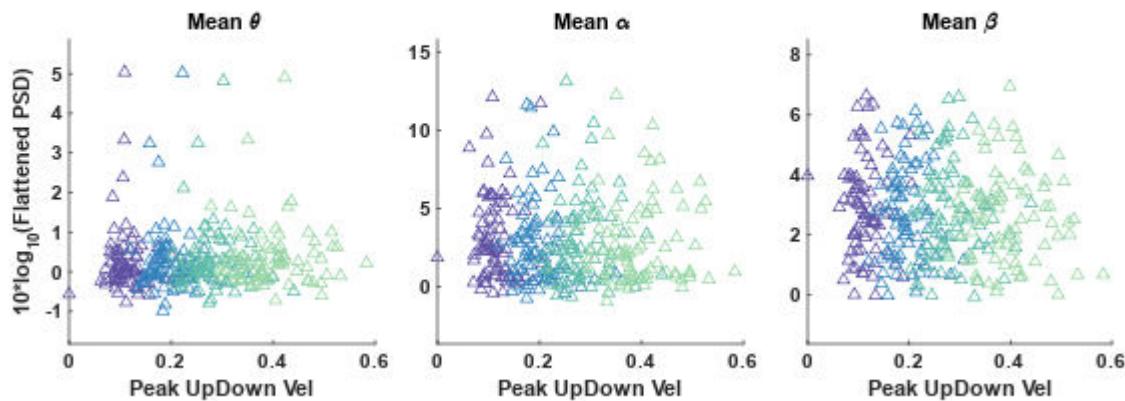
R-squared: 0.00688, Adjusted R-Squared: -0.0166

F-statistic vs. constant model: 0.293, p-value = 0.956

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.1201	3	0.37338	0.14918	0.93016
<code>mean_PeakUpDownVel_mean</code>	0.49178	1	0.49178	0.19649	0.65789
<code>cond_char:mean_PeakUpDownVel_mean</code>	0.76325	3	0.25442	0.10165	0.95903
<code>Error</code>	740.83	296	2.5028		
<code>Total</code>	745.97	303			

### CL10: Parietal\_Inf\_L

△ 0.25 △ 0.5 △ 0.75 △ 1



CL11) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.29143	0.49388	0.59009	0.55594
cond_char_0.5	0.41249	0.73549	0.56084	0.57567
cond_char_0.75	0.68588	0.77829	0.88126	0.37946
cond_char_1.0	0.14228	0.65748	0.21639	0.82895
mean_APexc_COV	0.01253	0.020194	0.62047	0.53581
cond_char_0.5:mean_APexc_COV	-0.020861	0.032224	-0.64737	0.5183
cond_char_0.75:mean_APexc_COV	-0.033157	0.036145	-0.91735	0.3603
cond_char_1.0:mean_APexc_COV	-0.0070935	0.028923	-0.24526	0.80656

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 1.07

R-squared: 0.00674, Adjusted R-Squared: -0.0357

F-statistic vs. constant model: 0.159, p-value = 0.993

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.0605	3	0.35349	0.31009	0.81807
mean_APexc_COV	0.058227	1	0.058227	0.051079	0.82148
cond_char:mean_APexc_COV	1.1747	3	0.39156	0.34349	0.7939
Error	186.95	164	1.1399		
Total	188.22	171			

CL11) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.6095	1.1491	3.1412	0.0019966
cond_char_0.5	-0.75961	1.7112	-0.4439	0.6577
cond_char_0.75	-0.85219	1.8108	-0.47061	0.63854
cond_char_1.0	-0.32456	1.5297	-0.21217	0.83224
mean_APexc_COV	-0.0053064	0.046984	-0.11294	0.91022

<b>cond_char_0.5:mean_APexc_COV</b>	0.023885	0.074974	0.31858	0.75045
<b>cond_char_0.75:mean_APexc_COV</b>	0.021628	0.084095	0.25718	0.79736
<b>cond_char_1.0:mean_APexc_COV</b>	-0.020482	0.067292	-0.30437	0.76123

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.48

R-squared: 0.0137, Adjusted R-Squared: -0.0284

F-statistic vs. constant model: 0.325, p-value = 0.942

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	1.9098	3	0.63659	0.10316	0.95811
<b>mean_APexc_COV</b>	0.0069757	1	0.0069757	0.0011305	0.97322
<b>cond_char:mean_APexc_COV</b>	2.7095	3	0.90318	0.14636	0.9319
<b>Error</b>	1012	164	6.1708		
<b>Total</b>	1026	171			

CL11) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
<b>(Intercept)</b>	1.7419	0.46464	3.7489	0.00024582
<b>cond_char_0.5</b>	-0.61907	0.69195	-0.89467	0.37228
<b>cond_char_0.75</b>	-1.0978	0.73222	-1.4993	0.13573
<b>cond_char_1.0</b>	-0.50516	0.61857	-0.81666	0.41531
<b>mean_APexc_COV</b>	-0.014486	0.018999	-0.76249	0.44686
<b>cond_char_0.5:mean_APexc_COV</b>	0.025588	0.030317	0.84402	0.39989
<b>cond_char_0.75:mean_APexc_COV</b>	0.04509	0.034005	1.326	0.18669
<b>cond_char_1.0:mean_APexc_COV</b>	0.0054766	0.027211	0.20127	0.84074

Number of observations: 172, Error degrees of freedom: 164

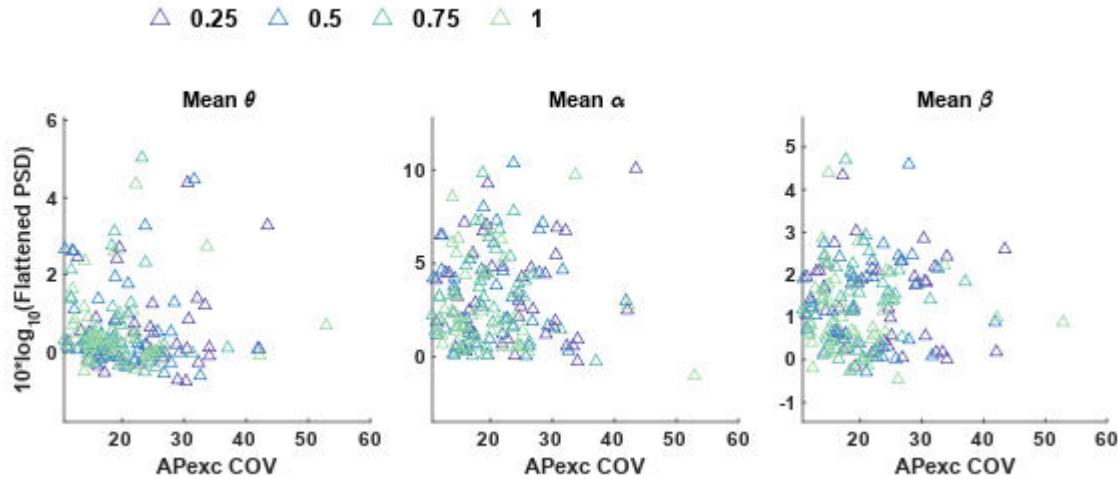
Root Mean Squared Error: 1

R-squared: 0.0307, Adjusted R-Squared: -0.0107

F-statistic vs. constant model: 0.741, p-value = 0.638

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	2.3487	3	0.78292	0.77594	0.50899
<b>mean_APexc_COV</b>	0.15977	1	0.15977	0.15835	0.6912
<b>cond_char:mean_APexc_COV</b>	2.2097	3	0.73658	0.73002	0.53547
<b>Error</b>	165.47	164	1.009		
<b>Total</b>	170.71	171			

## CL11: Rolandic\_Oper\_R



CL11) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.20321	0.52238	0.389	0.69778
cond_char_0.5	0.26449	0.84482	0.31307	0.75462
cond_char_0.75	0.44876	0.91322	0.4914	0.6238
cond_char_1.0	-1.2291	0.92562	-1.3279	0.18607
mean_APexc_mean	5.7163	7.5251	0.75964	0.44856
cond_char_0.5:mean_APexc_mean	-4.4333	15.004	-0.29547	0.76801
cond_char_0.75:mean_APexc_mean	-7.4437	18.852	-0.39485	0.69347
cond_char_1.0:mean_APexc_mean	36.641	21.57	1.6987	0.09127

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 1.06

R-squared: 0.03, Adjusted R-Squared: -0.0114

F-statistic vs. constant model: 0.724, p-value = 0.652

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.3979	3	1.1326	1.0174	0.38653
mean_APexc_mean	2.7083	1	2.7083	2.4327	0.12076
cond_char:mean_APexc_mean	3.9381	3	1.3127	1.1791	0.31943
Error	182.58	164	1.1133		
Total	188.22	171			

CL11) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.7223	1.2142	2.2421	0.026298
cond_char_0.5	-0.16606	1.9636	-0.084566	0.93271
cond_char_0.75	-1.0408	2.1226	-0.49031	0.62457
cond_char_1.0	-3.145	2.1514	-1.4618	0.1457
mean_APexc_mean	11.578	17.491	0.66192	0.50895

<code>cond_char_0.5:mean_APexc_mean</code>	2.093	34.875	0.060014	0.95222
<code>cond_char_0.75:mean_APexc_mean</code>	21.288	43.819	0.48581	0.62775
<code>cond_char_1.0:mean_APexc_mean</code>	75.197	50.136	1.4999	0.13557

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.45

R-squared: 0.0386, Adjusted R-Squared: -0.00242

F-statistic vs. constant model: 0.941, p-value = 0.477

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	14.226	3	4.7419	0.78839	0.50199
<code>mean_APexc_mean</code>	25.062	1	25.062	4.1667	0.042828
<code>cond_char:mean_APexc_mean</code>	14.408	3	4.8028	0.79851	0.49635
<code>Error</code>	986.41	164	6.0147		
<code>Total</code>	1026	171			

CL11) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_APexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.1334	0.49823	2.2748	0.02421
<code>cond_char_0.5</code>	-0.39031	0.80575	-0.48441	0.62874
<code>cond_char_0.75</code>	-0.052395	0.87099	-0.060156	0.9521
<code>cond_char_1.0</code>	-0.40204	0.88281	-0.45541	0.64942
<code>mean_APexc_mean</code>	4.1494	7.1771	0.57815	0.56396
<code>cond_char_0.5:mean_APexc_mean</code>	8.137	14.31	0.56861	0.5704
<code>cond_char_0.75:mean_APexc_mean</code>	-0.50388	17.98	-0.028024	0.97768
<code>cond_char_1.0:mean_APexc_mean</code>	4.7903	20.573	0.23285	0.81617

Number of observations: 172, Error degrees of freedom: 164

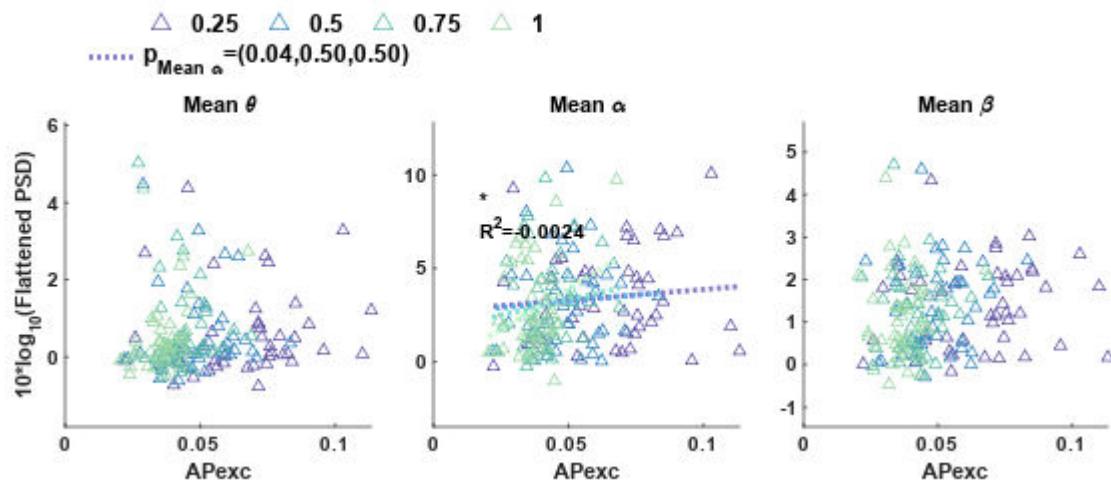
Root Mean Squared Error: 1.01

R-squared: 0.0271, Adjusted R-Squared: -0.0145

F-statistic vs. constant model: 0.652, p-value = 0.712

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.37009	3	0.12336	0.12182	0.94714
<code>mean_APexc_mean</code>	1.0055	1	1.0055	0.99285	0.32051
<code>cond_char:mean_APexc_mean</code>	0.37205	3	0.12402	0.12246	0.94675
<code>Error</code>	166.08	164	1.0127		
<code>Total</code>	170.71	171			

## CL11: Rolandic\_Oper\_R



CL11) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.88133	0.39933	2.207	0.028701
cond_char_0.5	-0.16215	0.70069	-0.23142	0.81728
cond_char_0.75	0.21817	0.81088	0.26905	0.78823
cond_char_1.0	-0.073777	0.79552	-0.09274	0.92622
mean_MLexc_COV	-0.022862	0.02774	-0.82415	0.41105
cond_char_0.5:mean_MLexc_COV	0.0083492	0.050903	0.16402	0.86991
cond_char_0.75:mean_MLexc_COV	-0.012546	0.054322	-0.23095	0.81764
cond_char_1.0:mean_MLexc_COV	0.006804	0.048699	0.13971	0.88906

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 1.07

R-squared: 0.0097, Adjusted R-Squared: -0.0326

F-statistic vs. constant model: 0.23, p-value = 0.978

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.2082	3	0.069399	0.061062	0.98019
mean_MLexc_COV	1.4072	1	1.4072	1.2382	0.26745
cond_char:mean_MLexc_COV	0.15467	3	0.051556	0.045362	0.98713
Error	186.39	164	1.1365		
Total	188.22	171			

CL11) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	5.2254	0.91123	5.7345	4.5933e-08
cond_char_0.5	-0.68475	1.5989	-0.42826	0.66902
cond_char_0.75	-0.6856	1.8504	-0.37052	0.71147
cond_char_1.0	-0.79567	1.8153	-0.43831	0.66174
mean_MLexc_COV	-0.13222	0.0633	-2.0888	0.038269

<code>cond_char_0.5:mean_MLexc_COV</code>	0.031301	0.11615	0.26948	0.7879
<code>cond_char_0.75:mean_MLexc_COV</code>	0.032436	0.12396	0.26167	0.7939
<code>cond_char_1.0:mean_MLexc_COV</code>	0.03368	0.11113	0.30308	0.76222

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.43

R-squared: 0.0541, Adjusted R-Squared: 0.0137

F-statistic vs. constant model: 1.34, p-value = 0.235

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.9754	3	0.65848	0.11127	0.95342
<code>mean_MLexc_COV</code>	33.194	1	33.194	5.6089	0.019035
<code>cond_char:mean_MLexc_COV</code>	0.87188	3	0.29063	0.049108	0.98555
<code>Error</code>	970.56	164	5.9181		
<code>Total</code>	1026	171			

CL11) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.8641	0.37394	4.9852	1.5619e-06
<code>cond_char_0.5</code>	-0.15582	0.65613	-0.23748	0.81258
<code>cond_char_0.75</code>	-0.052233	0.75933	-0.068789	0.94524
<code>cond_char_1.0</code>	-0.11876	0.74494	-0.15942	0.87353
<code>mean_MLexc_COV</code>	-0.034736	0.025976	-1.3372	0.18301
<code>cond_char_0.5:mean_MLexc_COV</code>	0.007262	0.047666	0.15235	0.8791
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.004479	0.050868	-0.088052	0.92994
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.0061969	0.045603	-0.13589	0.89208

Number of observations: 172, Error degrees of freedom: 164

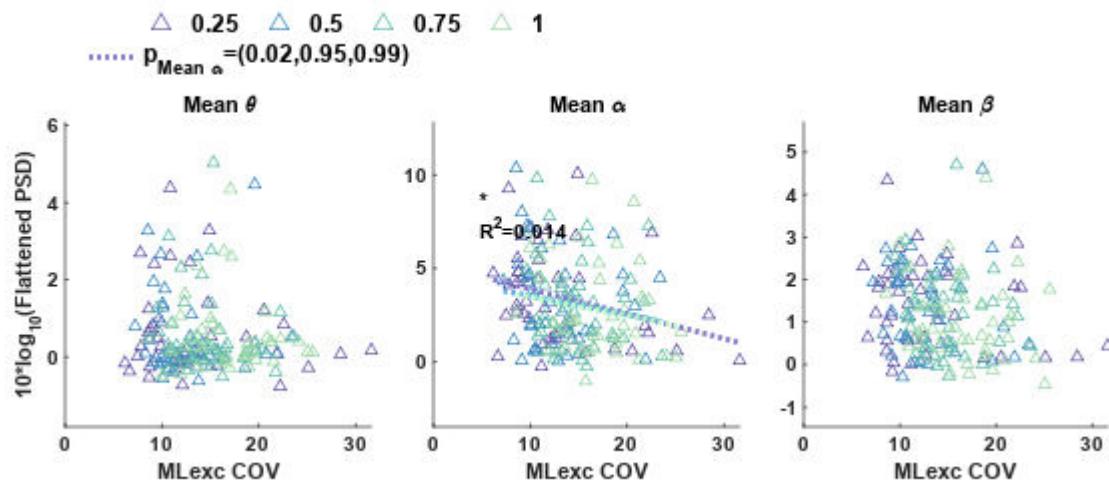
Root Mean Squared Error: 0.998

R-squared: 0.0425, Adjusted R-Squared: 0.00167

F-statistic vs. constant model: 1.04, p-value = 0.405

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.065526	3	0.021842	0.021916	0.99559
<code>mean_MLexc_COV</code>	3.6133	1	3.6133	3.6256	0.058649
<code>cond_char:mean_MLexc_COV</code>	0.069149	3	0.02305	0.023128	0.99522
<code>Error</code>	163.44	164	0.99661		
<code>Total</code>	170.71	171			

### CL11: Rolandic\_Oper\_R



CL11) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-1.2592	0.56052	-2.2464	0.026012
cond_char_0.5	0.15918	0.82812	0.19221	0.84781
cond_char_0.75	0.13676	0.93884	0.14567	0.88436
cond_char_1.0	0.67736	0.89388	0.75778	0.44967
mean_MLexc_mean	15.751	4.6205	3.4089	0.00082088
cond_char_0.5:mean_MLexc_mean	2.0121	7.9179	0.25412	0.79972
cond_char_0.75:mean_MLexc_mean	8.7683	11.594	0.75628	0.45057
cond_char_1.0:mean_MLexc_mean	4.8812	13.334	0.36607	0.71478

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 0.992

R-squared: 0.143, Adjusted R-Squared: 0.106

F-statistic vs. constant model: 3.91, p-value = 0.00057

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.59717	3	0.19906	0.2024	0.89462
mean_MLexc_mean	18.32	1	18.32	18.627	2.7405e-05
cond_char:mean_MLexc_mean	0.63231	3	0.21077	0.21431	0.88638
Error	161.29	164	0.9835		
Total	188.22	171			

CL11) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-1.2507	1.2311	-1.0159	0.31116
cond_char_0.5	0.26415	1.8189	0.14523	0.88471
cond_char_0.75	-0.78309	2.0621	-0.37976	0.70461
cond_char_1.0	-1.4302	1.9633	-0.72845	0.46738
mean_MLexc_mean	40.558	10.148	3.9965	9.6951e-05

<code>cond_char_0.5:mean_MLexc_mean</code>	5.4047	17.391	0.31078	0.75636
<code>cond_char_0.75:mean_MLexc_mean</code>	33.037	25.465	1.2974	0.19633
<code>cond_char_1.0:mean_MLexc_mean</code>	60.008	29.287	2.049	0.042058

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.18

R-squared: 0.242, Adjusted R-Squared: 0.209

F-statistic vs. constant model: 7.47, p-value = 8.61e-08

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.0686	3	1.3562	0.28585	0.83557
<code>mean_MLexc_mean</code>	201.17	1	201.17	42.402	8.6821e-10
<code>cond_char:mean_MLexc_mean</code>	25.41	3	8.47	1.7852	0.15201
<code>Error</code>	778.1	164	4.7445		
<code>Total</code>	1026	171			

CL11) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.78448	0.56656	1.3846	0.16805
<code>cond_char_0.5</code>	0.063106	0.83705	0.075391	0.94
<code>cond_char_0.75</code>	0.36051	0.94896	0.3799	0.70451
<code>cond_char_1.0</code>	-0.35585	0.90351	-0.39385	0.6942
<code>mean_MLexc_mean</code>	5.3329	4.6703	1.1419	0.25517
<code>cond_char_0.5:mean_MLexc_mean</code>	0.1679	8.0032	0.020979	0.98329
<code>cond_char_0.75:mean_MLexc_mean</code>	-4.0315	11.719	-0.34401	0.73128
<code>cond_char_1.0:mean_MLexc_mean</code>	6.3171	13.478	0.4687	0.6399

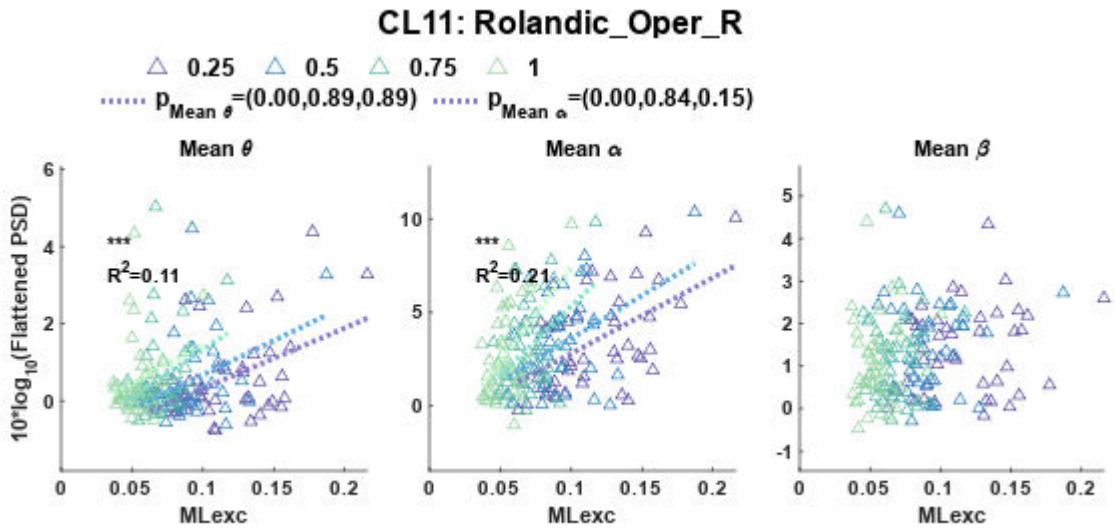
Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 1

R-squared: 0.0347, Adjusted R-Squared: -0.00654

F-statistic vs. constant model: 0.841, p-value = 0.555

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.49223	3	0.16408	0.16329	0.92094
<code>mean_MLexc_mean</code>	1.6748	1	1.6748	1.6668	0.19851
<code>cond_char:mean_MLexc_mean</code>	0.39202	3	0.13067	0.13005	0.94212
<code>Error</code>	164.79	164	1.0048		
<code>Total</code>	170.71	171			



CL11) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_StepDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.1524	0.68898	0.22119	0.82522
cond_char_0.5	-0.55647	1.3229	-0.42064	0.67457
cond_char_0.75	-1.2581	1.7151	-0.73358	0.46425
cond_char_1.0	-2.3878	1.8541	-1.2879	0.1996
mean_StepDur	0.36234	0.56669	0.63939	0.52346
cond_char_0.5:mean_StepDur	0.79762	1.4975	0.53265	0.595
cond_char_0.75:mean_StepDur	2.1716	2.4174	0.89834	0.37032
cond_char_1.0:mean_StepDur	4.4415	3.0206	1.4704	0.14337

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 1.06

R-squared: 0.0294, Adjusted R-Squared: -0.012

F-statistic vs. constant model: 0.71, p-value = 0.663

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.1876	3	0.72919	0.65462	0.58115
mean_StepDur	5.2779	1	5.2779	4.7381	0.030931
cond_char:mean_StepDur	3.3276	3	1.1092	0.99576	0.39637
Error	182.68	164	1.1139		
Total	188.22	171			

CL11) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_StepDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.7407	1.6004	1.7126	0.08868
cond_char_0.5	1.1547	3.0728	0.37578	0.70757
cond_char_0.75	-1.8222	3.9837	-0.45742	0.64797
cond_char_1.0	-8.1246	4.3066	-1.8865	0.060991
mean_StepDur	0.63122	1.3163	0.47954	0.63219

<code>cond_char_0.5:mean_StepDur</code>	-1.4506	3.4783	-0.41705	0.67719
<code>cond_char_0.75:mean_StepDur</code>	2.6089	5.615	0.46462	0.64282
<code>cond_char_1.0:mean_StepDur</code>	13.509	7.0162	1.9254	0.055909

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.45

R-squared: 0.0394, Adjusted R-Squared: -0.00163

F-statistic vs. constant model: 0.96, p-value = 0.462

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	25.447	3	8.4822	1.4114	0.24136
<code>mean_StepDur</code>	19.872	1	19.872	3.3066	0.070827
<code>cond_char:mean_StepDur</code>	25.241	3	8.4137	1.4	0.24474
<code>Error</code>	985.62	164	6.0099		
<code>Total</code>	1026	171			

CL11) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.94267	0.65695	1.4349	0.15322
<code>cond_char_0.5</code>	0.57398	1.2614	0.45503	0.64969
<code>cond_char_0.75</code>	1.3683	1.6353	0.83669	0.40399
<code>cond_char_1.0</code>	-1.0369	1.7679	-0.58652	0.55833
<code>mean_StepDur</code>	0.39314	0.54035	0.72757	0.46791
<code>cond_char_0.5:mean_StepDur</code>	-0.59635	1.4278	-0.41766	0.67674
<code>cond_char_0.75:mean_StepDur</code>	-2.0111	2.305	-0.8725	0.38421
<code>cond_char_1.0:mean_StepDur</code>	1.608	2.8802	0.55831	0.57739

