

```

%% 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];

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        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);

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        % 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'));

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        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

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```

        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,...

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        '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

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    %- 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('cl%_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)	0.033569	0.40751	0.082375	0.93441
cond_char_0.5	-0.4726	0.68838	-0.68654	0.49302
cond_char_0.75	-0.76089	0.67198	-1.1323	0.2586
cond_char_1.0	-0.13651	0.58572	-0.23307	0.8159
mean_APexc_COV	0.044884	0.017003	2.6398	0.0088204
cond_char_0.5:mean_APexc_COV	0.023466	0.031098	0.75459	0.45121
cond_char_0.75:mean_APexc_COV	0.04305	0.031264	1.377	0.16976
cond_char_1.0:mean_APexc_COV	0.0087926	0.026711	0.32917	0.7423

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 1.08
 R-squared: 0.115, Adjusted R-Squared: 0.0901
 F-statistic vs. constant model: 4.61, p-value = 7.27e-05

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.7709	3	0.59029	0.50569	0.6787
mean_APexc_COV	36.45	1	36.45	31.226	6.034e-08
cond_char:mean_APexc_COV	2.4486	3	0.81619	0.69921	0.55333
Error	289.49	248	1.1673		
Total	327.15	255			

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)	3.9319	0.77759	5.0565	8.3066e-07
cond_char_0.5	0.47046	1.3135	0.35816	0.72053
cond_char_0.75	0.2745	1.2822	0.21408	0.83066
cond_char_1.0	-0.14486	1.1176	-0.12961	0.89698
mean_APexc_COV	-0.011807	0.032444	-0.36392	0.71623
cond_char_0.5:mean_APexc_COV	-0.034866	0.05934	-0.58756	0.55736
cond_char_0.75:mean_APexc_COV	-0.018572	0.059657	-0.31131	0.75582
cond_char_1.0:mean_APexc_COV	-0.013036	0.05097	-0.25576	0.79835

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 2.06

R-squared: 0.0119, Adjusted R-Squared: -0.016

F-statistic vs. constant model: 0.427, p-value = 0.885

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1088	3	0.3696	0.08696	0.96714
mean_APexc_COV	7.2557	1	7.2557	1.7071	0.19257
cond_char:mean_APexc_COV	1.5555	3	0.51849	0.12199	0.94708
Error	1054.1	248	4.2502		
Total	1066.8	255			

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)	2.3384	0.4521	5.1722	4.7704e-07
cond_char_0.5	0.41394	0.76371	0.54201	0.5883
cond_char_0.75	0.21892	0.74551	0.29365	0.76927
cond_char_1.0	0.18606	0.64982	0.28633	0.77486
mean_APexc_COV	-0.017814	0.018863	-0.9444	0.34588
cond_char_0.5:mean_APexc_COV	-0.019584	0.034501	-0.56763	0.5708
cond_char_0.75:mean_APexc_COV	-0.010443	0.034686	-0.30107	0.76361
cond_char_1.0:mean_APexc_COV	-0.016319	0.029634	-0.55066	0.58236

Number of observations: 256, Error degrees of freedom: 248

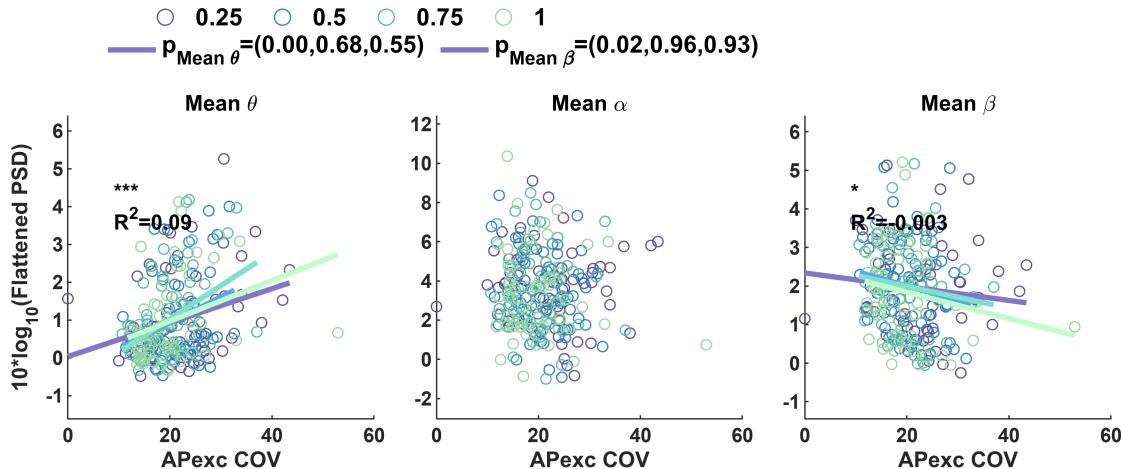
Root Mean Squared Error: 1.2

R-squared: 0.0245, Adjusted R-Squared: -0.00305

F-statistic vs. constant model: 0.889, p-value = 0.515

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.44024	3	0.14675	0.10214	0.95874
mean_APexc_COV	7.7621	1	7.7621	5.4025	0.020916
cond_char:mean_APexc_COV	0.66882	3	0.22294	0.15517	0.92629
Error	356.31	248	1.4367		
Total	365.26	255			

CL3: Cuneus_R



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)	1.6425	0.42387	3.8751	0.0001365
cond_char_0.5	0.28612	0.72595	0.39413	0.69382
cond_char_0.75	1.0109	0.81788	1.2359	0.21765
cond_char_1.0	-0.40918	0.75679	-0.54068	0.58921
mean_APexc_mean	-9.7753	6.582	-1.4852	0.13877
cond_char_0.5:mean_APexc_mean	-10.097	13.607	-0.74207	0.45875
cond_char_0.75:mean_APexc_mean	-30.751	18.09	-1.6999	0.09041
cond_char_1.0:mean_APexc_mean	1.7524	17.713	0.098935	0.92127

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 1.12

R-squared: 0.0438, Adjusted R-Squared: 0.0168

F-statistic vs. constant model: 1.62, p-value = 0.129

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.138	3	1.046	0.82928	0.47884
mean_APexc_mean	10.43	1	10.43	8.2687	0.0043839
cond_char:mean_APexc_mean	4.1111	3	1.3704	1.0864	0.35544
Error	312.81	248	1.2613		
Total	327.15	255			

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)	2.9531	0.77606	3.8052	0.00017851
cond_char_0.5	1.1165	1.3291	0.83999	0.40172
cond_char_0.75	0.66816	1.4975	0.4462	0.65584
cond_char_1.0	-1.1349	1.3856	-0.81908	0.41353
mean_APexc_mean	11.714	12.051	0.97202	0.33199
cond_char_0.5:mean_APexc_mean	-24.858	24.913	-0.99782	0.31934
cond_char_0.75:mean_APexc_mean	-12.045	33.122	-0.36367	0.71642
cond_char_1.0:mean_APexc_mean	28.341	32.43	0.87391	0.38301

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 2.06

R-squared: 0.017, Adjusted R-Squared: -0.0107

F-statistic vs. constant model: 0.613, p-value = 0.745

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	9.5336	3	3.1779	0.75157	0.52235
mean_APexc_mean	2.5011	1	2.5011	0.59152	0.44256
cond_char:mean_APexc_mean	9.4565	3	3.1522	0.7455	0.52588
Error	1048.6	248	4.2283		
Total	1066.8	255			

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)	1.2367	0.4544	2.7215	0.0069584
cond_char_0.5	0.51773	0.77824	0.66525	0.50651
cond_char_0.75	1.038	0.8768	1.1839	0.2376
cond_char_1.0	1.1176	0.81131	1.3775	0.16959
mean_APexc_mean	11.501	7.0561	1.63	0.10437
cond_char_0.5:mean_APexc_mean	-6.819	14.587	-0.46748	0.64057
cond_char_0.75:mean_APexc_mean	-18.243	19.393	-0.94069	0.34778
cond_char_1.0:mean_APexc_mean	-24.689	18.989	-1.3002	0.19475

Number of observations: 256, Error degrees of freedom: 248

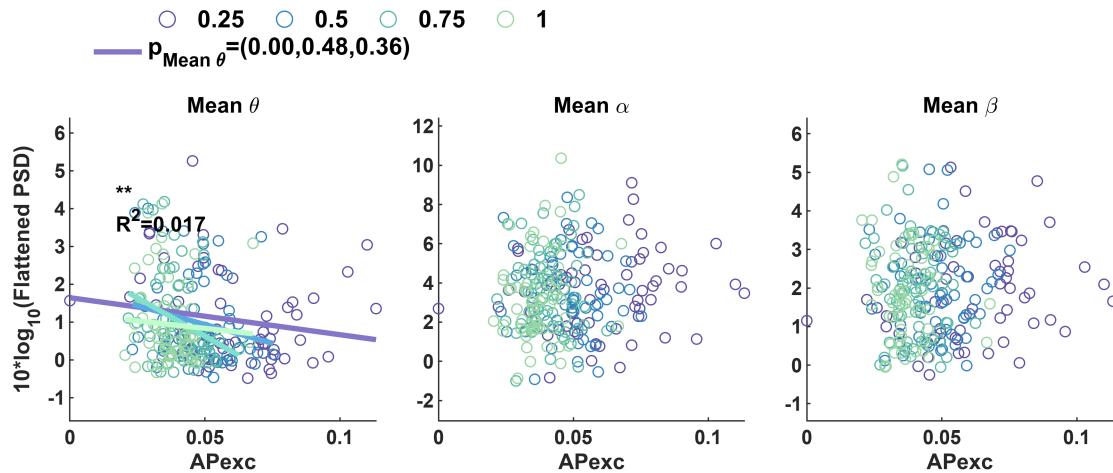
Root Mean Squared Error: 1.2

R-squared: 0.0158, Adjusted R-Squared: -0.012

F-statistic vs. constant model: 0.567, p-value = 0.782

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.7262	3	1.2421	0.85683	0.46412
mean_APexc_mean	0.023923	1	0.023923	0.016503	0.89788
cond_char:mean_APexc_mean	3.3349	3	1.1116	0.76686	0.51356
Error	359.5	248	1.4496		
Total	365.26	255			

CL3: Cuneus_R



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)	0.9683	0.3406	2.8429	0.0048426
cond_char_0.5	-0.34241	0.58029	-0.59007	0.55568
cond_char_0.75	0.19653	0.65947	0.29801	0.76594
cond_char_1.0	-0.231	0.63075	-0.36622	0.71451
mean_MLexc_COV	0.0067164	0.025868	0.25964	0.79536
cond_char_0.5:mean_MLexc_COV	0.021425	0.044513	0.48131	0.63072
cond_char_0.75:mean_MLexc_COV	-0.017966	0.046403	-0.38717	0.69896
cond_char_1.0:mean_MLexc_COV	0.0049703	0.039752	0.12503	0.9006

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 1.15

R-squared: 0.00499, Adjusted R-Squared: -0.0231

F-statistic vs. constant model: 0.178, p-value = 0.99

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.90095	3	0.30032	0.2288	0.8763
mean_MLexc_COV	0.37359	1	0.37359	0.28463	0.59416
cond_char:mean_MLexc_COV	0.74967	3	0.24989	0.19038	0.90289
Error	325.52	248	1.3126		
Total	327.15	255			

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)	4.1351	0.61379	6.7371	1.121e-10
cond_char_0.5	-0.34646	1.0457	-0.33131	0.74069
cond_char_0.75	-0.90755	1.1884	-0.76366	0.4458
cond_char_1.0	-0.91978	1.1367	-0.80919	0.41918
mean_MLexc_COV	-0.039364	0.046617	-0.84442	0.39925

<code>cond_char_0.5:mean_MLexc_COV</code>	0.010957	0.080216	0.1366	0.89146
<code>cond_char_0.75:mean_MLexc_COV</code>	0.066177	0.083622	0.79139	0.42948
<code>cond_char_1.0:mean_MLexc_COV</code>	0.044747	0.071637	0.62464	0.53278

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 2.06

R-squared: 0.00904, Adjusted R-Squared: -0.0189

F-statistic vs. constant model: 0.323, p-value = 0.943

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.1416	3	1.3805	0.32387	0.80811
<code>mean_MLexc_COV</code>	0.37954	1	0.37954	0.089042	0.76565
<code>cond_char:mean_MLexc_COV</code>	3.4839	3	1.1613	0.27245	0.84524
<code>Error</code>	1057.1	248	4.2625		
<code>Total</code>	1066.8	255			

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)	2.2673	0.35817	6.3301	1.1397e-09
<code>cond_char_0.5</code>	0.22957	0.61023	0.37621	0.70709
<code>cond_char_0.75</code>	0.09967	0.6935	0.14372	0.88584
<code>cond_char_1.0</code>	-0.021342	0.6633	-0.032175	0.97436
<code>mean_MLexc_COV</code>	-0.027767	0.027203	-1.0207	0.30838
<code>cond_char_0.5:mean_MLexc_COV</code>	-0.014118	0.04681	-0.30161	0.7632
<code>cond_char_0.75:mean_MLexc_COV</code>	0.0019266	0.048797	0.039483	0.96854
<code>cond_char_1.0:mean_MLexc_COV</code>	0.0052329	0.041803	0.12518	0.90048

Number of observations: 256, Error degrees of freedom: 248

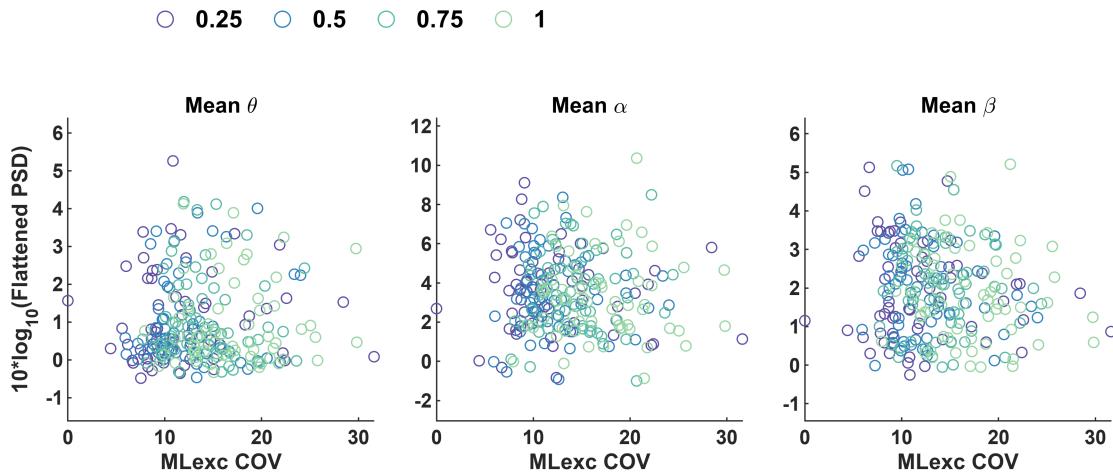
Root Mean Squared Error: 1.2

R-squared: 0.0145, Adjusted R-Squared: -0.0133

F-statistic vs. constant model: 0.52, p-value = 0.819

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.24852	3	0.082838	0.057071	0.98205
<code>mean_MLexc_COV</code>	4.1777	1	4.1777	2.8782	0.091041
<code>cond_char:mean_MLexc_COV</code>	0.23761	3	0.079202	0.054566	0.98318
<code>Error</code>	359.97	248	1.4515		
<code>Total</code>	365.26	255			

CL3: Cuneus_R



CL3) 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)	0.3797	0.47513	0.79915	0.42497
cond_char_0.5	-0.31922	0.70455	-0.45308	0.65089
cond_char_0.75	-0.23851	0.73282	-0.32547	0.7451
cond_char_1.0	-0.17102	0.76809	-0.22265	0.82399
mean_MLexc_mean	5.574	3.7818	1.4739	0.14178
cond_char_0.5:mean_MLexc_mean	4.1688	6.5471	0.63674	0.52488
cond_char_0.75:mean_MLexc_mean	6.75	8.5781	0.78689	0.4321
cond_char_1.0:mean_MLexc_mean	7.4216	11.157	0.66518	0.50656

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 1.13

R-squared: 0.0385, Adjusted R-Squared: 0.0114

F-statistic vs. constant model: 1.42, p-value = 0.198

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.2858	3	0.095267	0.075113	0.97334
mean_MLexc_mean	9.8637	1	9.8637	7.7771	0.0057017
cond_char:mean_MLexc_mean	1.3432	3	0.44772	0.35301	0.78701
Error	314.54	248	1.2683		
Total	327.15	255			

CL3) 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)	3.2746	0.87167	3.7567	0.00021466
cond_char_0.5	-0.014265	1.2926	-0.011036	0.9912
cond_char_0.75	0.18436	1.3444	0.13713	0.89104
cond_char_1.0	-0.66093	1.4091	-0.46903	0.63946
mean_MLexc_mean	3.2528	6.9381	0.46883	0.63961

<code>cond_char_0.5:mean_MLexc_mean</code>	-1.3587	12.011	-0.11312	0.91002
<code>cond_char_0.75:mean_MLexc_mean</code>	-1.1299	15.737	-0.071795	0.94282
<code>cond_char_1.0:mean_MLexc_mean</code>	9.1406	20.469	0.44655	0.65559

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 2.07

R-squared: 0.00758, Adjusted R-Squared: -0.0204

F-statistic vs. constant model: 0.271, p-value = 0.965

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.5142	3	0.50473	0.11824	0.94934
<code>mean_MLexc_mean</code>	2.3095	1	2.3095	0.54101	0.46271
<code>cond_char:mean_MLexc_mean</code>	1.0684	3	0.35614	0.083429	0.96902
<code>Error</code>	1058.7	248	4.2688		
<code>Total</code>	1066.8	255			

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)	2.0176	0.50913	3.9629	9.6864e-05
<code>cond_char_0.5</code>	0.37933	0.75497	0.50245	0.6158
<code>cond_char_0.75</code>	0.52482	0.78527	0.66833	0.50454
<code>cond_char_1.0</code>	0.41433	0.82306	0.5034	0.61513
<code>mean_MLexc_mean</code>	-0.68409	4.0525	-0.16881	0.86609
<code>cond_char_0.5:mean_MLexc_mean</code>	-3.7711	7.0156	-0.53753	0.59138
<code>cond_char_0.75:mean_MLexc_mean</code>	-7.0446	9.192	-0.76638	0.44418
<code>cond_char_1.0:mean_MLexc_mean</code>	-9.47	11.956	-0.79208	0.42907

Number of observations: 256, Error degrees of freedom: 248

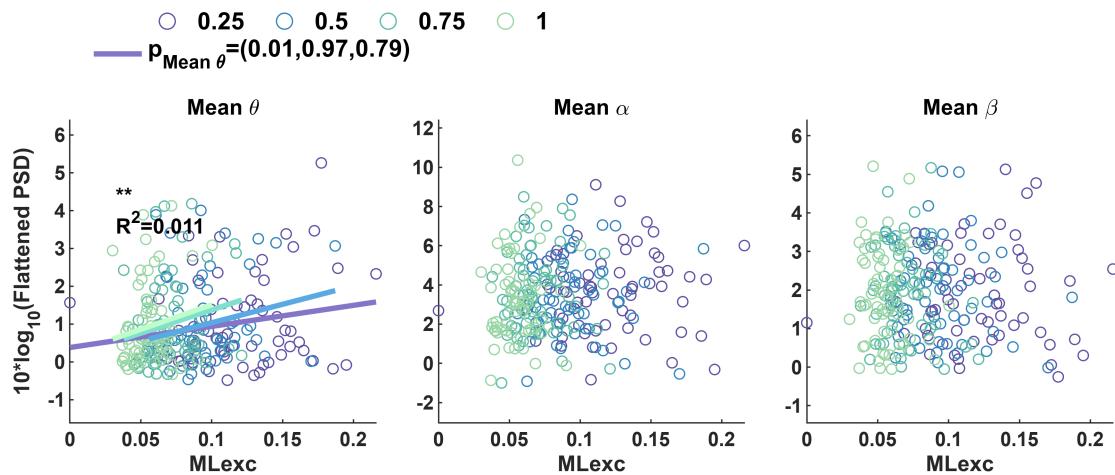
Root Mean Squared Error: 1.21

R-squared: 0.0112, Adjusted R-Squared: -0.0167

F-statistic vs. constant model: 0.401, p-value = 0.901

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.7866	3	0.2622	0.18004	0.90988
<code>mean_MLexc_mean</code>	3.1659	1	3.1659	2.1739	0.14164
<code>cond_char:mean_MLexc_mean</code>	1.6262	3	0.54206	0.37221	0.77313
<code>Error</code>	361.17	248	1.4563		
<code>Total</code>	365.26	255			

CL3: Cuneus_R



CL3) 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)	2.8677	0.60356	4.7513	3.425e-06
cond_char_0.5	0.16349	1.1178	0.14626	0.88384
cond_char_0.75	1.5823	1.457	1.0859	0.27856
cond_char_1.0	0.8334	1.7174	0.48527	0.62791
mean_StepDur	-1.5984	0.51649	-3.0947	0.0021959
cond_char_0.5:mean_StepDur	-0.99394	1.2814	-0.77566	0.43869
cond_char_0.75:mean_StepDur	-3.6592	2.0785	-1.7605	0.079554
cond_char_1.0:mean_StepDur	-3.1969	2.8251	-1.1316	0.25889

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 1.1

R-squared: 0.0904, Adjusted R-Squared: 0.0647

F-statistic vs. constant model: 3.52, p-value = 0.00128

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.5752	3	0.52507	0.43757	0.72631
mean_StepDur	18.155	1	18.155	15.129	0.000129
cond_char:mean_StepDur	5.3865	3	1.7955	1.4963	0.21609
Error	297.59	248	1.2		
Total	327.15	255			

CL3) 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)	2.1041	1.1217	1.8759	0.061848
cond_char_0.5	1.0066	2.0774	0.48454	0.62843
cond_char_0.75	-0.13196	2.7078	-0.048734	0.96117
cond_char_1.0	-5.8727	3.1916	-1.84	0.066958
mean_StepDur	1.3714	0.95984	1.4288	0.15433

cond_char_0.5:mean_StepDur	-0.95924	2.3814	-0.40281	0.68744
cond_char_0.75:mean_StepDur	1.1252	3.8627	0.29129	0.77107
cond_char_1.0:mean_StepDur	10.895	5.2501	2.0752	0.039

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 2.04

R-squared: 0.0365, Adjusted R-Squared: 0.00935

F-statistic vs. constant model: 1.34, p-value = 0.23

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	17.03	3	5.6767	1.3698	0.25255
mean_StepDur	24.5	1	24.5	5.9118	0.015749
cond_char:mean_StepDur	19.398	3	6.466	1.5602	0.1996
Error	1027.8	248	4.1442		
Total	1066.8	255			

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)	0.52034	0.66074	0.78751	0.43174
cond_char_0.5	0.87955	1.2237	0.71875	0.47297
cond_char_0.75	1.7235	1.5951	1.0805	0.28097
cond_char_1.0	0.35328	1.8801	0.1879	0.85111
mean_StepDur	1.2435	0.56542	2.1992	0.028786
cond_char_0.5:mean_StepDur	-0.5133	1.4028	-0.36591	0.71474
cond_char_0.75:mean_StepDur	-1.6148	2.2754	-0.70967	0.47858
cond_char_1.0:mean_StepDur	0.47407	3.0927	0.15329	0.8783

Number of observations: 256, Error degrees of freedom: 248

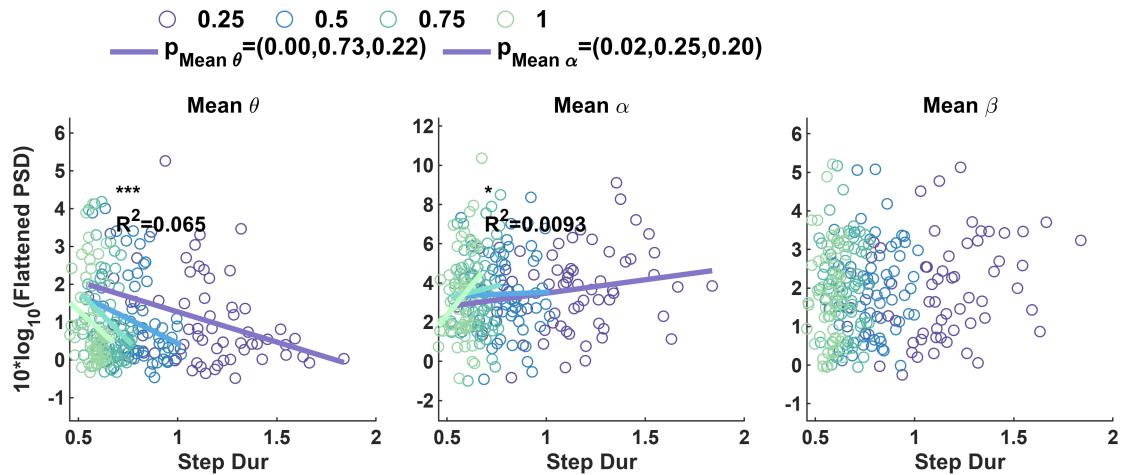
Root Mean Squared Error: 1.2

R-squared: 0.0236, Adjusted R-Squared: -0.00397

F-statistic vs. constant model: 0.856, p-value = 0.542

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.027	3	0.67566	0.46984	0.70358
mean_StepDur	0.98627	1	0.98627	0.68583	0.40838
cond_char:mean_StepDur	0.91204	3	0.30401	0.2114	0.88845
Error	356.64	248	1.4381		
Total	365.26	255			

CL3: Cuneus_R



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)	0.53062	0.54348	0.97634	0.32985
cond_char_0.5	-1.1697	0.93411	-1.2523	0.21166
cond_char_0.75	-0.2394	0.78564	-0.30471	0.76084
cond_char_1.0	0.013707	0.76343	0.017954	0.98569
mean_UDexc_COV	0.026404	0.026755	0.98688	0.32466
cond_char_0.5:mean_UDexc_COV	0.087816	0.059257	1.4819	0.13962
cond_char_0.75:mean_UDexc_COV	0.04192	0.05899	0.71064	0.47798
cond_char_1.0:mean_UDexc_COV	0.021198	0.068431	0.30977	0.757

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 1.13

R-squared: 0.0322, Adjusted R-Squared: 0.00487

F-statistic vs. constant model: 1.18, p-value = 0.316

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.446	3	0.81535	0.63864	0.59078
mean_UDexc_COV	8.2042	1	8.2042	6.4262	0.011861
cond_char:mean_UDexc_COV	3.0249	3	1.0083	0.78978	0.50059
Error	316.62	248	1.2767		
Total	327.15	255			

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)	4.1772	0.98736	4.2307	3.2809e-05
cond_char_0.5	-1.3713	1.697	-0.80805	0.41983
cond_char_0.75	-0.54953	1.4273	-0.38501	0.70056
cond_char_1.0	0.87048	1.387	0.62761	0.53084
mean_UDexc_COV	-0.02612	0.048608	-0.53736	0.5915

cond_char_0.5:mean_UDexc_COV	0.070875	0.10766	0.65835	0.51092
cond_char_0.75:mean_UDexc_COV	0.024216	0.10717	0.22596	0.82142
cond_char_1.0:mean_UDexc_COV	-0.18591	0.12432	-1.4954	0.13609

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 2.05

R-squared: 0.0204, Adjusted R-Squared: -0.00729