Number of observations: 172, Error degrees of freedom: 164

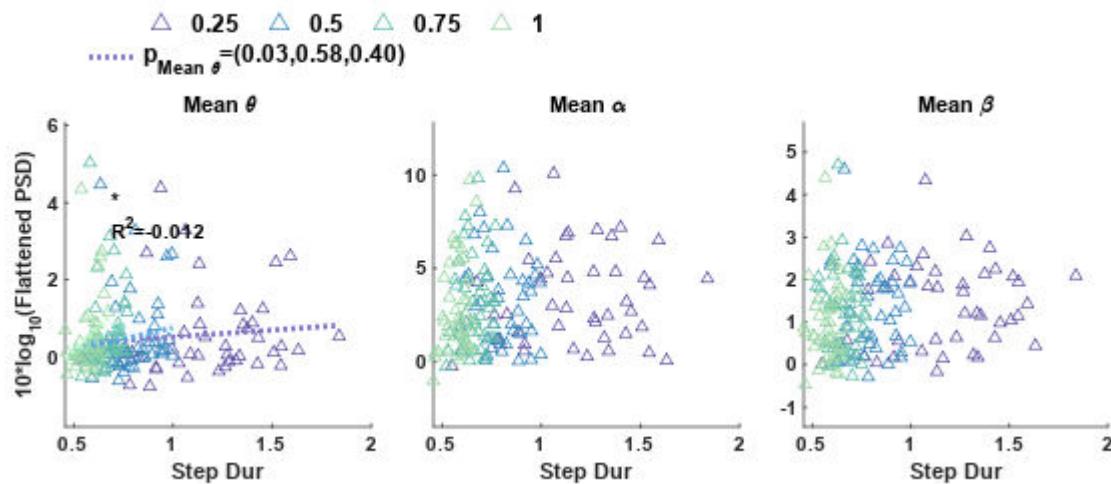
Root Mean Squared Error: 1.01

R-squared: 0.027, Adjusted R-Squared: -0.0145

F-statistic vs. constant model: 0.651, p-value = 0.713

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.4059	3	0.46864	0.46274	0.70868
<code>mean_StepDur</code>	0.022087	1	0.022087	0.021809	0.88278
<code>cond_char:mean_StepDur</code>	1.2806	3	0.42687	0.42149	0.73783
<code>Error</code>	166.09	164	1.0128		
<code>Total</code>	170.71	171			

### CL11: Rolandic\_Oper\_R



CL11) Variable: mean\_UDexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.83705	0.69037	1.2125	0.22708
cond_char_0.5	-1.2891	1.1557	-1.1154	0.26631
cond_char_0.75	0.012402	0.9599	0.01292	0.98971
cond_char_1.0	-0.092262	0.90016	-0.1025	0.91849
mean_UDexc_COV	-0.013156	0.03444	-0.38201	0.70295
cond_char_0.5:mean_UDexc_COV	0.083325	0.073656	1.1313	0.25959
cond_char_0.75:mean_UDexc_COV	-0.013273	0.071954	-0.18447	0.85387
cond_char_1.0:mean_UDexc_COV	-0.012532	0.077394	-0.16193	0.87156

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 1.07

R-squared: 0.0102, Adjusted R-Squared: -0.032

F-statistic vs. constant model: 0.242, p-value = 0.974

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.8182	3	0.60606	0.53353	0.65992
mean_UDexc_COV	0.0019137	1	0.0019137	0.0016847	0.96731
cond_char:mean_UDexc_COV	1.8087	3	0.60289	0.53075	0.6618
Error	186.29	164	1.1359		
Total	188.22	171			

CL11) Variable: mean\_UDexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	5.9964	1.582	3.7904	0.00021095
cond_char_0.5	-4.7803	2.6483	-1.805	0.072903
cond_char_0.75	-2.9677	2.1996	-1.3492	0.17914
cond_char_1.0	-1.1894	2.0627	-0.57663	0.56498
mean_UDexc_COV	-0.12881	0.078919	-1.6321	0.10457

<b>cond_char_0.5:mean_UDexc_COV</b>	0.27284	0.16878	1.6165	0.10791
<b>cond_char_0.75:mean_UDexc_COV</b>	0.13309	0.16488	0.80717	0.42073
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.12416	0.17735	-0.70008	0.48487

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.44

R-squared: 0.0466, Adjusted R-Squared: 0.00589

F-statistic vs. constant model: 1.14, p-value = 0.338

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	24.187	3	8.0622	1.3516	0.25956
<b>mean_UDexc_COV</b>	4.3538	1	4.3538	0.72992	0.39416
<b>cond_char:mean_UDexc_COV</b>	24.819	3	8.273	1.387	0.24864
<b>Error</b>	978.23	164	5.9648		
<b>Total</b>	1026	171			

CL11) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
<b>(Intercept)</b>	2.1537	0.64882	3.3194	0.0011115
<b>cond_char_0.5</b>	-0.67276	1.0862	-0.61939	0.53652
<b>cond_char_0.75</b>	-1.3161	0.90213	-1.4588	0.14652
<b>cond_char_1.0</b>	-0.50229	0.84599	-0.59373	0.55351
<b>mean_UDexc_COV</b>	-0.038305	0.032367	-1.1835	0.23834
<b>cond_char_0.5:mean_UDexc_COV</b>	0.029161	0.069223	0.42125	0.67412
<b>cond_char_0.75:mean_UDexc_COV</b>	0.077144	0.067624	1.1408	0.25562
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.035431	0.072736	-0.48712	0.62683

Number of observations: 172, Error degrees of freedom: 164

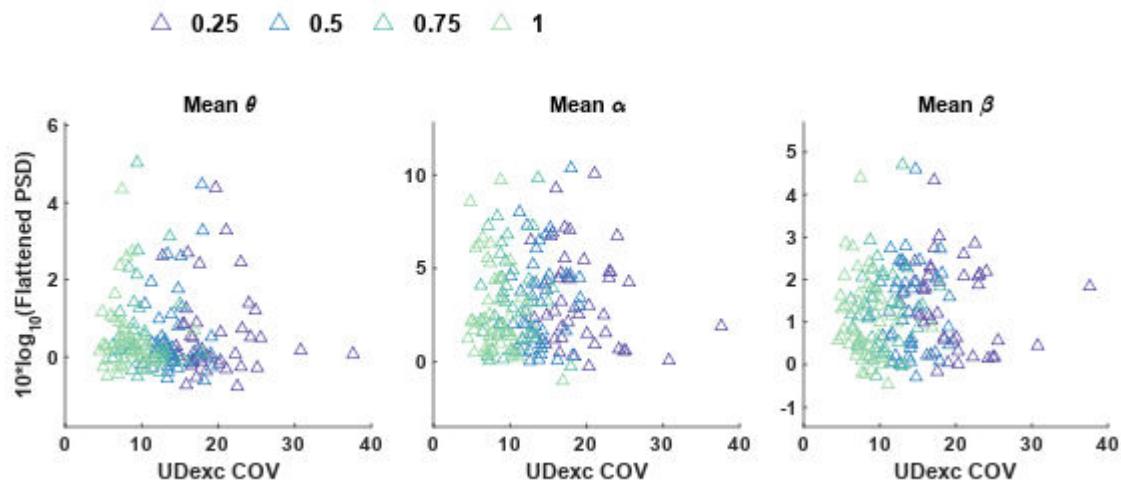
Root Mean Squared Error: 1

R-squared: 0.0361, Adjusted R-Squared: -0.00505

F-statistic vs. constant model: 0.877, p-value = 0.526

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	2.2042	3	0.73474	0.73231	0.53412
<b>mean_UDexc_COV</b>	0.54168	1	0.54168	0.53989	0.46353
<b>cond_char:mean_UDexc_COV</b>	1.9565	3	0.65216	0.65	0.58403
<b>Error</b>	164.54	164	1.0033		
<b>Total</b>	170.71	171			

## CL11: Rolandic\_Oper\_R



CL11) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.78542	0.58463	1.3435	0.18098
cond_char_0.5	0.37871	1.1157	0.33944	0.73471
cond_char_0.75	-0.78194	1.3066	-0.59845	0.55036
cond_char_1.0	-1.5854	1.2589	-1.2593	0.20972
mean_UDexc_mean	-13.926	38.214	-0.36442	0.71602
cond_char_0.5:mean_UDexc_mean	-18.932	61.84	-0.30615	0.75988
cond_char_0.75:mean_UDexc_mean	35.885	58.402	0.61444	0.53977
cond_char_1.0:mean_UDexc_mean	53.171	50.052	1.0623	0.28965

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 1.06

R-squared: 0.0143, Adjusted R-Squared: -0.0277

F-statistic vs. constant model: 0.341, p-value = 0.934

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.5588	3	0.85294	0.754	0.52151
mean_UDexc_mean	0.034493	1	0.034493	0.030492	0.86159
cond_char:mean_UDexc_mean	2.3312	3	0.77708	0.68694	0.56123
Error	185.52	164	1.1312		
Total	188.22	171			

CL11) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.4979	1.3529	2.5854	0.010595
cond_char_0.5	1.716	2.5819	0.66463	0.50722
cond_char_0.75	-2.0523	3.0237	-0.67875	0.49825
cond_char_1.0	-4.5956	2.9134	-1.5774	0.11663
mean_UDexc_mean	-0.74536	88.433	-0.0084286	0.99329

<code>cond_char_0.5:mean_UDexc_mean</code>	-102.03	143.11	-0.71298	0.47687
<code>cond_char_0.75:mean_UDexc_mean</code>	62.839	135.15	0.46495	0.64258
<code>cond_char_1.0:mean_UDexc_mean</code>	114.49	115.83	0.98841	0.32441

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.46

R-squared: 0.0317, Adjusted R-Squared: -0.00965

F-statistic vs. constant model: 0.767, p-value = 0.616

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	24.185	3	8.0618	1.3308	0.26621
<code>mean_UDexc_mean</code>	0.86732	1	0.86732	0.14317	0.70564
<code>cond_char:mean_UDexc_mean</code>	17.193	3	5.7311	0.94603	0.41983
<code>Error</code>	993.52	164	6.058		
<code>Total</code>	1026	171			

CL11) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_UDexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.5822	0.54981	2.8778	0.0045387
<code>cond_char_0.5</code>	0.88272	1.0492	0.8413	0.4014
<code>cond_char_0.75</code>	0.68028	1.2288	0.55362	0.58059
<code>cond_char_1.0</code>	0.52283	1.184	0.4416	0.65936
<code>mean_UDexc_mean</code>	-11.891	35.938	-0.33087	0.74117
<code>cond_char_0.5:mean_UDexc_mean</code>	-45.861	58.157	-0.78857	0.4315
<code>cond_char_0.75:mean_UDexc_mean</code>	-27.312	54.924	-0.49728	0.61966
<code>cond_char_1.0:mean_UDexc_mean</code>	-18.683	47.071	-0.39691	0.69195

Number of observations: 172, Error degrees of freedom: 164

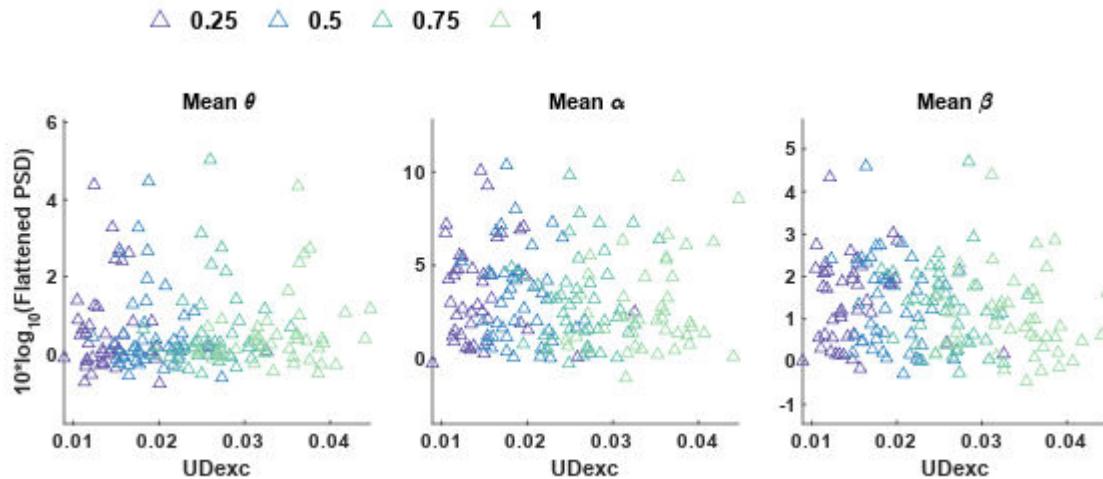
Root Mean Squared Error: 1

R-squared: 0.0388, Adjusted R-Squared: -0.0022

F-statistic vs. constant model: 0.946, p-value = 0.472

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.87795	3	0.29265	0.29251	0.83077
<code>mean_UDexc_mean</code>	3.2242	1	3.2242	3.2227	0.074465
<code>cond_char:mean_UDexc_mean</code>	0.66275	3	0.22092	0.22081	0.88184
<code>Error</code>	164.08	164	1.0005		
<code>Total</code>	170.71	171			

## CL11: Rolandic\_Oper\_R



CL11) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.098203	0.66705	0.14722	0.88314
cond_char_0.5	-0.70677	1.2933	-0.5465	0.58546
cond_char_0.75	-1.5245	1.7407	-0.87577	0.38244
cond_char_1.0	-2.4903	1.8851	-1.3211	0.18831
mean_StanceDur	0.27764	0.37254	0.74525	0.45718
cond_char_0.5:mean_StanceDur	0.77597	1.0796	0.71878	0.4733
cond_char_0.75:mean_StanceDur	2.074	1.9129	1.0842	0.27986
cond_char_1.0:mean_StanceDur	3.7736	2.4549	1.5372	0.12618

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 1.05

R-squared: 0.0357, Adjusted R-Squared: -0.00545

F-statistic vs. constant model: 0.868, p-value = 0.534

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.5181	3	0.83935	0.75843	0.51896
mean_StanceDur	6.2607	1	6.2607	5.6572	0.018535
cond_char:mean_StanceDur	4.1724	3	1.3908	1.2567	0.29109
Error	181.5	164	1.1067		
Total	188.22	171			

CL11) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.9582	1.5588	1.8977	0.059492
cond_char_0.5	0.9263	3.0222	0.3065	0.75962
cond_char_0.75	-1.902	4.0679	-0.46756	0.64072
cond_char_1.0	-7.7764	4.4052	-1.7653	0.079381
mean_StanceDur	0.30422	0.87059	0.34944	0.72721

<code>cond_char_0.5:mean_StanceDur</code>	-0.90487	2.5229	-0.35867	0.7203
<code>cond_char_0.75:mean_StanceDur</code>	2.0606	4.4703	0.46095	0.64545
<code>cond_char_1.0:mean_StanceDur</code>	10.202	5.7369	1.7782	0.077216

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.46

R-squared: 0.034, Adjusted R-Squared: -0.00728

F-statistic vs. constant model: 0.824, p-value = 0.569

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	22.042	3	7.3474	1.2157	0.30577
<code>mean_StanceDur</code>	16.549	1	16.549	2.7381	0.099894
<code>cond_char:mean_StanceDur</code>	21.515	3	7.1716	1.1866	0.31658
<code>Error</code>	991.18	164	6.0438		
<code>Total</code>	1026	171			

CL11) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StanceDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.99938	0.63812	1.5661	0.11925
<code>cond_char_0.5</code>	0.57411	1.2372	0.46405	0.64323
<code>cond_char_0.75</code>	1.738	1.6652	1.0437	0.29817
<code>cond_char_1.0</code>	-0.54074	1.8033	-0.29986	0.76466
<code>mean_StanceDur</code>	0.23478	0.35638	0.65879	0.51095
<code>cond_char_0.5:mean_StanceDur</code>	-0.43878	1.0327	-0.42486	0.67149
<code>cond_char_0.75:mean_StanceDur</code>	-1.9964	1.83	-1.091	0.27688
<code>cond_char_1.0:mean_StanceDur</code>	0.59863	2.3484	0.25491	0.79912

Number of observations: 172, Error degrees of freedom: 164

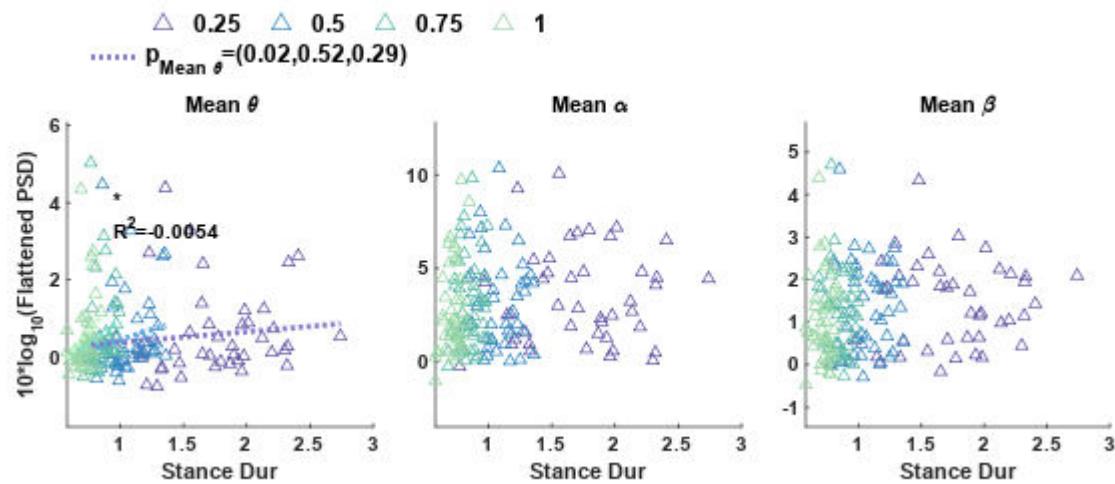
Root Mean Squared Error: 1.01

R-squared: 0.027, Adjusted R-Squared: -0.0145

F-statistic vs. constant model: 0.65, p-value = 0.714

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.4204	3	0.47348	0.4675	0.70535
<code>mean_StanceDur</code>	0.084298	1	0.084298	0.083234	0.77333
<code>cond_char:mean_StanceDur</code>	1.4257	3	0.47522	0.46922	0.70415
<code>Error</code>	166.1	164	1.0128		
<code>Total</code>	170.71	171			

## CL11: Rolandic\_Oper\_R



CL11) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.15361	0.68843	0.22313	0.82372
cond_char_0.5	-0.55305	1.3207	-0.41875	0.67595
cond_char_0.75	-1.2791	1.7176	-0.7447	0.45752
cond_char_1.0	-2.4404	1.8469	-1.3214	0.18821
mean_GaitCycleDur	0.18047	0.28282	0.63811	0.52429
cond_char_0.5:mean_GaitCycleDur	0.39636	0.74694	0.53065	0.59638
cond_char_0.75:mean_GaitCycleDur	1.1012	1.2106	0.90959	0.36438
cond_char_1.0:mean_GaitCycleDur	2.2648	1.5031	1.5068	0.1338

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 1.05

R-squared: 0.0302, Adjusted R-Squared: -0.0112

F-statistic vs. constant model: 0.73, p-value = 0.647

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.2888	3	0.76295	0.68549	0.56212
mean_GaitCycleDur	5.4284	1	5.4284	4.8773	0.028599
cond_char:mean_GaitCycleDur	3.459	3	1.153	1.0359	0.37824
Error	182.53	164	1.113		
Total	188.22	171			

CL11) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_GaitCycleDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.7584	1.5998	1.7242	0.086559
cond_char_0.5	1.1473	3.0692	0.37382	0.70902
cond_char_0.75	-1.8413	3.9914	-0.46131	0.64519
cond_char_1.0	-8.1027	4.2918	-1.8879	0.060802
mean_GaitCycleDur	0.30784	0.65724	0.46839	0.64013

<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.72369	1.7358	-0.41692	0.67728
<code>cond_char_0.75:mean_GaitCycleDur</code>	1.313	2.8133	0.46673	0.64132
<code>cond_char_1.0:mean_GaitCycleDur</code>	6.7249	3.493	1.9253	0.055927

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.45

R-squared: 0.0393, Adjusted R-Squared: -0.00173

F-statistic vs. constant model: 0.958, p-value = 0.464

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	25.492	3	8.4974	1.4138	0.24065
<code>mean_GaitCycleDur</code>	19.714	1	19.714	3.28	0.071959
<code>cond_char:mean_GaitCycleDur</code>	25.253	3	8.4177	1.4005	0.24458
<code>Error</code>	985.72	164	6.0105		
<code>Total</code>	1026	171			

CL11) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.94261	0.65665	1.4355	0.15305
<code>cond_char_0.5</code>	0.57158	1.2598	0.45373	0.65062
<code>cond_char_0.75</code>	1.3835	1.6383	0.84448	0.39963
<code>cond_char_1.0</code>	-1.0452	1.7616	-0.59331	0.55379
<code>mean_GaitCycleDur</code>	0.1964	0.26977	0.72802	0.46764
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.29643	0.71246	-0.41606	0.67791
<code>cond_char_0.75:mean_GaitCycleDur</code>	-1.0167	1.1547	-0.88046	0.3799
<code>cond_char_1.0:mean_GaitCycleDur</code>	0.81096	1.4337	0.56563	0.57242

Number of observations: 172, Error degrees of freedom: 164

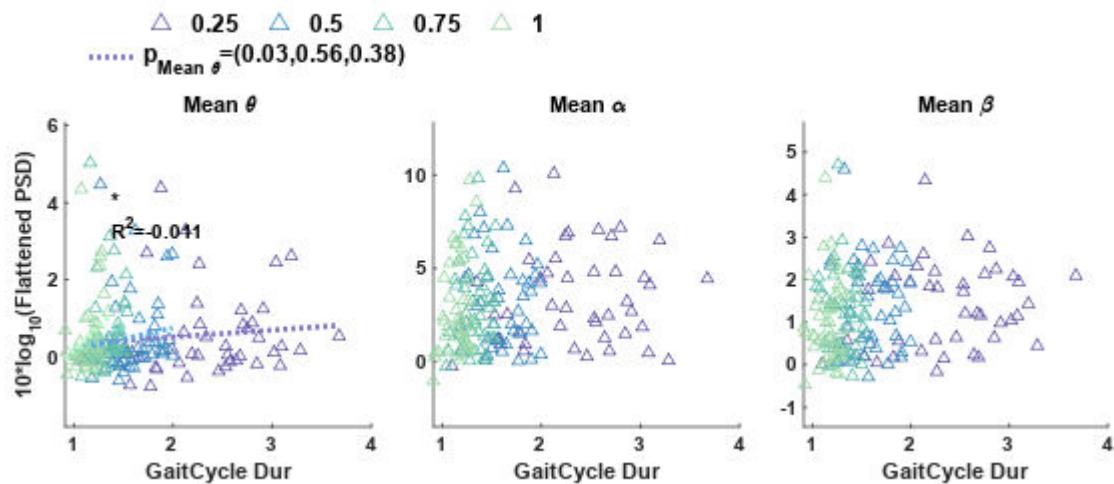
Root Mean Squared Error: 1.01

R-squared: 0.0272, Adjusted R-Squared: -0.0144

F-statistic vs. constant model: 0.654, p-value = 0.71

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.4303	3	0.47678	0.47084	0.70302
<code>mean_GaitCycleDur</code>	0.021685	1	0.021685	0.021414	0.88384
<code>cond_char:mean_GaitCycleDur</code>	1.3028	3	0.43426	0.42885	0.7326
<code>Error</code>	166.07	164	1.0126		
<code>Total</code>	170.71	171			

### CL11: Rolandic\_Oper\_R



CL11) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.2209	0.8574	1.424	0.15635
cond_char_0.5	-0.17056	1.399	-0.12191	0.90312
cond_char_0.75	-0.26689	1.4955	-0.17847	0.85857
cond_char_1.0	-0.50148	1.4867	-0.33731	0.73631
mean_PeakUpDownVel_mean	-5.8646	7.7114	-0.76051	0.44804
cond_char_0.5:mean_PeakUpDownVel_mean	3.1143	9.6459	0.32286	0.74721
cond_char_0.75:mean_PeakUpDownVel_mean	4.5257	8.8458	0.51163	0.6096
cond_char_1.0:mean_PeakUpDownVel_mean	5.4015	8.3094	0.65004	0.51657

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 1.07

R-squared: 0.00604, Adjusted R-Squared: -0.0364

F-statistic vs. constant model: 0.142, p-value = 0.995

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.13585	3	0.045282	0.039695	0.98941
mean_PeakUpDownVel_mean	1.0196	1	1.0196	0.8938	0.34584
cond_char:mean_PeakUpDownVel_mean	0.54793	3	0.18264	0.16011	0.92303
Error	187.08	164	1.1407		
Total	188.22	171			

CL11) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	4.8493	1.991	2.4356	0.015938
cond_char_0.5	-0.014584	3.2488	-0.004489	0.99642
cond_char_0.75	-1.1591	3.4727	-0.33377	0.73898
cond_char_1.0	-1.492	3.4524	-0.43216	0.66619
mean_PeakUpDownVel_mean	-12.481	17.907	-0.69695	0.48682

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	4.001	22.399	0.17862	0.85846
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	10.276	20.541	0.50027	0.61756
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	11.006	19.296	0.57036	0.56921

Number of observations: 172, Error degrees of freedom: 164

Root Mean Squared Error: 2.48

R-squared: 0.0168, Adjusted R-Squared: -0.0252

F-statistic vs. constant model: 0.399, p-value = 0.902

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.6985	3	0.56617	0.092039	0.96434
<code>mean_PeakUpDownVel_mean</code>	5.7043	1	5.7043	0.92732	0.33698
<code>cond_char:mean_PeakUpDownVel_mean</code>	2.9778	3	0.99259	0.16136	0.92221
<code>Error</code>	1008.8	164	6.1514		
<code>Total</code>	1026	171			

CL11) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.1882	0.8009	2.7322	0.0069814
<code>cond_char_0.5</code>	0.29748	1.3069	0.22763	0.82022
<code>cond_char_0.75</code>	-0.080292	1.3969	-0.057477	0.95423
<code>cond_char_1.0</code>	0.32175	1.3887	0.23169	0.81707
<code>mean_PeakUpDownVel_mean</code>	-7.1526	7.2033	-0.99295	0.3222
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	1.1488	9.0104	0.1275	0.8987
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	4.0384	8.2629	0.48874	0.62568
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	3.4282	7.7619	0.44167	0.65931

Number of observations: 172, Error degrees of freedom: 164

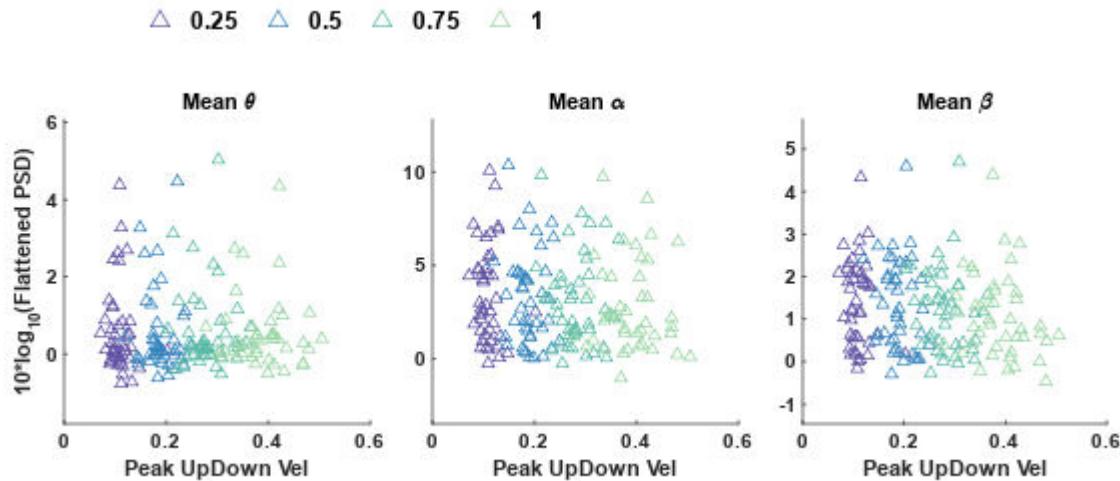
Root Mean Squared Error: 0.998

R-squared: 0.0437, Adjusted R-Squared: 0.00292

F-statistic vs. constant model: 1.07, p-value = 0.384

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.11364	3	0.037879	0.038055	0.99005
<code>mean_PeakUpDownVel_mean</code>	3.7565	1	3.7565	3.774	0.053768
<code>cond_char:mean_PeakUpDownVel_mean</code>	0.37622	3	0.12541	0.12599	0.94461
<code>Error</code>	163.24	164	0.99537		
<code>Total</code>	170.71	171			

## CL11: Rolandic\_Oper\_R



CL12) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.37995	0.27444	1.3845	0.16747
cond_char_0.5	0.056487	0.44836	0.12599	0.89985
cond_char_0.75	0.80962	0.47226	1.7144	0.087732
cond_char_1.0	0.8015	0.42905	1.8681	0.062951
mean_APexc_COV	0.0019072	0.011416	0.16707	0.86745
cond_char_0.5:mean_APexc_COV	-0.0014998	0.020337	-0.073748	0.94127
cond_char_0.75:mean_APexc_COV	-0.031847	0.022185	-1.4355	0.15242
cond_char_1.0:mean_APexc_COV	-0.033165	0.019834	-1.6722	0.095771

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.777

R-squared: 0.0349, Adjusted R-Squared: 0.00723

F-statistic vs. constant model: 1.26, p-value = 0.27

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.386	3	1.1287	1.8713	0.13499
mean_APexc_COV	2.0137	1	2.0137	3.3387	0.068888
cond_char:mean_APexc_COV	2.5836	3	0.86119	1.4279	0.2352
Error	147.16	244	0.60313		
Total	152.49	251			

CL12) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.50375	0.77958	0.64617	0.51878
cond_char_0.5	1.8682	1.2736	1.4668	0.14372
cond_char_0.75	1.9572	1.3415	1.4589	0.14588
cond_char_1.0	1.6398	1.2188	1.3454	0.17974
mean_APexc_COV	0.065337	0.032429	2.0148	0.045024

cond_char_0.5:mean_APexc_COV	-0.093346	0.057771	-1.6158	0.10743
cond_char_0.75:mean_APexc_COV	-0.099115	0.063019	-1.5728	0.11707
cond_char_1.0:mean_APexc_COV	-0.08091	0.056341	-1.4361	0.15226

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.21

R-squared: 0.0207, Adjusted R-Squared: -0.0074

F-statistic vs. constant model: 0.736, p-value = 0.641

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	17.053	3	5.6842	1.1679	0.32258
mean_APexc_COV	0.08396	1	0.08396	0.017251	0.89561
cond_char:mean_APexc_COV	21.765	3	7.2548	1.4907	0.21766
Error	1187.5	244	4.8669		
Total	1212.6	251			

CL12) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.6214	0.70591	2.297	0.022469
cond_char_0.5	-0.11754	1.1533	-0.10192	0.91891
cond_char_0.75	-0.44984	1.2148	-0.37031	0.71147
cond_char_1.0	-0.60092	1.1036	-0.54451	0.58659
mean_APexc_COV	0.044138	0.029364	1.5031	0.1341
cond_char_0.5:mean_APexc_COV	0.0061649	0.052311	0.11785	0.90628
cond_char_0.75:mean_APexc_COV	0.023319	0.057064	0.40865	0.68316
cond_char_1.0:mean_APexc_COV	0.026462	0.051016	0.5187	0.60444

Number of observations: 252, Error degrees of freedom: 244

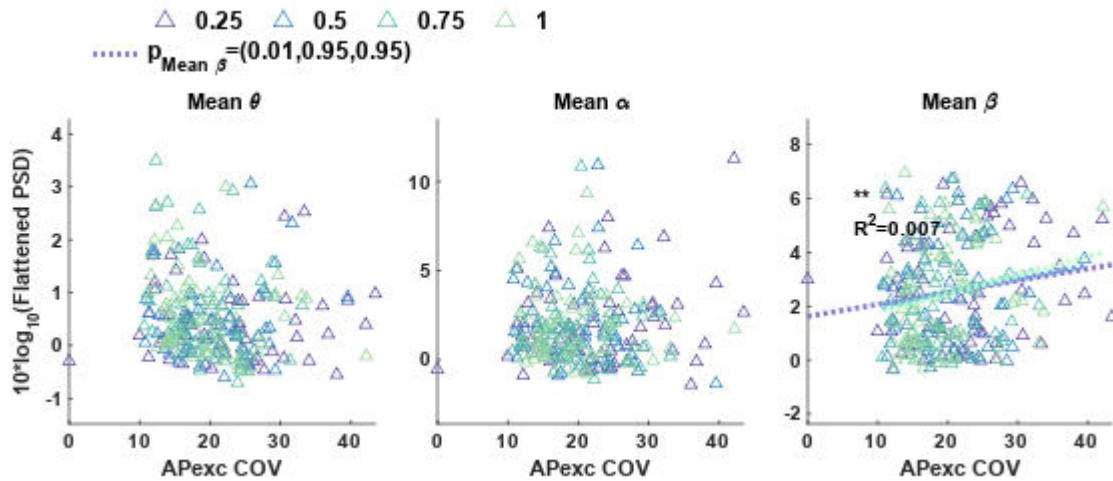
Root Mean Squared Error: 2

R-squared: 0.0347, Adjusted R-Squared: 0.007

F-statistic vs. constant model: 1.25, p-value = 0.275

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.4299	3	0.47664	0.11944	0.94862
mean_APexc_COV	31.394	1	31.394	7.8673	0.0054391
cond_char:mean_APexc_COV	1.4083	3	0.46945	0.11764	0.94969
Error	973.67	244	3.9905		
Total	1008.7	251			

### CL12: Postcentral\_R



CL12) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.062254	0.28893	-0.21546	0.82959
cond_char_0.5	0.71904	0.47062	1.5279	0.12784
cond_char_0.75	0.24132	0.53458	0.45141	0.65209
cond_char_1.0	-0.1198	0.53062	-0.22578	0.82156
mean_APexc_mean	7.9227	4.4421	1.7836	0.075738
cond_char_0.5:mean_APexc_mean	-12.203	8.488	-1.4376	0.15182
cond_char_0.75:mean_APexc_mean	2.3065	11.451	0.20142	0.84054
cond_char_1.0:mean_APexc_mean	11.795	12.158	0.97013	0.33294

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.775

R-squared: 0.0398, Adjusted R-Squared: 0.0123

F-statistic vs. constant model: 1.45, p-value = 0.187

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.7738	3	0.59127	0.98538	0.40028
mean_APexc_mean	2.1732	1	2.1732	3.6217	0.058207
cond_char:mean_APexc_mean	2.2878	3	0.76259	1.2709	0.28494
Error	146.41	244	0.60004		
Total	152.49	251			

CL12) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.089968	0.81057	-0.11099	0.91171
cond_char_0.5	2.5266	1.3202	1.9138	0.05682
cond_char_0.75	4.1446	1.4997	2.7637	0.0061512
cond_char_1.0	3.4131	1.4886	2.2929	0.022706
mean_APexc_mean	33.668	12.462	2.7017	0.0073827

cond_char_0.5:mean_APexc_mean	-46.419	23.812	-1.9494	0.052394
cond_char_0.75:mean_APexc_mean	-87.845	32.124	-2.7346	0.0067045
cond_char_1.0:mean_APexc_mean	-72.297	34.108	-2.1196	0.035048

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.17

R-squared: 0.0498, Adjusted R-Squared: 0.0225

F-statistic vs. constant model: 1.83, p-value = 0.083

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	49.531	3	16.51	3.4962	0.016253
mean_APexc_mean	9.9547	1	9.9547	2.108	0.14782
cond_char:mean_APexc_mean	55.983	3	18.661	3.9516	0.0088898
Error	1152.3	244	4.7224		
Total	1212.6	251			

CL12) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.1443	0.74578	2.8753	0.0043937
cond_char_0.5	1.1658	1.2147	0.95976	0.33813
cond_char_0.75	2.6234	1.3798	1.9012	0.058449
cond_char_1.0	2.0914	1.3696	1.527	0.12806
mean_APexc_mean	7.6523	11.466	0.66741	0.50514
cond_char_0.5:mean_APexc_mean	-23.548	21.909	-1.0748	0.28352
cond_char_0.75:mean_APexc_mean	-62.413	29.557	-2.1117	0.035733
cond_char_1.0:mean_APexc_mean	-55.719	31.382	-1.7755	0.077063

Number of observations: 252, Error degrees of freedom: 244

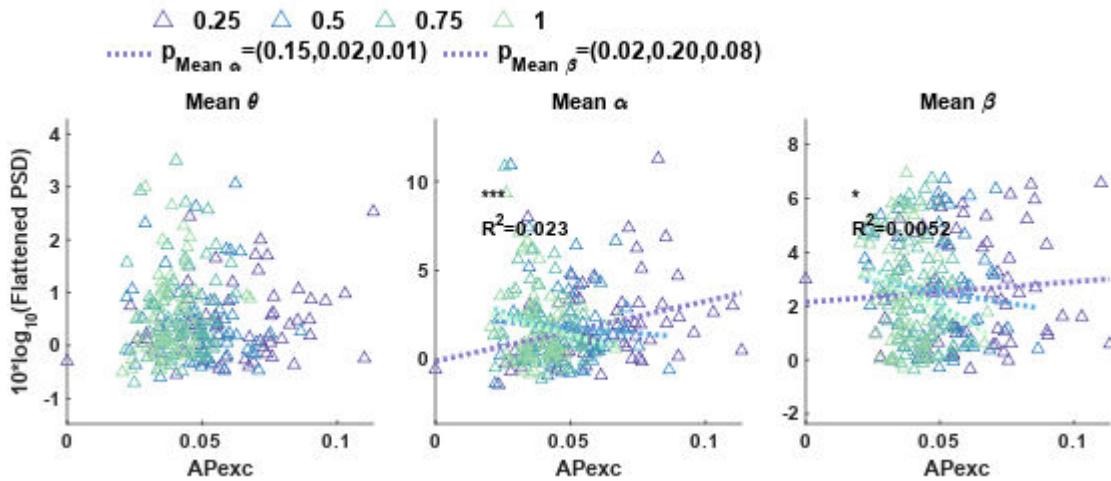
Root Mean Squared Error: 2

R-squared: 0.0329, Adjusted R-Squared: 0.0052

F-statistic vs. constant model: 1.19, p-value = 0.31

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	18.576	3	6.1921	1.5489	0.20248
mean_APexc_mean	23.762	1	23.762	5.944	0.015482
cond_char:mean_APexc_mean	27.408	3	9.1359	2.2853	0.079421
Error	975.43	244	3.9977		
Total	1008.7	251			

### CL12: Postcentral\_R



CL12) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.1916	0.23835	0.80388	0.42225
cond_char_0.5	0.030979	0.37109	0.08348	0.93354
cond_char_0.75	-0.043699	0.40503	-0.10789	0.91417
cond_char_1.0	0.13745	0.44123	0.31151	0.75568
mean_MLexc_COV	0.018495	0.017374	1.0645	0.28815
cond_char_0.5:mean_MLexc_COV	-0.0012278	0.027065	-0.045364	0.96385
cond_char_0.75:mean_MLexc_COV	0.012639	0.027485	0.45985	0.64603
cond_char_1.0:mean_MLexc_COV	-0.0044771	0.026837	-0.16683	0.86764

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.779

R-squared: 0.028, Adjusted R-Squared: 8.29e-05

F-statistic vs. constant model: 1, p-value = 0.43

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.08892	3	0.02964	0.048793	0.98571
mean_MLexc_COV	2.4787	1	2.4787	4.0804	0.044477
cond_char:mean_MLexc_COV	0.23301	3	0.077669	0.12786	0.94352
Error	148.22	244	0.60747		
Total	152.49	251			

CL12) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.80684	0.66622	1.2111	0.22704
cond_char_0.5	2.2751	1.0373	2.1933	0.029227
cond_char_0.75	2.5854	1.1321	2.2837	0.02325
cond_char_1.0	2.1805	1.2333	1.768	0.078312
mean_MLexc_COV	0.093148	0.048563	1.9181	0.056266

<code>cond_char_0.5:mean_MLexc_COV</code>	-0.19243	0.075651	-2.5437	0.011586
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.20163	0.076825	-2.6246	0.0092237
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.15862	0.075014	-2.1145	0.035484

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.18

R-squared: 0.045, Adjusted R-Squared: 0.0176

F-statistic vs. constant model: 1.64, p-value = 0.124

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	37.243	3	12.414	2.6157	0.051718
<code>mean_MLexc_COV</code>	12.28	1	12.28	2.5873	0.10902
<code>cond_char:mean_MLexc_COV</code>	47.361	3	15.787	3.3263	0.020343
<code>Error</code>	1158	244	4.7461		
<code>Total</code>	1212.6	251			

CL12) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.0807	0.61715	3.3714	0.00086934
<code>cond_char_0.5</code>	0.92439	0.96087	0.96203	0.33699
<code>cond_char_0.75</code>	1.3803	1.0487	1.3161	0.18937
<code>cond_char_1.0</code>	0.93157	1.1425	0.8154	0.41564
<code>mean_MLexc_COV</code>	0.042568	0.044986	0.94624	0.34496
<code>cond_char_0.5:mean_MLexc_COV</code>	-0.080089	0.070079	-1.1428	0.25423
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.10878	0.071167	-1.5286	0.12767
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.078025	0.06949	-1.1228	0.26261

Number of observations: 252, Error degrees of freedom: 244

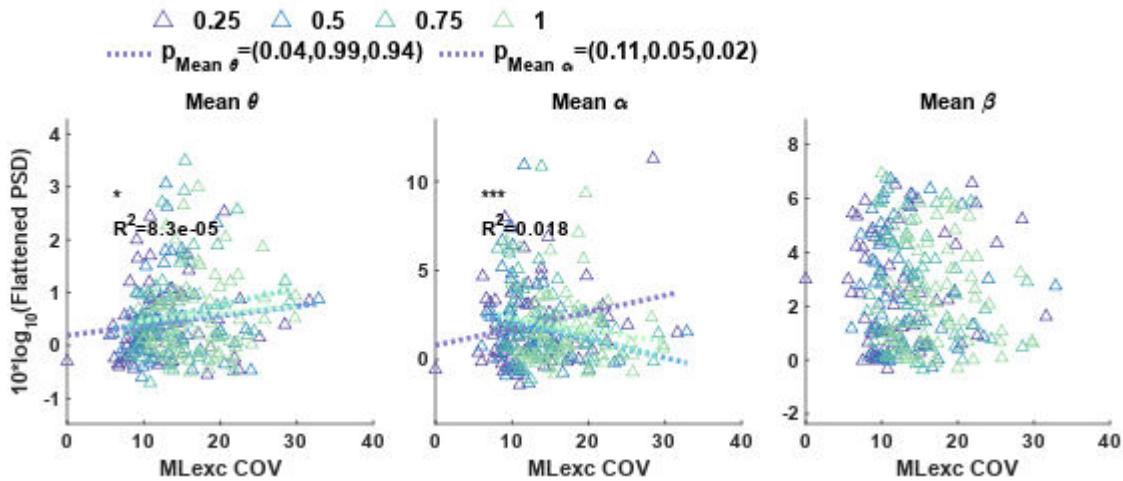
Root Mean Squared Error: 2.02

R-squared: 0.0148, Adjusted R-Squared: -0.0135

F-statistic vs. constant model: 0.523, p-value = 0.817

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	8.4449	3	2.815	0.69117	0.55822
<code>mean_MLexc_COV</code>	3.5349	1	3.5349	0.86794	0.35245
<code>cond_char:mean_MLexc_COV</code>	11.473	3	3.8243	0.939	0.42242
<code>Error</code>	993.76	244	4.0728		
<code>Total</code>	1008.7	251			

### CL12: Postcentral\_R



CL12) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.15655	0.34031	0.46003	0.64591
cond_char_0.5	0.31335	0.49294	0.63567	0.52559
cond_char_0.75	0.44854	0.51853	0.86502	0.38788
cond_char_1.0	0.29381	0.54292	0.54117	0.58889
mean_MLexc_mean	2.256	2.7591	0.81766	0.41435
cond_char_0.5:mean_MLexc_mean	-2.5249	4.5794	-0.55137	0.58188
cond_char_0.75:mean_MLexc_mean	-2.2631	6.0048	-0.37689	0.70658
cond_char_1.0:mean_MLexc_mean	-0.049653	7.8166	-0.0063523	0.99494

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.785

R-squared: 0.0134, Adjusted R-Squared: -0.0149

F-statistic vs. constant model: 0.474, p-value = 0.853

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.5173	3	0.17243	0.27966	0.84005
mean_MLexc_mean	0.10502	1	0.10502	0.17032	0.68019
cond_char:mean_MLexc_mean	0.23311	3	0.077704	0.12603	0.94463
Error	150.44	244	0.61657		
Total	152.49	251			

CL12) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.65444	0.96091	0.68106	0.49648
cond_char_0.5	0.93041	1.3919	0.66846	0.50447
cond_char_0.75	0.72578	1.4642	0.4957	0.62055
cond_char_1.0	0.71465	1.533	0.46617	0.64151
mean_MLexc_mean	11.158	7.7909	1.4322	0.15336

<b>cond_char_0.5:mean_MLexc_mean</b>	-8.8122	12.931	-0.6815	0.4962
<b>cond_char_0.75:mean_MLexc_mean</b>	-5.2305	16.955	-0.30848	0.75798
<b>cond_char_1.0:mean_MLexc_mean</b>	-2.7652	22.071	-0.12528	0.9004

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.22

R-squared: 0.0108, Adjusted R-Squared: -0.0176

F-statistic vs. constant model: 0.381, p-value = 0.913

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	2.5279	3	0.84263	0.17141	0.91564
<b>mean_MLexc_mean</b>	4.639	1	4.639	0.94367	0.3323
<b>cond_char:mean_MLexc_mean</b>	2.3653	3	0.78843	0.16038	0.9229
<b>Error</b>	1199.5	244	4.9159		
<b>Total</b>	1212.6	251			

CL12) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	<b>Estimate</b>	<b>SE</b>	<b>tStat</b>	<b>pValue</b>
(Intercept)	2.5074	0.87839	2.8545	0.0046813
<b>cond_char_0.5</b>	0.64495	1.2724	0.50689	0.61269
<b>cond_char_0.75</b>	0.65082	1.3384	0.48626	0.62722
<b>cond_char_1.0</b>	0.32084	1.4014	0.22894	0.8191
<b>mean_MLexc_mean</b>	0.89343	7.1218	0.12545	0.90027
<b>cond_char_0.5:mean_MLexc_mean</b>	-7.6124	11.82	-0.64402	0.52016
<b>cond_char_0.75:mean_MLexc_mean</b>	-10.313	15.499	-0.66538	0.50643
<b>cond_char_1.0:mean_MLexc_mean</b>	-8.6583	20.176	-0.42914	0.6682

Number of observations: 252, Error degrees of freedom: 244

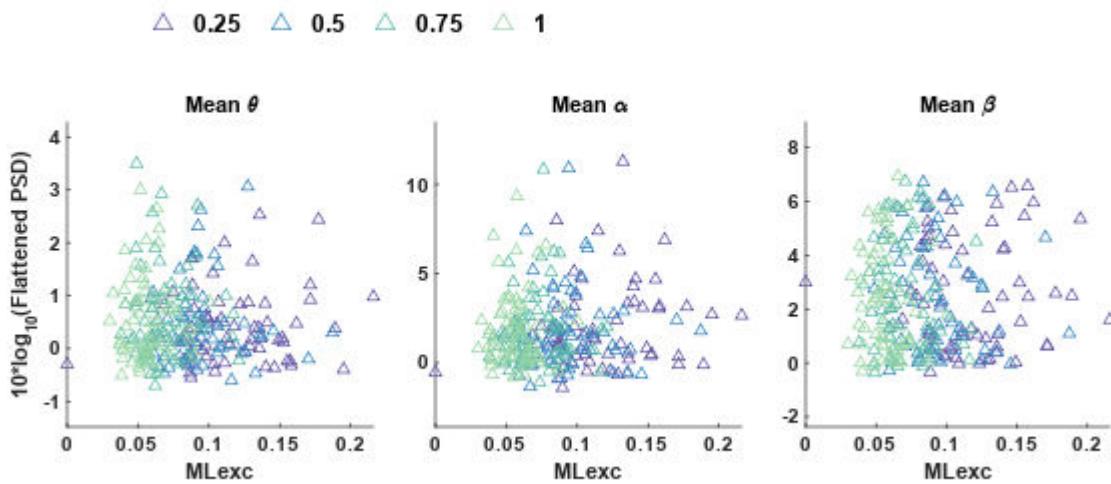
Root Mean Squared Error: 2.03

R-squared: 0.00629, Adjusted R-Squared: -0.0222

F-statistic vs. constant model: 0.221, p-value = 0.98

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	1.4154	3	0.47179	0.11485	0.95135
<b>mean_MLexc_mean</b>	3.1725	1	3.1725	0.77229	0.38037
<b>cond_char:mean_MLexc_mean</b>	3.0053	3	1.0018	0.24387	0.86565
<b>Error</b>	1002.3	244	4.1079		
<b>Total</b>	1008.7	251			

## CL12: Postcentral\_R



CL12) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.21751	0.4072	-0.53417	0.59371
cond_char_0.5	0.56154	0.74735	0.75138	0.45315
cond_char_0.75	-0.42791	0.97561	-0.43861	0.66133
cond_char_1.0	-1.7583	1.2129	-1.4496	0.14845
mean_StepDur	0.55468	0.34255	1.6192	0.10669
cond_char_0.5:mean_StepDur	-0.42925	0.84401	-0.50859	0.6115
cond_char_0.75:mean_StepDur	1.3363	1.3764	0.97087	0.33257
cond_char_1.0:mean_StepDur	3.8085	1.9776	1.9259	0.055283

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.771

R-squared: 0.0481, Adjusted R-Squared: 0.0208

F-statistic vs. constant model: 1.76, p-value = 0.0959

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.0133	3	0.67109	1.1281	0.33832
mean_StepDur	4.5529	1	4.5529	7.6532	0.0061009
cond_char:mean_StepDur	2.999	3	0.99967	1.6804	0.1718
Error	145.16	244	0.5949		
Total	152.49	251			

CL12) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.4869	1.1743	1.2662	0.20666
cond_char_0.5	0.26845	2.1553	0.12456	0.90098
cond_char_0.75	2.1339	2.8135	0.75842	0.44893
cond_char_1.0	1.6177	3.4979	0.46247	0.64415
mean_StepDur	0.41956	0.98789	0.4247	0.67143

<code>cond_char_0.5:mean_StepDur</code>	-0.35798	2.434	-0.14707	0.88319
<code>cond_char_0.75:mean_StepDur</code>	-3.1725	3.9694	-0.79926	0.42492
<code>cond_char_1.0:mean_StepDur</code>	-2.5813	5.7031	-0.45261	0.65123

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.22

R-squared: 0.00443, Adjusted R-Squared: -0.0241

F-statistic vs. constant model: 0.155, p-value = 0.993

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.5428	3	1.1809	0.23868	0.86932
<code>mean_StepDur</code>	1.8612	1	1.8612	0.37618	0.54023
<code>cond_char:mean_StepDur</code>	4.0349	3	1.345	0.27184	0.84568
<code>Error</code>	1207.2	244	4.9477		
<code>Total</code>	1212.6	251			

CL12) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.2374	1.0571	3.0626	0.0024398
<code>cond_char_0.5</code>	0.69336	1.9401	0.35739	0.72111
<code>cond_char_0.75</code>	3.129	2.5326	1.2355	0.21784
<code>cond_char_1.0</code>	4.4386	3.1487	1.4097	0.15991
<code>mean_StepDur</code>	-0.5411	0.88925	-0.60849	0.54343
<code>cond_char_0.5:mean_StepDur</code>	-1.2137	2.191	-0.55394	0.58013
<code>cond_char_0.75:mean_StepDur</code>	-5.3236	3.5731	-1.4899	0.13754
<code>cond_char_1.0:mean_StepDur</code>	-8.5002	5.1336	-1.6558	0.09905

Number of observations: 252, Error degrees of freedom: 244

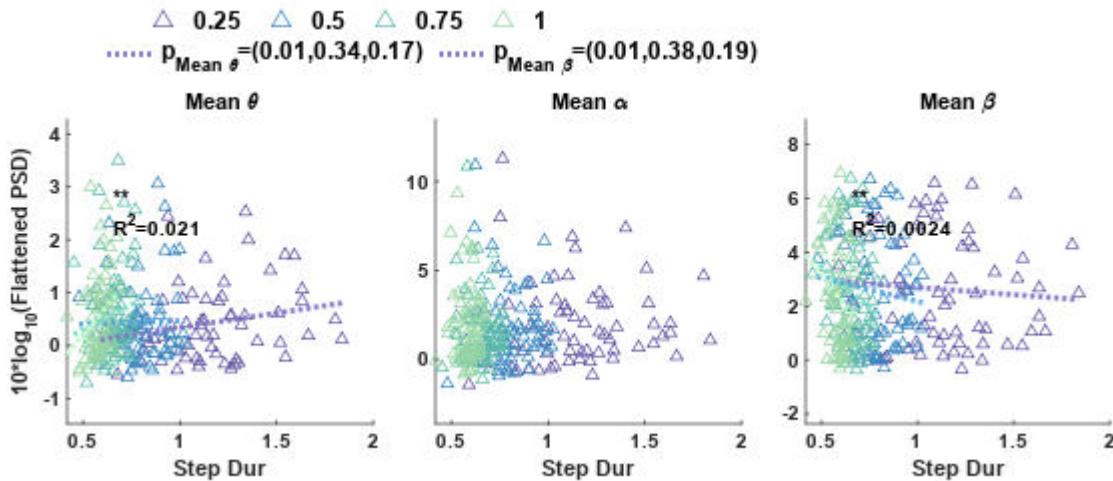
Root Mean Squared Error: 2

R-squared: 0.0302, Adjusted R-Squared: 0.00239

F-statistic vs. constant model: 1.09, p-value = 0.373

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	12.429	3	4.1429	1.0334	0.37841
<code>mean_StepDur</code>	28.018	1	28.018	6.9888	0.0087337
<code>cond_char:mean_StepDur</code>	19.435	3	6.4784	1.616	0.18623
<code>Error</code>	978.19	244	4.009		
<code>Total</code>	1008.7	251			