F-statistic vs. constant model: 0.736, p-value = 0.641

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	8.601	3	2.867	0.68038	0.56479
mean_UDexc_COV	4.7542	1	4.7542	1.1282	0.28919
cond_char:mean_UDexc_COV	13.6	3	4.5335	1.0759	0.35991
Error	1045	248	4.2138		
Total	1066.8	255			

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
(Intercept)	2.4167	0.57262	4.2204	3.4236e-05
cond_char_0.5	0.43178	0.9842	0.43871	0.66126
cond_char_0.75	0.24977	0.82777	0.30173	0.76311
cond_char_1.0	0.77401	0.80437	0.96225	0.33686
mean_UDexc_COV	-0.024529	0.02819	-0.87015	0.38506
cond_char_0.5:mean_UDexc_COV	-0.037022	0.062435	-0.59296	0.55375
cond_char_0.75:mean_UDexc_COV	-0.039186	0.062153	-0.63048	0.52896
cond_char_1.0:mean_UDexc_COV	-0.13699	0.072101	-1.9	0.058588

Number of observations: 256, Error degrees of freedom: 248

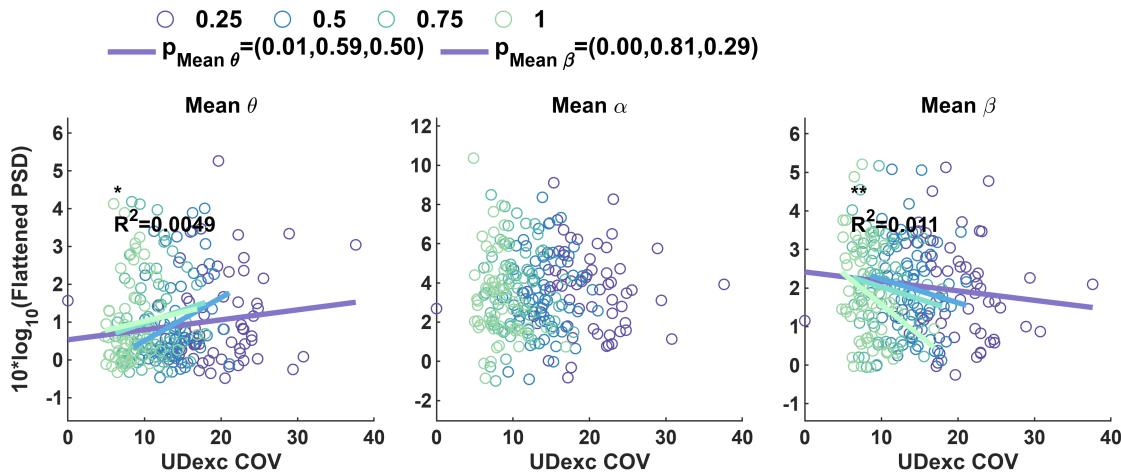
Root Mean Squared Error: 1.19

R-squared: 0.0377, Adjusted R-Squared: 0.0105

F-statistic vs. constant model: 1.39, p-value = 0.211

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.381	3	0.46034	0.3248	0.80743
mean_UDexc_COV	12.081	1	12.081	8.524	0.0038274
cond_char:mean_UDexc_COV	5.3062	3	1.7687	1.248	0.29292
Error	351.49	248	1.4173		
Total	365.26	255			

CL3: Cuneus_R



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)	0.69359	0.4681	1.4817	0.13968
cond_char_0.5	-0.24385	0.78657	-0.31002	0.7568
cond_char_0.75	0.30802	0.87415	0.35237	0.72486
cond_char_1.0	-0.59437	0.90444	-0.65717	0.51168
mean_UDexc_mean	25.184	31.63	0.79619	0.42668
cond_char_0.5:mean_UDexc_mean	1.6737	44.694	0.037447	0.97016
cond_char_0.75:mean_UDexc_mean	-25.044	41.786	-0.59933	0.5495
cond_char_1.0:mean_UDexc_mean	-0.9285	38.567	-0.024075	0.98081

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 1.14

R-squared: 0.0116, Adjusted R-Squared: -0.0163

F-statistic vs. constant model: 0.415, p-value = 0.893

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.0574	3	0.35245	0.27031	0.84678
mean_UDexc_mean	2.3583	1	2.3583	1.8087	0.17989
cond_char:mean_UDexc_mean	0.82647	3	0.27549	0.21129	0.88853
Error	323.36	248	1.3039		
Total	327.15	255			

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)	3.1553	0.84193	3.7476	0.0002221
cond_char_0.5	0.43334	1.4148	0.3063	0.75963
cond_char_0.75	0.64182	1.5723	0.40821	0.68347
cond_char_1.0	-2.3105	1.6268	-1.4203	0.15677
mean_UDexc_mean	36.158	56.891	0.63557	0.52564

<code>cond_char_0.5:mean_UDexc_mean</code>	-43.891	80.389	-0.54599	0.58557
<code>cond_char_0.75:mean_UDexc_mean</code>	-43.294	75.159	-0.57604	0.56511
<code>cond_char_1.0:mean_UDexc_mean</code>	35.265	69.368	0.50837	0.61164

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 2.05

R-squared: 0.0194, Adjusted R-Squared: -0.00832

F-statistic vs. constant model: 0.699, p-value = 0.673

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	12.907	3	4.3022	1.0199	0.38441
<code>mean_UDexc_mean</code>	3.4696	1	3.4696	0.82255	0.36532
<code>cond_char:mean_UDexc_mean</code>	8.9139	3	2.9713	0.70441	0.55019
<code>Error</code>	1046.1	248	4.2181		
<code>Total</code>	1066.8	255			

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)	2.463	0.48901	5.0367	9.123e-07
<code>cond_char_0.5</code>	0.68494	0.82172	0.83355	0.40533
<code>cond_char_0.75</code>	0.87345	0.91321	0.95646	0.33977
<code>cond_char_1.0</code>	-0.040457	0.94485	-0.042818	0.96588
<code>mean_UDexc_mean</code>	-37.423	33.043	-1.1326	0.2585
<code>cond_char_0.5:mean_UDexc_mean</code>	-22.495	46.691	-0.48178	0.63039
<code>cond_char_0.75:mean_UDexc_mean</code>	-12.94	43.654	-0.29642	0.76715
<code>cond_char_1.0:mean_UDexc_mean</code>	21.226	40.291	0.52683	0.59878

Number of observations: 256, Error degrees of freedom: 248

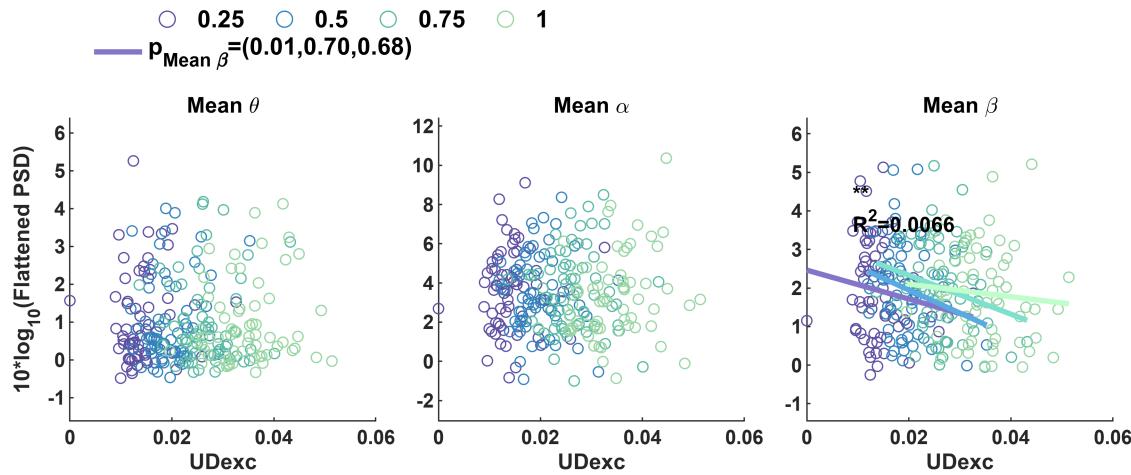
Root Mean Squared Error: 1.19

R-squared: 0.0338, Adjusted R-Squared: 0.00655

F-statistic vs. constant model: 1.24, p-value = 0.281

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.0574	3	0.6858	0.48194	0.69513
<code>mean_UDexc_mean</code>	10.844	1	10.844	7.6203	0.0062027
<code>cond_char:mean_UDexc_mean</code>	2.1576	3	0.7192	0.50541	0.67889
<code>Error</code>	352.9	248	1.423		
<code>Total</code>	365.26	255			

CL3: Cuneus_R



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)	2.6582	0.58149	4.5713	7.6515e-06
cond_char_0.5	0.21256	1.0961	0.19393	0.84639
cond_char_0.75	1.3314	1.4881	0.89471	0.37181
cond_char_1.0	0.51132	1.7969	0.28456	0.77622
mean_StanceDur	-0.9652	0.33868	-2.8499	0.0047408
cond_char_0.5:mean_StanceDur	-0.82433	0.93041	-0.88598	0.37649
cond_char_0.75:mean_StanceDur	-2.5956	1.6609	-1.5627	0.11939
cond_char_1.0:mean_StanceDur	-2.134	2.3748	-0.8986	0.36974

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 1.11

R-squared: 0.0721, Adjusted R-Squared: 0.046

F-statistic vs. constant model: 2.75, p-value = 0.00899

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.0167	3	0.33891	0.27689	0.84205
mean_StanceDur	12.008	1	12.008	9.811	0.001943
cond_char:mean_StanceDur	4.5338	3	1.5113	1.2347	0.29765
Error	303.55	248	1.224		
Total	327.15	255			

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)	1.9208	1.0605	1.8111	0.071328
cond_char_0.5	0.99017	1.999	0.49532	0.62081
cond_char_0.75	-0.90735	2.714	-0.33432	0.73842
cond_char_1.0	-7.7287	3.2772	-2.3583	0.019134
mean_StanceDur	1.0458	0.61769	1.6931	0.09169

<code>cond_char_0.5:mean_StanceDur</code>	-0.54889	1.6969	-0.32346	0.74662
<code>cond_char_0.75:mean_StanceDur</code>	2.0498	3.0293	0.67665	0.49926
<code>cond_char_1.0:mean_StanceDur</code>	11.597	4.3312	2.6775	0.0079122

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 2.02

R-squared: 0.0535, Adjusted R-Squared: 0.0268

F-statistic vs. constant model: 2, p-value = 0.0555

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	26.23	3	8.7433	2.1475	0.094808
<code>mean_StanceDur</code>	40.458	1	40.458	9.9371	0.0018191
<code>cond_char:mean_StanceDur</code>	31.7	3	10.567	2.5954	0.053068
<code>Error</code>	1009.7	248	4.0714		
<code>Total</code>	1066.8	255			

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)	0.44204	0.62892	0.70286	0.4828
<code>cond_char_0.5</code>	0.89536	1.1855	0.75528	0.4508
<code>cond_char_0.75</code>	1.9332	1.6094	1.2011	0.23084
<code>cond_char_1.0</code>	0.68491	1.9434	0.35243	0.72482
<code>mean_StanceDur</code>	0.89556	0.3663	2.4449	0.015187
<code>cond_char_0.5:mean_StanceDur</code>	-0.28995	1.0063	-0.28814	0.77348
<code>cond_char_0.75:mean_StanceDur</code>	-1.3426	1.7964	-0.74739	0.45553
<code>cond_char_1.0:mean_StanceDur</code>	0.12718	2.5684	0.049518	0.96055

Number of observations: 256, Error degrees of freedom: 248

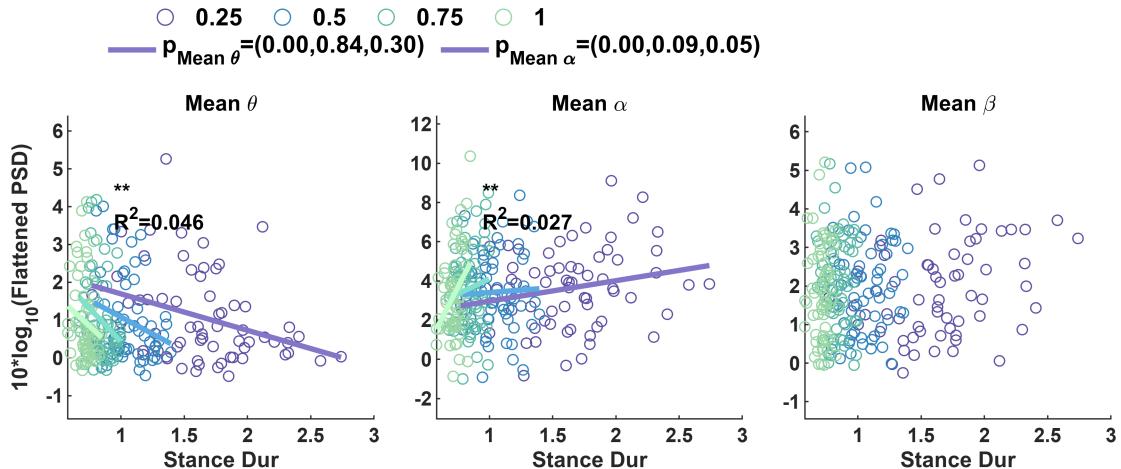
Root Mean Squared Error: 1.2

R-squared: 0.0279, Adjusted R-Squared: 0.000422

F-statistic vs. constant model: 1.02, p-value = 0.421

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.4719	3	0.82396	0.57548	0.63163
<code>mean_StanceDur</code>	0.58437	1	0.58437	0.40814	0.5235
<code>cond_char:mean_StanceDur</code>	0.88759	3	0.29586	0.20664	0.89175
<code>Error</code>	355.08	248	1.4318		
<code>Total</code>	365.26	255			

CL3: Cuneus_R



CL3) 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)	2.8634	0.60338	4.7455	3.5154e-06
cond_char_0.5	0.15862	1.1161	0.14213	0.8871
cond_char_0.75	1.5972	1.4599	1.0941	0.27498
cond_char_1.0	0.84497	1.7125	0.49341	0.62216
mean_GaitCycleDur	-0.79668	0.25796	-3.0883	0.0022417
cond_char_0.5:mean_GaitCycleDur	-0.49326	0.63926	-0.77162	0.44108
cond_char_0.75:mean_GaitCycleDur	-1.84	1.0415	-1.7667	0.078501
cond_char_1.0:mean_GaitCycleDur	-1.6066	1.4077	-1.1413	0.25484

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 1.1

R-squared: 0.0903, Adjusted R-Squared: 0.0646

F-statistic vs. constant model: 3.52, p-value = 0.00128

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.605	3	0.535	0.44582	0.72047
mean_GaitCycleDur	18.238	1	18.238	15.198	0.00012468
cond_char:mean_GaitCycleDur	5.4307	3	1.8102	1.5085	0.21286
Error	297.61	248	1.2		
Total	327.15	255			

CL3) 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)	2.122	1.1212	1.8926	0.059576
cond_char_0.5	0.98669	2.0739	0.47577	0.63466
cond_char_0.75	-0.16739	2.7128	-0.061705	0.95085
cond_char_1.0	-5.9092	3.1822	-1.8569	0.064505
mean_GaitCycleDur	0.67728	0.47935	1.4129	0.15893

<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.47006	1.1879	-0.39571	0.69266
<code>cond_char_0.75:mean_GaitCycleDur</code>	0.58421	1.9353	0.30188	0.763
<code>cond_char_1.0:mean_GaitCycleDur</code>	5.4704	2.6159	2.0913	0.037523

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 2.04

R-squared: 0.0367, Adjusted R-Squared: 0.00947

F-statistic vs. constant model: 1.35, p-value = 0.228

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	17.254	3	5.7514	1.388	0.24698
<code>mean_GaitCycleDur</code>	24.701	1	24.701	5.9609	0.015326
<code>cond_char:mean_GaitCycleDur</code>	19.668	3	6.5561	1.5822	0.19421
<code>Error</code>	1027.6	248	4.1437		
<code>Total</code>	1066.8	255			

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)	0.52743	0.66058	0.79844	0.42538
<code>cond_char_0.5</code>	0.86966	1.2218	0.71176	0.47728
<code>cond_char_0.75</code>	1.7147	1.5982	1.0728	0.28439
<code>cond_char_1.0</code>	0.35142	1.8748	0.18744	0.85147
<code>mean_GaitCycleDur</code>	0.61813	0.28241	2.1888	0.029548
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.25142	0.69985	-0.35925	0.71972
<code>cond_char_0.75:mean_GaitCycleDur</code>	-0.80247	1.1402	-0.70381	0.48221
<code>cond_char_1.0:mean_GaitCycleDur</code>	0.23588	1.5412	0.15305	0.87848

Number of observations: 256, Error degrees of freedom: 248

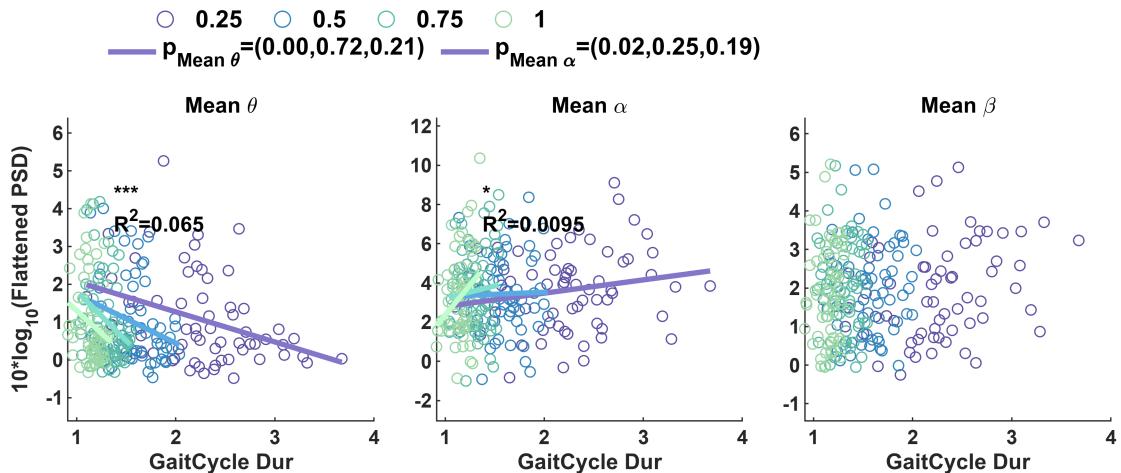
Root Mean Squared Error: 1.2

R-squared: 0.0234, Adjusted R-Squared: -0.00414

F-statistic vs. constant model: 0.85, p-value = 0.547

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.9962	3	0.66539	0.46262	0.70864
<code>mean_GaitCycleDur</code>	0.98301	1	0.98301	0.68345	0.4092
<code>cond_char:mean_GaitCycleDur</code>	0.89475	3	0.29825	0.20736	0.89125
<code>Error</code>	356.7	248	1.4383		
<code>Total</code>	365.26	255			

CL3: Cuneus_R



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)	0.82474	0.52297	1.577	0.11606
cond_char_0.5	-0.68306	0.88373	-0.77292	0.44031
cond_char_0.75	0.0167	0.96741	0.017263	0.98624
cond_char_1.0	-0.81691	1.014	-0.80561	0.42124
mean_PeakUpDownVel_mean	2.0203	4.542	0.4448	0.65685
cond_char_0.5:mean_PeakUpDownVel_mean	2.2695	5.7953	0.39161	0.69568
cond_char_0.75:mean_PeakUpDownVel_mean	-1.4449	5.3426	-0.27045	0.78704
cond_char_1.0:mean_PeakUpDownVel_mean	0.34486	5.0404	0.068419	0.94551

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 1.14

R-squared: 0.0126, Adjusted R-Squared: -0.0152

F-statistic vs. constant model: 0.453, p-value = 0.868

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.4607	3	0.48691	0.37383	0.77196
mean_PeakUpDownVel_mean	2.4085	1	2.4085	1.8491	0.17512
cond_char:mean_PeakUpDownVel_mean	0.88196	3	0.29399	0.22571	0.87847
Error	323.02	248	1.3025		
Total	327.15	255			

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)	4.1169	0.94474	4.3577	1.926e-05
cond_char_0.5	-0.21097	1.5965	-0.13215	0.89497
cond_char_0.75	-0.098317	1.7476	-0.056258	0.95518
cond_char_1.0	-2.5716	1.8318	-1.4039	0.16161
mean_PeakUpDownVel_mean	-4.0806	8.205	-0.49733	0.6194

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	1.6663	10.469	0.15916	0.87367
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	2.6383	9.6514	0.27335	0.78481
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	8.5722	9.1055	0.94143	0.3474

Number of observations: 256, Error degrees of freedom: 248

Root Mean Squared Error: 2.06

R-squared: 0.0118, Adjusted R-Squared: -0.0161

F-statistic vs. constant model: 0.424, p-value = 0.887

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	9.1181	3	3.0394	0.71505	0.54382
<code>mean_PeakUpDownVel_mean</code>	0.33414	1	0.33414	0.078611	0.77942
<code>cond_char:mean_PeakUpDownVel_mean</code>	7.0863	3	2.3621	0.55571	0.64477
<code>Error</code>	1054.1	248	4.2506		
<code>Total</code>	1066.8	255			

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)	2.7961	0.5461	5.1202	6.1294e-07
<code>cond_char_0.5</code>	0.68091	0.92281	0.73786	0.4613
<code>cond_char_0.75</code>	0.32242	1.0102	0.31917	0.74987
<code>cond_char_1.0</code>	-0.8963	1.0589	-0.84648	0.3981
<code>mean_PeakUpDownVel_mean</code>	-7.7684	4.7428	-1.6379	0.1027
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	0.045347	6.0516	0.0074934	0.99403
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	3.8432	5.5789	0.68888	0.49154
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	7.6778	5.2633	1.4587	0.1459

Number of observations: 256, Error degrees of freedom: 248

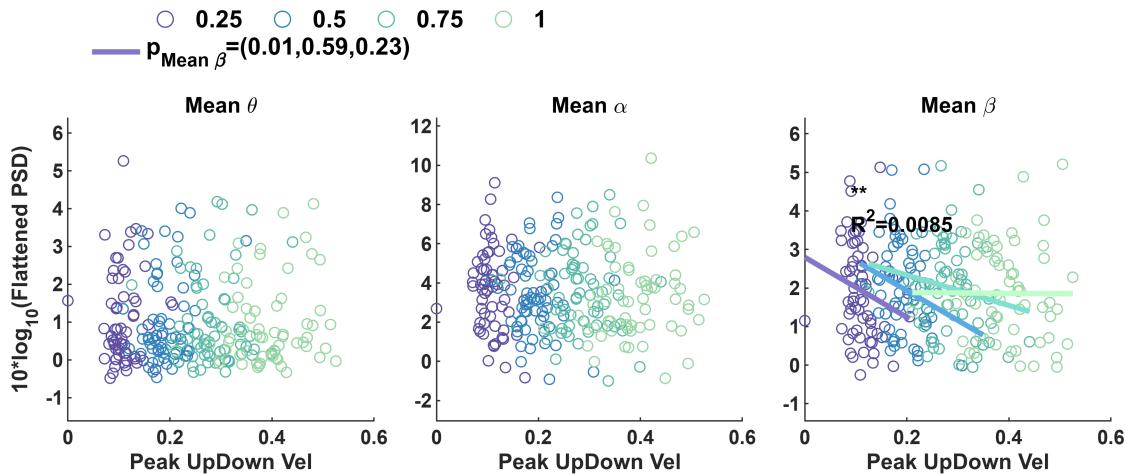
Root Mean Squared Error: 1.19

R-squared: 0.0357, Adjusted R-Squared: 0.00848

F-statistic vs. constant model: 1.31, p-value = 0.245

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.7175	3	0.90583	0.63781	0.59131
<code>mean_PeakUpDownVel_mean</code>	10.71	1	10.71	7.5413	0.0064717
<code>cond_char:mean_PeakUpDownVel_mean</code>	6.0971	3	2.0324	1.431	0.23425
<code>Error</code>	352.22	248	1.4202		
<code>Total</code>	365.26	255			

CL3: Cuneus_R



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)	1.3923	0.38478	3.6184	0.00037902
cond_char_0.5	0.31185	0.62224	0.50117	0.61682
cond_char_0.75	1.1101	0.63153	1.7577	0.080387
cond_char_1.0	0.59316	0.56116	1.057	0.29182
mean_APexc_COV	-0.024587	0.016035	-1.5333	0.12686
cond_char_0.5:mean_APexc_COV	-0.017124	0.02761	-0.62021	0.53585
cond_char_0.75:mean_APexc_COV	-0.04822	0.028928	-1.6669	0.097164
cond_char_1.0:mean_APexc_COV	-0.022519	0.02522	-0.89292	0.37302

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 0.947

R-squared: 0.108, Adjusted R-Squared: 0.0758

F-statistic vs. constant model: 3.33, p-value = 0.00227

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.9628	3	0.9876	1.1023	0.34941
mean_APexc_COV	18.052	1	18.052	20.149	1.2333e-05
cond_char:mean_APexc_COV	2.5849	3	0.86162	0.96171	0.41193
Error	172.02	192	0.89593		
Total	192.9	199			

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)	1.5388	0.67734	2.2718	0.024205
cond_char_0.5	-0.032413	1.0954	-0.029592	0.97642
cond_char_0.75	-1.3886	1.1117	-1.2491	0.21315
cond_char_1.0	-1.3898	0.98783	-1.4069	0.16108
mean_APexc_COV	-0.0016739	0.028228	-0.059299	0.95278

cond_char_0.5:mean_APexc_COV	-0.002399	0.048602	-0.049361	0.96068
cond_char_0.75:mean_APexc_COV	0.062654	0.050923	1.2304	0.22006
cond_char_1.0:mean_APexc_COV	0.063065	0.044396	1.4205	0.15708

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.67

R-squared: 0.0279, Adjusted R-Squared: -0.00757

F-statistic vs. constant model: 0.786, p-value = 0.6

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	8.8666	3	2.9555	1.0645	0.36534
mean_APexc_COV	7.0812	1	7.0812	2.5506	0.1119
cond_char:mean_APexc_COV	9.1095	3	3.0365	1.0937	0.35299
Error	533.05	192	2.7763		
Total	548.34	199			

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)	1.4851	0.51624	2.8768	0.0044719
cond_char_0.5	-0.8587	0.83484	-1.0286	0.30497
cond_char_0.75	-0.78788	0.84731	-0.92986	0.35361
cond_char_1.0	-0.45397	0.75288	-0.60298	0.54723
mean_APexc_COV	0.0085316	0.021514	0.39656	0.69213
cond_char_0.5:mean_APexc_COV	0.03956	0.037043	1.068	0.28688
cond_char_0.75:mean_APexc_COV	0.034337	0.038812	0.88471	0.37742
cond_char_1.0:mean_APexc_COV	0.015282	0.033837	0.45163	0.65204

Number of observations: 200, Error degrees of freedom: 192

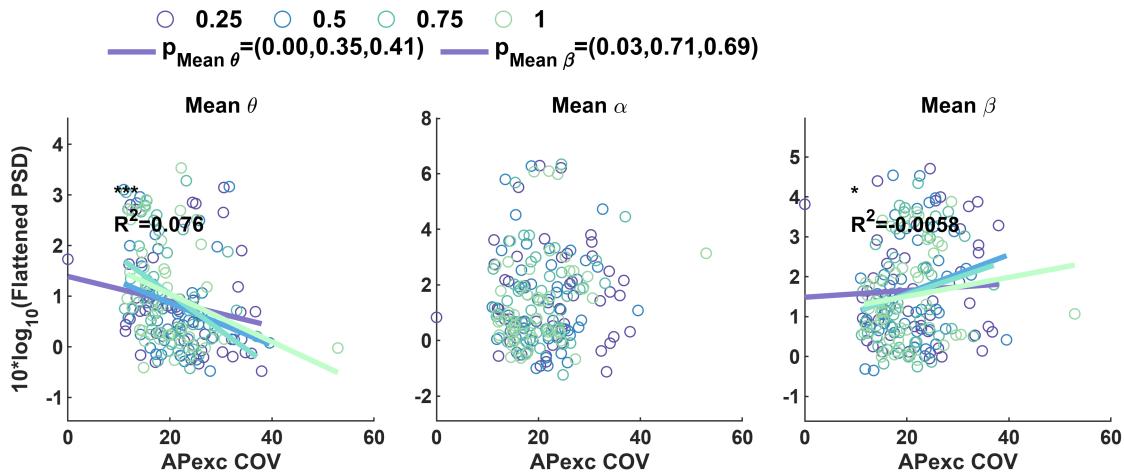
Root Mean Squared Error: 1.27

R-squared: 0.0296, Adjusted R-Squared: -0.0058

F-statistic vs. constant model: 0.836, p-value = 0.559

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.2591	3	0.75303	0.46692	0.7057
mean_APexc_COV	7.9157	1	7.9157	4.9082	0.027904
cond_char:mean_APexc_COV	2.3798	3	0.79328	0.49188	0.68832
Error	309.64	192	1.6127		
Total	319.08	199			

CL4: Precentral_L



CL4) 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)	0.29214	0.39005	0.74897	0.45479
cond_char_0.5	-0.50791	0.63565	-0.79904	0.42526
cond_char_0.75	-0.54832	0.73727	-0.74371	0.45796
cond_char_1.0	-0.34784	0.80168	-0.43389	0.66485
mean_APexc_mean	9.4399	6.3085	1.4964	0.13619