### CL12: Postcentral\_R



CL12) Variable: mean\_Udexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_Udexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.43732	0.37244	1.1742	0.24145
cond_char_0.5	-0.57206	0.64025	-0.89349	0.37248
cond_char_0.75	-0.085223	0.57767	-0.14753	0.88284
cond_char_1.0	0.5384	0.53578	1.0049	0.31594
mean_Udexc_COV	-0.00072333	0.017875	-0.040466	0.96775
cond_char_0.5:mean_Udexc_COV	0.04131	0.040033	1.0319	0.30314
cond_char_0.75:mean_Udexc_COV	0.024598	0.044454	0.55333	0.58055
cond_char_1.0:mean_Udexc_COV	-0.048007	0.048623	-0.98735	0.32445

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.782

R-squared: 0.0215, Adjusted R-Squared: -0.00657

F-statistic vs. constant model: 0.766, p-value = 0.616

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.924	3	0.64134	1.0488	0.37163
mean_Udexc_COV	0.025965	1	0.025965	0.04246	0.83692
cond_char:mean_Udexc_COV	1.658	3	0.55268	0.9038	0.4399
Error	149.21	244	0.61151		
Total	152.49	251			

CL12) Variable: mean\_Udexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_Udexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.5062	1.0323	2.4278	0.015915
cond_char_0.5	2.9049	1.7746	1.637	0.10293
cond_char_0.75	1.0401	1.6011	0.64959	0.51657
cond_char_1.0	1.6334	1.485	1.0999	0.27245
mean_Udexc_COV	-0.026624	0.049544	-0.53738	0.59149

<code>cond_char_0.5:mean_UDexc_COV</code>	-0.22599	0.11096	-2.0367	0.04276
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.13841	0.12321	-1.1233	0.2624
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.2525	0.13477	-1.8736	0.062178

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.17

R-squared: 0.0547, Adjusted R-Squared: 0.0276

F-statistic vs. constant model: 2.02, p-value = 0.0536

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	13.755	3	4.585	0.97598	0.40468
<code>mean_UDexc_COV</code>	60.335	1	60.335	12.843	0.00040894
<code>cond_char:mean_UDexc_COV</code>	32.53	3	10.843	2.3082	0.077107
<code>Error</code>	1146.3	244	4.6978		
<code>Total</code>	1212.6	251			

CL12) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_UDexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.6287	0.961	2.7354	0.0066876
<code>cond_char_0.5</code>	1.7574	1.652	1.0638	0.28847
<code>cond_char_0.75</code>	0.93752	1.4906	0.62897	0.52995
<code>cond_char_1.0</code>	0.3892	1.3825	0.28153	0.77854
<code>mean_UDexc_COV</code>	-0.00079256	0.046122	-0.017184	0.9863
<code>cond_char_0.5:mean_UDexc_COV</code>	-0.12975	0.1033	-1.2561	0.21026
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.10101	0.1147	-0.88058	0.37941
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.07528	0.12546	-0.60002	0.54905

Number of observations: 252, Error degrees of freedom: 244

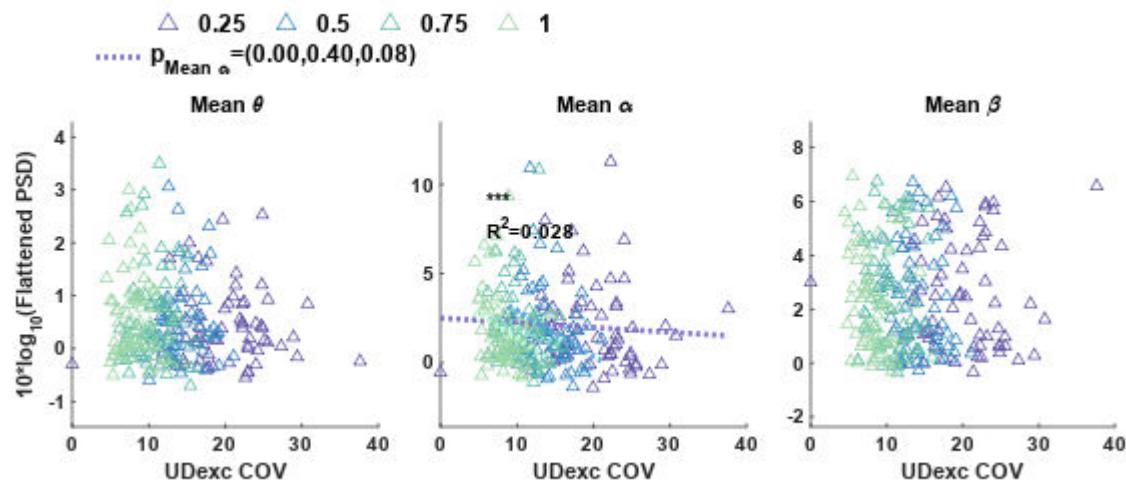
Root Mean Squared Error: 2.02

R-squared: 0.0151, Adjusted R-Squared: -0.0131

F-statistic vs. constant model: 0.535, p-value = 0.807

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.1463	3	1.7154	0.42134	0.73786
<code>mean_UDexc_COV</code>	11.023	1	11.023	2.7075	0.10116
<code>cond_char:mean_UDexc_COV</code>	8.6474	3	2.8825	0.70799	0.54806
<code>Error</code>	993.41	244	4.0714		
<code>Total</code>	1008.7	251			

## CL12: Postcentral\_R



CL12) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.30709	0.32596	0.9421	0.34707
cond_char_0.5	0.46551	0.56814	0.81936	0.41338
cond_char_0.75	0.52192	0.63612	0.82047	0.41275
cond_char_1.0	0.26487	0.63095	0.41979	0.67501
mean_UDexc_mean	7.8379	21.039	0.37254	0.70982
cond_char_0.5:mean_UDexc_mean	-24.185	30.928	-0.782	0.43497
cond_char_0.75:mean_UDexc_mean	-16.148	28.954	-0.55769	0.57757
cond_char_1.0:mean_UDexc_mean	-7.7676	25.814	-0.3009	0.76374

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.785

R-squared: 0.0137, Adjusted R-Squared: -0.0146

F-statistic vs. constant model: 0.484, p-value = 0.846

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.64338	3	0.21446	0.34792	0.79069
mean_UDexc_mean	0.10972	1	0.10972	0.178	0.67347
cond_char:mean_UDexc_mean	0.44708	3	0.14903	0.24177	0.86714
Error	150.4	244	0.6164		
Total	152.49	251			

CL12) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.35417	0.91828	0.38568	0.70007
cond_char_0.5	1.2853	1.6006	0.80304	0.42273
cond_char_0.75	1.3938	1.7921	0.77774	0.43748
cond_char_1.0	0.8333	1.7775	0.4688	0.63963
mean_UDexc_mean	109.54	59.272	1.8481	0.065797

<b>cond_char_0.5:mean_UDexc_mean</b>	-101.3	87.129	-1.1626	0.24611
<b>cond_char_0.75:mean_UDexc_mean</b>	-107.58	81.57	-1.3188	0.18846
<b>cond_char_1.0:mean_UDexc_mean</b>	-91.132	72.724	-1.2531	0.21136

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.21

R-squared: 0.0156, Adjusted R-Squared: -0.0126

F-statistic vs. constant model: 0.553, p-value = 0.794

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	4.8136	3	1.6045	0.32799	0.80513
<b>mean_UDexc_mean</b>	7.4651	1	7.4651	1.5259	0.21791
<b>cond_char:mean_UDexc_mean</b>	10.961	3	3.6536	0.74684	0.52512
<b>Error</b>	1193.7	244	4.8921		
<b>Total</b>	1212.6	251			

CL12) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	<b>Estimate</b>	<b>SE</b>	<b>tStat</b>	<b>pValue</b>
<b>(Intercept)</b>	2.839	0.84273	3.3688	0.00087726
<b>cond_char_0.5</b>	-0.22166	1.4689	-0.1509	0.88018
<b>cond_char_0.75</b>	0.45375	1.6446	0.2759	0.78286
<b>cond_char_1.0</b>	-0.30723	1.6313	-0.18834	0.85077
<b>mean_UDexc_mean</b>	-15.322	54.395	-0.28168	0.77843
<b>cond_char_0.5:mean_UDexc_mean</b>	10.591	79.96	0.13245	0.89473
<b>cond_char_0.75:mean_UDexc_mean</b>	-14.415	74.859	-0.19256	0.84747
<b>cond_char_1.0:mean_UDexc_mean</b>	11.372	66.74	0.17039	0.86484

Number of observations: 252, Error degrees of freedom: 244

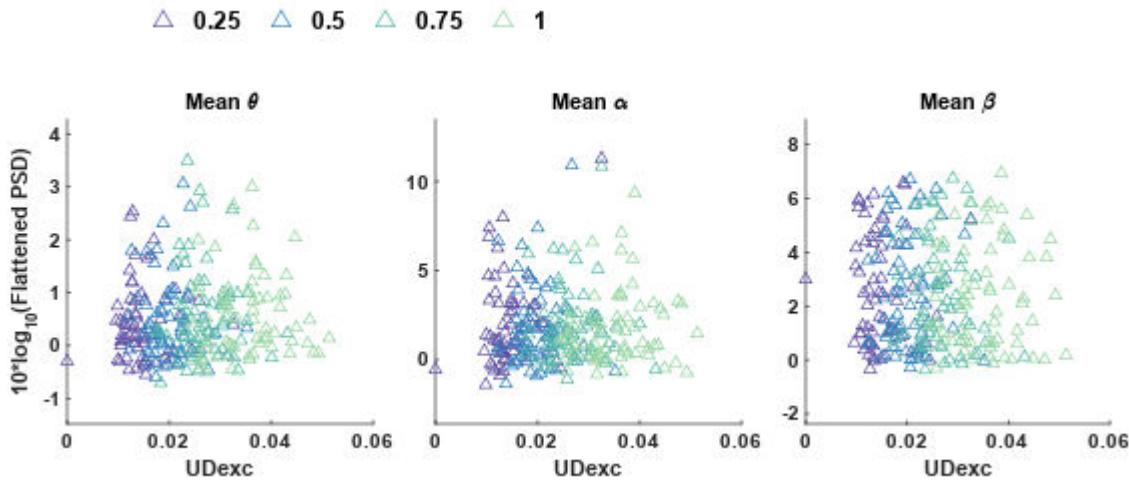
Root Mean Squared Error: 2.03

R-squared: 0.00332, Adjusted R-Squared: -0.0253

F-statistic vs. constant model: 0.116, p-value = 0.997

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	0.75536	3	0.25179	0.061111	0.98019
<b>mean_UDexc_mean</b>	1.1295	1	1.1295	0.27414	0.60104
<b>cond_char:mean_UDexc_mean</b>	0.74706	3	0.24902	0.06044	0.9805
<b>Error</b>	1005.3	244	4.1201		
<b>Total</b>	1008.7	251			

## CL12: Postcentral\_R



CL12) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.14177	0.38399	-0.3692	0.7123
cond_char_0.5	0.47882	0.72946	0.65641	0.51218
cond_char_0.75	-0.47245	0.99605	-0.47432	0.63569
cond_char_1.0	-1.9275	1.2405	-1.5538	0.12153
mean_StanceDur	0.33308	0.21916	1.5198	0.12985
cond_char_0.5:mean_StanceDur	-0.23255	0.61265	-0.37958	0.70459
cond_char_0.75:mean_StanceDur	1.109	1.1033	1.0052	0.31581
cond_char_1.0:mean_StanceDur	3.2835	1.623	2.0231	0.044155

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.772

R-squared: 0.0462, Adjusted R-Squared: 0.0188

F-statistic vs. constant model: 1.69, p-value = 0.112

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.0785	3	0.69285	1.1623	0.32475
mean_StanceDur	4.3529	1	4.3529	7.3026	0.0073691
cond_char:mean_StanceDur	3.1565	3	1.0522	1.7652	0.15441
Error	145.44	244	0.59608		
Total	152.49	251			

CL12) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.2796	1.1065	1.1564	0.24865
cond_char_0.5	-0.091608	2.1021	-0.04358	0.96527
cond_char_0.75	1.3601	2.8703	0.47386	0.63603
cond_char_1.0	-0.463	3.5747	-0.12952	0.89705
mean_StanceDur	0.40805	0.63155	0.64611	0.51881

<code>cond_char_0.5:mean_StanceDur</code>	0.16803	1.7655	0.095177	0.92425
<code>cond_char_0.75:mean_StanceDur</code>	-1.4005	3.1794	-0.4405	0.65997
<code>cond_char_1.0:mean_StanceDur</code>	0.9935	4.6771	0.21242	0.83196

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.22

R-squared: 0.00398, Adjusted R-Squared: -0.0246

F-statistic vs. constant model: 0.139, p-value = 0.995

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.3533	3	0.45109	0.091131	0.96488
<code>mean_StanceDur</code>	0.28011	1	0.28011	0.056588	0.81217
<code>cond_char:mean_StanceDur</code>	1.2767	3	0.42557	0.085975	0.96767
<code>Error</code>	1207.8	244	4.9499		
<code>Total</code>	1212.6	251			

CL12) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StanceDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.0058	1.0023	2.9988	0.0029912
<code>cond_char_0.5</code>	0.45591	1.9041	0.23944	0.81097
<code>cond_char_0.75</code>	2.8195	2.6	1.0844	0.27925
<code>cond_char_1.0</code>	3.1353	3.238	0.96826	0.33387
<code>mean_StanceDur</code>	-0.23185	0.57207	-0.40527	0.68563
<code>cond_char_0.5:mean_StanceDur</code>	-0.64542	1.5992	-0.40358	0.68687
<code>cond_char_0.75:mean_StanceDur</code>	-3.7148	2.88	-1.2899	0.19831
<code>cond_char_1.0:mean_StanceDur</code>	-4.8976	4.2366	-1.156	0.2488

Number of observations: 252, Error degrees of freedom: 244

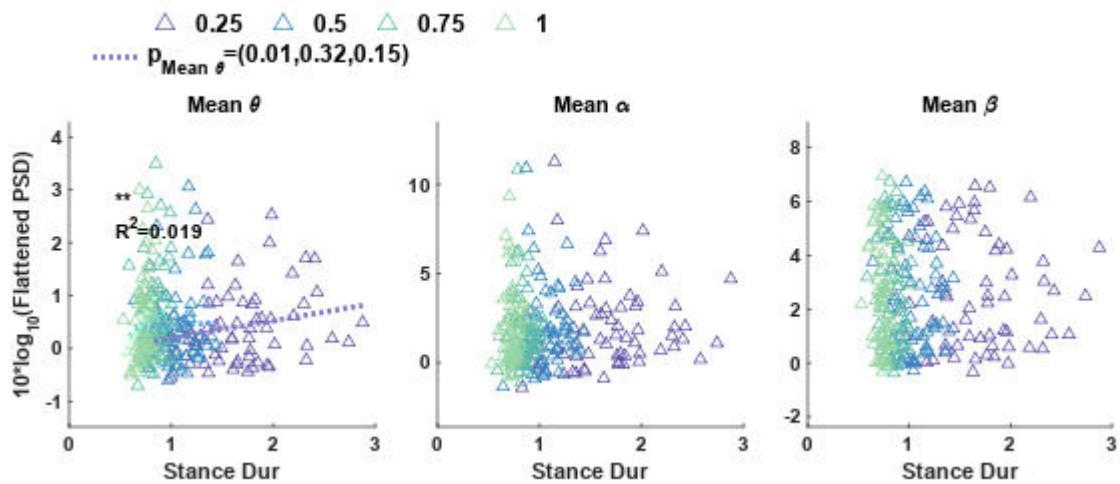
Root Mean Squared Error: 2.02

R-squared: 0.0175, Adjusted R-Squared: -0.0107

F-statistic vs. constant model: 0.621, p-value = 0.739

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	7.7176	3	2.5725	0.63339	0.59413
<code>mean_StanceDur</code>	14.97	1	14.97	3.6857	0.056045
<code>cond_char:mean_StanceDur</code>	12.145	3	4.0484	0.99677	0.395
<code>Error</code>	991.02	244	4.0615		
<code>Total</code>	1008.7	251			

## CL12: Postcentral\_R



CL12) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.21586	0.40667	-0.53081	0.59603
cond_char_0.5	0.56729	0.74605	0.76039	0.44776
cond_char_0.75	-0.44418	0.97779	-0.45427	0.65004
cond_char_1.0	-1.7556	1.2107	-1.45	0.14834
mean_GaitCycleDur	0.27632	0.17085	1.6173	0.10711
cond_char_0.5:mean_GaitCycleDur	-0.21823	0.42105	-0.5183	0.60472
cond_char_0.75:mean_GaitCycleDur	0.68015	0.68999	0.98574	0.32524
cond_char_1.0:mean_GaitCycleDur	1.9011	0.98671	1.9267	0.055176

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.771

R-squared: 0.0482, Adjusted R-Squared: 0.0209

F-statistic vs. constant model: 1.76, p-value = 0.0951

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.0355	3	0.67851	1.1407	0.33327
mean_GaitCycleDur	4.5617	1	4.5617	7.6688	0.0060499
cond_char:mean_GaitCycleDur	3.0264	3	1.0088	1.6959	0.16847
Error	145.14	244	0.59484		
Total	152.49	251			

CL12) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.4898	1.1729	1.2702	0.20524
cond_char_0.5	0.25534	2.1518	0.11866	0.90564
cond_char_0.75	2.1139	2.8202	0.74955	0.45424
cond_char_1.0	1.5028	3.4921	0.43034	0.66733
mean_GaitCycleDur	0.20829	0.49279	0.42267	0.67291

<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.17115	1.2144	-0.14093	0.88804
<code>cond_char_0.75:mean_GaitCycleDur</code>	-1.5718	1.9901	-0.78979	0.43041
<code>cond_char_1.0:mean_GaitCycleDur</code>	-1.1931	2.8459	-0.41924	0.67541

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.22

R-squared: 0.00427, Adjusted R-Squared: -0.0243

F-statistic vs. constant model: 0.15, p-value = 0.994

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.3705	3	1.1235	0.22704	0.87753
<code>mean_GaitCycleDur</code>	1.677	1	1.677	0.3389	0.561
<code>cond_char:mean_GaitCycleDur</code>	3.8296	3	1.2765	0.25796	0.85562
<code>Error</code>	1207.4	244	4.9485		
<code>Total</code>	1212.6	251			

CL12) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.2351	1.0559	3.0638	0.0024305
<code>cond_char_0.5</code>	0.6829	1.9371	0.35254	0.72474
<code>cond_char_0.75</code>	3.1449	2.5388	1.2388	0.21663
<code>cond_char_1.0</code>	4.3779	3.1436	1.3926	0.165
<code>mean_GaitCycleDur</code>	-0.26926	0.44362	-0.60696	0.54444
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.59996	1.0933	-0.54878	0.58366
<code>cond_char_0.75:mean_GaitCycleDur</code>	-2.6732	1.7915	-1.4921	0.13696
<code>cond_char_1.0:mean_GaitCycleDur</code>	-4.1966	2.562	-1.638	0.1027

Number of observations: 252, Error degrees of freedom: 244

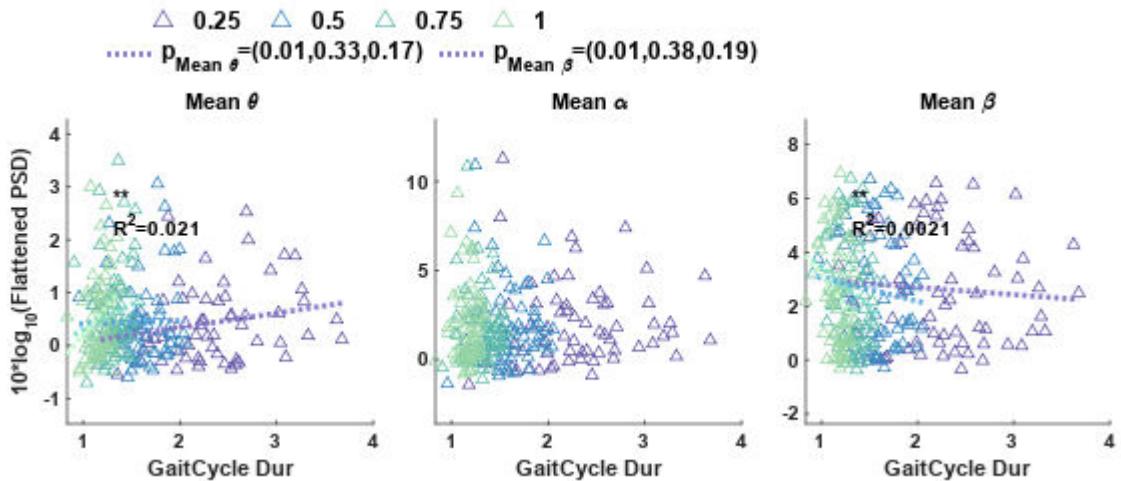
Root Mean Squared Error: 2

R-squared: 0.0299, Adjusted R-Squared: 0.00209

F-statistic vs. constant model: 1.07, p-value = 0.38

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	12.296	3	4.0987	1.0221	0.38348
<code>mean_GaitCycleDur</code>	27.701	1	27.701	6.9076	0.0091276
<code>cond_char:mean_GaitCycleDur</code>	19.236	3	6.4121	1.5989	0.19024
<code>Error</code>	978.49	244	4.0102		
<code>Total</code>	1008.7	251			

## CL12: Postcentral\_R



CL12) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.57224	0.37072	1.5436	0.12398
cond_char_0.5	-0.24444	0.63311	-0.38609	0.69976
cond_char_0.75	0.24128	0.70347	0.34299	0.7319
cond_char_1.0	0.16562	0.71864	0.23047	0.81792
mean_PeakUpDownVel_mean	-1.3221	3.1604	-0.41833	0.67608
cond_char_0.5:mean_PeakUpDownVel_mean	1.9076	4.0436	0.47175	0.63753
cond_char_0.75:mean_PeakUpDownVel_mean	0.60136	3.7582	0.16001	0.873
cond_char_1.0:mean_PeakUpDownVel_mean	0.91241	3.5083	0.26007	0.79503

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.786

R-squared: 0.012, Adjusted R-Squared: -0.0163

F-statistic vs. constant model: 0.425, p-value = 0.886

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.28404	3	0.09468	0.15335	0.92747
mean_PeakUpDownVel_mean	0.09435	1	0.09435	0.15281	0.6962
cond_char:mean_PeakUpDownVel_mean	0.16193	3	0.053978	0.087424	0.96689
Error	150.65	244	0.61742		
Total	152.49	251			

CL12) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.96134	1.0462	0.91885	0.35908
cond_char_0.5	1.5753	1.7868	0.88166	0.37883
cond_char_0.75	1.4991	1.9854	0.75505	0.45094
cond_char_1.0	-0.75207	2.0282	-0.37081	0.7111
mean_PeakUpDownVel_mean	8.9337	8.9193	1.0016	0.31752

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-12.6	11.412	-1.1041	0.27064
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	-11.209	10.607	-1.0567	0.29167
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	-4.8428	9.9013	-0.48911	0.62521

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.22

R-squared: 0.0104, Adjusted R-Squared: -0.0179

F-statistic vs. constant model: 0.368, p-value = 0.92

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	8.1114	3	2.7038	0.5498	0.64873
<code>mean_PeakUpDownVel_mean</code>	1.3583	1	1.3583	0.2762	0.59968
<code>cond_char:mean_PeakUpDownVel_mean</code>	9.9065	3	3.3022	0.67147	0.57028
<code>Error</code>	1199.9	244	4.9178		
<code>Total</code>	1212.6	251			

CL12) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.9316	0.9544	3.0717	0.0023696
<code>cond_char_0.5</code>	0.09871	1.6299	0.060561	0.95176
<code>cond_char_0.75</code>	1.5902	1.8111	0.87804	0.38078
<code>cond_char_1.0</code>	-0.25009	1.8501	-0.13517	0.89259
<code>mean_PeakUpDownVel_mean</code>	-2.8205	8.1362	-0.34666	0.72914
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	0.27634	10.41	0.026546	0.97884
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	-4.1894	9.6755	-0.43299	0.6654
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	2.0934	9.032	0.23178	0.81691

Number of observations: 252, Error degrees of freedom: 244

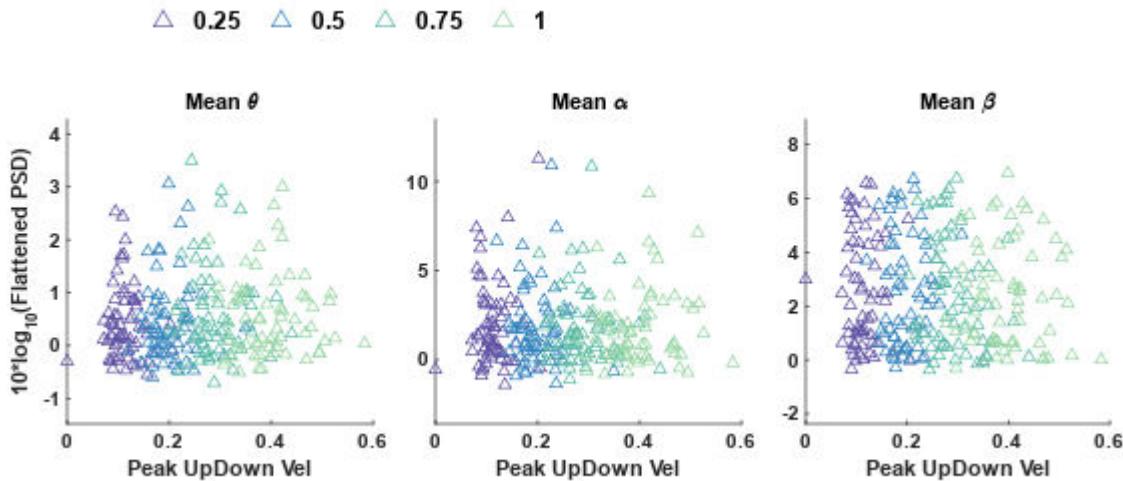
Root Mean Squared Error: 2.02

R-squared: 0.0101, Adjusted R-Squared: -0.0183

F-statistic vs. constant model: 0.355, p-value = 0.927

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.8443	3	1.2814	0.31314	0.81588
<code>mean_PeakUpDownVel_mean</code>	4.6468	1	4.6468	1.1355	0.28765
<code>cond_char:mean_PeakUpDownVel_mean</code>	3.7902	3	1.2634	0.30873	0.81907
<code>Error</code>	998.49	244	4.0922		
<code>Total</code>	1008.7	251			

## CL12: Postcentral\_R



CL13) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power

Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.043376	0.34202	0.12682	0.89917
cond_char_0.5	-0.12187	0.53727	-0.22684	0.82072
cond_char_0.75	-0.62704	0.56419	-1.1114	0.26736
cond_char_1.0	0.14765	0.4798	0.30773	0.75852
mean_APexc_COV	0.038817	0.014331	2.7086	0.007178
cond_char_0.5:mean_APexc_COV	0.0052494	0.02376	0.22093	0.82531
cond_char_0.75:mean_APexc_COV	0.037126	0.02609	1.423	0.15587
cond_char_1.0:mean_APexc_COV	-0.0040662	0.021508	-0.18906	0.85019

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 0.947

R-squared: 0.0977, Adjusted R-Squared: 0.0749

F-statistic vs. constant model: 4.27, p-value = 0.000168

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.7995	3	0.59984	0.66882	0.57182
mean_APexc_COV	25.91	1	25.91	28.89	1.6317e-07
cond_char:mean_APexc_COV	2.3383	3	0.77943	0.86907	0.45755
Error	247.53	276	0.89686		
Total	274.35	283			

CL13) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.774	0.7834	4.8174	2.4017e-06
cond_char_0.5	1.1521	1.2306	0.93618	0.35
cond_char_0.75	1.5313	1.2923	1.185	0.23705
cond_char_1.0	0.39404	1.099	0.35856	0.7202
mean_APexc_COV	-0.0021632	0.032825	-0.065903	0.9475

cond_char_0.5:mean_APexc_COV	-0.068513	0.054422	-1.2589	0.20912
cond_char_0.75:mean_APexc_COV	-0.08339	0.059759	-1.3954	0.16401
cond_char_1.0:mean_APexc_COV	-0.040074	0.049263	-0.81347	0.41665

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 2.17

R-squared: 0.0291, Adjusted R-Squared: 0.00448

F-statistic vs. constant model: 1.18, p-value = 0.313

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	8.5262	3	2.8421	0.60403	0.61288
mean_APexc_COV	27.832	1	27.832	5.9153	0.015646
cond_char:mean_APexc_COV	12.532	3	4.1774	0.88784	0.44784
Error	1298.6	276	4.7051		
Total	1337.5	283			

CL13) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.1124	0.43279	4.8809	1.7889e-06
cond_char_0.5	0.25389	0.67985	0.37345	0.7091
cond_char_0.75	0.39809	0.71392	0.55762	0.57756
cond_char_1.0	0.19642	0.60714	0.32352	0.74655
mean_APexc_COV	-0.0063431	0.018134	-0.34979	0.72677
cond_char_0.5:mean_APexc_COV	-0.011059	0.030066	-0.36784	0.71328
cond_char_0.75:mean_APexc_COV	-0.019297	0.033014	-0.5845	0.55936
cond_char_1.0:mean_APexc_COV	-0.017072	0.027216	-0.62727	0.531

Number of observations: 284, Error degrees of freedom: 276

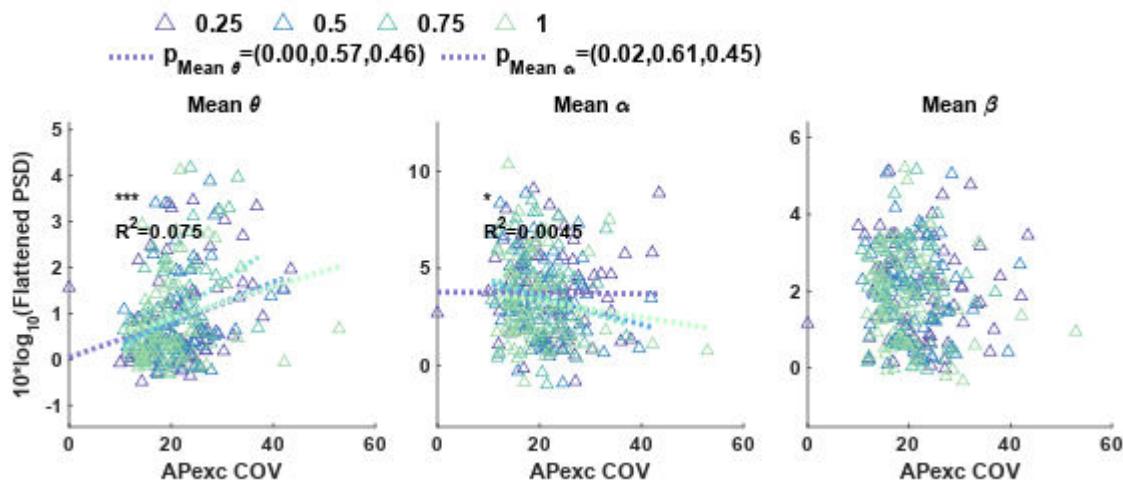
Root Mean Squared Error: 1.2

R-squared: 0.013, Adjusted R-Squared: -0.012

F-statistic vs. constant model: 0.52, p-value = 0.819

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.49049	3	0.1635	0.11385	0.95195
mean_APexc_COV	3.6646	1	3.6646	2.5518	0.11131
cond_char:mean_APexc_COV	0.77683	3	0.25894	0.18032	0.90971
Error	396.35	276	1.4361		
Total	401.58	283			

### CL13: Cuneus\_L



CL13) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.3768	0.34612	3.9777	8.8951e-05
cond_char_0.5	0.083625	0.58521	0.1429	0.88648
cond_char_0.75	0.35135	0.66248	0.53036	0.59629
cond_char_1.0	0.054273	0.6345	0.085537	0.9319
mean_APexc_mean	-7.6526	5.4389	-1.407	0.16055
cond_char_0.5:mean_APexc_mean	-5.0184	10.923	-0.45945	0.64627
cond_char_0.75:mean_APexc_mean	-11.839	14.543	-0.81405	0.41632
cond_char_1.0:mean_APexc_mean	-7.2462	15.004	-0.48296	0.62951

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 0.984

R-squared: 0.0258, Adjusted R-Squared: 0.00105

F-statistic vs. constant model: 1.04, p-value = 0.402

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.27696	3	0.092319	0.09533	0.96257
mean_APexc_mean	5.836	1	5.836	6.0263	0.014711
cond_char:mean_APexc_mean	0.8425	3	0.28083	0.28999	0.83262
Error	267.28	276	0.96842		
Total	274.35	283			

CL13) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.4538	0.76392	3.2122	0.0014735
cond_char_0.5	1.6371	1.2916	1.2675	0.20605
cond_char_0.75	1.1772	1.4621	0.80511	0.42145
cond_char_1.0	-0.9806	1.4004	-0.70023	0.48437
mean_APexc_mean	21.223	12.004	1.768	0.078168

cond_char_0.5:mean_APexc_mean	-34.735	24.107	-1.4408	0.15076
cond_char_0.75:mean_APexc_mean	-21.964	32.097	-0.68429	0.49437
cond_char_1.0:mean_APexc_mean	28.896	33.115	0.8726	0.38364

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 2.17

R-squared: 0.0266, Adjusted R-Squared: 0.0019

F-statistic vs. constant model: 1.08, p-value = 0.378

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	16.307	3	5.4357	1.1523	0.32842
mean_APexc_mean	6.354	1	6.354	1.3469	0.24682
cond_char:mean_APexc_mean	17.466	3	5.8219	1.2341	0.29761
Error	1302	276	4.7173		
Total	1337.5	283			

CL13) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.1851	0.4204	2.8189	0.0051675
cond_char_0.5	0.88032	0.7108	1.2385	0.21659
cond_char_0.75	1.1717	0.80464	1.4562	0.14648
cond_char_1.0	0.49939	0.77066	0.648	0.51752
mean_APexc_mean	13.093	6.6061	1.982	0.048469
cond_char_0.5:mean_APexc_mean	-14.446	13.267	-1.0889	0.27715
cond_char_0.75:mean_APexc_mean	-21.809	17.664	-1.2347	0.21801
cond_char_1.0:mean_APexc_mean	-8.7456	18.224	-0.4799	0.63168

Number of observations: 284, Error degrees of freedom: 276

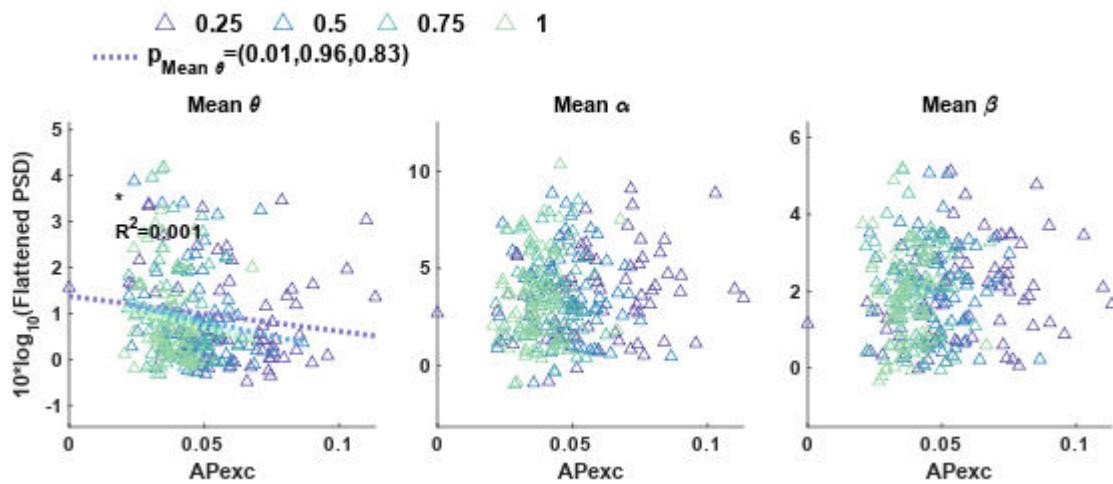
Root Mean Squared Error: 1.2

R-squared: 0.0181, Adjusted R-Squared: -0.00678

F-statistic vs. constant model: 0.728, p-value = 0.649

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.0127	3	1.3376	0.93626	0.42356
mean_APexc_mean	0.106	1	0.106	0.074193	0.78553
cond_char:mean_APexc_mean	3.3151	3	1.105	0.77349	0.50966
Error	394.31	276	1.4286		
Total	401.58	283			

### CL13: Cuneus\_L



CL13) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.5919	0.29408	2.0127	0.045119
cond_char_0.5	-0.045501	0.49347	-0.092205	0.9266
cond_char_0.75	0.5593	0.52844	1.0584	0.2908
cond_char_1.0	0.33291	0.53968	0.61687	0.53783
mean_MLexc_COV	0.027186	0.022441	1.2114	0.22677
cond_char_0.5:mean_MLexc_COV	-0.0030714	0.037603	-0.08168	0.93496
cond_char_0.75:mean_MLexc_COV	-0.042407	0.036697	-1.1556	0.24884
cond_char_1.0:mean_MLexc_COV	-0.029876	0.033797	-0.88399	0.37747

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 0.992

R-squared: 0.00966, Adjusted R-Squared: -0.0155

F-statistic vs. constant model: 0.384, p-value = 0.911

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.5121	3	0.50402	0.512	0.67433
mean_MLexc_COV	0.379	1	0.379	0.385	0.53545
cond_char:mean_MLexc_COV	1.7838	3	0.5946	0.60401	0.61289
Error	271.7	276	0.98442		
Total	274.35	283			

CL13) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_MLexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	4.1275	0.64954	6.3545	8.6057e-10
cond_char_0.5	-0.14753	1.0899	-0.13536	0.89243
cond_char_0.75	-0.0029409	1.1671	-0.0025197	0.99799
cond_char_1.0	-0.79306	1.192	-0.66533	0.5064
mean_MLexc_COV	-0.033498	0.049566	-0.67582	0.49972

<code>cond_char_0.5:mean_MLexc_COV</code>	-0.0096548	0.083052	-0.11625	0.90754
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.0024638	0.081051	-0.030398	0.97577
<code>cond_char_1.0:mean_MLexc_COV</code>	0.0334	0.074647	0.44744	0.65491

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 2.19

R-squared: 0.00906, Adjusted R-Squared: -0.0161

F-statistic vs. constant model: 0.361, p-value = 0.924

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.3408	3	0.78025	0.16248	0.92155
<code>mean_MLexc_COV</code>	4.3188	1	4.3188	0.89932	0.34379
<code>cond_char:mean_MLexc_COV</code>	1.5739	3	0.52463	0.10925	0.95465
<code>Error</code>	1325.4	276	4.8023		
<code>Total</code>	1337.5	283			

CL13) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.4622	0.35225	6.9899	2.0687e-11
<code>cond_char_0.5</code>	0.18843	0.59107	0.31879	0.75013
<code>cond_char_0.75</code>	0.28856	0.63295	0.4559	0.64882
<code>cond_char_1.0</code>	-0.10904	0.64642	-0.16868	0.86617
<code>mean_MLexc_COV</code>	-0.041034	0.02688	-1.5265	0.12802
<code>cond_char_0.5:mean_MLexc_COV</code>	-0.010838	0.04504	-0.24062	0.81003
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.010527	0.043955	-0.23949	0.8109
<code>cond_char_1.0:mean_MLexc_COV</code>	0.011688	0.040482	0.28873	0.77301

Number of observations: 284, Error degrees of freedom: 276

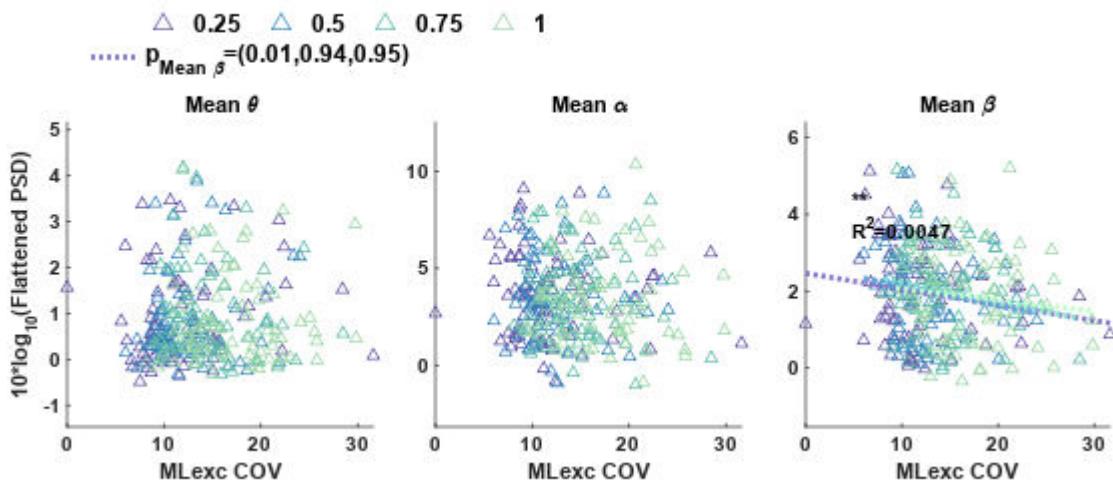
Root Mean Squared Error: 1.19

R-squared: 0.0293, Adjusted R-Squared: 0.00472

F-statistic vs. constant model: 1.19, p-value = 0.308

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.54029	3	0.1801	0.12752	0.94374
<code>mean_MLexc_COV</code>	10.27	1	10.27	7.272	0.0074344
<code>cond_char:mean_MLexc_COV</code>	0.46073	3	0.15358	0.10874	0.95495
<code>Error</code>	389.8	276	1.4123		
<code>Total</code>	401.58	283			

### CL13: Cuneus\_L



CL13) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.79842	0.40968	1.9489	0.052323
cond_char_0.5	-0.36405	0.59745	-0.60934	0.5428
cond_char_0.75	-0.79088	0.6246	-1.2662	0.2065
cond_char_1.0	-0.37822	0.65542	-0.57706	0.56437
mean_MLexc_mean	1.0082	3.3007	0.30546	0.76025
cond_char_0.5:mean_MLexc_mean	3.422	5.5624	0.61521	0.53893
cond_char_0.75:mean_MLexc_mean	12.114	7.2909	1.6616	0.097737
cond_char_1.0:mean_MLexc_mean	7.2262	9.5418	0.75732	0.4495

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 0.986

R-squared: 0.0223, Adjusted R-Squared: -0.0025

F-statistic vs. constant model: 0.899, p-value = 0.507

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.5628	3	0.52093	0.53602	0.65797
mean_MLexc_mean	4.5502	1	4.5502	4.682	0.031339
cond_char:mean_MLexc_mean	2.9372	3	0.97907	1.0074	0.38989
Error	268.23	276	0.97185		
Total	274.35	283			

CL13) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.1096	0.91097	3.4135	0.00073761
cond_char_0.5	0.071226	1.3285	0.053614	0.95728
cond_char_0.75	0.10675	1.3889	0.076859	0.93879
cond_char_1.0	-0.38521	1.4574	-0.26431	0.79174
mean_MLexc_mean	5.1754	7.3395	0.70515	0.48131

<code>cond_char_0.5:mean_MLexc_mean</code>	-2.418	12.369	-0.19549	0.84515
<code>cond_char_0.75:mean_MLexc_mean</code>	0.29493	16.212	0.018192	0.9855
<code>cond_char_1.0:mean_MLexc_mean</code>	5.7595	21.217	0.27146	0.78624

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 2.19

R-squared: 0.00845, Adjusted R-Squared: -0.0167

F-statistic vs. constant model: 0.336, p-value = 0.937

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.60807	3	0.20269	0.042181	0.98845
<code>mean_MLexc_mean</code>	3.7539	1	3.7539	0.7812	0.37754
<code>cond_char:mean_MLexc_mean</code>	0.67813	3	0.22604	0.047041	0.98645
<code>Error</code>	1326.2	276	4.8052		
<code>Total</code>	1337.5	283			

CL13) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.5155	0.49961	3.0334	0.0026483
<code>cond_char_0.5</code>	0.35049	0.7286	0.48105	0.63086
<code>cond_char_0.75</code>	0.64215	0.76171	0.84303	0.39994
<code>cond_char_1.0</code>	0.35687	0.7993	0.44648	0.6556
<code>mean_MLexc_mean</code>	3.8158	4.0253	0.94797	0.34397
<code>cond_char_0.5:mean_MLexc_mean</code>	-2.3826	6.7834	-0.35124	0.72567
<code>cond_char_0.75:mean_MLexc_mean</code>	-6.0653	8.8914	-0.68216	0.49571
<code>cond_char_1.0:mean_MLexc_mean</code>	-4.2947	11.636	-0.36908	0.71235

Number of observations: 284, Error degrees of freedom: 276

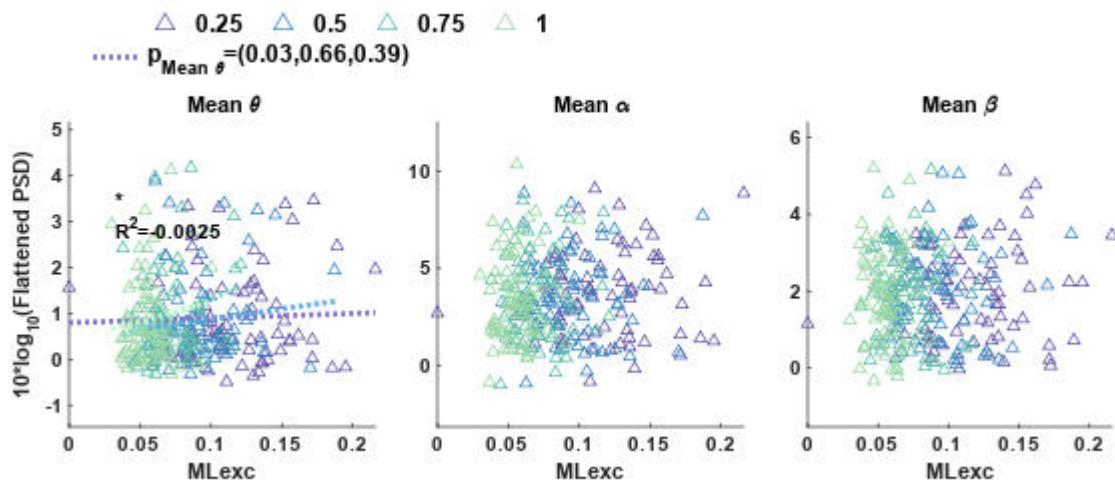
Root Mean Squared Error: 1.2

R-squared: 0.00664, Adjusted R-Squared: -0.0186

F-statistic vs. constant model: 0.263, p-value = 0.967

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.0553	3	0.35176	0.24337	0.86601
<code>mean_MLexc_mean</code>	0.040265	1	0.040265	0.027858	0.86756
<code>cond_char:mean_MLexc_mean</code>	0.79921	3	0.2664	0.18432	0.90701
<code>Error</code>	398.92	276	1.4454		
<code>Total</code>	401.58	283			

### CL13: Cuneus\_L



CL13) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_StepDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.543	0.49355	5.1526	4.8997e-07
cond_char_0.5	0.07025	0.9169	0.076617	0.93898
cond_char_0.75	0.9787	1.192	0.82102	0.41234
cond_char_1.0	1.0839	1.3592	0.79742	0.42589
mean_StepDur	-1.4416	0.42634	-3.3814	0.00082549
cond_char_0.5:mean_StepDur	-0.79198	1.0574	-0.74895	0.45452
cond_char_0.75:mean_StepDur	-2.5205	1.7037	-1.4794	0.14016
cond_char_1.0:mean_StepDur	-3.3471	2.2387	-1.4952	0.13602

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 0.951

R-squared: 0.0909, Adjusted R-Squared: 0.0679

F-statistic vs. constant model: 3.94, p-value = 0.000402

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.0756	3	0.35854	0.39677	0.75543
mean_StepDur	16.096	1	16.096	17.812	3.3122e-05
cond_char:mean_StepDur	4.0427	3	1.3476	1.4913	0.21717
Error	249.4	276	0.90364		
Total	274.35	283			

CL13) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_StepDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.5166	1.1132	1.3624	0.17419
cond_char_0.5	0.3888	2.0681	0.188	0.85101
cond_char_0.75	-0.94872	2.6887	-0.35286	0.72446
cond_char_1.0	-5.7467	3.0657	-1.8745	0.061921
mean_StepDur	1.9597	0.96161	2.038	0.042506

<code>cond_char_0.5:mean_StepDur</code>	-0.018701	2.3851	-0.0078409	0.99375
<code>cond_char_0.75:mean_StepDur</code>	2.6756	3.8426	0.6963	0.48683
<code>cond_char_1.0:mean_StepDur</code>	11.216	5.0493	2.2214	0.027138

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 2.14

R-squared: 0.0514, Adjusted R-Squared: 0.0273

F-statistic vs. constant model: 2.14, p-value = 0.0401

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	17.785	3	5.9283	1.2896	0.27826
<code>mean_StepDur</code>	49.142	1	49.142	10.69	0.001214
<code>cond_char:mean_StepDur</code>	24.55	3	8.1834	1.7801	0.15117
<code>Error</code>	1268.8	276	4.5971		
<code>Total</code>	1337.5	283			

CL13) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.55599	0.61688	0.90129	0.36822
<code>cond_char_0.5</code>	0.71674	1.146	0.62542	0.53221
<code>cond_char_0.75</code>	1.3687	1.4899	0.91863	0.35909
<code>cond_char_1.0</code>	-0.66634	1.6989	-0.39222	0.6952
<code>mean_StepDur</code>	1.2542	0.53287	2.3536	0.019294
<code>cond_char_0.5:mean_StepDur</code>	-0.33342	1.3217	-0.25227	0.80102
<code>cond_char_0.75:mean_StepDur</code>	-1.1396	2.1294	-0.53517	0.59296
<code>cond_char_1.0:mean_StepDur</code>	2.1538	2.7981	0.76976	0.4421

Number of observations: 284, Error degrees of freedom: 276

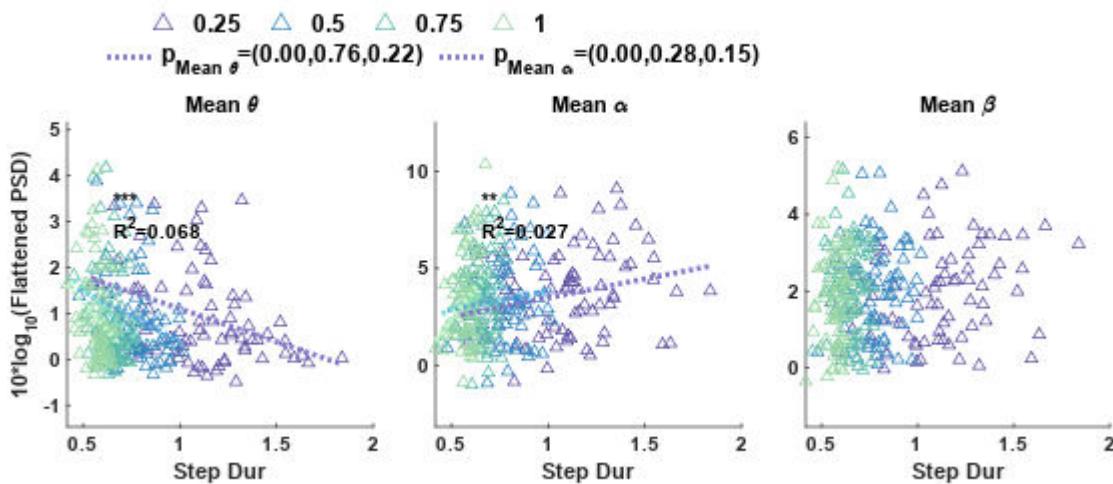
Root Mean Squared Error: 1.19

R-squared: 0.0298, Adjusted R-Squared: 0.00518

F-statistic vs. constant model: 1.21, p-value = 0.297

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.9928	3	0.66428	0.47056	0.70304
<code>mean_StepDur</code>	3.3838	1	3.3838	2.3971	0.12271
<code>cond_char:mean_StepDur</code>	1.3928	3	0.46428	0.32889	0.80447
<code>Error</code>	389.62	276	1.4117		
<code>Total</code>	401.58	283			

### CL13: Cuneus\_L



CL13) Variable: mean\_UDexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.67638	0.46916	1.4417	0.15052
cond_char_0.5	-0.32185	0.77645	-0.41451	0.67882
cond_char_0.75	-0.053577	0.67999	-0.078791	0.93726
cond_char_1.0	-0.20649	0.64518	-0.32004	0.74918
mean_UDexc_COV	0.012044	0.022604	0.53281	0.59459
cond_char_0.5:mean_UDexc_COV	0.022251	0.047821	0.4653	0.64209
cond_char_0.75:mean_UDexc_COV	0.016702	0.050179	0.33285	0.7395
cond_char_1.0:mean_UDexc_COV	0.036151	0.055221	0.65467	0.51323

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 0.992

R-squared: 0.00923, Adjusted R-Squared: -0.0159

F-statistic vs. constant model: 0.367, p-value = 0.921

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.22342	3	0.074472	0.075618	0.97309
mean_UDexc_COV	2.1907	1	2.1907	2.2244	0.13699
cond_char:mean_UDexc_COV	0.56308	3	0.18769	0.19058	0.90277
Error	271.82	276	0.98484		
Total	274.35	283			

CL13) Variable: mean\_UDexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	4.7131	1.0206	4.618	5.9483e-06
cond_char_0.5	-0.086674	1.6891	-0.051314	0.95911
cond_char_0.75	-0.21259	1.4792	-0.14372	0.88583
cond_char_1.0	1.0865	1.4035	0.77411	0.43953
mean_UDexc_COV	-0.049174	0.049173	-1	0.31818

<b>cond_char_0.5:mean_UDexc_COV</b>	-0.033235	0.10403	-0.31947	0.74961
<b>cond_char_0.75:mean_UDexc_COV</b>	-0.035183	0.10916	-0.32231	0.74746
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.24195	0.12013	-2.0141	0.04497