cond_char_0.5:mean_APexc_mean	11.958	11.716	1.0206	0.30872
cond_char_0.75:mean_APexc_mean	23.164	16.572	1.3978	0.16379
cond_char_1.0:mean_APexc_mean	21.168	20.012	1.0577	0.29151

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 0.962

R-squared: 0.0791, Adjusted R-Squared: 0.0455

F-statistic vs. constant model: 2.36, p-value = 0.0249

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.84563	3	0.28188	0.30466	0.822
mean_APexc_mean	11.168	1	11.168	12.07	0.00063314
cond_char:mean_APexc_mean	2.9105	3	0.97017	1.0486	0.37225
Error	177.64	192	0.92522		
Total	192.9	199			

CL4) 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)	0.99714	0.68008	1.4662	0.14422
cond_char_0.5	-0.2063	1.1083	-0.18614	0.85253
cond_char_0.75	0.78435	1.2855	0.61016	0.54248
cond_char_1.0	-1.0551	1.3978	-0.75484	0.45127
mean_APexc_mean	8.6977	10.999	0.79076	0.43006

<code>cond_char_0.5:mean_APexc_mean</code>	4.1837	20.428	0.2048	0.83795
<code>cond_char_0.75:mean_APexc_mean</code>	-18.964	28.894	-0.65633	0.5124
<code>cond_char_1.0:mean_APexc_mean</code>	30.668	34.893	0.87892	0.38054

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.68

R-squared: 0.0151, Adjusted R-Squared: -0.0208

F-statistic vs. constant model: 0.422, p-value = 0.888

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.653	3	1.2177	0.43293	0.72966
<code>mean_APexc_mean</code>	3.2427	1	3.2427	1.1529	0.28429
<code>cond_char:mean_APexc_mean</code>	3.947	3	1.3157	0.46777	0.70511
<code>Error</code>	540.03	192	2.8127		
<code>Total</code>	548.34	199			

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)	1.8547	0.52017	3.5656	0.0004582
<code>cond_char_0.5</code>	-0.31155	0.8477	-0.36752	0.71364
<code>cond_char_0.75</code>	0.3173	0.98323	0.32271	0.74727
<code>cond_char_1.0</code>	0.38155	1.0691	0.35688	0.72157
<code>mean_APexc_mean</code>	-3.0664	8.413	-0.36448	0.7159
<code>cond_char_0.5:mean_APexc_mean</code>	4.8977	15.625	0.31345	0.75428
<code>cond_char_0.75:mean_APexc_mean</code>	-12.381	22.1	-0.56024	0.57597
<code>cond_char_1.0:mean_APexc_mean</code>	-17.197	26.689	-0.64435	0.52012

Number of observations: 200, Error degrees of freedom: 192

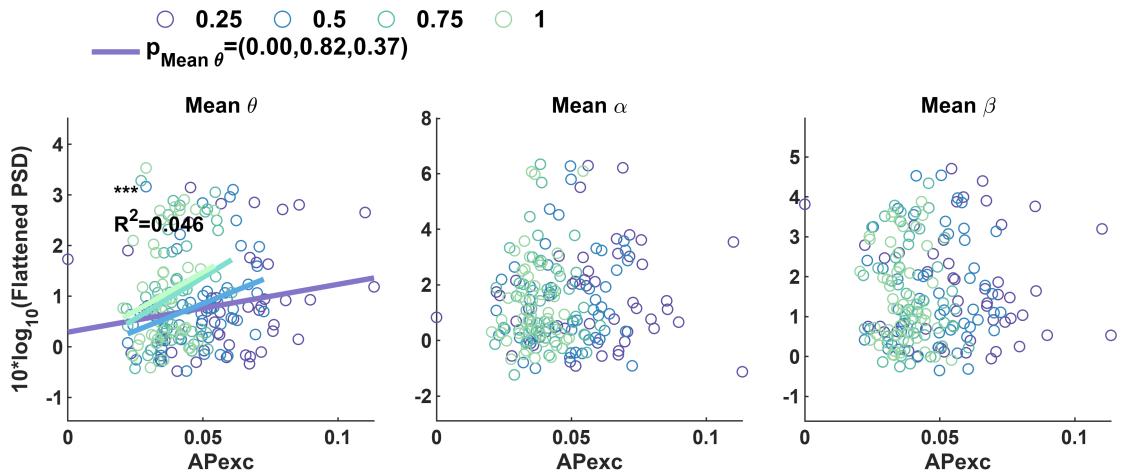
Root Mean Squared Error: 1.28

R-squared: 0.00986, Adjusted R-Squared: -0.0262

F-statistic vs. constant model: 0.273, p-value = 0.964

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.86148	3	0.28716	0.17451	0.91355
<code>mean_APexc_mean</code>	1.7234	1	1.7234	1.0474	0.3074
<code>cond_char:mean_APexc_mean</code>	1.5354	3	0.51179	0.31102	0.8174
<code>Error</code>	315.94	192	1.6455		
<code>Total</code>	319.08	199			

CL4: Precentral_L



CL4) 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)	0.90291	0.35973	2.5099	0.012902
cond_char_0.5	-1.0605	0.54457	-1.9474	0.052941
cond_char_0.75	-0.71852	0.64189	-1.1194	0.26438
cond_char_1.0	-0.27416	0.68001	-0.40317	0.68727
mean_MLexc_COV	-0.0053887	0.028104	-0.19174	0.84815
cond_char_0.5:mean_MLexc_COV	0.081437	0.040825	1.9948	0.047481
cond_char_0.75:mean_MLexc_COV	0.064613	0.045214	1.429	0.15462
cond_char_1.0:mean_MLexc_COV	0.029319	0.04238	0.6918	0.4899

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 0.972

R-squared: 0.0606, Adjusted R-Squared: 0.0263

F-statistic vs. constant model: 1.77, p-value = 0.0955

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.8934	3	1.2978	1.375	0.2517
mean_MLexc_COV	5.6856	1	5.6856	6.024	0.015004
cond_char:mean_MLexc_COV	4.3158	3	1.4386	1.5242	0.20956
Error	181.21	192	0.94383		
Total	192.9	199			

CL4) 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)	2.2874	0.62006	3.689	0.00029309
cond_char_0.5	-0.51207	0.93866	-0.54553	0.58602
cond_char_0.75	-0.26597	1.1064	-0.24039	0.81028
cond_char_1.0	-1.6887	1.1721	-1.4407	0.1513
mean_MLexc_COV	-0.066464	0.048442	-1.372	0.17165

<code>cond_char_0.5:mean_MLexc_COV</code>	0.039226	0.070369	0.55744	0.57788
<code>cond_char_0.75:mean_MLexc_COV</code>	0.021699	0.077934	0.27843	0.78098
<code>cond_char_1.0:mean_MLexc_COV</code>	0.1099	0.073049	1.5044	0.13412

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.67

R-squared: 0.0181, Adjusted R-Squared: -0.0177

F-statistic vs. constant model: 0.506, p-value = 0.829

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.9603	3	1.9868	0.70851	0.54801
<code>mean_MLexc_COV</code>	2.1704	1	2.1704	0.77398	0.38009
<code>cond_char:mean_MLexc_COV</code>	6.7446	3	2.2482	0.80173	0.49429
<code>Error</code>	538.4	192	2.8042		
<code>Total</code>	548.34	199			

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)	2.1704	0.47481	4.5711	8.6738e-06
<code>cond_char_0.5</code>	-0.72792	0.71877	-1.0127	0.31246
<code>cond_char_0.75</code>	-0.47452	0.84723	-0.56009	0.57607
<code>cond_char_1.0</code>	-0.85583	0.89754	-0.95353	0.34152
<code>mean_MLexc_COV</code>	-0.041704	0.037094	-1.1243	0.26229
<code>cond_char_0.5:mean_MLexc_COV</code>	0.056341	0.053885	1.0456	0.29707
<code>cond_char_0.75:mean_MLexc_COV</code>	0.032087	0.059678	0.53767	0.59143
<code>cond_char_1.0:mean_MLexc_COV</code>	0.052383	0.055937	0.93646	0.35021

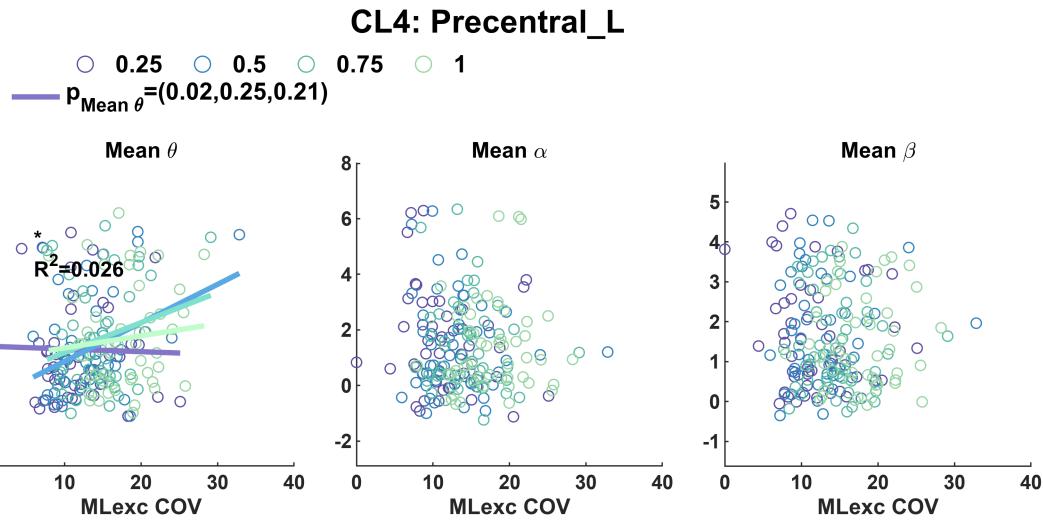
Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.28

R-squared: 0.0106, Adjusted R-Squared: -0.0255

F-statistic vs. constant model: 0.294, p-value = 0.956

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.3698	3	0.78993	0.48042	0.69628
<code>mean_MLexc_COV</code>	0.16255	1	0.16255	0.098859	0.75354
<code>cond_char:mean_MLexc_COV</code>	2.2382	3	0.74606	0.45374	0.71495
<code>Error</code>	315.7	192	1.6442		
<code>Total</code>	319.08	199			



CL4) 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)	0.73037	0.45954	1.5894	0.11362
cond_char_0.5	-0.06472	0.70936	-0.091238	0.9274
cond_char_0.75	0.24493	0.76567	0.31989	0.7494
cond_char_1.0	0.34909	0.80263	0.43493	0.6641
mean_MLexc_mean	0.93683	3.7668	0.2487	0.80386
cond_char_0.5:mean_MLexc_mean	0.85749	6.7919	0.12625	0.89966
cond_char_0.75:mean_MLexc_mean	0.046566	9.4288	0.0049387	0.99606
cond_char_1.0:mean_MLexc_mean	-1.4545	12.504	-0.11632	0.90752

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 0.996

R-squared: 0.0126, Adjusted R-Squared: -0.0234

F-statistic vs. constant model: 0.35, p-value = 0.93

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.33641	3	0.11214	0.11304	0.9524
mean_MLexc_mean	0.03855	1	0.03855	0.038858	0.84394
cond_char:mean_MLexc_mean	0.035216	3	0.011739	0.011833	0.99823
Error	190.47	192	0.99205		
Total	192.9	199			

CL4) 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)	0.32037	0.76785	0.41723	0.67698
cond_char_0.5	-0.24684	1.1853	-0.20825	0.83525
cond_char_0.75	0.18646	1.2794	0.14574	0.88428
cond_char_1.0	1.0839	1.3411	0.80819	0.41998
mean_MLexc_mean	10.168	6.2941	1.6155	0.10783

<code>cond_char_0.5:mean_MLexc_mean</code>	4.4307	11.349	0.39041	0.69666
<code>cond_char_0.75:mean_MLexc_mean</code>	2.384	15.755	0.15132	0.87989
<code>cond_char_1.0:mean_MLexc_mean</code>	-10.875	20.894	-0.52052	0.6033

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.66

R-squared: 0.0301, Adjusted R-Squared: -0.00522

F-statistic vs. constant model: 0.852, p-value = 0.545

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.6397	3	0.87989	0.31767	0.81259
<code>mean_MLexc_mean</code>	5.0564	1	5.0564	1.8255	0.17825
<code>cond_char:mean_MLexc_mean</code>	1.4386	3	0.47954	0.17313	0.91447
<code>Error</code>	531.81	192	2.7698		
<code>Total</code>	548.34	199			

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)	1.1685	0.58958	1.9819	0.048914
<code>cond_char_0.5</code>	-0.19741	0.9101	-0.21691	0.82851
<code>cond_char_0.75</code>	-0.33307	0.98235	-0.33905	0.73494
<code>cond_char_1.0</code>	0.0060179	1.0298	0.005844	0.99534
<code>mean_MLexc_mean</code>	4.3794	4.8328	0.90618	0.36598
<code>cond_char_0.5:mean_MLexc_mean</code>	2.789	8.714	0.32006	0.74927
<code>cond_char_0.75:mean_MLexc_mean</code>	6.0768	12.097	0.50234	0.61601
<code>cond_char_1.0:mean_MLexc_mean</code>	1.7181	16.043	0.1071	0.91482

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.28

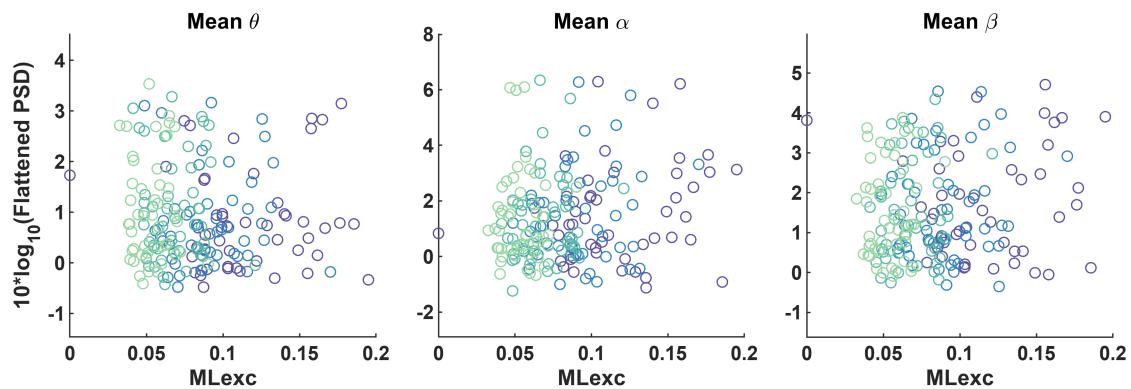
R-squared: 0.0174, Adjusted R-Squared: -0.0184

F-statistic vs. constant model: 0.486, p-value = 0.844

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.24441	3	0.08147	0.04989	0.98523
<code>mean_MLexc_mean</code>	2.9787	1	2.9787	1.8241	0.17842
<code>cond_char:mean_MLexc_mean</code>	0.48734	3	0.16245	0.099478	0.96022
<code>Error</code>	313.53	192	1.633		
<code>Total</code>	319.08	199			

CL4: Precentral_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL4) 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)	-0.38168	0.51335	-0.74349	0.45809
cond_char_0.5	-1.0965	0.9704	-1.1299	0.25991
cond_char_0.75	-1.9888	1.2397	-1.6043	0.11028
cond_char_1.0	-1.6807	1.4506	-1.1586	0.24804
mean_StepDur	1.0761	0.4374	2.4602	0.014772
cond_char_0.5:mean_StepDur	1.8005	1.103	1.6323	0.10425
cond_char_0.75:mean_StepDur	4.1516	1.7711	2.3441	0.020096
cond_char_1.0:mean_StepDur	4.3517	2.394	1.8177	0.070663

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 0.929

R-squared: 0.14, Adjusted R-Squared: 0.109

F-statistic vs. constant model: 4.48, p-value = 0.000123

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.3482	3	1.1161	1.2921	0.27839
mean_StepDur	18.999	1	18.999	21.995	5.1787e-06
cond_char:mean_StepDur	8.7321	3	2.9107	3.3698	0.019635
Error	165.84	192	0.86377		
Total	192.9	199			

CL4) 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)	0.94598	0.92841	1.0189	0.30952
cond_char_0.5	-0.98437	1.755	-0.5609	0.57552
cond_char_0.75	1.593	2.2419	0.71057	0.47822
cond_char_1.0	1.469	2.6234	0.55996	0.57616
mean_StepDur	0.48935	0.79105	0.61861	0.53691

<code>cond_char_0.5:mean_StepDur</code>	1.3286	1.9948	0.66604	0.50618
<code>cond_char_0.75:mean_StepDur</code>	-2.276	3.203	-0.71056	0.47822
<code>cond_char_1.0:mean_StepDur</code>	-2.3175	4.3296	-0.53528	0.59308

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.68

R-squared: 0.0108, Adjusted R-Squared: -0.0253

F-statistic vs. constant model: 0.299, p-value = 0.954

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.9218	3	1.3073	0.46272	0.70864
<code>mean_StepDur</code>	0.15221	1	0.15221	0.053876	0.8167
<code>cond_char:mean_StepDur</code>	3.8422	3	1.2807	0.45334	0.71523
<code>Error</code>	542.43	192	2.8252		
<code>Total</code>	548.34	199			

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)	2.6684	0.70037	3.81	0.00018698
<code>cond_char_0.5</code>	-0.17892	1.3239	-0.13514	0.89264
<code>cond_char_0.75</code>	0.90264	1.6913	0.53371	0.59416
<code>cond_char_1.0</code>	1.0363	1.979	0.52366	0.60112
<code>mean_StepDur</code>	-0.87382	0.59675	-1.4643	0.14474
<code>cond_char_0.5:mean_StepDur</code>	-0.19325	1.5048	-0.12842	0.89795
<code>cond_char_0.75:mean_StepDur</code>	-2.2114	2.4163	-0.9152	0.36123
<code>cond_char_1.0:mean_StepDur</code>	-2.9635	3.2661	-0.90735	0.36536

Number of observations: 200, Error degrees of freedom: 192

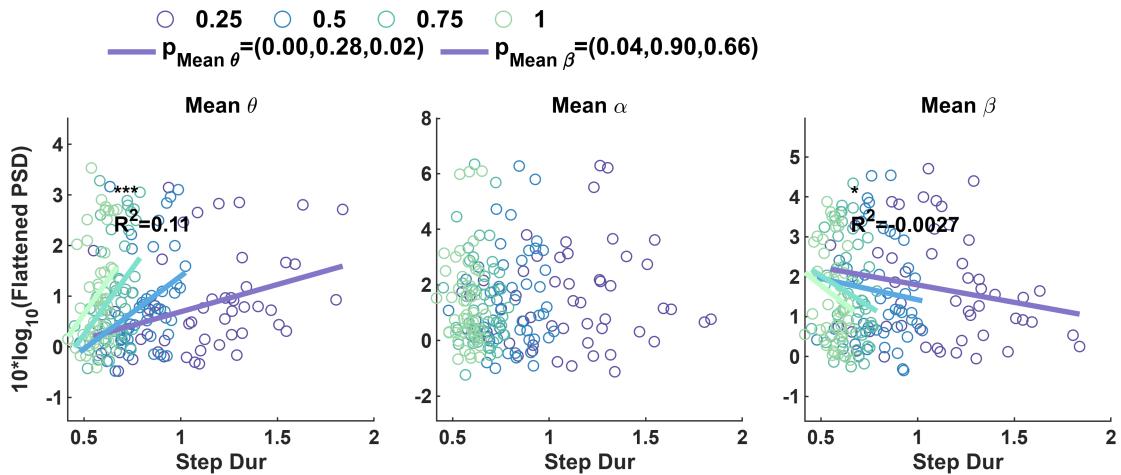
Root Mean Squared Error: 1.27

R-squared: 0.0326, Adjusted R-Squared: -0.00269

F-statistic vs. constant model: 0.924, p-value = 0.489

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.96446	3	0.32149	0.19996	0.89632
<code>mean_StepDur</code>	6.9943	1	6.9943	4.3504	0.038322
<code>cond_char:mean_StepDur</code>	2.5557	3	0.85189	0.52986	0.66231
<code>Error</code>	308.69	192	1.6077		
<code>Total</code>	319.08	199			

CL4: Precentral_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)	1.1618	0.52992	2.1924	0.029553
cond_char_0.5	0.18477	0.88322	0.2092	0.83451
cond_char_0.75	-0.025104	0.8127	-0.03089	0.97539
cond_char_1.0	0.52971	0.7165	0.7393	0.46063
mean_UDexc_COV	-0.016398	0.025978	-0.63122	0.52865
cond_char_0.5:mean_UDexc_COV	-0.02057	0.056071	-0.36686	0.71413
cond_char_0.75:mean_UDexc_COV	0.0075514	0.062395	0.12103	0.9038
cond_char_1.0:mean_UDexc_COV	-0.06075	0.061403	-0.98936	0.32373

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 0.989

R-squared: 0.0264, Adjusted R-Squared: -0.00912

F-statistic vs. constant model: 0.743, p-value = 0.636

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.72707	3	0.24236	0.24776	0.86287
mean_UDexc_COV	2.0087	1	2.0087	2.0535	0.15348
cond_char:mean_UDexc_COV	1.0967	3	0.36556	0.37371	0.77206
Error	187.81	192	0.9782		
Total	192.9	199			

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)	1.712	0.89931	1.9037	0.058443
cond_char_0.5	1.4576	1.4989	0.97243	0.33206
cond_char_0.75	-0.71512	1.3792	-0.5185	0.60471
cond_char_1.0	-0.45463	1.216	-0.37388	0.7089
mean_UDexc_COV	-0.010718	0.044087	-0.24311	0.80818

cond_char_0.5:mean_UDexc_COV	-0.11472	0.095157	-1.2056	0.22945
cond_char_0.75:mean_UDexc_COV	0.046212	0.10589	0.43642	0.66302
cond_char_1.0:mean_UDexc_COV	0.023826	0.10421	0.22865	0.81938

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.68

R-squared: 0.0135, Adjusted R-Squared: -0.0224

F-statistic vs. constant model: 0.376, p-value = 0.915

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	6.2833	3	2.0944	0.74343	0.52739
mean_UDexc_COV	0.79286	1	0.79286	0.28143	0.59638
cond_char:mean_UDexc_COV	5.8114	3	1.9371	0.68759	0.56064
Error	540.92	192	2.8173		
Total	548.34	199			

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)	2.2805	0.67608	3.3731	0.00089909
cond_char_0.5	0.84774	1.1268	0.75233	0.45278
cond_char_0.75	0.34565	1.0369	0.33336	0.73922
cond_char_1.0	0.088585	0.91412	0.096907	0.9229
mean_UDexc_COV	-0.030669	0.033143	-0.92534	0.35595
cond_char_0.5:mean_UDexc_COV	-0.076617	0.071536	-1.071	0.2855
cond_char_0.75:mean_UDexc_COV	-0.070454	0.079604	-0.88505	0.37724
cond_char_1.0:mean_UDexc_COV	-0.073706	0.078339	-0.94086	0.34796

Number of observations: 200, Error degrees of freedom: 192

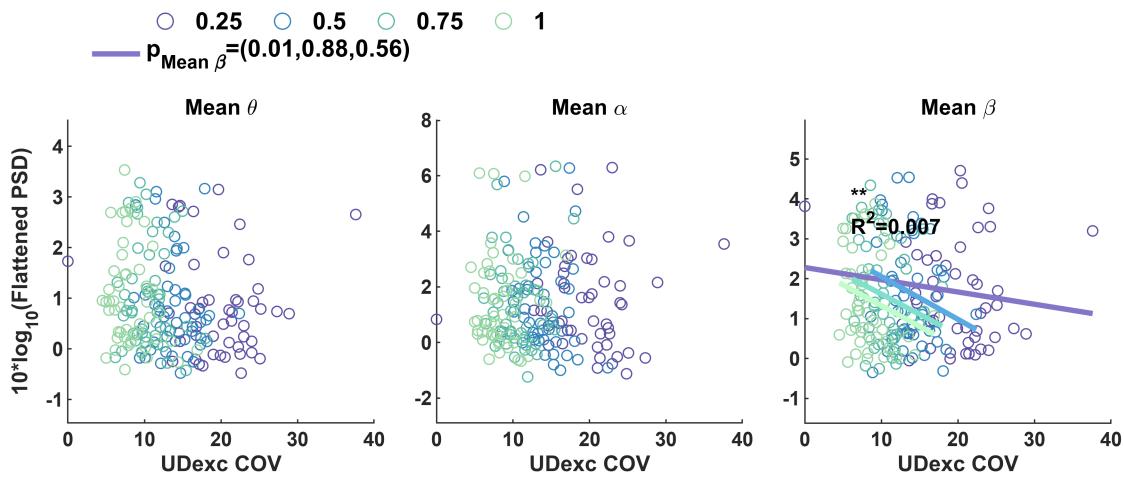
Root Mean Squared Error: 1.26

R-squared: 0.0419, Adjusted R-Squared: 0.00699

F-statistic vs. constant model: 1.2, p-value = 0.305

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.0495	3	0.34983	0.21971	0.88264
mean_UDexc_COV	12.2	1	12.2	7.6625	0.0061901
cond_char:mean_UDexc_COV	3.2661	3	1.0887	0.68376	0.56298
Error	305.71	192	1.5922		
Total	319.08	199			

CL4: Precentral_L



CL4) 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)	0.66606	0.52286	1.2739	0.20425
cond_char_0.5	-0.27932	0.85161	-0.32799	0.74328
cond_char_0.75	0.75493	0.99182	0.76116	0.4475
cond_char_1.0	-0.10873	0.9156	-0.11876	0.90559
mean_Udexc_mean	12.519	36.425	0.3437	0.73145
cond_char_0.5:mean_Udexc_mean	10.188	49.54	0.20565	0.83728
cond_char_0.75:mean_Udexc_mean	-27.048	48.452	-0.55824	0.57733
cond_char_1.0:mean_Udexc_mean	1.7742	42.223	0.042019	0.96653

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 0.993

R-squared: 0.018, Adjusted R-Squared: -0.0178

F-statistic vs. constant model: 0.502, p-value = 0.832

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.9757	3	0.32523	0.32963	0.80393
mean_Udexc_mean	0.3073	1	0.3073	0.31146	0.57744
cond_char:mean_Udexc_mean	0.76697	3	0.25566	0.25912	0.85477
Error	189.44	192	0.98665		
Total	192.9	199			

CL4) 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)	0.20685	0.86901	0.23803	0.81211
cond_char_0.5	-1.3792	1.4154	-0.97444	0.33106
cond_char_0.75	0.053551	1.6484	0.032486	0.97412
cond_char_1.0	0.48455	1.5218	0.31842	0.75052
mean_Udexc_mean	93.609	60.539	1.5463	0.12369

cond_char_0.5:mean_UDexc_mean	38.869	82.337	0.47208	0.63741
cond_char_0.75:mean_UDexc_mean	-50.856	80.529	-0.63152	0.52845
cond_char_1.0:mean_UDexc_mean	-74.095	70.176	-1.0558	0.29236

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.65

R-squared: 0.0457, Adjusted R-Squared: 0.0109

F-statistic vs. constant model: 1.31, p-value = 0.246

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.078	3	1.3593	0.49875	0.68358
mean_UDexc_mean	20.869	1	20.869	7.657	0.0062084
cond_char:mean_UDexc_mean	9.218	3	3.0727	1.1274	0.33918
Error	523.29	192	2.7255		
Total	548.34	199			

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)	2.1621	0.67289	3.2131	0.00154
cond_char_0.5	-1.3374	1.096	-1.2203	0.22386
cond_char_0.75	-1.4548	1.2764	-1.1398	0.2558
cond_char_1.0	-1.4008	1.1783	-1.1888	0.23598
mean_UDexc_mean	-35.078	46.876	-0.74832	0.45518
cond_char_0.5:mean_UDexc_mean	76.358	63.756	1.1977	0.23253