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 2.16

R-squared: 0.0383, Adjusted R-Squared: 0.0139

F-statistic vs. constant model: 1.57, p-value = 0.144

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	4.9474	3	1.6491	0.35384	0.7864
<b>mean_UDexc_COV</b>	37.062	1	37.062	7.952	0.0051515
<b>cond_char:mean_UDexc_COV</b>	18.937	3	6.3122	1.3544	0.2571
<b>Error</b>	1286.3	276	4.6607		
<b>Total</b>	1337.5	283			

CL13) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
<b>(Intercept)</b>	2.6078	0.55296	4.7162	3.8202e-06
<b>cond_char_0.5</b>	0.53314	0.91513	0.58258	0.56065
<b>cond_char_0.75</b>	0.30846	0.80144	0.38489	0.70062
<b>cond_char_1.0</b>	0.83639	0.76041	1.0999	0.27233
<b>mean_UDexc_COV</b>	-0.031776	0.026642	-1.1927	0.234
<b>cond_char_0.5:mean_UDexc_COV</b>	-0.047383	0.056362	-0.84068	0.40125
<b>cond_char_0.75:mean_UDexc_COV</b>	-0.054151	0.059142	-0.91562	0.36066
<b>cond_char_1.0:mean_UDexc_COV</b>	-0.15686	0.065084	-2.4101	0.016602

Number of observations: 284, Error degrees of freedom: 276

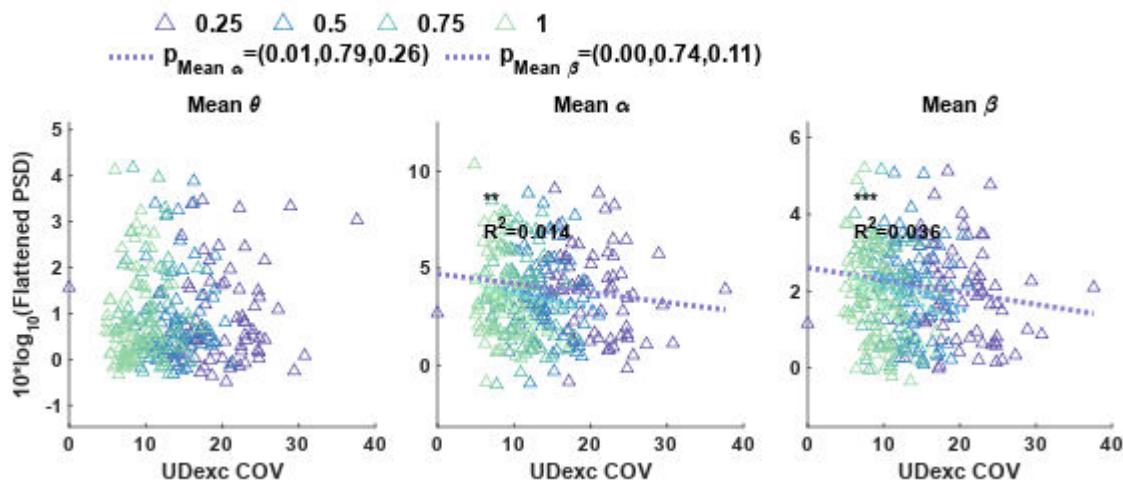
Root Mean Squared Error: 1.17

R-squared: 0.0598, Adjusted R-Squared: 0.0359

F-statistic vs. constant model: 2.51, p-value = 0.0164

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	1.7432	3	0.58105	0.42473	0.73542
<b>mean_UDexc_COV</b>	21.421	1	21.421	15.658	9.6567e-05
<b>cond_char:mean_UDexc_COV</b>	8.3829	3	2.7943	2.0425	0.10818
<b>Error</b>	377.59	276	1.3681		
<b>Total</b>	401.58	283			

### CL13: Cuneus\_L



CL13) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.71002	0.36229	1.9598	0.051022
cond_char_0.5	-0.31268	0.60857	-0.51379	0.60781
cond_char_0.75	-0.26234	0.6711	-0.39091	0.69617
cond_char_1.0	-0.96831	0.70657	-1.3704	0.17166
mean_UDexc_mean	14.31	23.55	0.60765	0.54392
cond_char_0.5:mean_UDexc_mean	8.6394	33.72	0.25621	0.79798
cond_char_0.75:mean_UDexc_mean	3.705	31.331	0.11826	0.90595
cond_char_1.0:mean_UDexc_mean	18.426	29.129	0.63257	0.52754

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 0.986

R-squared: 0.0212, Adjusted R-Squared: -0.00361

F-statistic vs. constant model: 0.855, p-value = 0.543

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.8372	3	0.61241	0.62945	0.59655
mean_UDexc_mean	4.0561	1	4.0561	4.169	0.042121
cond_char:mean_UDexc_mean	0.49949	3	0.1665	0.17113	0.91584
Error	268.53	276	0.97293		
Total	274.35	283			

CL13) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_UDexc\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	4.0391	0.8031	5.0294	8.8719e-07
cond_char_0.5	0.05731	1.3491	0.042482	0.96615
cond_char_0.75	0.25861	1.4877	0.17383	0.86212
cond_char_1.0	-2.3433	1.5663	-1.4961	0.13577
mean_UDexc_mean	-21.561	52.204	-0.41302	0.67991

<b>cond_char_0.5:mean_UDexc_mean</b>	-11.869	74.748	-0.15879	0.87395
<b>cond_char_0.75:mean_UDexc_mean</b>	-4.5033	69.452	-0.064841	0.94835
<b>cond_char_1.0:mean_UDexc_mean</b>	68.707	64.571	1.0641	0.28823

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 2.19

R-squared: 0.0135, Adjusted R-Squared: -0.0116

F-statistic vs. constant model: 0.538, p-value = 0.806

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	13.177	3	4.3922	0.91868	0.43225
<b>mean_UDexc_mean</b>	0.60215	1	0.60215	0.12595	0.72294
<b>cond_char:mean_UDexc_mean</b>	11.588	3	3.8625	0.80789	0.4904
<b>Error</b>	1319.6	276	4.781		
<b>Total</b>	1337.5	283			

CL13) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	<b>Estimate</b>	<b>SE</b>	<b>tStat</b>	<b>pValue</b>
(Intercept)	2.7833	0.43228	6.4387	5.3245e-10
cond_char_0.5	0.35768	0.72616	0.49257	0.62271
cond_char_0.75	0.53862	0.80077	0.67264	0.50174
cond_char_1.0	-0.2119	0.84309	-0.25134	0.80174
mean_UDexc_mean	-55.905	28.1	-1.9895	0.04763
cond_char_0.5:mean_UDexc_mean	-2.0907	40.235	-0.051963	0.9586
cond_char_0.75:mean_UDexc_mean	6.461	37.384	0.17283	0.86291
cond_char_1.0:mean_UDexc_mean	35.004	34.757	1.0071	0.31476

Number of observations: 284, Error degrees of freedom: 276

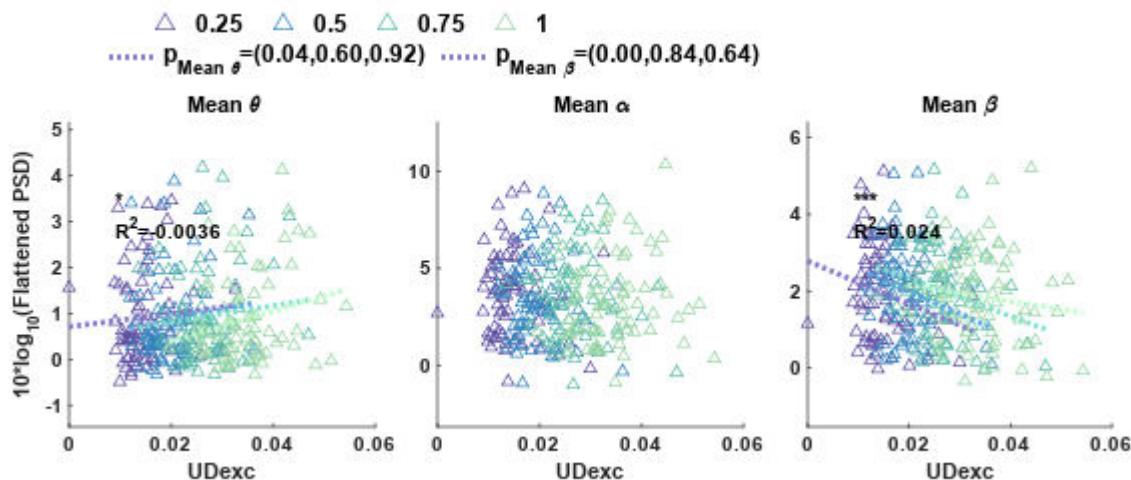
Root Mean Squared Error: 1.18

R-squared: 0.048, Adjusted R-Squared: 0.0238

F-statistic vs. constant model: 1.99, p-value = 0.057

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	1.1489	3	0.38297	0.27647	0.84236
<b>mean_UDexc_mean</b>	17.776	1	17.776	12.833	0.00040245
<b>cond_char:mean_UDexc_mean</b>	2.3662	3	0.78873	0.56939	0.6356
<b>Error</b>	382.32	276	1.3852		
<b>Total</b>	401.58	283			

### CL13: Cuneus\_L



CL13) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.3365	0.47678	4.9006	1.6314e-06
cond_char_0.5	0.1641	0.8998	0.18237	0.85543
cond_char_0.75	0.76727	1.2089	0.63469	0.52616
cond_char_1.0	0.90296	1.4103	0.64026	0.52253
mean_StanceDur	-0.85796	0.28008	-3.0632	0.0024059
cond_char_0.5:mean_StanceDur	-0.70778	0.76812	-0.92145	0.35762
cond_char_0.75:mean_StanceDur	-1.7388	1.3491	-1.2888	0.19854
cond_char_1.0:mean_StanceDur	-2.4305	1.8628	-1.3047	0.19307

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 0.96

R-squared: 0.0724, Adjusted R-Squared: 0.0489

F-statistic vs. constant model: 3.08, p-value = 0.00386

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.66249	3	0.22083	0.23951	0.86875
mean_StanceDur	11.122	1	11.122	12.062	0.00059712
cond_char:mean_StanceDur	3.5408	3	1.1803	1.2801	0.28149
Error	254.48	276	0.92201		
Total	274.35	283			

CL13) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.5179	1.0603	1.4316	0.15339
cond_char_0.5	0.51837	2.001	0.25905	0.79579
cond_char_0.75	-1.3641	2.6884	-0.5074	0.61228
cond_char_1.0	-6.8437	3.1363	-2.1821	0.029945
mean_StanceDur	1.3354	0.62286	2.1439	0.032914

<code>cond_char_0.5:mean_StanceDur</code>	-0.0059625	1.7082	-0.0034906	0.99722
<code>cond_char_0.75:mean_StanceDur</code>	2.7811	3.0002	0.92696	0.35476
<code>cond_char_1.0:mean_StanceDur</code>	10.723	4.1427	2.5885	0.010149

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 2.14

R-squared: 0.0591, Adjusted R-Squared: 0.0352

F-statistic vs. constant model: 2.48, p-value = 0.0176

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	24.261	3	8.087	1.7736	0.15244
<code>mean_StanceDur</code>	57.18	1	57.18	12.54	0.00046742
<code>cond_char:mean_StanceDur</code>	34.02	3	11.34	2.4869	0.060857
<code>Error</code>	1258.5	276	4.5598		
<code>Total</code>	1337.5	283			

CL13) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StanceDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.55847	0.58974	0.94697	0.34448
<code>cond_char_0.5</code>	0.6939	1.113	0.62346	0.5335
<code>cond_char_0.75</code>	1.4325	1.4953	0.95797	0.33891
<code>cond_char_1.0</code>	-0.46958	1.7444	-0.26919	0.78799
<code>mean_StanceDur</code>	0.8536	0.34644	2.4639	0.014352
<code>cond_char_0.5:mean_StanceDur</code>	-0.14483	0.9501	-0.15243	0.87896
<code>cond_char_0.75:mean_StanceDur</code>	-0.8432	1.6687	-0.50529	0.61376
<code>cond_char_1.0:mean_StanceDur</code>	1.5932	2.3042	0.69144	0.48987

Number of observations: 284, Error degrees of freedom: 276

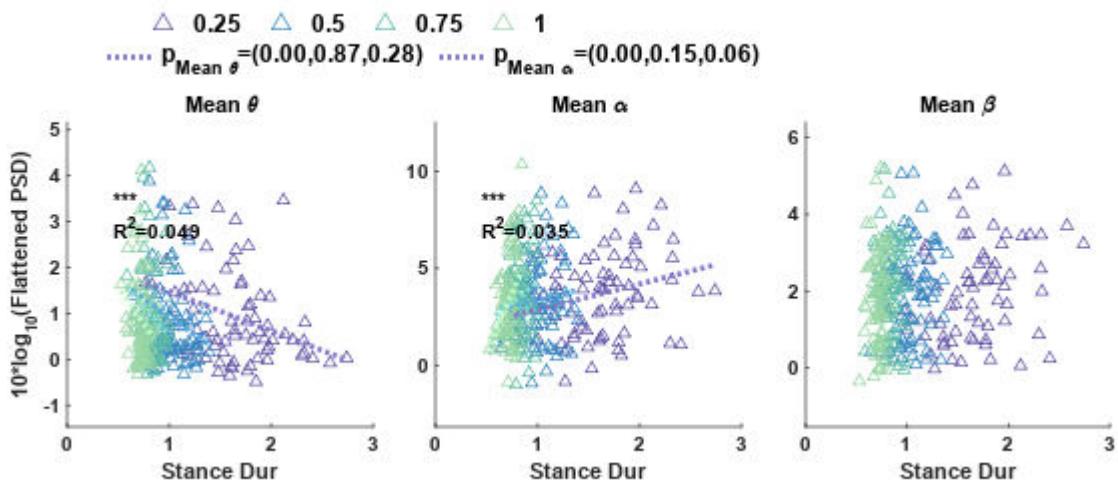
Root Mean Squared Error: 1.19

R-squared: 0.0305, Adjusted R-Squared: 0.0059

F-statistic vs. constant model: 1.24, p-value = 0.281

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.8756	3	0.62519	0.44319	0.72231
<code>mean_StanceDur</code>	2.6028	1	2.6028	1.8451	0.17546
<code>cond_char:mean_StanceDur</code>	1.099	3	0.36632	0.25968	0.8544
<code>Error</code>	389.34	276	1.4106		
<code>Total</code>	401.58	283			

### CL13: Cuneus\_L



CL13) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

`theta_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.5421	0.49324	5.1539	4.8683e-07
cond_char_0.5	0.061667	0.91546	0.067362	0.94634
cond_char_0.75	0.99337	1.1942	0.8318	0.40624
cond_char_1.0	1.0943	1.3557	0.8072	0.42025
mean_GaitCycleDur	-0.71973	0.21283	-3.3816	0.00082475
cond_char_0.5:mean_GaitCycleDur	-0.39066	0.52755	-0.74052	0.45961
cond_char_0.75:mean_GaitCycleDur	-1.2718	0.85364	-1.4898	0.13741
cond_char_1.0:mean_GaitCycleDur	-1.6824	1.1159	-1.5077	0.13278

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 0.951

R-squared: 0.0911, Adjusted R-Squared: 0.0681

F-statistic vs. constant model: 3.95, p-value = 0.000393

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1076	3	0.3692	0.40865	0.74691
mean_GaitCycleDur	16.19	1	16.19	17.919	3.1411e-05
cond_char:mean_GaitCycleDur	4.0921	3	1.364	1.5098	0.21223
Error	249.36	276	0.90346		
Total	274.35	283			

CL13) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

`alpha_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.5495	1.1127	1.3925	0.16488
cond_char_0.5	0.35461	2.0652	0.17171	0.86379
cond_char_0.75	-1.0122	2.6941	-0.37572	0.70742
cond_char_1.0	-5.7851	3.0583	-1.8916	0.059596
mean_GaitCycleDur	0.96439	0.48013	2.0086	0.045554

<code>cond_char_0.5:mean_GaitCycleDur</code>	0.0066198	1.1901	0.0055624	0.99557
<code>cond_char_0.75:mean_GaitCycleDur</code>	1.3766	1.9257	0.71488	0.47529
<code>cond_char_1.0:mean_GaitCycleDur</code>	5.627	2.5173	2.2353	0.026198

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 2.14

R-squared: 0.0513, Adjusted R-Squared: 0.0272

F-statistic vs. constant model: 2.13, p-value = 0.0407

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	18.055	3	6.0183	1.309	0.27177
<code>mean_GaitCycleDur</code>	49.364	1	49.364	10.737	0.0011847
<code>cond_char:mean_GaitCycleDur</code>	24.917	3	8.3057	1.8065	0.14621
<code>Error</code>	1269	276	4.5978		
<code>Total</code>	1337.5	283			

CL13) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.57146	0.61667	0.92669	0.35489
<code>cond_char_0.5</code>	0.69859	1.1445	0.61037	0.54212
<code>cond_char_0.75</code>	1.339	1.4931	0.89682	0.3706
<code>cond_char_1.0</code>	-0.67837	1.695	-0.40022	0.6893
<code>mean_GaitCycleDur</code>	0.61965	0.26609	2.3287	0.020598
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.15774	0.65957	-0.23915	0.81117
<code>cond_char_0.75:mean_GaitCycleDur</code>	-0.55152	1.0673	-0.51676	0.60573
<code>cond_char_1.0:mean_GaitCycleDur</code>	1.081	1.3951	0.77481	0.43911

Number of observations: 284, Error degrees of freedom: 276

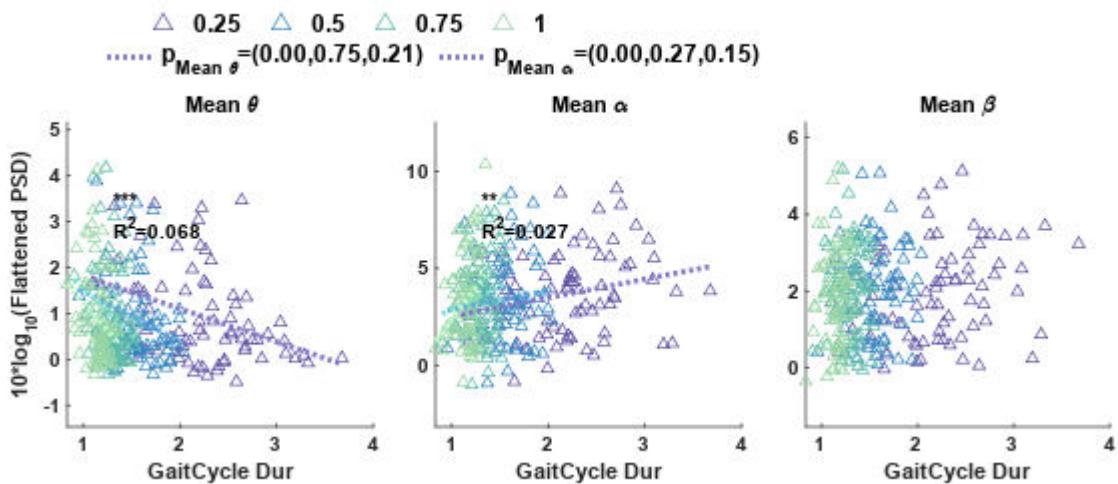
Root Mean Squared Error: 1.19

R-squared: 0.0294, Adjusted R-Squared: 0.00481

F-statistic vs. constant model: 1.2, p-value = 0.305

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.9313	3	0.64377	0.45587	0.71336
<code>mean_GaitCycleDur</code>	3.3956	1	3.3956	2.4045	0.12214
<code>cond_char:mean_GaitCycleDur</code>	1.3677	3	0.45589	0.32282	0.80887
<code>Error</code>	389.77	276	1.4122		
<code>Total</code>	401.58	283			

### CL13: Cuneus\_L



CL13) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_PeakUpDownVel\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.6965	0.39376	1.7688	0.078025
cond_char_0.5	-0.54014	0.67694	-0.79791	0.42561
cond_char_0.75	-0.46252	0.74816	-0.61821	0.53695
cond_char_1.0	-1.2779	0.78851	-1.6206	0.10624
mean_PeakUpDownVel_mean	1.9576	3.3188	0.58985	0.55577
cond_char_0.5:mean_PeakUpDownVel_mean	1.5873	4.3133	0.368	0.71316
cond_char_0.75:mean_PeakUpDownVel_mean	0.4726	3.9737	0.11893	0.90541
cond_char_1.0:mean_PeakUpDownVel_mean	1.7252	3.7281	0.46275	0.64391

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 0.982

R-squared: 0.029, Adjusted R-Squared: 0.00439

F-statistic vs. constant model: 1.18, p-value = 0.315

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.6612	3	0.88707	0.91908	0.43205
mean_PeakUpDownVel_mean	4.9582	1	4.9582	5.1371	0.024194
cond_char:mean_PeakUpDownVel_mean	0.34351	3	0.1145	0.11864	0.94911
Error	266.39	276	0.96518		
Total	274.35	283			

CL13) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_PeakUpDownVel\_mean}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	5.1149	0.87125	5.8708	1.2419e-08
cond_char_0.5	-0.0864	1.4978	-0.057684	0.95404
cond_char_0.75	-0.066922	1.6554	-0.040426	0.96778
cond_char_1.0	-2.1059	1.7447	-1.2071	0.22844
mean_PeakUpDownVel_mean	-12.263	7.3433	-1.67	0.096055

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	4.1245	9.5437	0.43217	0.66596
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	7.2057	8.7922	0.81955	0.41318
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	13.08	8.2489	1.5856	0.11396

Number of observations: 284, Error degrees of freedom: 276

Root Mean Squared Error: 2.17

R-squared: 0.025, Adjusted R-Squared: 0.000242

F-statistic vs. constant model: 1.01, p-value = 0.424

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	7.5511	3	2.517	0.53268	0.66022
<code>mean_PeakUpDownVel_mean</code>	22.316	1	22.316	4.7228	0.030615
<code>cond_char:mean_PeakUpDownVel_mean</code>	16.122	3	5.374	1.1373	0.33435
<code>Error</code>	1304.1	276	4.7252		
<code>Total</code>	1337.5	283			

CL13) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.1215	0.46973	6.6454	1.6092e-10
<code>cond_char_0.5</code>	0.30904	0.80754	0.38269	0.70224
<code>cond_char_0.75</code>	0.18341	0.8925	0.2055	0.83733
<code>cond_char_1.0</code>	-0.50602	0.94063	-0.53796	0.59104
<code>mean_PeakUpDownVel_mean</code>	-10.166	3.9591	-2.5678	0.01076
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	2.8431	5.1455	0.55255	0.58102
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	5.6053	4.7403	1.1825	0.23804
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	8.2243	4.4474	1.8492	0.065494

Number of observations: 284, Error degrees of freedom: 276

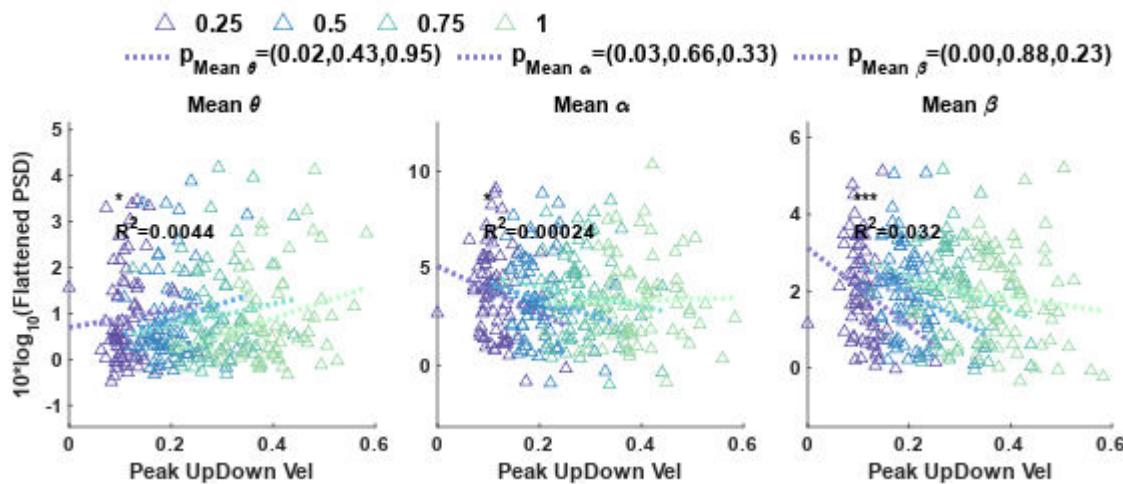
Root Mean Squared Error: 1.17

R-squared: 0.056, Adjusted R-Squared: 0.0321

F-statistic vs. constant model: 2.34, p-value = 0.0247

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.90368	3	0.30123	0.21931	0.88296
<code>mean_PeakUpDownVel_mean</code>	21.155	1	21.155	15.402	0.00010979
<code>cond_char:mean_PeakUpDownVel_mean</code>	6.017	3	2.0057	1.4602	0.22567
<code>Error</code>	379.09	276	1.3735		
<code>Total</code>	401.58	283			

### CL13: Cuneus\_L



CL14) Variable: mean\_APexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.0016	0.33308	3.0071	0.0029334
cond_char_0.5	0.96865	0.52875	1.832	0.068259
cond_char_0.75	1.1957	0.54056	2.2119	0.027966
cond_char_1.0	0.64911	0.48349	1.3426	0.18075
mean_APexc_COV	-0.016503	0.013957	-1.1824	0.23826
cond_char_0.5:mean_APexc_COV	-0.041999	0.02374	-1.7692	0.078204
cond_char_0.75:mean_APexc_COV	-0.048037	0.025014	-1.9204	0.056056
cond_char_1.0:mean_APexc_COV	-0.019373	0.021985	-0.88121	0.37913

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.889

R-squared: 0.115, Adjusted R-Squared: 0.0882

F-statistic vs. constant model: 4.25, p-value = 0.000199

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.7607	3	1.5869	2.0068	0.11381
mean_APexc_COV	18.966	1	18.966	23.985	1.8396e-06
cond_char:mean_APexc_COV	4.0822	3	1.3607	1.7208	0.1635
Error	180.29	228	0.79075		
Total	203.79	235			

CL14) Variable: mean\_APexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_APexc\_COV}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.8093	0.59334	3.0493	0.0025648
cond_char_0.5	-0.53334	0.94189	-0.56625	0.57178
cond_char_0.75	-1.1763	0.96294	-1.2216	0.22313
cond_char_1.0	-1.2231	0.86127	-1.4201	0.15693
mean_APexc_COV	-0.01787	0.024862	-0.71877	0.47302

<code>cond_char_0.5:mean_APexc_COV</code>	0.020916	0.042289	0.49459	0.62136
<code>cond_char_0.75:mean_APexc_COV</code>	0.053384	0.044559	1.198	0.23215
<code>cond_char_1.0:mean_APexc_COV</code>	0.058002	0.039162	1.4811	0.13997

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.58

R-squared: 0.0142, Adjusted R-Squared: -0.016

F-statistic vs. constant model: 0.47, p-value = 0.856

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	6.3697	3	2.1232	0.84616	0.4699
<code>mean_APexc_COV</code>	2.2799	1	2.2799	0.90859	0.3415
<code>cond_char:mean_APexc_COV</code>	6.9395	3	2.3132	0.92185	0.43097
<code>Error</code>	572.11	228	2.5093		
<code>Total</code>	580.37	235			

CL14) Variable: mean\_APexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_APexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.82769	0.44021	1.8802	0.06135
<code>cond_char_0.5</code>	-0.14655	0.6988	-0.20971	0.83408
<code>cond_char_0.75</code>	-0.51086	0.71441	-0.71508	0.47529
<code>cond_char_1.0</code>	-0.23633	0.63898	-0.36986	0.71183
<code>mean_APexc_COV</code>	0.014732	0.018446	0.79869	0.4253
<code>cond_char_0.5:mean_APexc_COV</code>	0.0065566	0.031375	0.20898	0.83465
<code>cond_char_0.75:mean_APexc_COV</code>	0.022188	0.033059	0.67115	0.50281
<code>cond_char_1.0:mean_APexc_COV</code>	0.0064669	0.029055	0.22257	0.82407

Number of observations: 236, Error degrees of freedom: 228

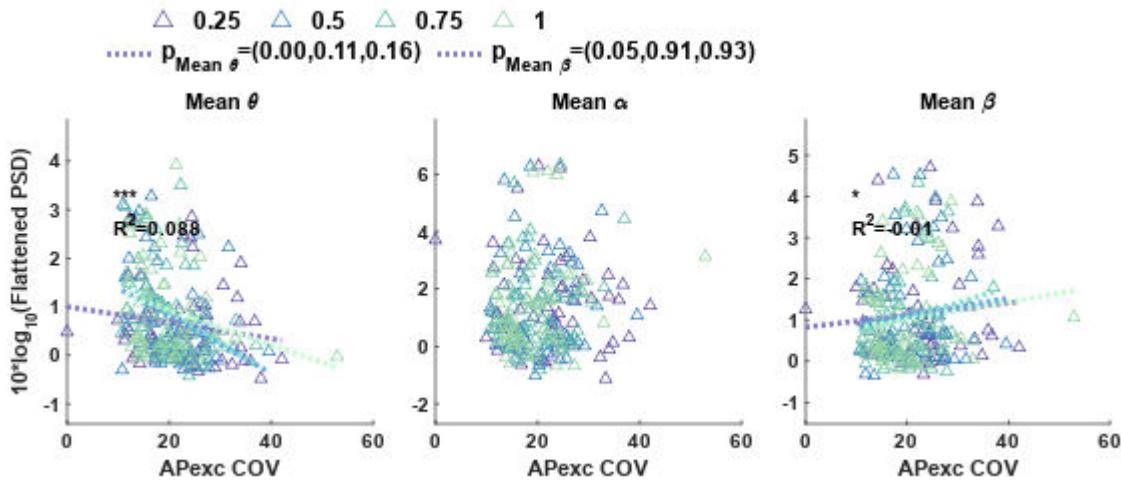
Root Mean Squared Error: 1.18

R-squared: 0.02, Adjusted R-Squared: -0.0101

F-statistic vs. constant model: 0.665, p-value = 0.701

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.72824	3	0.24275	0.17575	0.91274
<code>mean_APexc_COV</code>	5.4621	1	5.4621	3.9547	0.047937
<code>cond_char:mean_APexc_COV</code>	0.62257	3	0.20752	0.15025	0.92945
<code>Error</code>	314.91	228	1.3812		
<code>Total</code>	321.34	235			

### CL14: Frontal\_Inf\_Oper\_L



CL14) Variable: mean\_APexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.067927	0.35649	0.19054	0.84905
cond_char_0.5	-0.06397	0.56263	-0.1137	0.90958
cond_char_0.75	0.13	0.66519	0.19543	0.84523
cond_char_1.0	0.36638	0.65081	0.56296	0.57402
mean_APexc_mean	9.7505	5.8019	1.6806	0.094219
cond_char_0.5:mean_APexc_mean	6.0145	10.385	0.57916	0.56305
cond_char_0.75:mean_APexc_mean	8.06	14.666	0.54956	0.58316
cond_char_1.0:mean_APexc_mean	4.0316	15.283	0.26379	0.79218

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.919

R-squared: 0.0558, Adjusted R-Squared: 0.0268

F-statistic vs. constant model: 1.93, p-value = 0.0665

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.37197	3	0.12399	0.14692	0.93159
mean_APexc_mean	5.6263	1	5.6263	6.6667	0.010449
cond_char:mean_APexc_mean	0.44886	3	0.14962	0.17729	0.91172
Error	192.42	228	0.84394		
Total	203.79	235			

CL14) Variable: mean\_APexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.5102	0.61656	2.4494	0.015062
cond_char_0.5	-0.80073	0.97307	-0.82289	0.41143
cond_char_0.75	0.58447	1.1505	0.50803	0.61192
cond_char_1.0	-0.7158	1.1256	-0.63594	0.52546
mean_APexc_mean	-1.742	10.035	-0.1736	0.86234

cond_char_0.5:mean_APexc_mean	14.685	17.961	0.81762	0.41443
cond_char_0.75:mean_APexc_mean	-16.934	25.365	-0.6676	0.50507
cond_char_1.0:mean_APexc_mean	17	26.433	0.64316	0.52077

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.59

R-squared: 0.00827, Adjusted R-Squared: -0.0222

F-statistic vs. constant model: 0.272, p-value = 0.964

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.2463	3	1.4154	0.56069	0.64149
mean_APexc_mean	0.10452	1	0.10452	0.041404	0.83894
cond_char:mean_APexc_mean	4.4419	3	1.4806	0.58653	0.62441
Error	575.57	228	2.5244		
Total	580.37	235			

CL14) Variable: mean\_APexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_APexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.3284	0.4583	2.8984	0.004116
cond_char_0.5	-0.063055	0.7233	-0.087177	0.93061
cond_char_0.75	-0.017481	0.85515	-0.020443	0.98371
cond_char_1.0	0.48611	0.83666	0.58101	0.56181
mean_APexc_mean	-2.954	7.4588	-0.39604	0.69244
cond_char_0.5:mean_APexc_mean	-0.078974	13.35	-0.0059155	0.99529
cond_char_0.75:mean_APexc_mean	-3.56	18.854	-0.18882	0.85041
cond_char_1.0:mean_APexc_mean	-18.614	19.648	-0.94738	0.34445

Number of observations: 236, Error degrees of freedom: 228

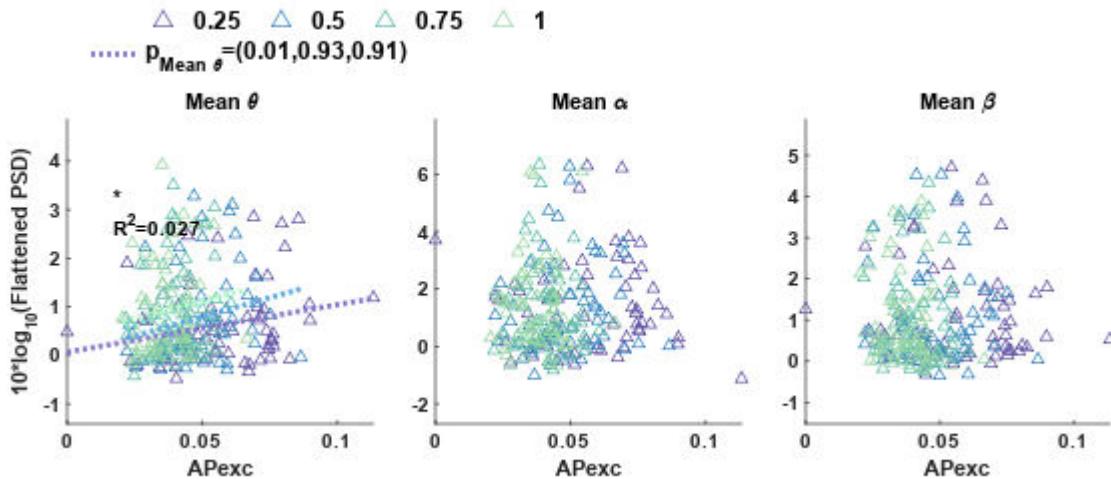
Root Mean Squared Error: 1.18

R-squared: 0.0104, Adjusted R-Squared: -0.02

F-statistic vs. constant model: 0.341, p-value = 0.934

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.62408	3	0.20803	0.14915	0.93016
mean_APexc_mean	2.0024	1	2.0024	1.4356	0.23209
cond_char:mean_APexc_mean	1.3182	3	0.43939	0.31502	0.81451
Error	318.01	228	1.3948		
Total	321.34	235			

### CL14: Frontal\_Inf\_Oper\_L



CL14) Variable: mean\_MLexc\_COV, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.57235	0.3246	1.7633	0.079196
cond_char_0.5	-0.21047	0.48743	-0.43179	0.6663
cond_char_0.75	0.27464	0.55402	0.49572	0.62057
cond_char_1.0	0.036869	0.57194	0.064463	0.94866
mean_MLexc_COV	0.005039	0.025302	0.19915	0.84232
cond_char_0.5:mean_MLexc_COV	0.026545	0.036659	0.72411	0.46974
cond_char_0.75:mean_MLexc_COV	0.00020548	0.038974	0.0052721	0.9958
cond_char_1.0:mean_MLexc_COV	0.014427	0.03616	0.39898	0.69028

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.932

R-squared: 0.0278, Adjusted R-Squared: -0.00201

F-statistic vs. constant model: 0.933, p-value = 0.482

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.62145	3	0.20715	0.23839	0.86952
mean_MLexc_COV	1.1311	1	1.1311	1.3017	0.2551
cond_char:mean_MLexc_COV	0.59238	3	0.19746	0.22724	0.87738
Error	198.12	228	0.86895		
Total	203.79	235			

CL14) Variable: mean\_MLexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	2.5588	0.54726	4.6756	5.0185e-06
cond_char_0.5	-1.087	0.82179	-1.3227	0.18726
cond_char_0.75	-0.49645	0.93405	-0.5315	0.59559
cond_char_1.0	-1.8356	0.96427	-1.9036	0.058223
mean_MLexc_COV	-0.096598	0.042658	-2.2645	0.024486

<code>cond_char_0.5:mean_MLexc_COV</code>	0.086276	0.061806	1.3959	0.1641
<code>cond_char_0.75:mean_MLexc_COV</code>	0.046642	0.065709	0.70984	0.47853
<code>cond_char_1.0:mean_MLexc_COV</code>	0.13319	0.060964	2.1847	0.029932

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.57

R-squared: 0.0297, Adjusted R-Squared: -0.000118

F-statistic vs. constant model: 0.996, p-value = 0.435

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	10.252	3	3.4172	1.3835	0.24856
<code>mean_MLexc_COV</code>	4.3502	1	4.3502	1.7613	0.18579
<code>cond_char:mean_MLexc_COV</code>	12.665	3	4.2218	1.7093	0.16588
<code>Error</code>	563.15	228	2.4699		
<code>Total</code>	580.37	235			

CL14) Variable: mean\_MLexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_MLexc_COV`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.296	0.41228	3.1435	0.0018913
<code>cond_char_0.5</code>	0.088454	0.6191	0.14288	0.88651
<code>cond_char_0.75</code>	-0.39533	0.70367	-0.56181	0.5748
<code>cond_char_1.0</code>	-0.42715	0.72643	-0.58801	0.55711
<code>mean_MLexc_COV</code>	-0.011651	0.032137	-0.36255	0.71728
<code>cond_char_0.5:mean_MLexc_COV</code>	-0.0089757	0.046562	-0.19277	0.84731
<code>cond_char_0.75:mean_MLexc_COV</code>	0.021584	0.049502	0.43603	0.66323
<code>cond_char_1.0:mean_MLexc_COV</code>	0.019335	0.045928	0.42099	0.67416

Number of observations: 236, Error degrees of freedom: 228

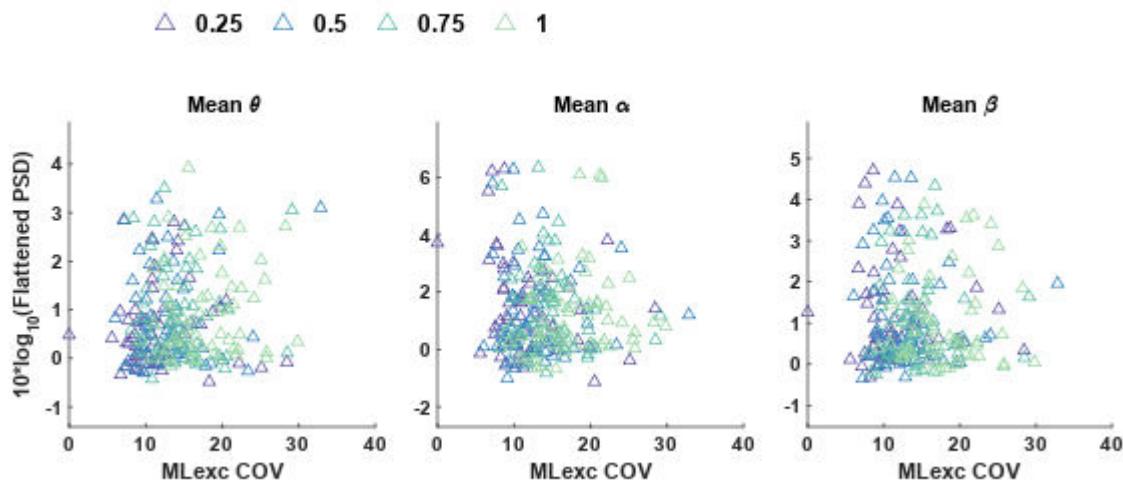
Root Mean Squared Error: 1.18

R-squared: 0.00539, Adjusted R-Squared: -0.0251

F-statistic vs. constant model: 0.176, p-value = 0.99

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.1007	3	0.36691	0.26175	0.85291
<code>mean_MLexc_COV</code>	0.064626	1	0.064626	0.046102	0.83018
<code>cond_char:mean_MLexc_COV</code>	0.78978	3	0.26326	0.1878	0.90463
<code>Error</code>	319.61	228	1.4018		
<code>Total</code>	321.34	235			

### CL14: Frontal\_Inf\_Oper\_L



CL14) Variable: mean\_MLexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.80758	0.41871	1.9287	0.055008
cond_char_0.5	-0.022429	0.63584	-0.035275	0.97189
cond_char_0.75	0.24393	0.66309	0.36787	0.71331
cond_char_1.0	0.9724	0.7247	1.3418	0.18099
mean_MLexc_mean	-1.5103	3.4534	-0.43734	0.66228
cond_char_0.5:mean_MLexc_mean	1.3447	6.1306	0.21934	0.82658
cond_char_0.75:mean_MLexc_mean	-0.33502	7.9862	-0.04195	0.96658
cond_char_1.0:mean_MLexc_mean	-13.754	11.219	-1.226	0.22146

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.932

R-squared: 0.0289, Adjusted R-Squared: -0.000934

F-statistic vs. constant model: 0.969, p-value = 0.455

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.8686	3	0.62285	0.71756	0.54241
mean_MLexc_mean	1.5063	1	1.5063	1.7353	0.18906
cond_char:mean_MLexc_mean	1.4722	3	0.49072	0.56533	0.6384
Error	197.91	228	0.86802		
Total	203.79	235			

CL14) Variable: mean\_MLexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.0779	0.71491	1.5077	0.13301
cond_char_0.5	-0.44097	1.0856	-0.40619	0.68499
cond_char_0.75	0.1464	1.1322	0.12931	0.89723
cond_char_1.0	0.76562	1.2373	0.61876	0.53669
mean_MLexc_mean	2.8567	5.8964	0.48449	0.62851

<b>cond_char_0.5:mean_MLexc_mean</b>	4.82	10.467	0.46048	0.64561
<b>cond_char_0.75:mean_MLexc_mean</b>	-1.2768	13.636	-0.093638	0.92548
<b>cond_char_1.0:mean_MLexc_mean</b>	-11.63	19.155	-0.60716	0.54435

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.59

R-squared: 0.00591, Adjusted R-Squared: -0.0246

F-statistic vs. constant model: 0.194, p-value = 0.987

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	2.2272	3	0.74241	0.29339	0.83015
<b>mean_MLexc_mean</b>	0.047607	1	0.047607	0.018814	0.89102
<b>cond_char:mean_MLexc_mean</b>	1.8222	3	0.60741	0.24004	0.86836
<b>Error</b>	576.94	228	2.5304		
<b>Total</b>	580.37	235			

CL14) Variable: mean\_MLexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_MLexc\_mean

Estimated Coefficients:

	<b>Estimate</b>	<b>SE</b>	<b>tStat</b>	<b>pValue</b>
<b>(Intercept)</b>	1.1746	0.53224	2.207	0.028313
<b>cond_char_0.5</b>	-0.13339	0.80824	-0.16504	0.86906
<b>cond_char_0.75</b>	0.065525	0.84288	0.077739	0.9381
<b>cond_char_1.0</b>	0.29323	0.92119	0.31831	0.75054
<b>mean_MLexc_mean</b>	-0.14893	4.3898	-0.033927	0.97297
<b>cond_char_0.5:mean_MLexc_mean</b>	0.98785	7.7928	0.12676	0.89924
<b>cond_char_0.75:mean_MLexc_mean</b>	-2.6565	10.152	-0.26168	0.7938
<b>cond_char_1.0:mean_MLexc_mean</b>	-8.4005	14.261	-0.58906	0.5564

Number of observations: 236, Error degrees of freedom: 228

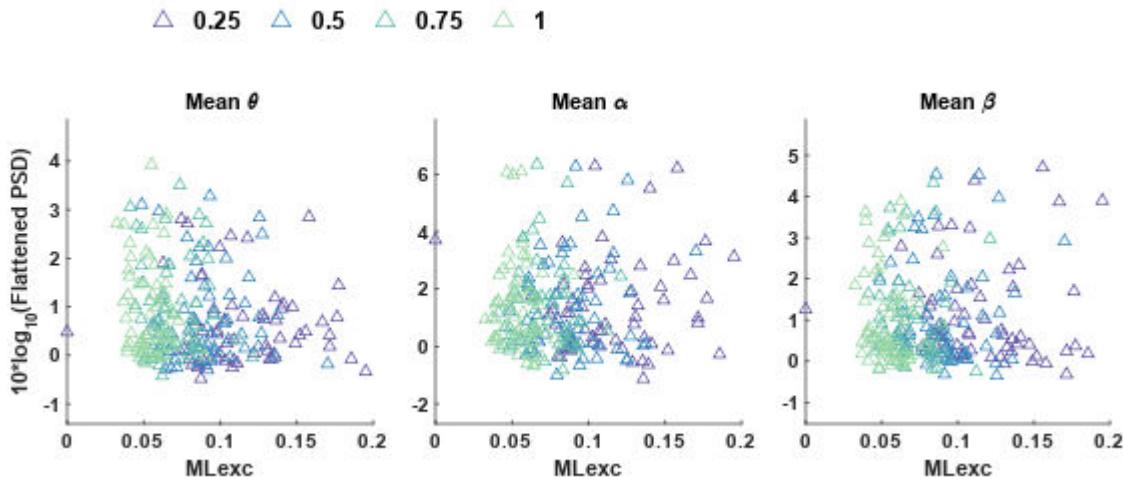
Root Mean Squared Error: 1.18

R-squared: 0.00486, Adjusted R-Squared: -0.0257

F-statistic vs. constant model: 0.159, p-value = 0.993

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	0.28171	3	0.093903	0.066952	0.97739
<b>mean_MLexc_mean</b>	0.48545	1	0.48545	0.34612	0.5569
<b>cond_char:mean_MLexc_mean</b>	0.64576	3	0.21525	0.15347	0.92738
<b>Error</b>	319.78	228	1.4025		
<b>Total</b>	321.34	235			

### CL14: Frontal\_Inf\_Oper\_L



CL14) Variable: mean\_StepDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.50882	0.4285	-1.1874	0.23629
cond_char_0.5	-0.9124	0.81789	-1.1155	0.26579
cond_char_0.75	-1.6808	1.0995	-1.5287	0.12772
cond_char_1.0	-1.0497	1.266	-0.82917	0.40788
mean_StepDur	1.0126	0.36649	2.763	0.0061954
cond_char_0.5:mean_StepDur	1.7478	0.94014	1.8591	0.064299
cond_char_0.75:mean_StepDur	3.7431	1.58	2.369	0.018671
cond_char_1.0:mean_StepDur	3.3356	2.0861	1.599	0.11121

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.877

R-squared: 0.139, Adjusted R-Squared: 0.113

F-statistic vs. constant model: 5.27, p-value = 1.34e-05

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.5177	3	0.83922	1.0909	0.35374
mean_StepDur	17.091	1	17.091	22.217	4.2383e-06
cond_char:mean_StepDur	7.9219	3	2.6406	3.4325	0.017785
Error	175.4	228	0.76929		
Total	203.79	235			

CL14) Variable: mean\_StepDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StepDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.0205	0.77577	1.3154	0.18969
cond_char_0.5	-0.91527	1.4807	-0.61812	0.53711
cond_char_0.75	1.8472	1.9905	0.92804	0.35437
cond_char_1.0	1.1129	2.2919	0.4856	0.62772
mean_StepDur	0.34513	0.6635	0.52017	0.60345

<code>cond_char_0.5:mean_StepDur</code>	1.2085	1.702	0.71001	0.47843
<code>cond_char_0.75:mean_StepDur</code>	-2.6883	2.8605	-0.9398	0.34832
<code>cond_char_1.0:mean_StepDur</code>	-1.6714	3.7767	-0.44255	0.65851

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.59

R-squared: 0.00945, Adjusted R-Squared: -0.021

F-statistic vs. constant model: 0.311, p-value = 0.949

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.5188	3	1.5063	0.59739	0.61732
<code>mean_StepDur</code>	0.32316	1	0.32316	0.12816	0.72067
<code>cond_char:mean_StepDur</code>	4.3615	3	1.4538	0.57659	0.63094
<code>Error</code>	574.89	228	2.5214		
<code>Total</code>	580.37	235			

CL14) Variable: mean\_StepDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_StepDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7497	0.57171	3.0606	0.0024741
<code>cond_char_0.5</code>	-0.10112	1.0912	-0.092663	0.92625
<code>cond_char_0.75</code>	1.1487	1.4669	0.78306	0.43441
<code>cond_char_1.0</code>	1.8252	1.689	1.0806	0.281
<code>mean_StepDur</code>	-0.52567	0.48898	-1.075	0.28349
<code>cond_char_0.5:mean_StepDur</code>	-0.14291	1.2543	-0.11393	0.90939
<code>cond_char_0.75:mean_StepDur</code>	-2.305	2.1081	-1.0934	0.27537
<code>cond_char_1.0:mean_StepDur</code>	-3.9268	2.7833	-1.4109	0.15965

Number of observations: 236, Error degrees of freedom: 228

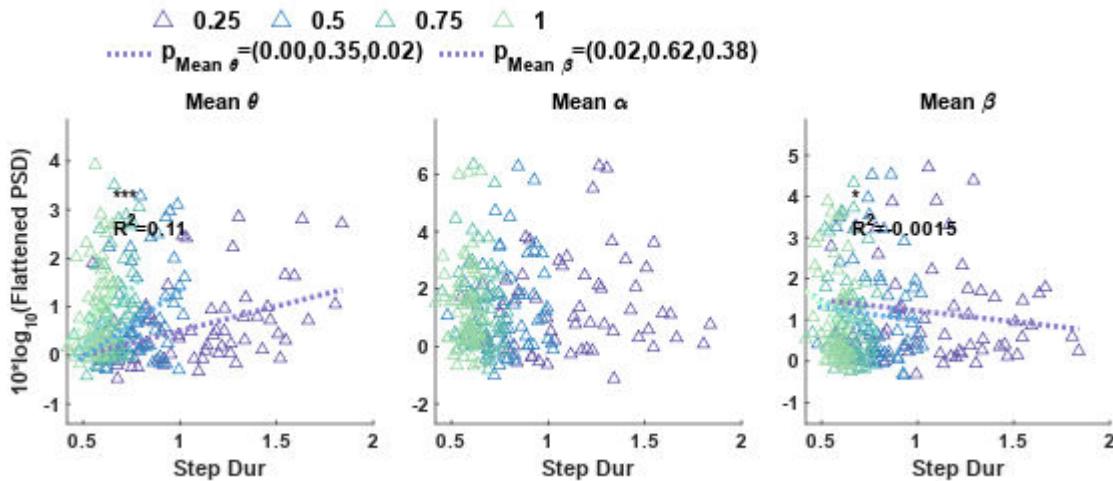
Root Mean Squared Error: 1.17

R-squared: 0.0284, Adjusted R-Squared: -0.00147

F-statistic vs. constant model: 0.951, p-value = 0.468

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.4077	3	0.80256	0.58606	0.62472
<code>mean_StepDur</code>	7.4075	1	7.4075	5.4092	0.020909
<code>cond_char:mean_StepDur</code>	4.2053	3	1.4018	1.0236	0.38291
<code>Error</code>	312.23	228	1.3694		
<code>Total</code>	321.34	235			

### CL14: Frontal\_Inf\_Oper\_L



CL14) Variable: mean\_Udexc\_COV, EEG\_band: theta\_avg\_power  
Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_Udexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.1771	0.51306	2.2943	0.022685
cond_char_0.5	0.82875	0.80416	1.0306	0.30383
cond_char_0.75	0.25352	0.73514	0.34486	0.73052
cond_char_1.0	0.011692	0.69581	0.016803	0.98661
mean_Udexc_COV	-0.027399	0.025085	-1.0922	0.27589
cond_char_0.5:mean_Udexc_COV	-0.060244	0.049851	-1.2085	0.22811
cond_char_0.75:mean_Udexc_COV	-0.020391	0.054429	-0.37464	0.70828
cond_char_1.0:mean_Udexc_COV	-0.0014578	0.06081	-0.023973	0.98089

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.923

R-squared: 0.0466, Adjusted R-Squared: 0.0173

F-statistic vs. constant model: 1.59, p-value = 0.139

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1508	3	0.38361	0.45014	0.71744
mean_Udexc_COV	3.9702	1	3.9702	4.6588	0.031939
cond_char:mean_Udexc_COV	1.3055	3	0.43517	0.51065	0.67533
Error	194.3	228	0.85219		
Total	203.79	235			

CL14) Variable: mean\_Udexc\_COV, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_Udexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	3.2228	0.87193	3.6961	0.00027419
cond_char_0.5	-0.1207	1.3667	-0.088318	0.9297
cond_char_0.75	-2.2517	1.2493	-1.8023	0.072823
cond_char_1.0	-1.6936	1.1825	-1.4322	0.15345
mean_Udexc_COV	-0.0912	0.042632	-2.1393	0.033477

<b>cond_char_0.5:mean_UDexc_COV</b>	-0.033875	0.084721	-0.39984	0.68965
<b>cond_char_0.75:mean_UDexc_COV</b>	0.12539	0.0925	1.3555	0.17659
<b>cond_char_1.0:mean_UDexc_COV</b>	0.071512	0.10335	0.69197	0.48966