cond_char_0.75:mean_UDexc_mean	67.728	62.355	1.0862	0.27877
cond_char_1.0:mean_UDexc_mean	56.537	54.338	1.0405	0.29943

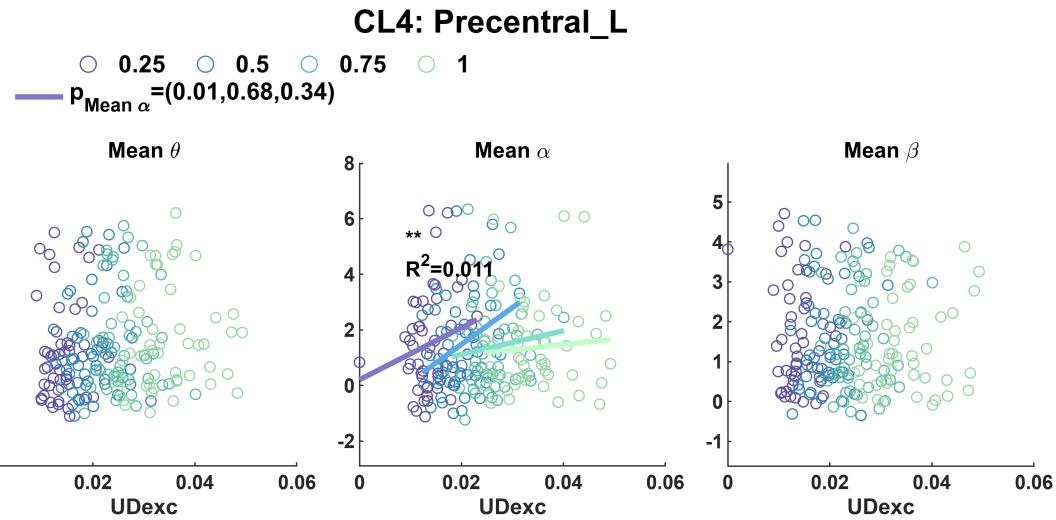
Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.28

R-squared: 0.0167, Adjusted R-Squared: -0.0191

F-statistic vs. constant model: 0.466, p-value = 0.858

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.1597	3	1.3866	0.84851	0.46894
mean_UDexc_mean	0.91286	1	0.91286	0.55863	0.45573
cond_char:mean_UDexc_mean	2.8013	3	0.93376	0.57142	0.63448
Error	313.75	192	1.6341		
Total	319.08	199			



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)	-0.35118	0.49061	-0.71581	0.47498
cond_char_0.5	-1.1138	0.96126	-1.1587	0.24802
cond_char_0.75	-2.0039	1.2763	-1.5701	0.11803
cond_char_1.0	-1.5954	1.4956	-1.0667	0.28745
mean_StanceDur	0.71183	0.28259	2.519	0.012586
cond_char_0.5:mean_StanceDur	1.4246	0.81013	1.7585	0.080253
cond_char_0.75:mean_StanceDur	3.342	1.425	2.3453	0.020034
cond_char_1.0:mean_StanceDur	3.4512	1.9736	1.7487	0.081946

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 0.933

R-squared: 0.134, Adjusted R-Squared: 0.103

F-statistic vs. constant model: 4.26, p-value = 0.000213

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.2963	3	1.0988	1.2635	0.28819
mean_StanceDur	16.579	1	16.579	19.064	2.0641e-05
cond_char:mean_StanceDur	9.2574	3	3.0858	3.5484	0.015545
Error	166.97	192	0.86964		
Total	192.9	199			

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)	0.95144	0.88421	1.076	0.28326
cond_char_0.5	-0.92025	1.7324	-0.53118	0.59591
cond_char_0.75	1.7001	2.3002	0.73912	0.46073
cond_char_1.0	1.6451	2.6955	0.6103	0.54239
mean_StanceDur	0.32873	0.5093	0.64547	0.51939

cond_char_0.5:mean_StanceDur	0.9645	1.4601	0.66058	0.50967
cond_char_0.75:mean_StanceDur	-1.8547	2.5682	-0.72218	0.47106
cond_char_1.0:mean_StanceDur	-2.0371	3.557	-0.57272	0.5675

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.68

R-squared: 0.0109, Adjusted R-Squared: -0.0251

F-statistic vs. constant model: 0.303, p-value = 0.952

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.0048	3	1.3349	0.47258	0.70174
mean_StanceDur	0.35205	1	0.35205	0.12463	0.72445
cond_char:mean_StanceDur	3.8808	3	1.2936	0.45796	0.71199
Error	542.35	192	2.8247		
Total	548.34	199			

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)	2.6113	0.66885	3.9041	0.00013084
cond_char_0.5	-0.28257	1.3105	-0.21563	0.82951
cond_char_0.75	0.7772	1.74	0.44667	0.65561
cond_char_1.0	0.8537	2.039	0.41869	0.67591
mean_StanceDur	-0.55866	0.38525	-1.4501	0.14865
cond_char_0.5:mean_StanceDur	-0.088789	1.1045	-0.080392	0.93601
cond_char_0.75:mean_StanceDur	-1.6268	1.9427	-0.83739	0.40342
cond_char_1.0:mean_StanceDur	-2.1653	2.6906	-0.80475	0.42196

Number of observations: 200, Error degrees of freedom: 192

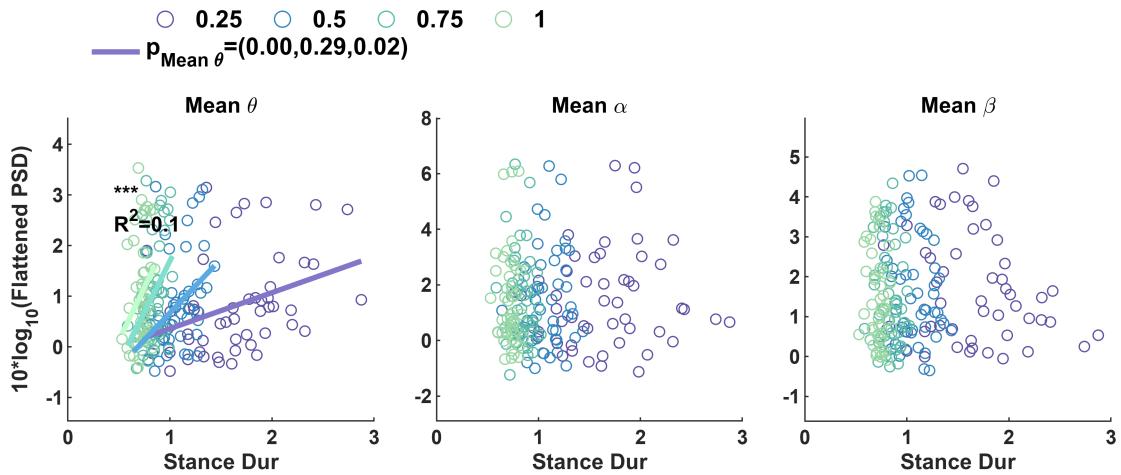
Root Mean Squared Error: 1.27

R-squared: 0.0274, Adjusted R-Squared: -0.00802

F-statistic vs. constant model: 0.774, p-value = 0.61

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.75562	3	0.25187	0.15583	0.92583
mean_StanceDur	5.0642	1	5.0642	3.1332	0.0783
cond_char:mean_StanceDur	2.1203	3	0.70678	0.43728	0.72657
Error	310.33	192	1.6163		
Total	319.08	199			

CL4: Precentral_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)	-0.38578	0.51336	-0.75148	0.45328
cond_char_0.5	-1.0907	0.96956	-1.125	0.26201
cond_char_0.75	-1.9945	1.2434	-1.604	0.11035
cond_char_1.0	-1.6766	1.4502	-1.1561	0.24908
mean_GaitCycleDur	0.53932	0.21849	2.4684	0.014447
cond_char_0.5:mean_GaitCycleDur	0.89744	0.55069	1.6297	0.10481
cond_char_0.75:mean_GaitCycleDur	2.0816	0.88845	2.3429	0.020158
cond_char_1.0:mean_GaitCycleDur	2.1746	1.1967	1.8173	0.070737

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 0.929

R-squared: 0.14, Adjusted R-Squared: 0.109

F-statistic vs. constant model: 4.48, p-value = 0.000121

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.3388	3	1.1129	1.2887	0.27955
mean_GaitCycleDur	19.003	1	19.003	22.004	5.1575e-06
cond_char:mean_GaitCycleDur	8.7221	3	2.9074	3.3665	0.019721
Error	165.82	192	0.86363		
Total	192.9	199			

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)	0.93744	0.92841	1.0097	0.3139
cond_char_0.5	-0.9868	1.7535	-0.56277	0.57424
cond_char_0.75	1.6026	2.2487	0.71267	0.47692
cond_char_1.0	1.4978	2.6227	0.57107	0.56862
mean_GaitCycleDur	0.2482	0.39514	0.62812	0.53067

cond_char_0.5:mean_GaitCycleDur	0.66732	0.99592	0.67005	0.50363
cond_char_0.75:mean_GaitCycleDur	-1.1421	1.6068	-0.71083	0.47805
cond_char_1.0:mean_GaitCycleDur	-1.1799	2.1642	-0.54522	0.58623

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.68

R-squared: 0.0109, Adjusted R-Squared: -0.0251

F-statistic vs. constant model: 0.304, p-value = 0.952

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.9777	3	1.3259	0.46941	0.70396
mean_GaitCycleDur	0.1558	1	0.1558	0.055158	0.81457
cond_char:mean_GaitCycleDur	3.8913	3	1.2971	0.45921	0.71111
Error	542.33	192	2.8247		
Total	548.34	199			

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
(Intercept)	2.6647	0.70049	3.804	0.00019125
cond_char_0.5	-0.17868	1.323	-0.13506	0.89271
cond_char_0.75	0.90418	1.6967	0.53291	0.59471
cond_char_1.0	1.0449	1.9789	0.52805	0.59807
mean_GaitCycleDur	-0.43483	0.29814	-1.4585	0.14634
cond_char_0.5:mean_GaitCycleDur	-0.096333	0.75142	-0.1282	0.89812
cond_char_0.75:mean_GaitCycleDur	-1.1058	1.2123	-0.91217	0.36282
cond_char_1.0:mean_GaitCycleDur	-1.4881	1.6329	-0.91136	0.36325

Number of observations: 200, Error degrees of freedom: 192

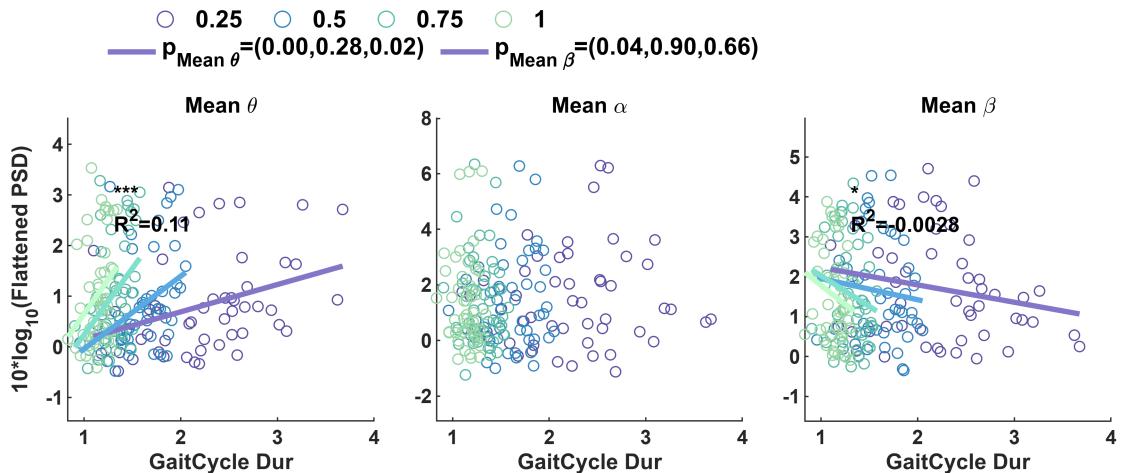
Root Mean Squared Error: 1.27

R-squared: 0.0324, Adjusted R-Squared: -0.00285

F-statistic vs. constant model: 0.919, p-value = 0.493

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.9706	3	0.32353	0.2012	0.89546
mean_GaitCycleDur	6.9761	1	6.9761	4.3383	0.038588
cond_char:mean_GaitCycleDur	2.5593	3	0.85309	0.53053	0.66185
Error	308.74	192	1.608		
Total	319.08	199			

CL4: Precentral_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)	1.2596	0.51671	2.4377	0.01569
cond_char_0.5	0.18632	0.88906	0.20956	0.83423
cond_char_0.75	1.0331	0.98649	1.0472	0.29632
cond_char_1.0	-0.10132	0.91282	-0.111	0.91173
mean_PeakUpDownVel_mean	-3.7901	4.4848	-0.8451	0.3991
cond_char_0.5:mean_PeakUpDownVel_mean	0.67719	5.7481	0.11781	0.90634
cond_char_0.75:mean_PeakUpDownVel_mean	-0.58669	5.3421	-0.10982	0.91266
cond_char_1.0:mean_PeakUpDownVel_mean	3.5232	4.8512	0.72626	0.46856

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 0.987

R-squared: 0.0307, Adjusted R-Squared: -0.00469

F-statistic vs. constant model: 0.867, p-value = 0.533

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.2577	3	0.41924	0.43048	0.7314
mean_PeakUpDownVel_mean	2.8929	1	2.8929	2.9704	0.086412
cond_char:mean_PeakUpDownVel_mean	1.7523	3	0.58411	0.59976	0.6159
Error	186.99	192	0.97391		
Total	192.9	199			

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)	0.72336	0.87971	0.82227	0.41194
cond_char_0.5	-0.31813	1.5137	-0.21018	0.83375
cond_char_0.75	-0.23347	1.6795	-0.13901	0.88959
cond_char_1.0	0.26109	1.5541	0.168	0.86676
mean_PeakUpDownVel_mean	7.0115	7.6355	0.91828	0.35963

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-1.8661	9.7864	-0.19068	0.84898
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	-3.9205	9.0952	-0.43105	0.66692
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	-6.0569	8.2593	-0.73335	0.46424

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.68

R-squared: 0.0115, Adjusted R-Squared: -0.0245

F-statistic vs. constant model: 0.32, p-value = 0.944

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.35562	3	0.11854	0.041991	0.98851
<code>mean_PeakUpDownVel_mean</code>	5.6961	1	5.6961	2.0178	0.15709
<code>cond_char:mean_PeakUpDownVel_mean</code>	2.2292	3	0.74305	0.26321	0.85184
<code>Error</code>	542.01	192	2.823		
<code>Total</code>	548.34	199			

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)	2.0514	0.66724	3.0744	0.0024164
<code>cond_char_0.5</code>	-0.98865	1.1481	-0.86114	0.39024
<code>cond_char_0.75</code>	-1.7076	1.2739	-1.3405	0.18167
<code>cond_char_1.0</code>	-1.8691	1.1787	-1.5856	0.11447
<code>mean_PeakUpDownVel_mean</code>	-3.3743	5.7913	-0.58265	0.56081
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	6.2616	7.4227	0.84358	0.39995
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	7.6219	6.8984	1.1049	0.27059
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	6.678	6.2644	1.066	0.28775

Number of observations: 200, Error degrees of freedom: 192

Root Mean Squared Error: 1.27

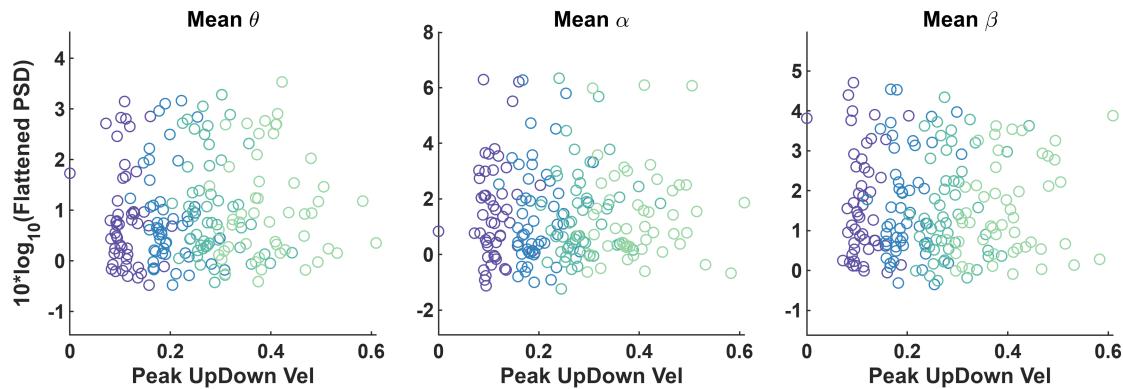
R-squared: 0.0228, Adjusted R-Squared: -0.0128

F-statistic vs. constant model: 0.64, p-value = 0.722

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.4707	3	1.8236	1.1229	0.341
<code>mean_PeakUpDownVel_mean</code>	1.0828	1	1.0828	0.66676	0.4152
<code>cond_char:mean_PeakUpDownVel_mean</code>	2.1603	3	0.72011	0.44342	0.72223
<code>Error</code>	311.81	192	1.624		
<code>Total</code>	319.08	199			

CL4: Precentral_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 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)	0.15735	0.29354	0.53605	0.59238
cond_char_0.5	0.024674	0.50017	0.049331	0.96069
cond_char_0.75	0.63152	0.48444	1.3036	0.19352
cond_char_1.0	0.44528	0.42052	1.0589	0.29063
mean_APexc_COV	0.0043984	0.012161	0.36167	0.71789
cond_char_0.5:mean_APexc_COV	-0.0010021	0.022791	-0.043969	0.96496
cond_char_0.75:mean_APexc_COV	-0.0282	0.022365	-1.2609	0.20848
cond_char_1.0:mean_APexc_COV	-0.017293	0.018811	-0.91932	0.35878

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 0.831

R-squared: 0.0122, Adjusted R-Squared: -0.0143

F-statistic vs. constant model: 0.461, p-value = 0.862

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.677	3	0.559	0.80998	0.48931
mean_APexc_COV	0.53492	1	0.53492	0.7751	0.37946
cond_char:mean_APexc_COV	1.4432	3	0.48108	0.69708	0.55458
Error	179.44	260	0.69014		
Total	181.66	267			

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)	3.149	1.022	3.0812	0.0022829
cond_char_0.5	1.2275	1.7414	0.70488	0.48152
cond_char_0.75	1.5326	1.6867	0.90867	0.36437
cond_char_1.0	1.1245	1.4641	0.76803	0.44317
mean_APexc_COV	0.011014	0.042341	0.26012	0.79497

cond_char_0.5:mean_APexc_COV	-0.075119	0.079351	-0.94666	0.34469
cond_char_0.75:mean_APexc_COV	-0.093906	0.077867	-1.206	0.22892
cond_char_1.0:mean_APexc_COV	-0.071647	0.065493	-1.094	0.27499

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 2.89

R-squared: 0.0179, Adjusted R-Squared: -0.00852

F-statistic vs. constant model: 0.678, p-value = 0.691

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	9.125	3	3.0417	0.36358	0.77935
mean_APexc_COV	24.756	1	24.756	2.9592	0.086581
cond_char:mean_APexc_COV	18.118	3	6.0392	0.7219	0.5397
Error	2175.1	260	8.3658		
Total	2214.8	267			

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)	2.8493	0.57315	4.9713	1.2082e-06
cond_char_0.5	-0.54024	0.97661	-0.55318	0.58062
cond_char_0.75	-0.76756	0.9459	-0.81146	0.41784
cond_char_1.0	-0.70012	0.82109	-0.85267	0.39463
mean_APexc_COV	0.014264	0.023746	0.60071	0.54856
cond_char_0.5:mean_APexc_COV	0.018473	0.044501	0.41511	0.6784
cond_char_0.75:mean_APexc_COV	0.029632	0.043669	0.67856	0.49802
cond_char_1.0:mean_APexc_COV	0.021179	0.03673	0.57663	0.56469

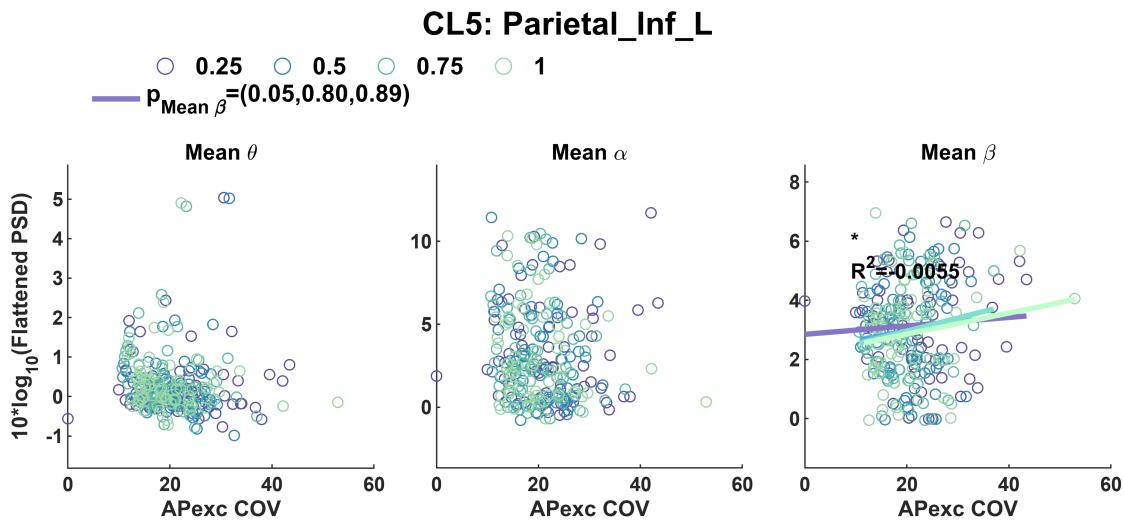
Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 1.62

R-squared: 0.0209, Adjusted R-Squared: -0.00548

F-statistic vs. constant model: 0.792, p-value = 0.594

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.6	3	0.86666	0.32939	0.80411
mean_APexc_COV	10.222	1	10.222	3.885	0.04978
cond_char:mean_APexc_COV	1.6027	3	0.53424	0.20305	0.89423
Error	684.1	260	2.6311		
Total	698.69	267			



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)	-0.027744	0.32517	-0.085321	0.93207
cond_char_0.5	0.57895	0.50733	1.1412	0.25485
cond_char_0.75	0.31617	0.56893	0.55573	0.57887
cond_char_1.0	0.32762	0.58085	0.56403	0.57322
mean_APexc_mean	4.568	4.9554	0.92182	0.35748
cond_char_0.5:mean_APexc_mean	-10.577	9.0121	-1.1737	0.24159
cond_char_0.75:mean_APexc_mean	-3.8683	12.061	-0.32073	0.74867
cond_char_1.0:mean_APexc_mean	-3.2738	13.61	-0.24054	0.8101

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 0.832

R-squared: 0.00819, Adjusted R-Squared: -0.0185

F-statistic vs. constant model: 0.307, p-value = 0.951

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.93057	3	0.31019	0.44762	0.71919
mean_APexc_mean	0.00058272	1	0.00058272	0.0008409	0.97689
cond_char:mean_APexc_mean	0.95687	3	0.31896	0.46027	0.71028
Error	180.17	260	0.69298		
Total	181.66	267			

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)	2.0202	1.1307	1.7867	0.075154
cond_char_0.5	2.3611	1.7641	1.3384	0.18193
cond_char_0.75	0.99552	1.9783	0.50322	0.61524
cond_char_1.0	-0.58161	2.0198	-0.28796	0.77361
mean_APexc_mean	22.113	17.231	1.2834	0.20051

<code>cond_char_0.5:mean_APexc_mean</code>	-48.319	31.337	-1.5419	0.12431
<code>cond_char_0.75:mean_APexc_mean</code>	-21.533	41.938	-0.51345	0.60808
<code>cond_char_1.0:mean_APexc_mean</code>	22.001	47.326	0.46488	0.64241

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 2.89

R-squared: 0.0164, Adjusted R-Squared: -0.0101

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

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	21.011	3	7.0036	0.83587	0.47522
<code>mean_APexc_mean</code>	3.1488	1	3.1488	0.37581	0.54039
<code>cond_char:mean_APexc_mean</code>	25.699	3	8.5662	1.0224	0.38322
<code>Error</code>	2178.5	260	8.3788		
<code>Total</code>	2214.8	267			

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)	2.7725	0.6366	4.3551	1.915e-05
<code>cond_char_0.5</code>	0.65399	0.99322	0.65845	0.51083
<code>cond_char_0.75</code>	0.8422	1.1138	0.75613	0.45026
<code>cond_char_1.0</code>	-0.43685	1.1372	-0.38416	0.70118
<code>mean_APexc_mean</code>	6.4167	9.7014	0.66142	0.50893
<code>cond_char_0.5:mean_APexc_mean</code>	-15.458	17.643	-0.87613	0.38177
<code>cond_char_0.75:mean_APexc_mean</code>	-22.427	23.612	-0.9498	0.3431
<code>cond_char_1.0:mean_APexc_mean</code>	7.427	26.646	0.27873	0.78067

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 1.63

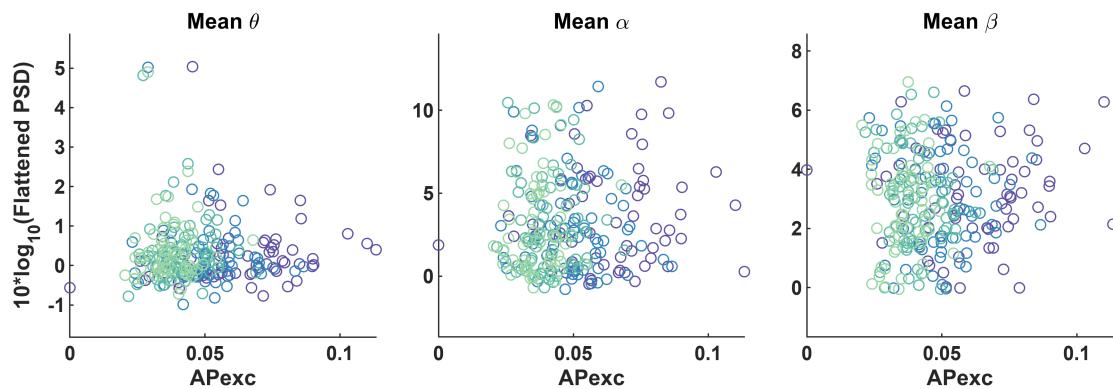
R-squared: 0.0116, Adjusted R-Squared: -0.015

F-statistic vs. constant model: 0.437, p-value = 0.878

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.6816	3	1.2272	0.46205	0.70903
<code>mean_APexc_mean</code>	0.04384	1	0.04384	0.016506	0.89787
<code>cond_char:mean_APexc_mean</code>	4.428	3	1.476	0.55572	0.64474
<code>Error</code>	690.57	260	2.656		
<code>Total</code>	698.69	267			

CL5: Parietal_Inf_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL5) 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)	0.3102	0.25866	1.1993	0.23152
cond_char_0.5	-0.22327	0.39578	-0.56411	0.57316
cond_char_0.75	0.095903	0.44032	0.2178	0.82775
cond_char_1.0	-0.090313	0.46401	-0.19464	0.84583
mean_MLexc_COV	-0.0043926	0.019619	-0.22389	0.82302
cond_char_0.5:mean_MLexc_COV	0.017468	0.029804	0.58608	0.55833
cond_char_0.75:mean_MLexc_COV	-0.0017266	0.030661	-0.056313	0.95514
cond_char_1.0:mean_MLexc_COV	0.01203	0.029601	0.40642	0.68477

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 0.834

R-squared: 0.00466, Adjusted R-Squared: -0.0221

F-statistic vs. constant model: 0.174, p-value = 0.99

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.38124	3	0.12708	0.18274	0.90807
mean_MLexc_COV	0.037405	1	0.037405	0.053786	0.81678
cond_char:mean_MLexc_COV	0.37044	3	0.12348	0.17756	0.91155
Error	180.81	260	0.69544		
Total	181.66	267			

CL5) 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)	2.8702	0.90191	3.1823	0.0016387
cond_char_0.5	1.1084	1.3801	0.80317	0.42261
cond_char_0.75	0.26012	1.5353	0.16942	0.8656
cond_char_1.0	0.246	1.618	0.15204	0.87927
mean_MLexc_COV	0.043596	0.068409	0.63729	0.5245

<code>cond_char_0.5:mean_MLexc_COV</code>	-0.11575	0.10392	-1.1138	0.26641
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.049842	0.10691	-0.46621	0.64146
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.046008	0.10321	-0.44575	0.65615

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 2.91

R-squared: 0.00741, Adjusted R-Squared: -0.0193

F-statistic vs. constant model: 0.277, p-value = 0.963

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.7696	3	1.9232	0.22745	0.87725
<code>mean_MLexc_COV</code>	0.49769	1	0.49769	0.058861	0.8085
<code>cond_char:mean_MLexc_COV</code>	10.506	3	3.5021	0.41419	0.74296
<code>Error</code>	2198.4	260	8.4554		
<code>Total</code>	2214.8	267			

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)	2.3885	0.50366	4.7423	3.4871e-06
<code>cond_char_0.5</code>	0.213	0.77068	0.27638	0.78247
<code>cond_char_0.75</code>	0.28947	0.85739	0.33762	0.73592
<code>cond_char_1.0</code>	0.25604	0.90353	0.28337	0.77712
<code>mean_MLexc_COV</code>	0.064687	0.038202	1.6933	0.091604
<code>cond_char_0.5:mean_MLexc_COV</code>	-0.034945	0.058035	-0.60213	0.54761
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.04583	0.059703	-0.76764	0.4434
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.052466	0.057639	-0.91026	0.36353

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 1.62

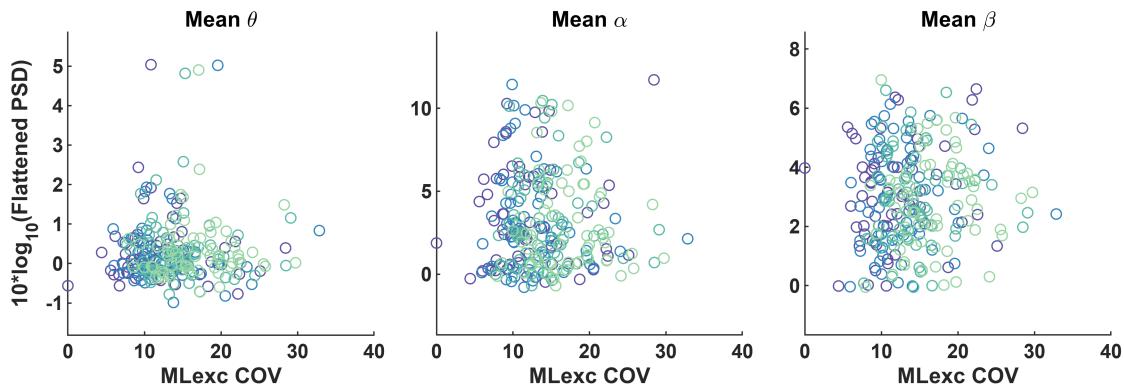
R-squared: 0.0188, Adjusted R-Squared: -0.00766

F-statistic vs. constant model: 0.71, p-value = 0.664

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.4226	3	0.14087	0.053422	0.9837
<code>mean_MLexc_COV</code>	5.6619	1	5.6619	2.1472	0.14404
<code>cond_char:mean_MLexc_COV</code>	2.6852	3	0.89505	0.33944	0.79683
<code>Error</code>	685.58	260	2.6369		
<code>Total</code>	698.69	267			

CL5: Parietal_Inf_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL5) 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)	-0.22192	0.34484	-0.64355	0.52044
cond_char_0.5	0.47993	0.50981	0.9414	0.34738
cond_char_0.75	0.16142	0.55187	0.29249	0.77014
cond_char_1.0	0.70035	0.57065	1.2273	0.22082
mean_MLexc_mean	3.9626	2.7272	1.453	0.14744
cond_char_0.5:mean_MLexc_mean	-4.0353	4.6821	-0.86184	0.38957
cond_char_0.75:mean_MLexc_mean	1.4206	6.5586	0.21659	0.8287
cond_char_1.0:mean_MLexc_mean	-6.2828	8.3376	-0.75355	0.4518

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 0.83

R-squared: 0.0139, Adjusted R-Squared: -0.0127

F-statistic vs. constant model: 0.523, p-value = 0.817

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.2851	3	0.42836	0.62171	0.60153
mean_MLexc_mean	0.27853	1	0.27853	0.40426	0.52546
cond_char:mean_MLexc_mean	0.93045	3	0.31015	0.45015	0.71741
Error	179.14	260	0.689		
Total	181.66	267			

CL5) 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)	4.0182	1.2083	3.3254	0.0010101
cond_char_0.5	0.13218	1.7863	0.073993	0.94107
cond_char_0.75	-0.55961	1.9337	-0.28939	0.77251
cond_char_1.0	-0.59298	1.9995	-0.29656	0.76704
mean_MLexc_mean	-5.1275	9.5561	-0.53657	0.59202

<code>cond_char_0.5:mean_MLexc_mean</code>	-6.2173	16.406	-0.37896	0.70502
<code>cond_char_0.75:mean_MLexc_mean</code>	-0.8376	22.981	-0.036448	0.97095
<code>cond_char_1.0:mean_MLexc_mean</code>	-1.0844	29.215	-0.037119	0.97042

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 2.91

R-squared: 0.00695, Adjusted R-Squared: -0.0198

F-statistic vs. constant model: 0.26, p-value = 0.969

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.7646	3	0.5882	0.069533	0.97614
<code>mean_MLexc_mean</code>	4.7293	1	4.7293	0.55907	0.45531
<code>cond_char:mean_MLexc_mean</code>	1.2502	3	0.41675	0.049265	0.98551
<code>Error</code>	2199.4	260	8.4593		
<code>Total</code>	2214.8	267			

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)	4.2628	0.67278	6.3361	1.0327e-09
<code>cond_char_0.5</code>	-0.35685	0.99462	-0.35878	0.72005
<code>cond_char_0.75</code>	-0.87039	1.0767	-0.8084	0.4196
<code>cond_char_1.0</code>	-1.123	1.1133	-1.0087	0.31404
<code>mean_MLexc_mean</code>	-9.0225	5.3207	-1.6957	0.091135
<code>cond_char_0.5:mean_MLexc_mean</code>	-0.77838	9.1347	-0.085211	0.93216
<code>cond_char_0.75:mean_MLexc_mean</code>	2.7387	12.796	0.21403	0.83069
<code>cond_char_1.0:mean_MLexc_mean</code>	3.86	16.266	0.2373	0.81261

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 1.62

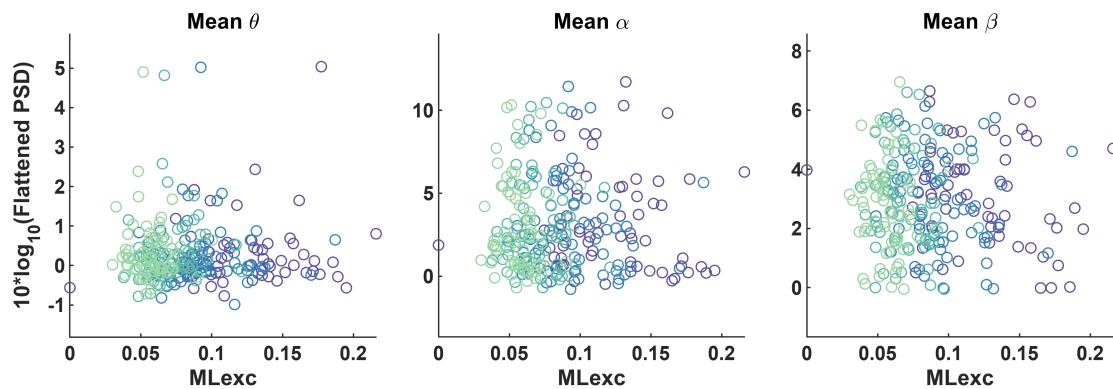
R-squared: 0.0241, Adjusted R-Squared: -0.00217

F-statistic vs. constant model: 0.917, p-value = 0.494

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.3504	3	1.1168	0.42585	0.73464
<code>mean_MLexc_mean</code>	5.2793	1	5.2793	2.0131	0.15714
<code>cond_char:mean_MLexc_mean</code>	0.31914	3	0.10638	0.040564	0.98909
<code>Error</code>	681.85	260	2.6225		
<code>Total</code>	698.69	267			

CL5: Parietal_Inf_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



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)	-0.087881	0.4549	-0.19319	0.84696
cond_char_0.5	0.40635	0.8433	0.48186	0.63031
cond_char_0.75	-0.51855	1.0467	-0.4954	0.62074
cond_char_1.0	-0.30105	1.2665	-0.2377	0.8123
mean_StepDur	0.29868	0.38405	0.77772	0.43744
cond_char_0.5:mean_StepDur	-0.38238	0.95384	-0.40088	0.68884
cond_char_0.75:mean_StepDur	1.1022	1.4722	0.74871	0.45471
cond_char_1.0:mean_StepDur	0.97187	2.0665	0.47028	0.63855

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 0.832

R-squared: 0.00999, Adjusted R-Squared: -0.0167

F-statistic vs. constant model: 0.375, p-value = 0.917

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.48068	3	0.16023	0.23164	0.87431
mean_StepDur	0.81715	1	0.81715	1.1813	0.27809
cond_char:mean_StepDur	0.70107	3	0.23369	0.33784	0.79799
Error	179.85	260	0.69172		
Total	181.66	267			

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)	2.3251	1.587	1.4651	0.14412
cond_char_0.5	1.1967	2.9421	0.40674	0.68453
cond_char_0.75	-0.8259	3.6518	-0.22616	0.82125
cond_char_1.0	-4.5315	4.4184	-1.0256	0.30603
mean_StepDur	0.92969	1.3398	0.69388	0.48838

<code>cond_char_0.5:mean_StepDur</code>	-1.4876	3.3277	-0.44704	0.65522
<code>cond_char_0.75:mean_StepDur</code>	1.4064	5.136	0.27383	0.78443
<code>cond_char_1.0:mean_StepDur</code>	8.1786	7.2096	1.1344	0.25767

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 2.9

R-squared: 0.0117, Adjusted R-Squared: -0.0149

F-statistic vs. constant model: 0.438, p-value = 0.877

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	12.404	3	4.1347	0.49112	0.68875
<code>mean_StepDur</code>	13.694	1	13.694	1.6265	0.20332
<code>cond_char:mean_StepDur</code>	13.866	3	4.6219	0.54898	0.64925
<code>Error</code>	2189	260	8.4191		
<code>Total</code>	2214.8	267			

CL5) 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)	3.5853	0.88481	4.0521	6.7091e-05
<code>cond_char_0.5</code>	1.3105	1.6403	0.79894	0.42505
<code>cond_char_0.75</code>	2.3547	2.036	1.1565	0.24852
<code>cond_char_1.0</code>	1.176	2.4633	0.47742	0.63347
<code>mean_StepDur</code>	-0.35761	0.74699	-0.47873	0.63253
<code>cond_char_0.5:mean_StepDur</code>	-2.0287	1.8553	-1.0935	0.27518
<code>cond_char_0.75:mean_StepDur</code>	-4.1744	2.8634	-1.4578	0.1461
<code>cond_char_1.0:mean_StepDur</code>	-2.9392	4.0195	-0.73124	0.46529

Number of observations: 268, Error degrees of freedom: 260

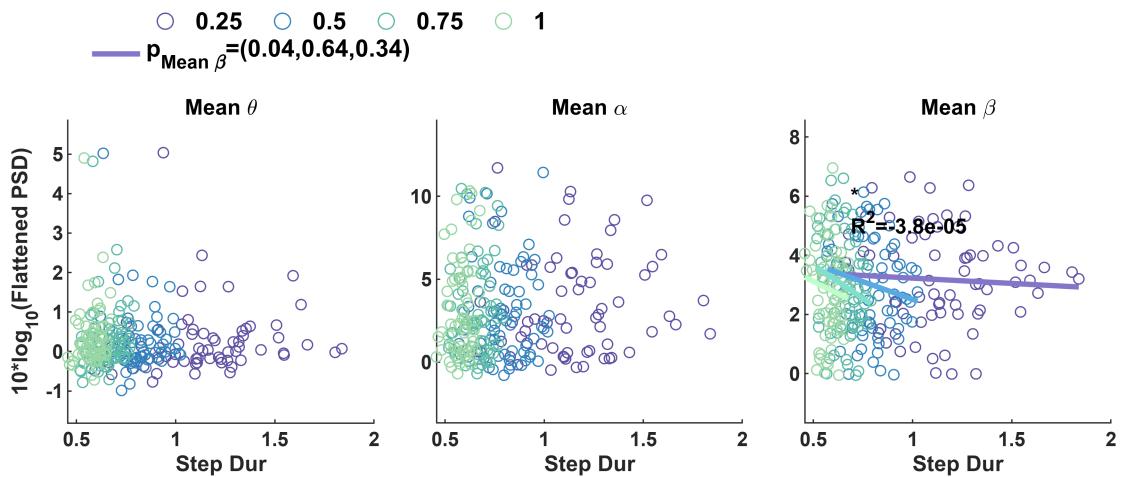
Root Mean Squared Error: 1.62

R-squared: 0.0262, Adjusted R-Squared: -3.8e-05

F-statistic vs. constant model: 0.999, p-value = 0.433

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.3923	3	1.4641	0.55948	0.64223
<code>mean_StepDur</code>	10.964	1	10.964	4.1895	0.041681
<code>cond_char:mean_StepDur</code>	8.8325	3	2.9442	1.125	0.3394
<code>Error</code>	680.4	260	2.6169		
<code>Total</code>	698.69	267			

CL5: Parietal_Inf_L



CL5) 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)	0.4484	0.40054	1.1195	0.26397
cond_char_0.5	-0.4841	0.65268	-0.7417	0.45894
cond_char_0.75	0.4009	0.59008	0.6794	0.49749
cond_char_1.0	0.4821	0.54942	0.87747	0.38104
mean_UDexc_COV	-0.0095987	0.019434	-0.49391	0.62179
cond_char_0.5:mean_UDexc_COV	0.029772	0.040509	0.73494	0.46304
cond_char_0.75:mean_UDexc_COV	-0.040827	0.044424	-0.91902	0.35893
cond_char_1.0:mean_UDexc_COV	-0.060766	0.047872	-1.2693	0.20546

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 0.827

R-squared: 0.0203, Adjusted R-Squared: -0.00603

F-statistic vs. constant model: 0.771, p-value = 0.612

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.8916	3	0.63054	0.9212	0.43108
mean_UDexc_COV	1.6143	1	1.6143	2.3584	0.12583
cond_char:mean_UDexc_COV	2.3456	3	0.78187	1.1423	0.33249
Error	177.97	260	0.68448		
Total	181.66	267			

CL5) 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)	4.4874	1.3972	3.2117	0.0014857
cond_char_0.5	-0.35185	2.2767	-0.15454	0.8773
cond_char_0.75	-0.34053	2.0583	-0.16544	0.86873
cond_char_1.0	1.0035	1.9165	0.52362	0.60099
mean_UDexc_COV	-0.054601	0.067792	-0.80543	0.42131

cond_char_0.5:mean_UDexc_COV	-0.02016	0.14131	-0.14267	0.88666
cond_char_0.75:mean_UDexc_COV	-0.050362	0.15496	-0.32499	0.74545
cond_char_1.0:mean_UDexc_COV	-0.2371	0.16699	-1.4198	0.15685

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 2.89

R-squared: 0.0223, Adjusted R-Squared: -0.00406

F-statistic vs. constant model: 0.846, p-value = 0.55

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	5.1373	3	1.7124	0.2056	0.89247
mean_UDexc_COV	36.77	1	36.77	4.4148	0.036591
cond_char:mean_UDexc_COV	17.03	3	5.6765	0.68155	0.56403
Error	2165.5	260	8.3288		
Total	2214.8	267			

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)	3.3258	0.78855	4.2176	3.4117e-05
cond_char_0.5	0.84129	1.2849	0.65473	0.51322
cond_char_0.75	-0.68313	1.1617	-0.58805	0.55701
cond_char_1.0	-0.04107	1.0816	-0.03797	0.96974
mean_UDexc_COV	-0.0076913	0.03826	-0.20103	0.84083
cond_char_0.5:mean_UDexc_COV	-0.076161	0.07975	-0.95499	0.34047
cond_char_0.75:mean_UDexc_COV	0.036948	0.087458	0.42247	0.67303
cond_char_1.0:mean_UDexc_COV	-0.044889	0.094245	-0.47629	0.63426

Number of observations: 268, Error degrees of freedom: 260

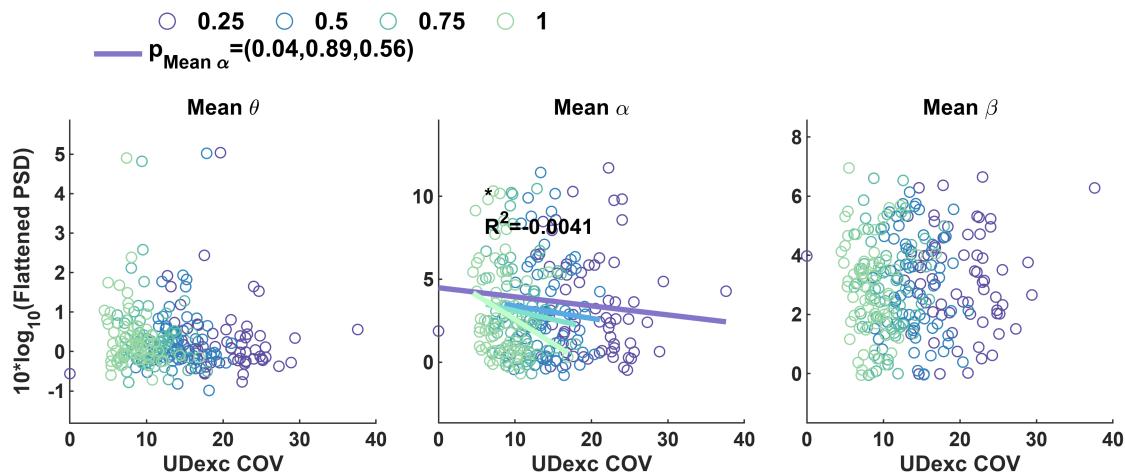
Root Mean Squared Error: 1.63

R-squared: 0.0128, Adjusted R-Squared: -0.0138

F-statistic vs. constant model: 0.481, p-value = 0.848

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.516	3	1.172	0.44179	0.72332
mean_UDexc_COV	1.7534	1	1.7534	0.66092	0.41698
cond_char:mean_UDexc_COV	3.9013	3	1.3004	0.4902	0.68938
Error	689.75	260	2.6529		
Total	698.69	267			

CL5: Parietal_Inf_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)	0.36788	0.34622	1.0626	0.28897
cond_char_0.5	0.54474	0.62377	0.87331	0.3833
cond_char_0.75	-0.078278	0.68556	-0.11418	0.90918
cond_char_1.0	-0.079863	0.65396	-0.12212	0.9029
mean_UDexc_mean	-7.5903	22.65	-0.33512	0.73781
cond_char_0.5:mean_UDexc_mean	-25.332	33.974	-0.74563	0.45656
cond_char_0.75:mean_UDexc_mean	8.6293	31.415	0.27469	0.78377
cond_char_1.0:mean_UDexc_mean	9.2977	27.474	0.33842	0.73532

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 0.832

R-squared: 0.00938, Adjusted R-Squared: -0.0173

F-statistic vs. constant model: 0.352, p-value = 0.929

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.69894	3	0.23298	0.33661	0.79888
mean_UDexc_mean	0.52794	1	0.52794	0.76277	0.38327
cond_char:mean_UDexc_mean	1.028	3	0.34267	0.49509	0.686
Error	179.96	260	0.69214		
Total	181.66	267			

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)	2.0635	1.2076	1.7088	0.088681
cond_char_0.5	1.8725	2.1756	0.8607	0.3902
cond_char_0.75	-0.51524	2.3911	-0.21548	0.82956
cond_char_1.0	0.052009	2.2809	0.022802	0.98183
mean_UDexc_mean	91.361	78.998	1.1565	0.24854

<code>cond_char_0.5:mean_UDexc_mean</code>	-134.33	118.49	-1.1336	0.258
<code>cond_char_0.75:mean_UDexc_mean</code>	-35.66	109.57	-0.32545	0.7451
<code>cond_char_1.0:mean_UDexc_mean</code>	-63.984	95.823	-0.66773	0.5049

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 2.9

R-squared: 0.0116, Adjusted R-Squared: -0.015

F-statistic vs. constant model: 0.435, p-value = 0.88

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	8.3278	3	2.7759	0.32969	0.80389
<code>mean_UDexc_mean</code>	6.398	1	6.398	0.75988	0.38417
<code>cond_char:mean_UDexc_mean</code>	11.639	3	3.8798	0.4608	0.70991
<code>Error</code>	2189.2	260	8.4198		
<code>Total</code>	2214.8	267			

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)	2.551	0.67888	3.7576	0.00021179
<code>cond_char_0.5</code>	-0.054642	1.2231	-0.044674	0.9644
<code>cond_char_0.75</code>	0.50441	1.3443	0.37523	0.7078
<code>cond_char_1.0</code>	0.41558	1.2823	0.32409	0.74613
<code>mean_UDexc_mean</code>	42.526	44.413	0.95751	0.3392
<code>cond_char_0.5:mean_UDexc_mean</code>	-18.707	66.618	-0.28082	0.77908
<code>cond_char_0.75:mean_UDexc_mean</code>	-46.416	61.6	-0.7535	0.45183
<code>cond_char_1.0:mean_UDexc_mean</code>	-45.867	53.871	-0.85142	0.39532

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 1.63

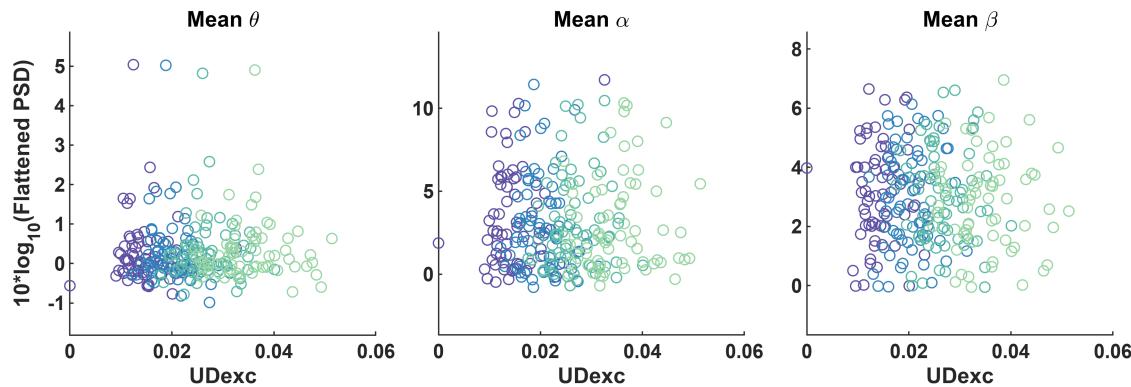
R-squared: 0.00969, Adjusted R-Squared: -0.017

F-statistic vs. constant model: 0.364, p-value = 0.923

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.64379	3	0.2146	0.080639	0.97049
<code>mean_UDexc_mean</code>	1.2934	1	1.2934	0.48602	0.48633
<code>cond_char:mean_UDexc_mean</code>	2.4247	3	0.80825	0.30371	0.8227
<code>Error</code>	691.92	260	2.6612		
<code>Total</code>	698.69	267			

CL5: Parietal_Inf_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



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)	-0.03491	0.42808	-0.08155	0.93507
cond_char_0.5	0.25679	0.8168	0.31438	0.75348
cond_char_0.75	-0.61758	1.0508	-0.58774	0.55721
cond_char_1.0	-0.30715	1.2784	-0.24026	0.81032
mean_StanceDur	0.17095	0.24356	0.70189	0.48337
cond_char_0.5:mean_StanceDur	-0.1439	0.68212	-0.21095	0.83309
cond_char_0.75:mean_StanceDur	0.97308	1.1516	0.84501	0.39888
cond_char_1.0:mean_StanceDur	0.77603	1.6653	0.46599	0.64161

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 0.832

R-squared: 0.00954, Adjusted R-Squared: -0.0171

F-statistic vs. constant model: 0.358, p-value = 0.926

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.41672	3	0.13891	0.20072	0.89583
mean_StanceDur	0.81555	1	0.81555	1.1785	0.27867
cond_char:mean_StanceDur	0.68959	3	0.22986	0.33216	0.8021
Error	179.93	260	0.69203		
Total	181.66	267			

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)	2.2657	1.492	1.5186	0.13009
cond_char_0.5	0.71676	2.8468	0.25178	0.80141
cond_char_0.75	-0.74848	3.6622	-0.20438	0.83822
cond_char_1.0	-5.0512	4.4556	-1.1337	0.25798
mean_StanceDur	0.66346	0.84888	0.78157	0.43518

<code>cond_char_0.5:mean_StanceDur</code>	-0.57995	2.3774	-0.24394	0.80747
<code>cond_char_0.75:mean_StanceDur</code>	1.1324	4.0136	0.28215	0.77806
<code>cond_char_1.0:mean_StanceDur</code>	7.3812	5.8043	1.2717	0.20462

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 2.9

R-squared: 0.0132, Adjusted R-Squared: -0.0134

F-statistic vs. constant model: 0.495, p-value = 0.838

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	12.735	3	4.2452	0.50499	0.67917
<code>mean_StanceDur</code>	17.448	1	17.448	2.0755	0.15088
<code>cond_char:mean_StanceDur</code>	15.005	3	5.0015	0.59497	0.61881
<code>Error</code>	2185.7	260	8.4064		
<code>Total</code>	2214.8	267			

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
(Intercept)	3.5642	0.83108	4.2887	2.5357e-05
<code>cond_char_0.5</code>	1.2243	1.5857	0.77204	0.44079
<code>cond_char_0.75</code>	2.8363	2.0399	1.3904	0.1656
<code>cond_char_1.0</code>	1.5244	2.4819	0.61421	0.53961
<code>mean_StanceDur</code>	-0.2295	0.47284	-0.48536	0.62783
<code>cond_char_0.5:mean_StanceDur</code>	-1.4496	1.3243	-1.0947	0.27468
<code>cond_char_0.75:mean_StanceDur</code>	-3.8391	2.2356	-1.7172	0.087131
<code>cond_char_1.0:mean_StanceDur</code>	-2.8439	3.2331	-0.87963	0.37987

Number of observations: 268, Error degrees of freedom: 260

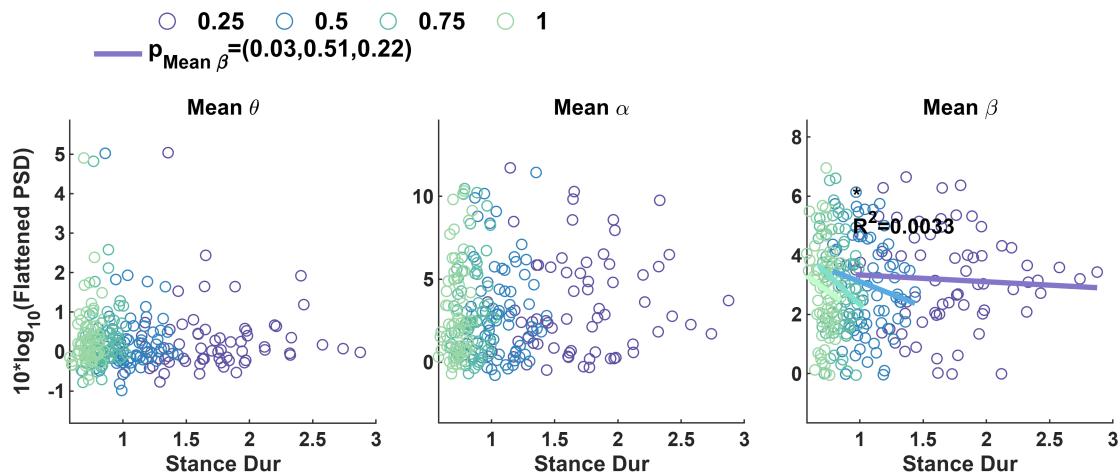
Root Mean Squared Error: 1.62

R-squared: 0.0294, Adjusted R-Squared: 0.00327

F-statistic vs. constant model: 1.12, p-value = 0.348

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.9957	3	1.9986	0.76624	0.51386
<code>mean_StanceDur</code>	12.75	1	12.75	4.8882	0.027912
<code>cond_char:mean_StanceDur</code>	11.719	3	3.9062	1.4976	0.21561
<code>Error</code>	678.15	260	2.6083		
<code>Total</code>	698.69	267			

CL5: Parietal_Inf_L



CL5) 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)	-0.083041	0.45493	-0.18254	0.8553
cond_char_0.5	0.40157	0.84206	0.47689	0.63384
cond_char_0.75	-0.53478	1.0494	-0.50961	0.61076