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.57

R-squared: 0.0331, Adjusted R-Squared: 0.00339

F-statistic vs. constant model: 1.11, p-value = 0.355

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	11.485	3	3.8283	1.5554	0.20105
<b>mean_UDexc_COV</b>	4.3991	1	4.3991	1.7873	0.18258
<b>cond_char:mean_UDexc_COV</b>	6.6675	3	2.2225	0.90298	0.44042
<b>Error</b>	561.17	228	2.4613		
<b>Total</b>	580.37	235			

CL14) Variable: mean\_UDexc\_COV, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_COV

Estimated Coefficients:

	Estimate	SE	tStat	pValue
<b>(Intercept)</b>	1.6515	0.65349	2.5273	0.012174
<b>cond_char_0.5</b>	0.80615	1.0243	0.78704	0.43208
<b>cond_char_0.75</b>	-0.44117	0.93636	-0.47115	0.63798
<b>cond_char_1.0</b>	-0.86823	0.88626	-0.97965	0.3283
<b>mean_UDexc_COV</b>	-0.024854	0.031952	-0.77785	0.43746
<b>cond_char_0.5:mean_UDexc_COV</b>	-0.070161	0.063497	-1.105	0.27034
<b>cond_char_0.75:mean_UDexc_COV</b>	0.0093182	0.069327	0.13441	0.8932
<b>cond_char_1.0:mean_UDexc_COV</b>	0.05178	0.077455	0.66852	0.50448

Number of observations: 236, Error degrees of freedom: 228

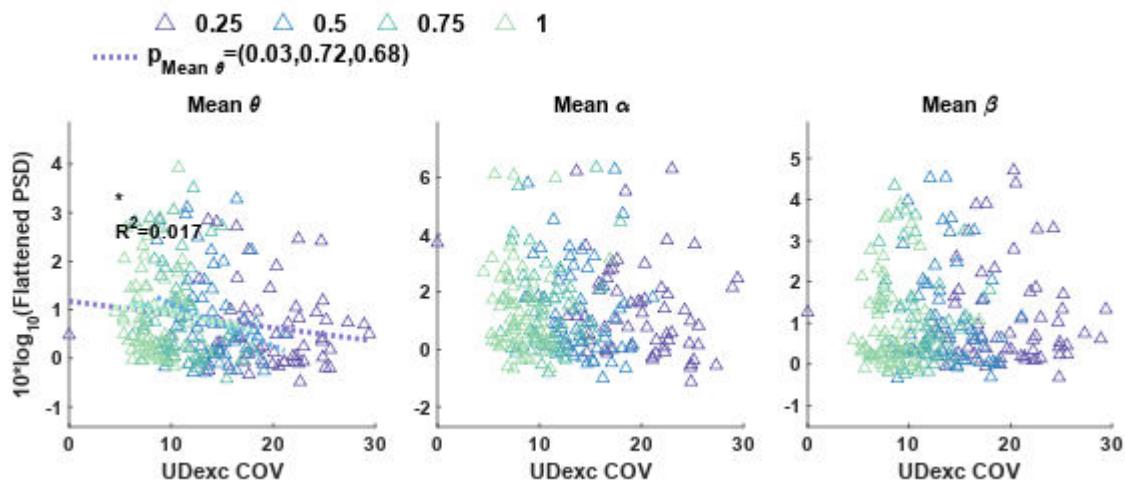
Root Mean Squared Error: 1.18

R-squared: 0.019, Adjusted R-Squared: -0.0111

F-statistic vs. constant model: 0.632, p-value = 0.729

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	4.2653	3	1.4218	1.0284	0.38079
<b>mean_UDexc_COV</b>	1.2714	1	1.2714	0.91963	0.33859
<b>cond_char:mean_UDexc_COV</b>	2.9518	3	0.98394	0.71169	0.54591
<b>Error</b>	315.22	228	1.3826		
<b>Total</b>	321.34	235			

### CL14: Frontal\_Inf\_Oper\_L



CL14) Variable: mean\_UDexc\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.72191	0.3842	1.879	0.061518
cond_char_0.5	0.14159	0.65757	0.21532	0.82971
cond_char_0.75	0.55227	0.74691	0.73941	0.46042
cond_char_1.0	0.41492	0.75854	0.547	0.58491
mean_UDexc_mean	-6.1249	24.909	-0.24589	0.80599
cond_char_0.5:mean_UDexc_mean	1.4583	35.961	0.040553	0.96769
cond_char_0.75:mean_UDexc_mean	-6.8332	34.063	-0.2006	0.84119
cond_char_1.0:mean_UDexc_mean	0.95777	30.716	0.031181	0.97515

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.935

R-squared: 0.0212, Adjusted R-Squared: -0.00889

F-statistic vs. constant model: 0.704, p-value = 0.669

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.6044	3	0.20147	0.23027	0.87526
mean_UDexc_mean	0.33932	1	0.33932	0.38784	0.53406
cond_char:mean_UDexc_mean	0.074771	3	0.024924	0.028487	0.9935
Error	199.48	228	0.87492		
Total	203.79	235			

CL14) Variable: mean\_UDexc\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.487	0.65128	2.2832	0.023337
cond_char_0.5	-1.3693	1.1147	-1.2284	0.22055
cond_char_0.75	-0.50635	1.2661	-0.39991	0.68959
cond_char_1.0	-1.036	1.2858	-0.80569	0.42126
mean_UDexc_mean	-5.307	42.225	-0.12568	0.90009

<b>cond_char_0.5:mean_UDexc_mean</b>	66.244	60.96	1.0867	0.27832
<b>cond_char_0.75:mean_UDexc_mean</b>	18.357	57.742	0.31792	0.75084
<b>cond_char_1.0:mean_UDexc_mean</b>	30.943	52.069	0.59427	0.55292

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.59

R-squared: 0.0123, Adjusted R-Squared: -0.018

F-statistic vs. constant model: 0.406, p-value = 0.898

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	4.3406	3	1.4469	0.57548	0.63168
<b>mean_UDexc_mean</b>	3.6099	1	3.6099	1.4358	0.23206
<b>cond_char:mean_UDexc_mean</b>	3.1809	3	1.0603	0.42174	0.73759
<b>Error</b>	573.23	228	2.5142		
<b>Total</b>	580.37	235			

CL14) Variable: mean\_UDexc\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_UDexc\_mean

Estimated Coefficients:

	<b>Estimate</b>	<b>SE</b>	<b>tStat</b>	<b>pValue</b>
<b>(Intercept)</b>	1.3558	0.48629	2.7881	0.0057497
<b>cond_char_0.5</b>	-0.16644	0.83231	-0.19998	0.84168
<b>cond_char_0.75</b>	-0.001592	0.94539	-0.001684	0.99866
<b>cond_char_1.0</b>	0.09299	0.96011	0.096853	0.92293
<b>mean_UDexc_mean</b>	-13.566	31.528	-0.43028	0.6674
<b>cond_char_0.5:mean_UDexc_mean</b>	9.9991	45.517	0.21968	0.82632
<b>cond_char_0.75:mean_UDexc_mean</b>	2.16	43.115	0.050099	0.96009
<b>cond_char_1.0:mean_UDexc_mean</b>	1.1309	38.878	0.029089	0.97682

Number of observations: 236, Error degrees of freedom: 228

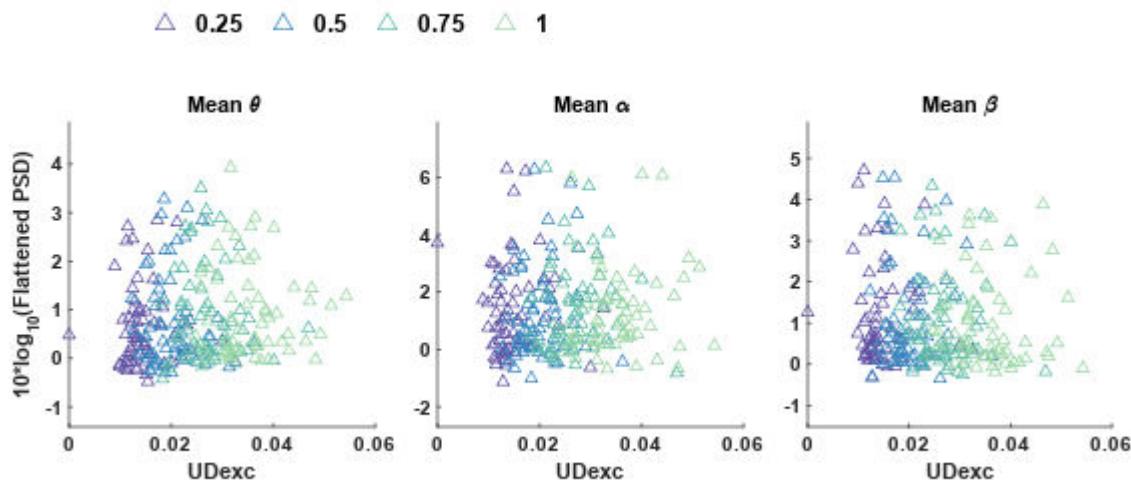
Root Mean Squared Error: 1.18

R-squared: 0.00545, Adjusted R-Squared: -0.0251

F-statistic vs. constant model: 0.179, p-value = 0.989

	<b>SumOfSquares</b>	<b>DF</b>	<b>MeanSquares</b>	<b>F</b>	<b>pValue</b>
<b>cond_char</b>	0.094807	3	0.031602	0.022546	0.9954
<b>mean_UDexc_mean</b>	0.68131	1	0.68131	0.48606	0.4864
<b>cond_char:mean_UDexc_mean</b>	0.086667	3	0.028889	0.02061	0.99597
<b>Error</b>	319.59	228	1.4017		
<b>Total</b>	321.34	235			

### CL14: Frontal\_Inf\_Oper\_L



CL14) Variable: mean\_StanceDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

$\text{theta\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.46285	0.4129	-1.121	0.26349
cond_char_0.5	-0.88138	0.81271	-1.0845	0.27929
cond_char_0.75	-1.6829	1.1465	-1.4678	0.14353
cond_char_1.0	-0.73678	1.3181	-0.55897	0.57673
mean_StanceDur	0.66058	0.2392	2.7615	0.0062216
cond_char_0.5:mean_StanceDur	1.3325	0.6935	1.9215	0.055919
cond_char_0.75:mean_StanceDur	2.9982	1.29	2.3241	0.020998
cond_char_1.0:mean_StanceDur	2.3129	1.7391	1.33	0.18485

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.883

R-squared: 0.127, Adjusted R-Squared: 0.101

F-statistic vs. constant model: 4.76, p-value = 5.22e-05

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.2792	3	0.75975	0.97411	0.40569
mean_StanceDur	13.304	1	13.304	17.058	5.0896e-05
cond_char:mean_StanceDur	7.7803	3	2.5934	3.3252	0.020488
Error	177.83	228	0.77994		
Total	203.79	235			

CL14) Variable: mean\_StanceDur, EEG\_band: alpha\_avg\_power

Linear regression model:

$\text{alpha\_avg\_power} \sim 1 + \text{cond\_char} * \text{mean\_StanceDur}$

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.0784	0.74239	1.4527	0.14769
cond_char_0.5	-0.91056	1.4612	-0.62315	0.53381
cond_char_0.75	1.9837	2.0614	0.96232	0.33691
cond_char_1.0	1.2432	2.3699	0.52458	0.60038
mean_StanceDur	0.19963	0.43008	0.46416	0.64297

<b>cond_char_0.5:mean_StanceDur</b>	0.90386	1.2469	0.7249	0.46926
<b>cond_char_0.75:mean_StanceDur</b>	-2.2599	2.3194	-0.97432	0.33093
<b>cond_char_1.0:mean_StanceDur</b>	-1.518	3.1268	-0.48548	0.6278

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.59

R-squared: 0.0095, Adjusted R-Squared: -0.0209

F-statistic vs. constant model: 0.312, p-value = 0.948

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	4.7347	3	1.5782	0.62597	0.5989
<b>mean_StanceDur</b>	0.66461	1	0.66461	0.2636	0.60815
<b>cond_char:mean_StanceDur</b>	4.5864	3	1.5288	0.60636	0.6115
<b>Error</b>	574.85	228	2.5213		
<b>Total</b>	580.37	235			

CL14) Variable: mean\_StanceDur, EEG\_band: beta\_avg\_power

Linear regression model:

beta\_avg\_power ~ 1 + cond\_char\*mean\_StanceDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
<b>(Intercept)</b>	1.6451	0.54858	2.9989	0.0030102
<b>cond_char_0.5</b>	-0.17987	1.0798	-0.16658	0.86785
<b>cond_char_0.75</b>	1.0876	1.5233	0.71398	0.47597
<b>cond_char_1.0</b>	1.9071	1.7512	1.089	0.2773
<b>mean_StanceDur</b>	-0.29422	0.31781	-0.92579	0.35554
<b>cond_char_0.5:mean_StanceDur</b>	-0.033246	0.92138	-0.036083	0.97125
<b>cond_char_0.75:mean_StanceDur</b>	-1.7171	1.7139	-1.0018	0.31748
<b>cond_char_1.0:mean_StanceDur</b>	-3.227	2.3105	-1.3967	0.16387

Number of observations: 236, Error degrees of freedom: 228

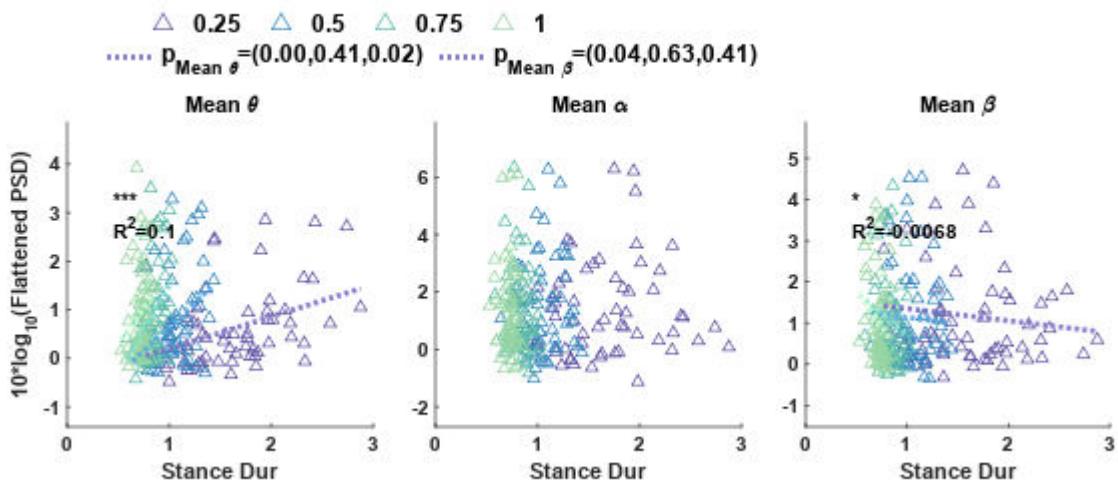
Root Mean Squared Error: 1.17

R-squared: 0.0232, Adjusted R-Squared: -0.00682

F-statistic vs. constant model: 0.773, p-value = 0.611

	SumOfSquares	DF	MeanSquares	F	pValue
<b>cond_char</b>	2.3998	3	0.79992	0.58103	0.62802
<b>mean_StanceDur</b>	5.8437	1	5.8437	4.2447	0.040509
<b>cond_char:mean_StanceDur</b>	3.9831	3	1.3277	0.9644	0.41029
<b>Error</b>	313.89	228	1.3767		
<b>Total</b>	321.34	235			

### CL14: Frontal\_Inf\_Oper\_L



CL14) Variable: mean\_GaitCycleDur, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	-0.5051	0.42868	-1.1782	0.23993
cond_char_0.5	-0.91001	0.81728	-1.1135	0.26668
cond_char_0.75	-1.6916	1.1032	-1.5334	0.12657
cond_char_1.0	-1.0172	1.2632	-0.80527	0.4215
mean_GaitCycleDur	0.50413	0.18313	2.7528	0.0063846
cond_char_0.5:mean_GaitCycleDur	0.87194	0.46944	1.8574	0.064543
cond_char_0.75:mean_GaitCycleDur	1.8789	0.79286	2.3697	0.018635
cond_char_1.0:mean_GaitCycleDur	1.6382	1.0402	1.5748	0.11668

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.877

R-squared: 0.139, Adjusted R-Squared: 0.112

F-statistic vs. constant model: 5.24, p-value = 1.46e-05

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.5082	3	0.83608	1.0859	0.35585
mean_GaitCycleDur	16.948	1	16.948	22.012	4.672e-06
cond_char:mean_GaitCycleDur	7.8768	3	2.6256	3.41	0.018321
Error	175.55	228	0.76996		
Total	203.79	235			

CL14) Variable: mean\_GaitCycleDur, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_GaitCycleDur

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.0184	0.77574	1.3128	0.19057
cond_char_0.5	-0.91753	1.4789	-0.6204	0.53562
cond_char_0.75	1.8478	1.9963	0.92558	0.35564
cond_char_1.0	1.121	2.2858	0.49041	0.62432
mean_GaitCycleDur	0.1733	0.33139	0.52294	0.60152

<code>cond_char_0.5:mean_GaitCycleDur</code>	0.60605	0.8495	0.71342	0.47632
<code>cond_char_0.75:mean_GaitCycleDur</code>	-1.3435	1.4348	-0.93643	0.35004
<code>cond_char_1.0:mean_GaitCycleDur</code>	-0.84147	1.8824	-0.44702	0.65529

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.59

R-squared: 0.00949, Adjusted R-Squared: -0.0209

F-statistic vs. constant model: 0.312, p-value = 0.948

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.5287	3	1.5096	0.59871	0.61646
<code>mean_GaitCycleDur</code>	0.32408	1	0.32408	0.12854	0.72029
<code>cond_char:mean_GaitCycleDur</code>	4.3684	3	1.4561	0.57753	0.63033
<code>Error</code>	574.86	228	2.5213		
<code>Total</code>	580.37	235			

CL14) Variable: mean\_GaitCycleDur, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_GaitCycleDur`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.7489	0.57169	3.0592	0.0024847
<code>cond_char_0.5</code>	-0.097735	1.0899	-0.089673	0.92863
<code>cond_char_0.75</code>	1.1463	1.4712	0.77919	0.43668
<code>cond_char_1.0</code>	1.8335	1.6846	1.0884	0.27756
<code>mean_GaitCycleDur</code>	-0.26219	0.24422	-1.0736	0.28415
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.07363	0.62604	-0.11761	0.90648
<code>cond_char_0.75:mean_GaitCycleDur</code>	-1.1505	1.0574	-1.0881	0.27769
<code>cond_char_1.0:mean_GaitCycleDur</code>	-1.97	1.3873	-1.4201	0.15694

Number of observations: 236, Error degrees of freedom: 228

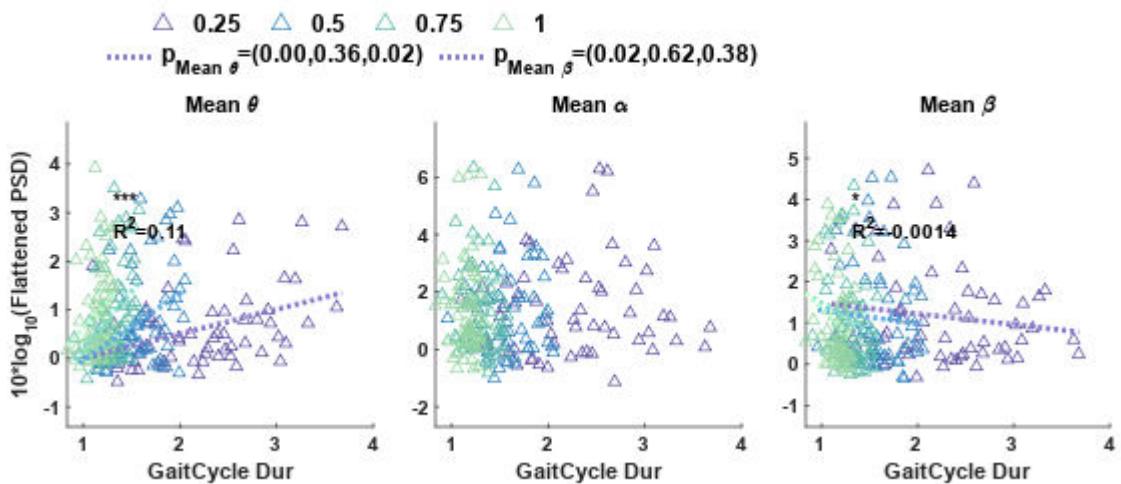
Root Mean Squared Error: 1.17

R-squared: 0.0284, Adjusted R-Squared: -0.00141

F-statistic vs. constant model: 0.953, p-value = 0.467

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.4196	3	0.80654	0.589	0.62279
<code>mean_GaitCycleDur</code>	7.4362	1	7.4362	5.4305	0.020661
<code>cond_char:mean_GaitCycleDur</code>	4.2246	3	1.4082	1.0284	0.38079
<code>Error</code>	312.21	228	1.3693		
<code>Total</code>	321.34	235			

### CL14: Frontal\_Inf\_Oper\_L



CL14) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: theta\_avg\_power  
 Linear regression model:

theta\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	0.98246	0.39132	2.5106	0.012746
cond_char_0.5	0.78861	0.7218	1.0926	0.27574
cond_char_0.75	1.2336	0.81194	1.5193	0.13008
cond_char_1.0	0.46799	0.78999	0.5924	0.55417
mean_PeakUpDownVel_mean	-2.9947	3.1858	-0.93999	0.34822
cond_char_0.5:mean_PeakUpDownVel_mean	-1.9913	4.3496	-0.45782	0.64752
cond_char_0.75:mean_PeakUpDownVel_mean	-1.4079	3.9818	-0.35359	0.72397
cond_char_1.0:mean_PeakUpDownVel_mean	1.7727	3.5909	0.49367	0.62202

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 0.921

R-squared: 0.051, Adjusted R-Squared: 0.0218

F-statistic vs. constant model: 1.75, p-value = 0.0988

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.404	3	0.80132	0.94463	0.41979
mean_PeakUpDownVel_mean	5.7372	1	5.7372	6.7633	0.0099136
cond_char:mean_PeakUpDownVel_mean	1.6162	3	0.53872	0.63507	0.59311
Error	193.41	228	0.84829		
Total	203.79	235			

CL14) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: alpha\_avg\_power

Linear regression model:

alpha\_avg\_power ~ 1 + cond\_char\*mean\_PeakUpDownVel\_mean

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.6571	0.67706	2.4475	0.01514
cond_char_0.5	-0.68692	1.2488	-0.55004	0.58283
cond_char_0.75	-0.23297	1.4048	-0.16584	0.86843
cond_char_1.0	-0.79229	1.3668	-0.57966	0.56272
mean_PeakUpDownVel_mean	-2.1187	5.512	-0.38438	0.70106

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	3.9527	7.5255	0.52524	0.59993
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	1.8113	6.8891	0.26293	0.79285
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	3.3516	6.2128	0.53946	0.59009

Number of observations: 236, Error degrees of freedom: 228

Root Mean Squared Error: 1.59

R-squared: 0.00241, Adjusted R-Squared: -0.0282

F-statistic vs. constant model: 0.0787, p-value = 0.999

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.2878	3	0.42927	0.16905	0.9172
<code>mean_PeakUpDownVel_mean</code>	0.012729	1	0.012729	0.0050125	0.94362
<code>cond_char:mean_PeakUpDownVel_mean</code>	1.0078	3	0.33593	0.13229	0.94078
<code>Error</code>	578.97	228	2.5393		
<code>Total</code>	580.37	235			

CL14) Variable: mean\_PeakUpDownVel\_mean, EEG\_band: beta\_avg\_power

Linear regression model:

`beta_avg_power ~ 1 + cond_char*mean_PeakUpDownVel_mean`

Estimated Coefficients:

	Estimate	SE	tStat	pValue
(Intercept)	1.0094	0.50272	2.0078	0.04584
<code>cond_char_0.5</code>	-0.19935	0.92728	-0.21498	0.82997
<code>cond_char_0.75</code>	-0.43996	1.0431	-0.42179	0.67358
<code>cond_char_1.0</code>	-0.54503	1.0149	-0.53704	0.59176
<code>mean_PeakUpDownVel_mean</code>	1.2656	4.0928	0.30922	0.75744
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	0.26788	5.5878	0.04794	0.96181
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	0.35598	5.1152	0.069593	0.94458
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	0.058046	4.6131	0.012583	0.98997

Number of observations: 236, Error degrees of freedom: 228

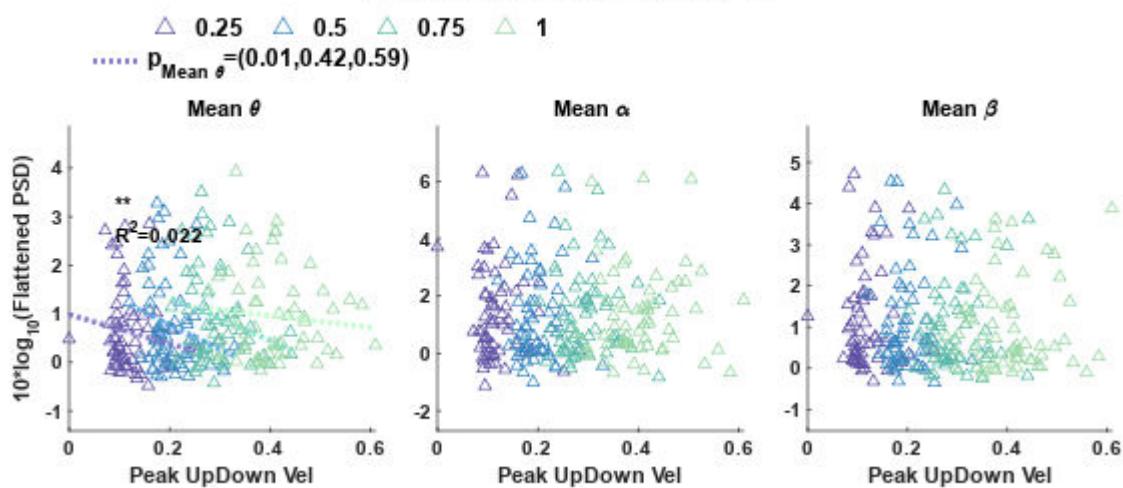
Root Mean Squared Error: 1.18

R-squared: 0.00666, Adjusted R-Squared: -0.0238

F-statistic vs. constant model: 0.218, p-value = 0.981

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.53187	3	0.17729	0.12663	0.94426
<code>mean_PeakUpDownVel_mean</code>	1.0227	1	1.0227	0.7305	0.39362
<code>cond_char:mean_PeakUpDownVel_mean</code>	0.012145	3	0.0040484	0.0028917	0.99978
<code>Error</code>	319.2	228	1.4		
<code>Total</code>	321.34	235			

### CL14: Frontal\_Inf\_Oper\_L



Warning: Some output might be missing due to a network interruption. To get the missing output, rerun the script.