cond_char_1.0	-0.31186	1.264	-0.24672	0.80532
mean_GaitCycleDur	0.14707	0.19181	0.76676	0.44392
cond_char_0.5:mean_GaitCycleDur	-0.18894	0.47586	-0.39705	0.69166
cond_char_0.75:mean_GaitCycleDur	0.56193	0.73809	0.76133	0.44715
cond_char_1.0:mean_GaitCycleDur	0.49324	1.0308	0.4785	0.6327

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 0.832

R-squared: 0.01, Adjusted R-Squared: -0.0166

F-statistic vs. constant model: 0.376, p-value = 0.916

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.49169	3	0.1639	0.23695	0.87056
mean_GaitCycleDur	0.83135	1	0.83135	1.2019	0.27396
cond_char:mean_GaitCycleDur	0.71738	3	0.23913	0.34571	0.79228
Error	179.84	260	0.69169		
Total	181.66	267			

CL5) 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)	2.3389	1.5867	1.474	0.14168
cond_char_0.5	1.1625	2.9369	0.39581	0.69257
cond_char_0.75	-0.86975	3.66	-0.23764	0.81235
cond_char_1.0	-4.7772	4.4086	-1.0836	0.27954
mean_GaitCycleDur	0.45832	0.66898	0.6851	0.49389

<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.72453	1.6597	-0.43654	0.66281
<code>cond_char_0.75:mean_GaitCycleDur</code>	0.73237	2.5743	0.28449	0.77626
<code>cond_char_1.0:mean_GaitCycleDur</code>	4.2949	3.5952	1.1946	0.23333

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 2.9

R-squared: 0.0122, Adjusted R-Squared: -0.0144

F-statistic vs. constant model: 0.46, p-value = 0.863

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	13.447	3	4.4825	0.53272	0.66022
<code>mean_GaitCycleDur</code>	14.795	1	14.795	1.7584	0.18599
<code>cond_char:mean_GaitCycleDur</code>	15.02	3	5.0065	0.59501	0.61879
<code>Error</code>	2187.7	260	8.4143		
<code>Total</code>	2214.8	267			

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)	3.5829	0.88493	4.0488	6.7988e-05
<code>cond_char_0.5</code>	1.3006	1.638	0.79403	0.4279
<code>cond_char_0.75</code>	2.3744	2.0412	1.1632	0.24581
<code>cond_char_1.0</code>	1.1394	2.4588	0.46342	0.64345
<code>mean_GaitCycleDur</code>	-0.17754	0.3731	-0.47585	0.63458
<code>cond_char_0.5:mean_GaitCycleDur</code>	-1.0077	0.92564	-1.0886	0.27734
<code>cond_char_0.75:mean_GaitCycleDur</code>	-2.1013	1.4357	-1.4636	0.14452
<code>cond_char_1.0:mean_GaitCycleDur</code>	-1.4369	2.0051	-0.71663	0.47424

Number of observations: 268, Error degrees of freedom: 260

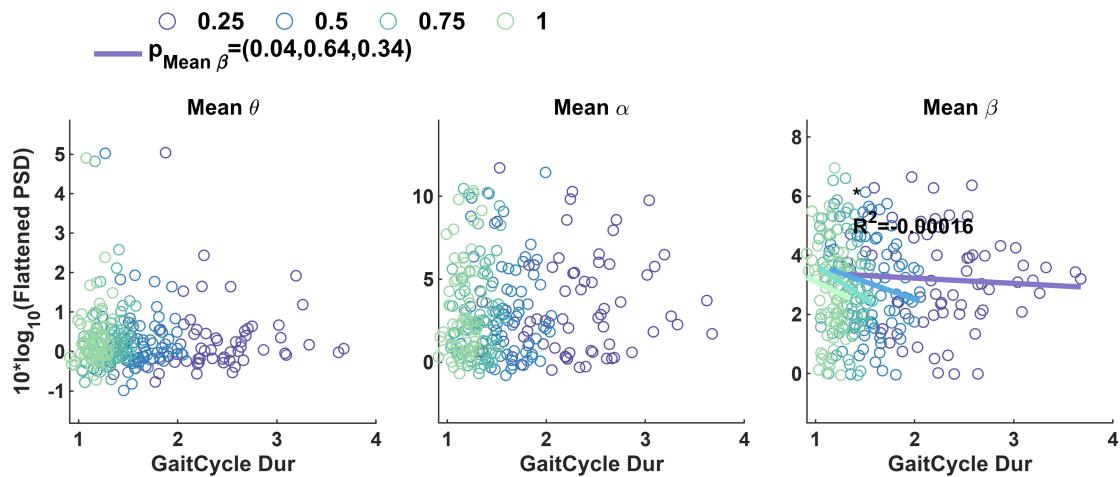
Root Mean Squared Error: 1.62

R-squared: 0.0261, Adjusted R-Squared: -0.000155

F-statistic vs. constant model: 0.994, p-value = 0.436

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.3993	3	1.4664	0.5603	0.64168
<code>mean_GaitCycleDur</code>	10.856	1	10.856	4.1479	0.042698
<code>cond_char:mean_GaitCycleDur</code>	8.8072	3	2.9357	1.1217	0.34075
<code>Error</code>	680.48	260	2.6172		
<code>Total</code>	698.69	267			

CL5: Parietal_Inf_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)	0.52471	0.3851	1.3625	0.17421
cond_char_0.5	0.18032	0.69618	0.25902	0.79583
cond_char_0.75	0.0099191	0.73131	0.013563	0.98919
cond_char_1.0	-0.18755	0.71413	-0.26263	0.79304
mean_PeakUpDownVel_mean	-2.3966	3.3246	-0.72087	0.47164
cond_char_0.5:mean_PeakUpDownVel_mean	0.092661	4.4103	0.02101	0.98325
cond_char_0.75:mean_PeakUpDownVel_mean	1.6398	3.9521	0.41491	0.67855
cond_char_1.0:mean_PeakUpDownVel_mean	2.4236	3.6433	0.66522	0.5065

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 0.833

R-squared: 0.00734, Adjusted R-Squared: -0.0194

F-statistic vs. constant model: 0.274, p-value = 0.963

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.1346	3	0.044865	0.064687	0.97849
mean_PeakUpDownVel_mean	0.77947	1	0.77947	1.1238	0.29007
cond_char:mean_PeakUpDownVel_mean	0.55793	3	0.18598	0.26814	0.84833
Error	180.33	260	0.69357		
Total	181.66	267			

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)	3.4545	1.3447	2.5689	0.010761
cond_char_0.5	1.7645	2.431	0.72584	0.46859
cond_char_0.75	-0.18292	2.5537	-0.07163	0.94295
cond_char_1.0	-0.80656	2.4937	-0.32344	0.74662
mean_PeakUpDownVel_mean	-0.50168	11.609	-0.043214	0.96556

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-10.392	15.4	-0.6748	0.5004
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	-0.30613	13.8	-0.022182	0.98232
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	1.5773	12.722	0.12398	0.90143

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 2.91

R-squared: 0.00722, Adjusted R-Squared: -0.0195

F-statistic vs. constant model: 0.27, p-value = 0.965

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	7.43	3	2.4767	0.29286	0.83055
<code>mean_PeakUpDownVel_mean</code>	3.2732	1	3.2732	0.38704	0.53441
<code>cond_char:mean_PeakUpDownVel_mean</code>	9.4315	3	3.1438	0.37174	0.77346
<code>Error</code>	2198.8	260	8.4569		
<code>Total</code>	2214.8	267			

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)	3.2962	0.75095	4.3894	1.6544e-05
<code>cond_char_0.5</code>	0.40594	1.3575	0.29902	0.76516
<code>cond_char_0.75</code>	1.3251	1.4261	0.92924	0.35363
<code>cond_char_1.0</code>	0.7816	1.3926	0.56127	0.5751
<code>mean_PeakUpDownVel_mean</code>	-1.1082	6.4829	-0.17094	0.86441
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-2.5827	8.6001	-0.30031	0.76418
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	-4.7109	7.7066	-0.61127	0.54155
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	-1.9805	7.1045	-0.27877	0.78064

Number of observations: 268, Error degrees of freedom: 260

Root Mean Squared Error: 1.62

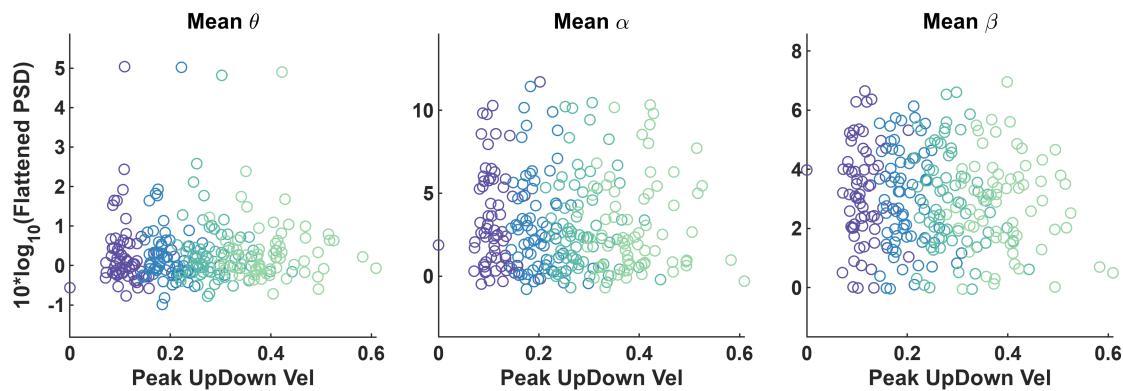
R-squared: 0.0186, Adjusted R-Squared: -0.00783

F-statistic vs. constant model: 0.704, p-value = 0.669

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.5362	3	0.8454	0.32056	0.81051
<code>mean_PeakUpDownVel_mean</code>	4.9662	1	4.9662	1.8831	0.17117
<code>cond_char:mean_PeakUpDownVel_mean</code>	1.2185	3	0.40616	0.15401	0.92705
<code>Error</code>	685.7	260	2.6373		
<code>Total</code>	698.69	267			

CL5: Parietal_Inf_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL6) 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)	1.2124	0.49243	2.4621	0.014872
cond_char_0.5	-0.20258	0.76336	-0.26538	0.79105
cond_char_0.75	0.53174	0.7818	0.68015	0.49739
cond_char_1.0	0.73888	0.70037	1.055	0.29302
mean_APexc_COV	-0.0070419	0.021188	-0.33235	0.74006
cond_char_0.5:mean_APexc_COV	0.012374	0.034903	0.35451	0.72342
cond_char_0.75:mean_APexc_COV	-0.019533	0.036871	-0.52977	0.59701
cond_char_1.0:mean_APexc_COV	-0.027219	0.032829	-0.8291	0.40828

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 0.977

R-squared: 0.0267, Adjusted R-Squared: -0.0159

F-statistic vs. constant model: 0.626, p-value = 0.734

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.936	3	0.64534	0.67618	0.56784
mean_APexc_COV	1.3539	1	1.3539	1.4187	0.23539
cond_char:mean_APexc_COV	1.3509	3	0.45029	0.4718	0.70235
Error	152.7	160	0.95439		
Total	156.88	167			

CL6) 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)	0.64215	0.51578	1.245	0.21494
cond_char_0.5	-0.198	0.79956	-0.24764	0.80473
cond_char_0.75	-0.4833	0.81886	-0.59021	0.55588
cond_char_1.0	0.33192	0.73357	0.45247	0.65154
mean_APexc_COV	-0.00070658	0.022193	-0.031838	0.97464

cond_char_0.5:mean_APexc_COV	0.005407	0.036558	0.1479	0.88261
cond_char_0.75:mean_APexc_COV	0.021482	0.038619	0.55626	0.57881
cond_char_1.0:mean_APexc_COV	-0.014128	0.034386	-0.41087	0.68171

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.02

R-squared: 0.00836, Adjusted R-Squared: -0.035

F-statistic vs. constant model: 0.193, p-value = 0.987

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1172	3	0.37241	0.35568	0.78509
mean_APexc_COV	0.034157	1	0.034157	0.032623	0.8569
cond_char:mean_APexc_COV	0.81274	3	0.27091	0.25874	0.85502
Error	167.53	160	1.047		
Total	168.94	167			

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)	0.94627	0.5694	1.6619	0.0985
cond_char_0.5	0.070477	0.88269	0.079844	0.93646
cond_char_0.75	-0.6695	0.90401	-0.74059	0.46003
cond_char_1.0	-1.1058	0.80985	-1.3655	0.17403
mean_APexc_COV	0.014529	0.024501	0.59301	0.55401
cond_char_0.5:mean_APexc_COV	-0.0041893	0.040359	-0.1038	0.91746
cond_char_0.75:mean_APexc_COV	0.03089	0.042634	0.72454	0.46979
cond_char_1.0:mean_APexc_COV	0.056571	0.037961	1.4902	0.13813

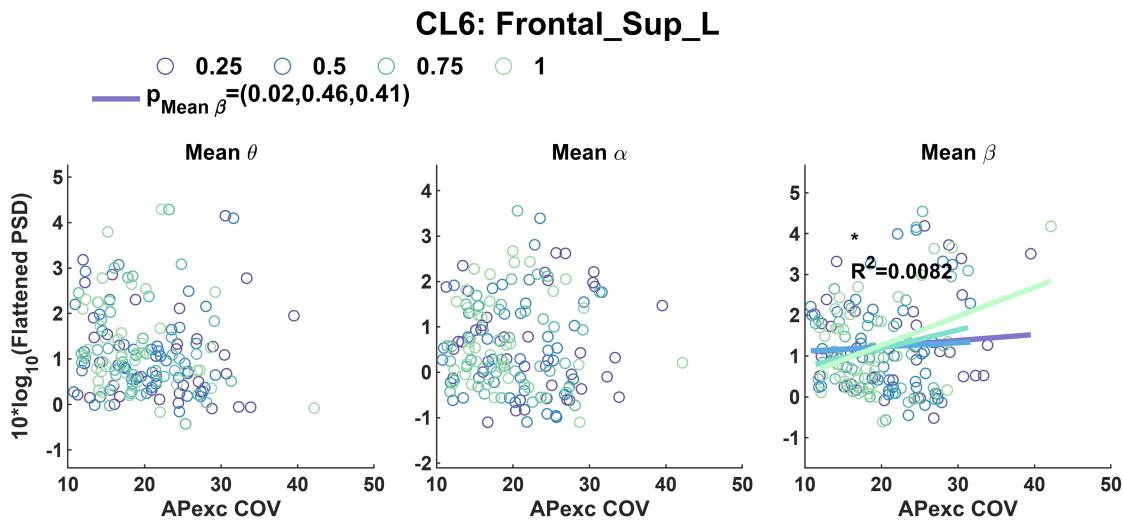
Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.13

R-squared: 0.0497, Adjusted R-Squared: 0.00817

F-statistic vs. constant model: 1.2, p-value = 0.308

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.3351	3	1.1117	0.87117	0.45741
mean_APexc_COV	6.9188	1	6.9188	5.4218	0.021138
cond_char:mean_APexc_COV	3.7251	3	1.2417	0.97305	0.40701
Error	204.17	160	1.2761		
Total	214.86	167			



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)	0.26095	0.49105	0.5314	0.59588
cond_char_0.5	1.2388	0.83864	1.4771	0.14161
cond_char_0.75	1.3474	0.89069	1.5128	0.13231
cond_char_1.0	2.5841	0.95506	2.7057	0.0075562
mean_APexc_mean	12.777	7.5145	1.7003	0.091023
cond_char_0.5:mean_APexc_mean	-20.261	15.027	-1.3483	0.17946
cond_char_0.75:mean_APexc_mean	-21.647	18.493	-1.1706	0.24351
cond_char_1.0:mean_APexc_mean	-53.616	22.616	-2.3707	0.018945

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 0.964

R-squared: 0.0521, Adjusted R-Squared: 0.0107

F-statistic vs. constant model: 1.26, p-value = 0.275

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	7.6081	3	2.536	2.7286	0.045845
mean_APexc_mean	1.8976	1	1.8976	2.0416	0.15499
cond_char:mean_APexc_mean	6.5383	3	2.1794	2.3449	0.074958
Error	148.71	160	0.92942		
Total	156.88	167			

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)	-0.11921	0.51668	-0.23072	0.81783
cond_char_0.5	1.2018	0.88243	1.362	0.17512
cond_char_0.75	1.0086	0.93719	1.0762	0.28346
cond_char_1.0	1.4223	1.0049	1.4154	0.15891
mean_APexc_mean	11.975	7.9068	1.5145	0.13188

cond_char_0.5:mean_APexc_mean	-22.626	15.811	-1.431	0.15438
cond_char_0.75:mean_APexc_mean	-19.53	19.458	-1.0037	0.31705
cond_char_1.0:mean_APexc_mean	-28.124	23.797	-1.1818	0.23903

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.01

R-squared: 0.0254, Adjusted R-Squared: -0.0172

F-statistic vs. constant model: 0.597, p-value = 0.758

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.2749	3	1.0916	1.0609	0.36744
mean_APexc_mean	0.48178	1	0.48178	0.4682	0.49481
cond_char:mean_APexc_mean	3.4602	3	1.1534	1.1209	0.34236
Error	164.64	160	1.029		
Total	168.94	167			

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)	0.71598	0.58323	1.2276	0.2214
cond_char_0.5	-0.14421	0.99608	-0.14478	0.88507
cond_char_0.75	0.70234	1.0579	0.6639	0.50771
cond_char_1.0	-0.84969	1.1344	-0.74905	0.45493
mean_APexc_mean	8.8595	8.9252	0.99264	0.32239
cond_char_0.5:mean_APexc_mean	3.9898	17.848	0.22355	0.82339
cond_char_0.75:mean_APexc_mean	-14.804	21.964	-0.67402	0.50127
cond_char_1.0:mean_APexc_mean	26.095	26.862	0.97145	0.33279

Number of observations: 168, Error degrees of freedom: 160

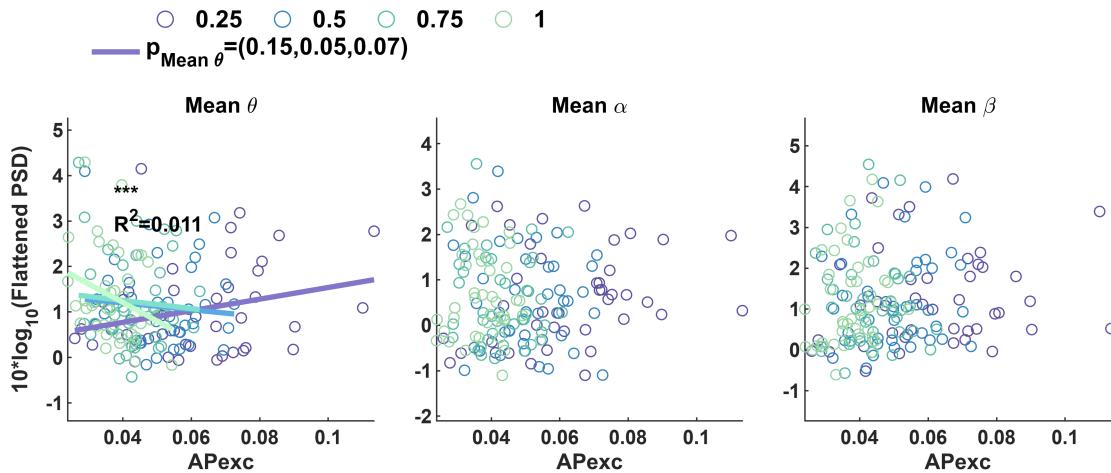
Root Mean Squared Error: 1.15

R-squared: 0.0236, Adjusted R-Squared: -0.0191

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

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.863	3	0.621	0.47363	0.70108
mean_APexc_mean	2.4741	1	2.4741	1.887	0.17147
cond_char:mean_APexc_mean	2.1649	3	0.72165	0.5504	0.64859
Error	209.78	160	1.3111		
Total	214.86	167			

CL6: Frontal_Sup_L



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)	0.95385	0.41557	2.2953	0.023015
cond_char_0.5	-0.44872	0.60393	-0.743	0.45857
cond_char_0.75	-0.44554	0.70692	-0.63026	0.52943
cond_char_1.0	-0.24532	0.78062	-0.31426	0.75373
mean_MLexc_COV	0.0084763	0.031969	0.26514	0.79124
cond_char_0.5:mean_MLexc_COV	0.037754	0.04457	0.84706	0.39823
cond_char_0.75:mean_MLexc_COV	0.038062	0.047983	0.79325	0.42881
cond_char_1.0:mean_MLexc_COV	0.02596	0.049122	0.52848	0.5979

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 0.971

R-squared: 0.0387, Adjusted R-Squared: -0.00335

F-statistic vs. constant model: 0.92, p-value = 0.492

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.64345	3	0.21448	0.22755	0.87712
mean_MLexc_COV	3.7254	1	3.7254	3.9524	0.048511
cond_char:mean_MLexc_COV	0.86159	3	0.2872	0.30469	0.82197
Error	150.81	160	0.94258		
Total	156.88	167			

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)	0.70305	0.43874	1.6024	0.11103
cond_char_0.5	-0.16995	0.6376	-0.26655	0.79016
cond_char_0.75	-0.23394	0.74633	-0.31345	0.75434
cond_char_1.0	-0.29071	0.82414	-0.35274	0.72474
mean_MLexc_COV	-0.0063121	0.033751	-0.18702	0.85188

<code>cond_char_0.5:mean_MLexc_COV</code>	0.0068056	0.047055	0.14463	0.88518
<code>cond_char_0.75:mean_MLexc_COV</code>	0.012454	0.050658	0.24584	0.80612
<code>cond_char_1.0:mean_MLexc_COV</code>	0.022591	0.051861	0.43561	0.66371

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.02

R-squared: 0.00498, Adjusted R-Squared: -0.0386

F-statistic vs. constant model: 0.114, p-value = 0.997

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.18581	3	0.061938	0.058954	0.98117
<code>mean_MLexc_COV</code>	0.055779	1	0.055779	0.053092	0.81806
<code>cond_char:mean_MLexc_COV</code>	0.21285	3	0.070949	0.067532	0.97709
<code>Error</code>	168.1	160	1.0506		
<code>Total</code>	168.94	167			

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)	1.4177	0.4955	2.8611	0.0047865
<code>cond_char_0.5</code>	-0.12511	0.72009	-0.17374	0.86229
<code>cond_char_0.75</code>	-0.21386	0.84288	-0.25373	0.80003
<code>cond_char_1.0</code>	-0.14654	0.93076	-0.15744	0.87509
<code>mean_MLexc_COV</code>	-0.012366	0.038118	-0.3244	0.74606
<code>cond_char_0.5:mean_MLexc_COV</code>	0.0074084	0.053143	0.13941	0.8893
<code>cond_char_0.75:mean_MLexc_COV</code>	0.0096669	0.057212	0.16897	0.86604
<code>cond_char_1.0:mean_MLexc_COV</code>	0.00745	0.05857	0.1272	0.89894

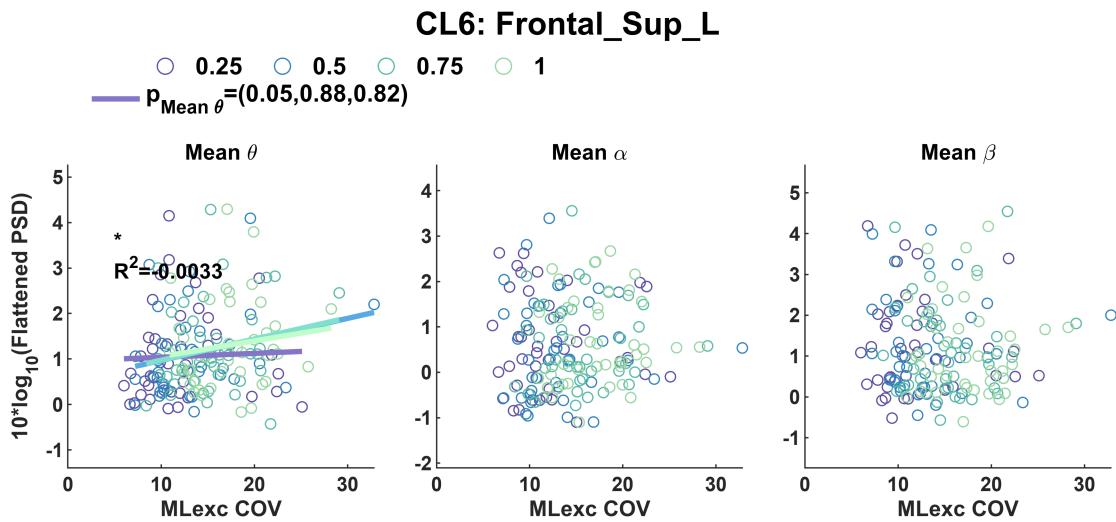
Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.16

R-squared: 0.00213, Adjusted R-Squared: -0.0415

F-statistic vs. constant model: 0.0488, p-value = 1

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.099714	3	0.033238	0.024804	0.9947
<code>mean_MLexc_COV</code>	0.12584	1	0.12584	0.093908	0.75966
<code>cond_char:mean_MLexc_COV</code>	0.046396	3	0.015465	0.011541	0.9983
<code>Error</code>	214.4	160	1.34		
<code>Total</code>	214.86	167			



CL6) 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)	1.256	0.57774	2.1741	0.031171
cond_char_0.5	0.19444	0.83059	0.2341	0.8152
cond_char_0.75	0.52417	0.87139	0.60153	0.54834
cond_char_1.0	0.54781	0.96891	0.56539	0.5726
mean_MLexc_mean	-1.6341	4.5695	-0.35762	0.7211
cond_char_0.5:mean_MLexc_mean	-1.899	7.6516	-0.24819	0.80431
cond_char_0.75:mean_MLexc_mean	-6.3285	10.2	-0.62044	0.53585
cond_char_1.0:mean_MLexc_mean	-7.491	14.627	-0.51212	0.60927

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 0.98

R-squared: 0.0198, Adjusted R-Squared: -0.0231

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

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.49371	3	0.16457	0.17123	0.9157
mean_MLexc_mean	1.4219	1	1.4219	1.4794	0.22566
cond_char:mean_MLexc_mean	0.54761	3	0.18254	0.18992	0.90314
Error	153.78	160	0.9611		
Total	156.88	167			

CL6) 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)	0.57424	0.60402	0.9507	0.34319
cond_char_0.5	0.12509	0.86837	0.14405	0.88564
cond_char_0.75	-0.23295	0.91102	-0.2557	0.79851
cond_char_1.0	-0.066828	1.013	-0.065972	0.94748
mean_MLexc_mean	0.42847	4.7774	0.089688	0.92865

<code>cond_char_0.5:mean_MLexc_mean</code>	-2.1262	7.9996	-0.26579	0.79074
<code>cond_char_0.75:mean_MLexc_mean</code>	2.7699	10.664	0.25975	0.79539
<code>cond_char_1.0:mean_MLexc_mean</code>	2.9564	15.293	0.19332	0.84695

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.02

R-squared: 0.00506, Adjusted R-Squared: -0.0385

F-statistic vs. constant model: 0.116, p-value = 0.997

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.16268	3	0.054226	0.051618	0.98447
<code>mean_MLexc_mean</code>	0.081069	1	0.081069	0.07717	0.78153
<code>cond_char:mean_MLexc_mean</code>	0.24689	3	0.082298	0.07834	0.97165
<code>Error</code>	168.08	160	1.0505		
<code>Total</code>	168.94	167			

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)	1.2576	0.67993	1.8496	0.066212
<code>cond_char_0.5</code>	-0.60776	0.97751	-0.62175	0.53499
<code>cond_char_0.75</code>	-0.31122	1.0255	-0.30347	0.76192
<code>cond_char_1.0</code>	-0.63783	1.1403	-0.55935	0.5767
<code>mean_MLexc_mean</code>	0.082782	5.3778	0.015393	0.98774
<code>cond_char_0.5:mean_MLexc_mean</code>	6.0514	9.005	0.672	0.50255
<code>cond_char_0.75:mean_MLexc_mean</code>	3.0181	12.004	0.25142	0.80181
<code>cond_char_1.0:mean_MLexc_mean</code>	10.234	17.215	0.59451	0.55301

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.15

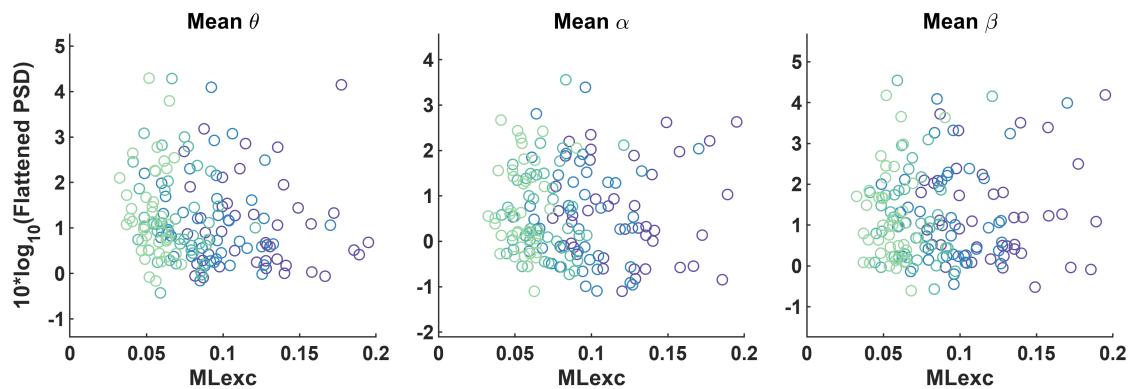
R-squared: 0.00872, Adjusted R-Squared: -0.0347

F-statistic vs. constant model: 0.201, p-value = 0.985

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.66671	3	0.22224	0.16695	0.91854
<code>mean_MLexc_mean</code>	1.1068	1	1.1068	0.83142	0.36323
<code>cond_char:mean_MLexc_mean</code>	0.90582	3	0.30194	0.22682	0.87763
<code>Error</code>	212.99	160	1.3312		
<code>Total</code>	214.86	167			

CL6: Frontal_Sup_L

○ 0.25
 ○ 0.5
 ○ 0.75
 ○ 1



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)	0.090655	0.64733	0.14004	0.8888
cond_char_0.5	0.82011	1.2473	0.6575	0.51181
cond_char_0.75	0.78824	1.5583	0.50584	0.61366
cond_char_1.0	1.6378	1.9474	0.84104	0.40158
mean_StepDur	0.81912	0.53381	1.5345	0.12688
cond_char_0.5:mean_StepDur	-0.56572	1.3957	-0.40533	0.68578
cond_char_0.75:mean_StepDur	-0.3013	2.1685	-0.13895	0.88967
cond_char_1.0:mean_StepDur	-1.544	3.1624	-0.48825	0.62604

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 0.978

R-squared: 0.025, Adjusted R-Squared: -0.0177

F-statistic vs. constant model: 0.585, p-value = 0.767

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.0193	3	0.33977	0.35539	0.7853
mean_StepDur	0.044525	1	0.044525	0.046572	0.82941
cond_char:mean_StepDur	0.36893	3	0.12298	0.12863	0.94299
Error	152.97	160	0.95605		
Total	156.88	167			

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)	0.14962	0.67744	0.22086	0.82548
cond_char_0.5	0.72822	1.3053	0.55788	0.57771
cond_char_0.75	1.0031	1.6307	0.61512	0.53935
cond_char_1.0	0.62981	2.038	0.30904	0.75769
mean_StepDur	0.4044	0.55863	0.72391	0.47018

<code>cond_char_0.5:mean_StepDur</code>	-0.81761	1.4606	-0.55977	0.57642
<code>cond_char_0.75:mean_StepDur</code>	-1.2826	2.2693	-0.56517	0.57275
<code>cond_char_1.0:mean_StepDur</code>	-0.55112	3.3095	-0.16653	0.86795

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.02

R-squared: 0.00836, Adjusted R-Squared: -0.035

F-statistic vs. constant model: 0.193, p-value = 0.987

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.62284	3	0.20761	0.19829	0.89744
<code>mean_StepDur</code>	0.063524	1	0.063524	0.06067	0.80576
<code>cond_char:mean_StepDur</code>	0.61873	3	0.20624	0.19698	0.89833
<code>Error</code>	167.53	160	1.047		
<code>Total</code>	168.94	167			

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)	0.91661	0.76303	1.2013	0.23142
<code>cond_char_0.5</code>	-1.0546	1.4703	-0.71729	0.47424
<code>cond_char_0.75</code>	0.77081	1.8368	0.41966	0.6753
<code>cond_char_1.0</code>	-0.064582	2.2955	-0.028135	0.97759
<code>mean_StepDur</code>	0.29773	0.62921	0.47318	0.63673
<code>cond_char_0.5:mean_StepDur</code>	1.3698	1.6452	0.83262	0.4063
<code>cond_char_0.75:mean_StepDur</code>	-1.081	2.556	-0.42293	0.67292
<code>cond_char_1.0:mean_StepDur</code>	0.27145	3.7276	0.072823	0.94204

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.15

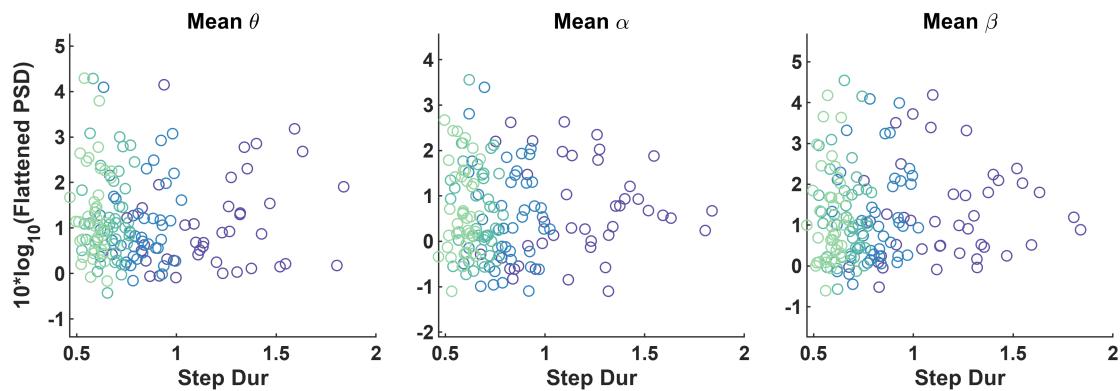
R-squared: 0.0109, Adjusted R-Squared: -0.0324

F-statistic vs. constant model: 0.251, p-value = 0.971

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.1446	3	0.38152	0.28722	0.83458
<code>mean_StepDur</code>	0.1823	1	0.1823	0.13724	0.71153
<code>cond_char:mean_StepDur</code>	1.2595	3	0.41984	0.31607	0.81375
<code>Error</code>	212.53	160	1.3283		
<code>Total</code>	214.86	167			

CL6: Frontal_Sup_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



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)	1.8872	0.65818	2.8673	0.0046985
cond_char_0.5	0.021576	0.98374	0.021933	0.98253
cond_char_0.75	-0.44725	1.0325	-0.43317	0.66548
cond_char_1.0	-0.01074	0.95642	-0.011229	0.99105
mean_UDexc_COV	-0.041764	0.032222	-1.2961	0.1968
cond_char_0.5:mean_UDexc_COV	-0.013963	0.059849	-0.2333	0.81583
cond_char_0.75:mean_UDexc_COV	0.02082	0.083041	0.25071	0.80236
cond_char_1.0:mean_UDexc_COV	-0.029556	0.090182	-0.32774	0.74354

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 0.974

R-squared: 0.032, Adjusted R-Squared: -0.0103

F-statistic vs. constant model: 0.756, p-value = 0.625

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.2436	3	0.081201	0.085554	0.96786
mean_UDexc_COV	2.067	1	2.067	2.1778	0.14198
cond_char:mean_UDexc_COV	0.23867	3	0.079557	0.083821	0.96878
Error	151.86	160	0.94913		
Total	156.88	167			

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)	1.3798	0.6675	2.0672	0.040328
cond_char_0.5	1.0132	0.99767	1.0156	0.31135
cond_char_0.75	0.17771	1.0471	0.16971	0.86545
cond_char_1.0	0.50415	0.96996	0.51976	0.60395
mean_UDexc_COV	-0.037882	0.032679	-1.1592	0.2481

cond_char_0.5:mean_UDexc_COV	-0.092765	0.060697	-1.5283	0.12841
cond_char_0.75:mean_UDexc_COV	-0.059472	0.084217	-0.70617	0.48111
cond_char_1.0:mean_UDexc_COV	-0.11016	0.09146	-1.2045	0.23017

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 0.988

R-squared: 0.0754, Adjusted R-Squared: 0.035

F-statistic vs. constant model: 1.87, p-value = 0.0786

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1128	3	0.37094	0.37998	0.76756
mean_UDexc_COV	9.8355	1	9.8355	10.075	0.0018026
cond_char:mean_UDexc_COV	3.2097	3	1.0699	1.096	0.35258
Error	156.19	160	0.97621		
Total	168.94	167			

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)	1.371	0.77574	1.7674	0.079068
cond_char_0.5	1.1647	1.1594	1.0045	0.31664
cond_char_0.75	0.091633	1.2169	0.075299	0.94007
cond_char_1.0	0.19244	1.1273	0.17072	0.86466
mean_UDexc_COV	-0.0051956	0.037978	-0.13681	0.89136
cond_char_0.5:mean_UDexc_COV	-0.08707	0.07054	-1.2343	0.21888
cond_char_0.75:mean_UDexc_COV	-0.024245	0.097874	-0.24772	0.80467
cond_char_1.0:mean_UDexc_COV	-0.041702	0.10629	-0.39234	0.69533

Number of observations: 168, Error degrees of freedom: 160

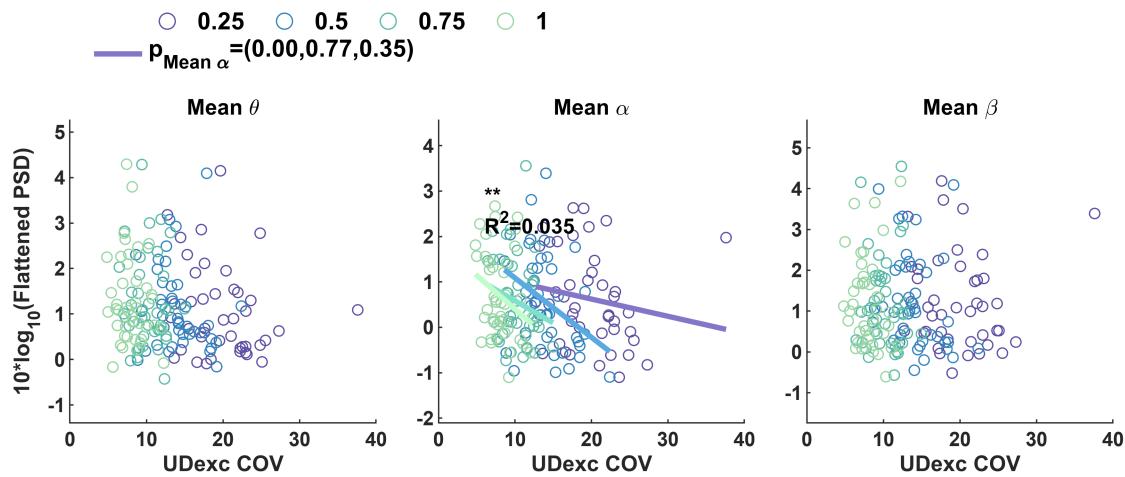
Root Mean Squared Error: 1.15

R-squared: 0.0182, Adjusted R-Squared: -0.0248

F-statistic vs. constant model: 0.423, p-value = 0.887

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.5959	3	0.53198	0.40348	0.75069
mean_UDexc_COV	1.734	1	1.734	1.3151	0.25318
cond_char:mean_UDexc_COV	2.0426	3	0.68088	0.51641	0.67156
Error	210.96	160	1.3185		
Total	214.86	167			

CL6: Frontal_Sup_L



CL6) 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)	1.1745	0.69275	1.6955	0.09193
cond_char_0.5	0.01539	1.0375	0.014834	0.98818
cond_char_0.75	0.71417	1.1572	0.61714	0.53802
cond_char_1.0	0.49195	1.1338	0.4339	0.66495
mean_UDexc_mean	-7.9769	45.73	-0.17444	0.86174
cond_char_0.5:mean_UDexc_mean	4.384	59.402	0.073803	0.94126
cond_char_0.75:mean_UDexc_mean	-16.266	56.663	-0.28707	0.77443
cond_char_1.0:mean_UDexc_mean	-2.15	51.942	-0.041393	0.96703

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 0.983

R-squared: 0.0142, Adjusted R-Squared: -0.0289

F-statistic vs. constant model: 0.329, p-value = 0.94

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.52684	3	0.17561	0.18168	0.90872
mean_UDexc_mean	0.38821	1	0.38821	0.40163	0.52715
cond_char:mean_UDexc_mean	0.19002	3	0.063341	0.065529	0.97806
Error	154.66	160	0.9666		
Total	156.88	167			

CL6) 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)	0.033729	0.71049	0.047472	0.9622
cond_char_0.5	-0.8948	1.0641	-0.84093	0.40164
cond_char_0.75	-0.60051	1.1869	-0.50597	0.61357
cond_char_1.0	0.33015	1.1628	0.28392	0.77684
mean_UDexc_mean	40.105	46.901	0.8551	0.39377

<code>cond_char_0.5:mean_UDexc_mean</code>	30.021	60.923	0.49278	0.62284
<code>cond_char_0.75:mean_UDexc_mean</code>	1.2641	58.115	0.021753	0.98267
<code>cond_char_1.0:mean_UDexc_mean</code>	-30.933	53.272	-0.58066	0.56229

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.01

R-squared: 0.0371, Adjusted R-Squared: -0.00508

F-statistic vs. constant model: 0.879, p-value = 0.524

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.3321	3	0.44402	0.43671	0.72703
<code>mean_UDexc_mean</code>	4.7545	1	4.7545	4.6762	0.032068
<code>cond_char:mean_UDexc_mean</code>	1.9135	3	0.63784	0.62734	0.59836
<code>Error</code>	162.68	160	1.0167		
<code>Total</code>	168.94	167			

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)	0.58345	0.80447	0.72526	0.46935
<code>cond_char_0.5</code>	-0.87899	1.2048	-0.72956	0.46672
<code>cond_char_0.75</code>	-0.11942	1.3439	-0.088862	0.9293
<code>cond_char_1.0</code>	-0.074072	1.3167	-0.056258	0.95521
<code>mean_UDexc_mean</code>	46.293	53.105	0.87173	0.38466
<code>cond_char_0.5:mean_UDexc_mean</code>	29.922	68.982	0.43376	0.66505
<code>cond_char_0.75:mean_UDexc_mean</code>	-20.749	65.802	-0.31533	0.75292
<code>cond_char_1.0:mean_UDexc_mean</code>	-27.445	60.319	-0.455	0.64973

Number of observations: 168, Error degrees of freedom: 160

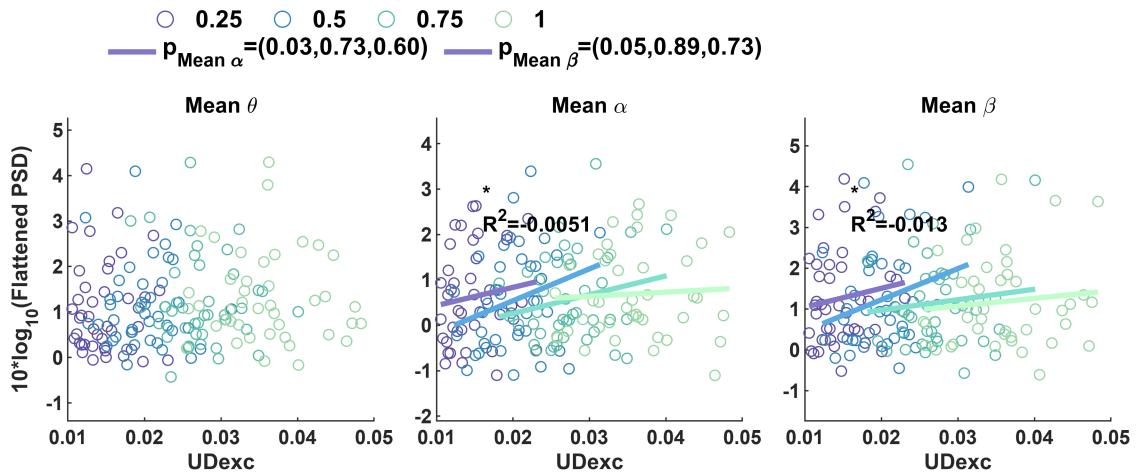
Root Mean Squared Error: 1.14

R-squared: 0.0293, Adjusted R-Squared: -0.0132

F-statistic vs. constant model: 0.69, p-value = 0.68

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.81914	3	0.27305	0.20947	0.88973
<code>mean_UDexc_mean</code>	5.1239	1	5.1239	3.9308	0.049121
<code>cond_char:mean_UDexc_mean</code>	1.6938	3	0.56461	0.43314	0.72956
<code>Error</code>	208.56	160	1.3035		
<code>Total</code>	214.86	167			

CL6: Frontal_Sup_L



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)	0.28263	0.61261	0.46135	0.64517
cond_char_0.5	0.52827	1.2143	0.43502	0.66413
cond_char_0.75	0.67436	1.5998	0.42153	0.67393
cond_char_1.0	1.7248	2.0724	0.83226	0.4065
mean_StanceDur	0.44122	0.33843	1.3037	0.19419
cond_char_0.5:mean_StanceDur	-0.16172	1.0026	-0.16129	0.87207
cond_char_0.75:mean_StanceDur	-0.12949	1.7361	-0.074588	0.94064
cond_char_1.0:mean_StanceDur	-1.3946	2.6924	-0.518	0.60517

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 0.979

R-squared: 0.0216, Adjusted R-Squared: -0.0212

F-statistic vs. constant model: 0.505, p-value = 0.83

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.83324	3	0.27775	0.28952	0.83293
mean_StanceDur	0.0005428	1	0.0005428	0.0005658	0.98105
cond_char:mean_StanceDur	0.27876	3	0.092921	0.096859	0.96167
Error	153.5	160	0.95935		
Total	156.88	167			

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)	0.22988	0.64057	0.35887	0.72017
cond_char_0.5	0.31588	1.2698	0.24877	0.80386
cond_char_0.75	0.65082	1.6728	0.38906	0.69775
cond_char_1.0	0.063959	2.167	0.029515	0.97649
mean_StanceDur	0.22611	0.35387	0.63894	0.52377

cond_char_0.5:mean_StanceDur	-0.23167	1.0484	-0.22097	0.8254
cond_char_0.75:mean_StanceDur	-0.5931	1.8153	-0.32673	0.7443
cond_char_1.0:mean_StanceDur	0.31435	2.8153	0.11166	0.91123

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.02

R-squared: 0.00657, Adjusted R-Squared: -0.0369

F-statistic vs. constant model: 0.151, p-value = 0.994

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.19313	3	0.064378	0.061375	0.98004
mean_StanceDur	0.013491	1	0.013491	0.012861	0.90985
cond_char:mean_StanceDur	0.17107	3	0.057025	0.054364	0.98325
Error	167.83	160	1.0489		
Total	168.94	167			

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)	1.0082	0.72027	1.3998	0.16351
cond_char_0.5	-1.2707	1.4278	-0.88999	0.37481
cond_char_0.75	0.33765	1.8809	0.17951	0.85776
cond_char_1.0	-0.78818	2.4366	-0.32347	0.74676
mean_StanceDur	0.14793	0.3979	0.37177	0.71056
cond_char_0.5:mean_StanceDur	1.2068	1.1788	1.0237	0.30752
cond_char_0.75:mean_StanceDur	-0.3607	2.0411	-0.17671	0.85996
cond_char_1.0:mean_StanceDur	1.1595	3.1655	0.36628	0.71464

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.15

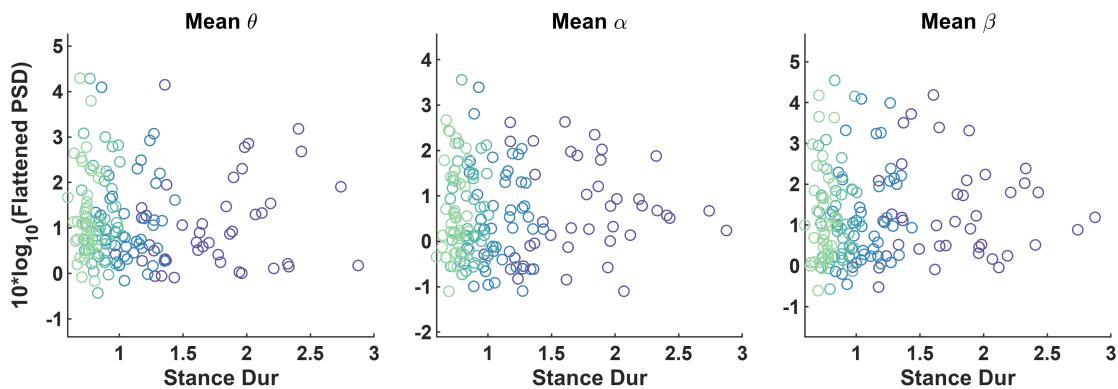
R-squared: 0.0125, Adjusted R-Squared: -0.0308

F-statistic vs. constant model: 0.288, p-value = 0.958

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.2877	3	0.42922	0.32365	0.80826
mean_StanceDur	0.58625	1	0.58625	0.44206	0.50709
cond_char:mean_StanceDur	1.6123	3	0.53742	0.40524	0.74943
Error	212.19	160	1.3262		
Total	214.86	167			

CL6: Frontal_Sup_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL6) 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)	0.088275	0.64725	0.13639	0.89169
cond_char_0.5	0.82808	1.2464	0.6644	0.50739
cond_char_0.75	0.78534	1.5622	0.50272	0.61585
cond_char_1.0	1.6683	1.9413	0.85938	0.39142
mean_GaitCycleDur	0.4103	0.26669	1.5385	0.1259
cond_char_0.5:mean_GaitCycleDur	-0.28706	0.69694	-0.41188	0.68098
cond_char_0.75:mean_GaitCycleDur	-0.14747	1.0873	-0.13563	0.89228
cond_char_1.0:mean_GaitCycleDur	-0.79653	1.5752	-0.50567	0.61379

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 0.978

R-squared: 0.0251, Adjusted R-Squared: -0.0176

F-statistic vs. constant model: 0.588, p-value = 0.765

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.0488	3	0.34959	0.36571	0.77785
mean_GaitCycleDur	0.04013	1	0.04013	0.04198	0.83792
cond_char:mean_GaitCycleDur	0.38858	3	0.12953	0.1355	0.93874
Error	152.95	160	0.95593		
Total	156.88	167			

CL6) 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)	0.14741	0.67739	0.21761	0.82801
cond_char_0.5	0.72691	1.3044	0.55727	0.57812
cond_char_0.75	0.99626	1.6349	0.60935	0.54315
cond_char_1.0	0.64212	2.0317	0.31605	0.75237
mean_GaitCycleDur	0.203	0.27911	0.72732	0.46809

cond_char_0.5:mean_GaitCycleDur	-0.40738	0.7294	-0.55852	0.57727
cond_char_0.75:mean_GaitCycleDur	-0.63531	1.1379	-0.5583	0.57742
cond_char_1.0:mean_GaitCycleDur	-0.28494	1.6486	-0.17284	0.863

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.02

R-squared: 0.00835, Adjusted R-Squared: -0.035

F-statistic vs. constant model: 0.192, p-value = 0.987

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.6189	3	0.2063	0.19703	0.8983
mean_GaitCycleDur	0.063426	1	0.063426	0.060576	0.8059
cond_char:mean_GaitCycleDur	0.61175	3	0.20392	0.19475	0.89985
Error	167.53	160	1.047		
Total	168.94	167			

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)	0.91287	0.76289	1.1966	0.23323
cond_char_0.5	-1.0586	1.469	-0.72057	0.47223
cond_char_0.75	0.7807	1.8413	0.424	0.67214
cond_char_1.0	-0.12787	2.2881	-0.055886	0.9555
mean_GaitCycleDur	0.15035	0.31434	0.47831	0.63308
cond_char_0.5:mean_GaitCycleDur	0.6878	0.82146	0.83729	0.40368
cond_char_0.75:mean_GaitCycleDur	-0.54656	1.2816	-0.42648	0.67033
cond_char_1.0:mean_GaitCycleDur	0.1912	1.8566	0.10298	0.91811

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.15

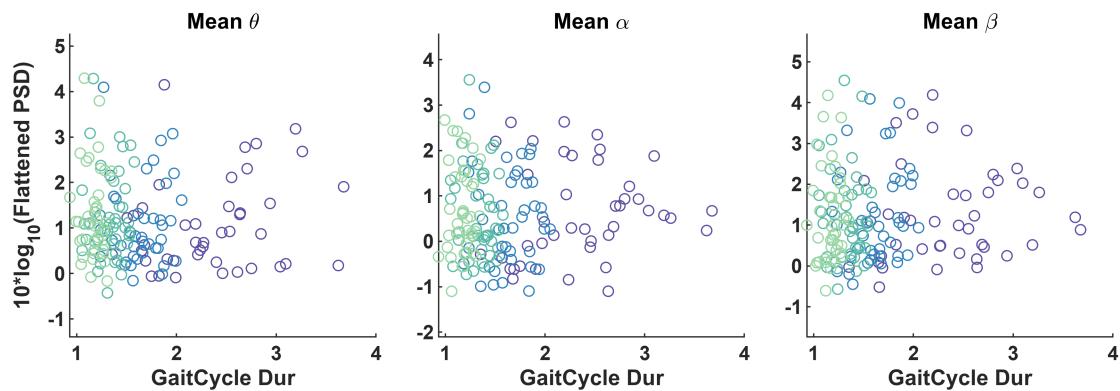
R-squared: 0.0111, Adjusted R-Squared: -0.0322

F-statistic vs. constant model: 0.256, p-value = 0.97

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1565	3	0.3855	0.29028	0.83238
mean_GaitCycleDur	0.20805	1	0.20805	0.15666	0.69278
cond_char:mean_GaitCycleDur	1.2788	3	0.42626	0.32097	0.8102
Error	212.49	160	1.328		
Total	214.86	167			

CL6: Frontal_Sup_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



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)	2.4571	0.70476	3.4864	0.00063209
cond_char_0.5	-1.5116	1.0545	-1.4334	0.15368
cond_char_0.75	-0.94506	1.1066	-0.85402	0.39437
cond_char_1.0	-0.88161	1.1152	-0.79057	0.43036
mean_PeakUpDownVel_mean	-12.006	5.9035	-2.0337	0.043633
cond_char_0.5:mean_PeakUpDownVel_mean	12.869	7.0469	1.8262	0.069685
cond_char_0.75:mean_PeakUpDownVel_mean	11.031	6.5614	1.6812	0.09467
cond_char_1.0:mean_PeakUpDownVel_mean	11.335	6.2642	1.8095	0.072254

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 0.972

R-squared: 0.0362, Adjusted R-Squared: -0.00595

F-statistic vs. constant model: 0.859, p-value = 0.54

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.028	3	0.67599	0.71532	0.5442
mean_PeakUpDownVel_mean	2.4831	1	2.4831	2.6275	0.10699
cond_char:mean_PeakUpDownVel_mean	3.5029	3	1.1676	1.2356	0.29867
Error	151.2	160	0.94502		
Total	156.88	167			

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)	1.3251	0.73415	1.805	0.072957
cond_char_0.5	-1.9555	1.0985	-1.7802	0.076937
cond_char_0.75	-1.6544	1.1527	-1.4352	0.15319
cond_char_1.0	-0.81196	1.1617	-0.69897	0.48558
mean_PeakUpDownVel_mean	-5.9892	6.1497	-0.9739	0.33158

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	11.837	7.3407	1.6125	0.10882
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	9.0344	6.835	1.3218	0.18813
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	6.4325	6.5254	0.98576	0.32574

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.01

R-squared: 0.0288, Adjusted R-Squared: -0.0137

F-statistic vs. constant model: 0.677, p-value = 0.691

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.9004	3	1.3001	1.2679	0.28731
<code>mean_PeakUpDownVel_mean</code>	0.17008	1	0.17008	0.16586	0.68436
<code>cond_char:mean_PeakUpDownVel_mean</code>	3.2414	3	1.0805	1.0536	0.37057
<code>Error</code>	164.08	160	1.0255		
<code>Total</code>	168.94	167			

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
(Intercept)	1.3409	0.83805	1.6	0.11157
<code>cond_char_0.5</code>	-0.682	1.2539	-0.54389	0.58727
<code>cond_char_0.75</code>	-0.48277	1.3159	-0.36688	0.71419
<code>cond_char_1.0</code>	-0.47904	1.3261	-0.36125	0.71839
<code>mean_PeakUpDownVel_mean</code>	-0.62717	7.02	-0.08934	0.92892
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	3.4657	8.3797	0.41358	0.67973
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	1.664	7.8024	0.21326	0.83139
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	1.4258	7.4489	0.1914	0.84845

Number of observations: 168, Error degrees of freedom: 160

Root Mean Squared Error: 1.16

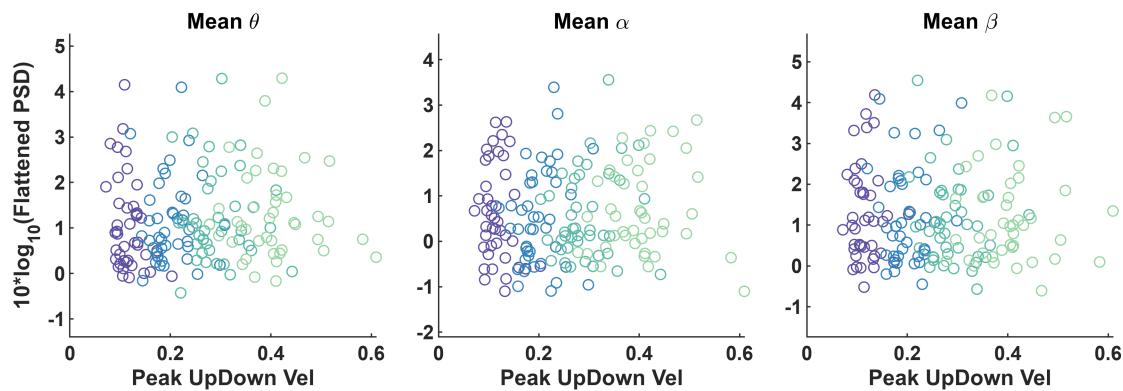
R-squared: 0.00492, Adjusted R-Squared: -0.0386

F-statistic vs. constant model: 0.113, p-value = 0.997

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.44095	3	0.14698	0.10999	0.95416
<code>mean_PeakUpDownVel_mean</code>	0.24861	1	0.24861	0.18605	0.66681
<code>cond_char:mean_PeakUpDownVel_mean</code>	0.29365	3	0.097884	0.073251	0.97425
<code>Error</code>	213.81	160	1.3363		
<code>Total</code>	214.86	167			

CL6: Frontal_Sup_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL7) 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)	0.70011	0.30388	2.3039	0.022658
cond_char_0.5	0.01194	0.5738	0.020809	0.98343
cond_char_0.75	-0.1281	0.56481	-0.22681	0.8209
cond_char_1.0	-0.17154	0.47554	-0.36072	0.71884
mean_APexc_COV	-0.0083027	0.01255	-0.66159	0.50929
cond_char_0.5:mean_APexc_COV	-0.0012594	0.026359	-0.047779	0.96196
cond_char_0.75:mean_APexc_COV	0.010744	0.027548	0.39002	0.6971
cond_char_1.0:mean_APexc_COV	0.0096628	0.022062	0.43798	0.66205

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.693

R-squared: 0.00817, Adjusted R-Squared: -0.04

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

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.08301	3	0.02767	0.057687	0.98174
mean_APexc_COV	0.05836	1	0.05836	0.12167	0.72774
cond_char:mean_APexc_COV	0.15471	3	0.051571	0.10752	0.95559
Error	69.071	144	0.47966		
Total	69.64	151			

CL7) 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)	2.484	0.9499	2.615	0.0098716
cond_char_0.5	-1.6548	1.7936	-0.92259	0.35777
cond_char_0.75	-1.1818	1.7655	-0.66935	0.50434
cond_char_1.0	-0.72939	1.4865	-0.49067	0.6244
mean_APexc_COV	0.00901	0.039229	0.22968	0.81867

<code>cond_char_0.5:mean_APexc_COV</code>	0.069897	0.082397	0.8483	0.39768
<code>cond_char_0.75:mean_APexc_COV</code>	0.052491	0.086114	0.60955	0.54312
<code>cond_char_1.0:mean_APexc_COV</code>	0.025122	0.068964	0.36427	0.71619

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 2.16

R-squared: 0.018, Adjusted R-Squared: -0.0298

F-statistic vs. constant model: 0.376, p-value = 0.915

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.8593	3	1.6198	0.3456	0.79238
<code>mean_APexc_COV</code>	9.9416	1	9.9416	2.1212	0.14745
<code>cond_char:mean_APexc_COV</code>	4.2742	3	1.4247	0.30399	0.82248
<code>Error</code>	674.91	144	4.6869		
<code>Total</code>	687.25	151			

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)	1.3574	0.42177	3.2184	0.001593
<code>cond_char_0.5</code>	0.32829	0.7964	0.41221	0.6808
<code>cond_char_0.75</code>	0.069677	0.78392	0.088883	0.9293
<code>cond_char_1.0</code>	0.11336	0.66003	0.17176	0.86387
<code>mean_APexc_COV</code>	-0.018069	0.017418	-1.0374	0.3013
<code>cond_char_0.5:mean_APexc_COV</code>	-0.020471	0.036585	-0.55954	0.57666
<code>cond_char_0.75:mean_APexc_COV</code>	-0.013239	0.038235	-0.34624	0.72967
<code>cond_char_1.0:mean_APexc_COV</code>	-0.015787	0.030621	-0.51557	0.60694

Number of observations: 152, Error degrees of freedom: 144

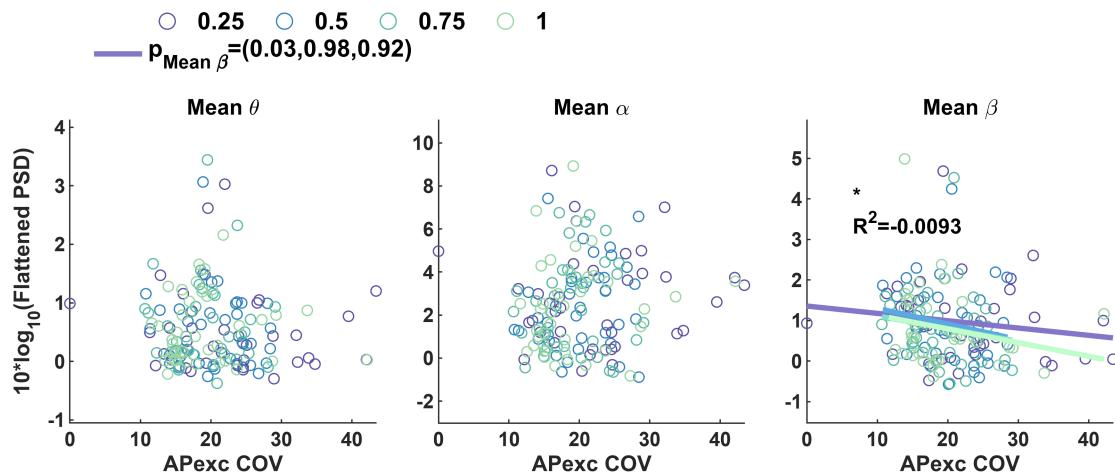
Root Mean Squared Error: 0.961

R-squared: 0.0375, Adjusted R-Squared: -0.00934

F-statistic vs. constant model: 0.8, p-value = 0.588

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.15963	3	0.053209	0.057586	0.98179
<code>mean_APexc_COV</code>	4.3758	1	4.3758	4.7357	0.031173
<code>cond_char:mean_APexc_COV</code>	0.44313	3	0.14771	0.15986	0.92317
<code>Error</code>	133.06	144	0.924		
<code>Total</code>	138.23	151			

CL7: Rolandic_Oper_L



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)	0.66857	0.34972	1.9117	0.057897
cond_char_0.5	-0.48933	0.67502	-0.72491	0.46968
cond_char_0.75	-0.50745	0.78297	-0.64812	0.51794
cond_char_1.0	0.11797	0.63323	0.1863	0.85247
mean_APexc_mean	-2.5872	5.5201	-0.46868	0.64001
cond_char_0.5:mean_APexc_mean	9.4841	12.824	0.73954	0.46078
cond_char_0.75:mean_APexc_mean	13.9	17.988	0.77277	0.44092
cond_char_1.0:mean_APexc_mean	-3.6216	14.875	-0.24347	0.80799

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.691

R-squared: 0.0122, Adjusted R-Squared: -0.0358

F-statistic vs. constant model: 0.254, p-value = 0.97

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.49482	3	0.16494	0.34528	0.79262
mean_APexc_mean	0.065303	1	0.065303	0.1367	0.71213
cond_char:mean_APexc_mean	0.57234	3	0.19078	0.39936	0.75366
Error	68.79	144	0.47771		
Total	69.64	151			

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)	2.7029	1.0945	2.4695	0.014698
cond_char_0.5	1.1925	2.1126	0.56447	0.57331
cond_char_0.75	2.6213	2.4504	1.0697	0.28653
cond_char_1.0	0.13627	1.9818	0.068763	0.94527
mean_APexc_mean	-0.26875	17.276	-0.015557	0.98761

<code>cond_char_0.5:mean_APexc_mean</code>	-29.448	40.135	-0.73371	0.46432
<code>cond_char_0.75:mean_APexc_mean</code>	-70.579	56.295	-1.2537	0.21197
<code>cond_char_1.0:mean_APexc_mean</code>	-11.237	46.553	-0.24139	0.8096

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 2.16

R-squared: 0.0196, Adjusted R-Squared: -0.028

F-statistic vs. constant model: 0.412, p-value = 0.894

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	6.242	3	2.0807	0.44469	0.72143
<code>mean_APexc_mean</code>	9.2986	1	9.2986	1.9873	0.16077
<code>cond_char:mean_APexc_mean</code>	8.8926	3	2.9642	0.63352	0.59455
<code>Error</code>	673.76	144	4.6789		
<code>Total</code>	687.25	151			

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)	0.34726	0.48669	0.71351	0.47668
<code>cond_char_0.5</code>	-0.27346	0.93941	-0.2911	0.77139
<code>cond_char_0.75</code>	-0.92118	1.0896	-0.84541	0.39929
<code>cond_char_1.0</code>	0.56144	0.88125	0.6371	0.52507
<code>mean_APexc_mean</code>	10.059	7.6822	1.3093	0.19251
<code>cond_char_0.5:mean_APexc_mean</code>	6.7923	17.847	0.38058	0.70407
<code>cond_char_0.75:mean_APexc_mean</code>	24.859	25.033	0.99305	0.32235
<code>cond_char_1.0:mean_APexc_mean</code>	-12.4	20.701	-0.59902	0.5501

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.962

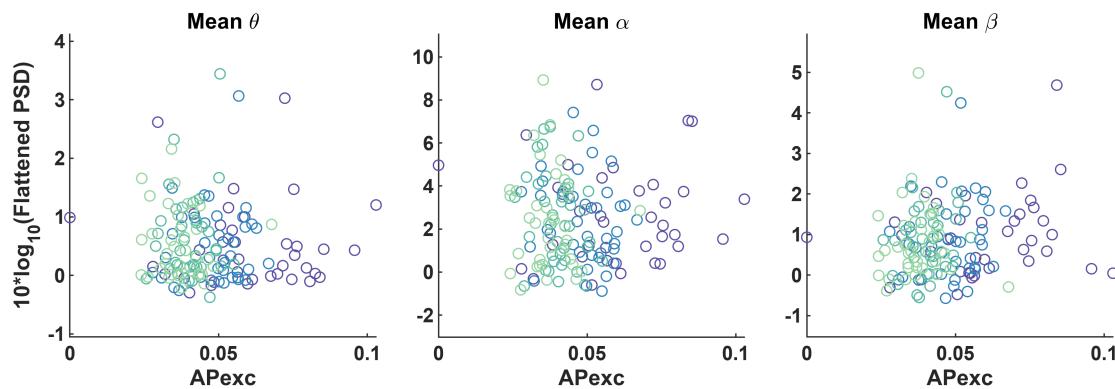
R-squared: 0.0362, Adjusted R-Squared: -0.0106

F-statistic vs. constant model: 0.773, p-value = 0.611

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.4603	3	0.48677	0.52613	0.66502
<code>mean_APexc_mean</code>	2.6072	1	2.6072	2.818	0.095382
<code>cond_char:mean_APexc_mean</code>	1.5082	3	0.50273	0.54337	0.65338
<code>Error</code>	133.23	144	0.9252		
<code>Total</code>	138.23	151			

CL7: Rolandic_Oper_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL7) 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)	0.83805	0.24726	3.3894	0.00090385
cond_char_0.5	0.075402	0.42727	0.17647	0.86017
cond_char_0.75	0.0038887	0.48075	0.0080889	0.99356
cond_char_1.0	-0.13447	0.49545	-0.27141	0.78646
mean_MLexc_COV	-0.027369	0.018619	-1.4699	0.14376
cond_char_0.5:mean_MLexc_COV	-0.0055928	0.03316	-0.16866	0.8663
cond_char_0.75:mean_MLexc_COV	0.010892	0.034651	0.31432	0.75373
cond_char_1.0:mean_MLexc_COV	0.018201	0.0316	0.57598	0.56553

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.685

R-squared: 0.0311, Adjusted R-Squared: -0.016

F-statistic vs. constant model: 0.661, p-value = 0.705

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.067849	3	0.022616	0.048269	0.9859
mean_MLexc_COV	1.3292	1	1.3292	2.8369	0.09429
cond_char:mean_MLexc_COV	0.24779	3	0.082597	0.17628	0.91232
Error	67.472	144	0.46855		
Total	69.64	151			

CL7) 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)	3.0165	0.78641	3.8358	0.00018662
cond_char_0.5	-0.40857	1.359	-0.30065	0.76412
cond_char_0.75	-0.05898	1.5291	-0.038573	0.96928
cond_char_1.0	-0.001949	1.5758	-0.0012369	0.99901
mean_MLexc_COV	-0.027794	0.059218	-0.46935	0.63953

<code>cond_char_0.5:mean_MLexc_COV</code>	0.013953	0.10547	0.1323	0.89493
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.0086424	0.11021	-0.078418	0.9376
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.0094609	0.10051	-0.094132	0.92513

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 2.18

R-squared: 0.00685, Adjusted R-Squared: -0.0414

F-statistic vs. constant model: 0.142, p-value = 0.995

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.4729	3	0.15763	0.033257	0.99183
<code>mean_MLexc_COV</code>	2.3917	1	2.3917	0.5046	0.47863
<code>cond_char:mean_MLexc_COV</code>	0.22395	3	0.074649	0.015749	0.99729
<code>Error</code>	682.54	144	4.7398		
<code>Total</code>	687.25	151			

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)	0.98771	0.35227	2.8039	0.0057463
<code>cond_char_0.5</code>	-0.014206	0.60873	-0.023337	0.98141
<code>cond_char_0.75</code>	0.12192	0.68493	0.17801	0.85897
<code>cond_char_1.0</code>	0.30849	0.70587	0.43703	0.66274
<code>mean_MLexc_COV</code>	-0.0031054	0.026526	-0.11707	0.90697
<code>cond_char_0.5:mean_MLexc_COV</code>	-0.0031433	0.047243	-0.066535	0.94704
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.017002	0.049368	-0.34439	0.73105
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.026135	0.045021	-0.5805	0.56248

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.975

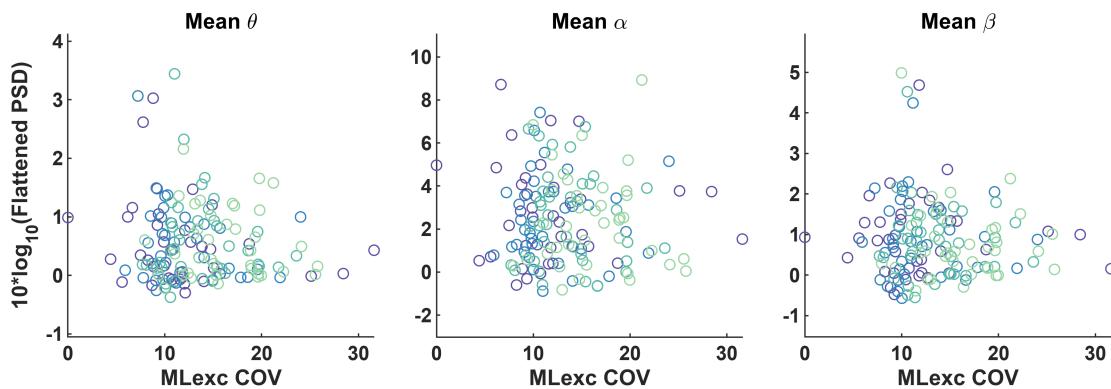
R-squared: 0.00925, Adjusted R-Squared: -0.0389

F-statistic vs. constant model: 0.192, p-value = 0.987

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.21618	3	0.072058	0.075766	0.97296
<code>mean_MLexc_COV</code>	0.61967	1	0.61967	0.65155	0.42089
<code>cond_char:mean_MLexc_COV</code>	0.37673	3	0.12558	0.13204	0.94087
<code>Error</code>	136.95	144	0.95107		
<code>Total</code>	138.23	151			

CL7: Rolandic_Oper_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL7) 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)	0.25324	0.36792	0.68831	0.49237
cond_char_0.5	-0.17415	0.56384	-0.30886	0.75787
cond_char_0.75	-0.069423	0.6071	-0.11435	0.90912
cond_char_1.0	0.2026	0.60034	0.33748	0.73624
mean_MLexc_mean	2.1765	2.9339	0.74184	0.4594
cond_char_0.5:mean_MLexc_mean	2.4325	5.2418	0.46405	0.64331
cond_char_0.75:mean_MLexc_mean	3.8841	7.1836	0.54069	0.58955
cond_char_1.0:mean_MLexc_mean	-0.44342	8.6013	-0.051553	0.95896

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.688

R-squared: 0.0214, Adjusted R-Squared: -0.0262

F-statistic vs. constant model: 0.45, p-value = 0.869

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.17202	3	0.057341	0.12116	0.94752
mean_MLexc_mean	0.74047	1	0.74047	1.5646	0.21302
cond_char:mean_MLexc_mean	0.21304	3	0.071014	0.15005	0.92952
Error	68.15	144	0.47327		
Total	69.64	151			

CL7) 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)	2.113	1.1637	1.8158	0.071478
cond_char_0.5	0.74752	1.7833	0.41917	0.67572
cond_char_0.75	0.33355	1.9201	0.17371	0.86234
cond_char_1.0	-0.6355	1.8988	-0.33469	0.73834
mean_MLexc_mean	4.8015	9.2794	0.51743	0.60565

<code>cond_char_0.5:mean_MLexc_mean</code>	-9.2162	16.579	-0.55589	0.57915
<code>cond_char_0.75:mean_MLexc_mean</code>	-4.5788	22.721	-0.20153	0.84057
<code>cond_char_1.0:mean_MLexc_mean</code>	11.541	27.204	0.42424	0.67202

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 2.18

R-squared: 0.00802, Adjusted R-Squared: -0.0402

F-statistic vs. constant model: 0.166, p-value = 0.991

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.3638	3	0.78795	0.16643	0.91886
<code>mean_MLexc_mean</code>	1.0012	1	1.0012	0.21147	0.64631
<code>cond_char:mean_MLexc_mean</code>	2.9266	3	0.97554	0.20606	0.89207
<code>Error</code>	681.74	144	4.7343		
<code>Total</code>	687.25	151			

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)	0.89317	0.52114	1.7139	0.088703
<code>cond_char_0.5</code>	0.5866	0.79866	0.73448	0.46385
<code>cond_char_0.75</code>	0.17358	0.85993	0.20185	0.84032
<code>cond_char_1.0</code>	0.035954	0.85036	0.042281	0.96633
<code>mean_MLexc_mean</code>	0.48285	4.1558	0.11619	0.90767
<code>cond_char_0.5:mean_MLexc_mean</code>	-6.6072	7.4249	-0.88987	0.37502
<code>cond_char_0.75:mean_MLexc_mean</code>	-3.6971	10.175	-0.36334	0.71689
<code>cond_char_1.0:mean_MLexc_mean</code>	-2.3746	12.183	-0.1949	0.84574

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.974

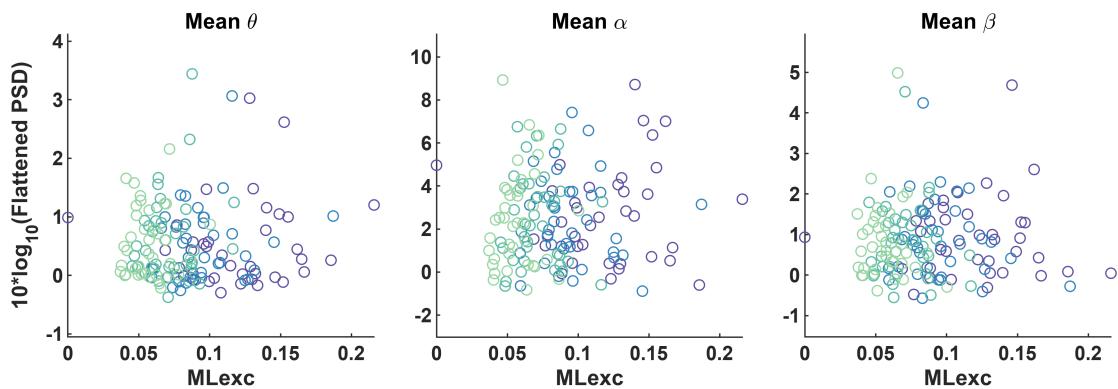
R-squared: 0.0108, Adjusted R-Squared: -0.0372

F-statistic vs. constant model: 0.225, p-value = 0.979

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.58444	3	0.19481	0.20516	0.89269
<code>mean_MLexc_mean</code>	0.4024	1	0.4024	0.42378	0.51609
<code>cond_char:mean_MLexc_mean</code>	0.77762	3	0.25921	0.27298	0.84481
<code>Error</code>	136.73	144	0.94955		
<code>Total</code>	138.23	151			

CL7: Rolandic_Oper_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



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)	0.34772	0.50576	0.68752	0.49286
cond_char_0.5	-0.45102	0.97617	-0.46203	0.64476
cond_char_0.75	-0.57963	1.3445	-0.43112	0.66702
cond_char_1.0	0.37645	1.6756	0.22466	0.82256
mean_StepDur	0.14486	0.43143	0.33578	0.73753
cond_char_0.5:mean_StepDur	0.63214	1.1231	0.56287	0.5744
cond_char_0.75:mean_StepDur	1.1403	1.9248	0.59242	0.5545
cond_char_1.0:mean_StepDur	-0.43446	2.7566	-0.15761	0.87499

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.691

R-squared: 0.0118, Adjusted R-Squared: -0.0362

F-statistic vs. constant model: 0.246, p-value = 0.973

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.21238	3	0.070792	0.14813	0.93075
mean_StepDur	0.1441	1	0.1441	0.30153	0.58378
cond_char:mean_StepDur	0.31461	3	0.10487	0.21944	0.88278
Error	68.818	144	0.4779		
Total	69.64	151			

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)	3.6577	1.5709	2.3284	0.02128
cond_char_0.5	2.1982	3.032	0.72502	0.46962
cond_char_0.75	4.7365	4.1758	1.1343	0.25857
cond_char_1.0	0.57296	5.2044	0.11009	0.91249
mean_StepDur	-0.84939	1.34	-0.63387	0.52717

cond_char_0.5:mean_StepDur	-3.4299	3.4882	-0.98327	0.32712
cond_char_0.75:mean_StepDur	-8.1191	5.9783	-1.3581	0.17656
cond_char_1.0:mean_StepDur	-2.2623	8.5619	-0.26423	0.79198

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 2.15

R-squared: 0.034, Adjusted R-Squared: -0.013

F-statistic vs. constant model: 0.724, p-value = 0.652

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	7.1861	3	2.3954	0.51957	0.66948
mean_StepDur	11.607	1	11.607	2.5177	0.11477
cond_char:mean_StepDur	12.118	3	4.0394	0.87616	0.45508
Error	663.89	144	4.6103		
Total	687.25	151			

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)	-0.055113	0.70786	-0.077859	0.93805
cond_char_0.5	0.1223	1.3662	0.089515	0.9288
cond_char_0.75	-0.10635	1.8817	-0.056517	0.95501
cond_char_1.0	-0.26032	2.3452	-0.111	0.91177
mean_StepDur	0.88003	0.60382	1.4574	0.14717
cond_char_0.5:mean_StepDur	0.16154	1.5718	0.10277	0.91829
cond_char_0.75:mean_StepDur	0.62877	2.6939	0.2334	0.81578
cond_char_1.0:mean_StepDur	1.0621	3.8581	0.27528	0.7835

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.968

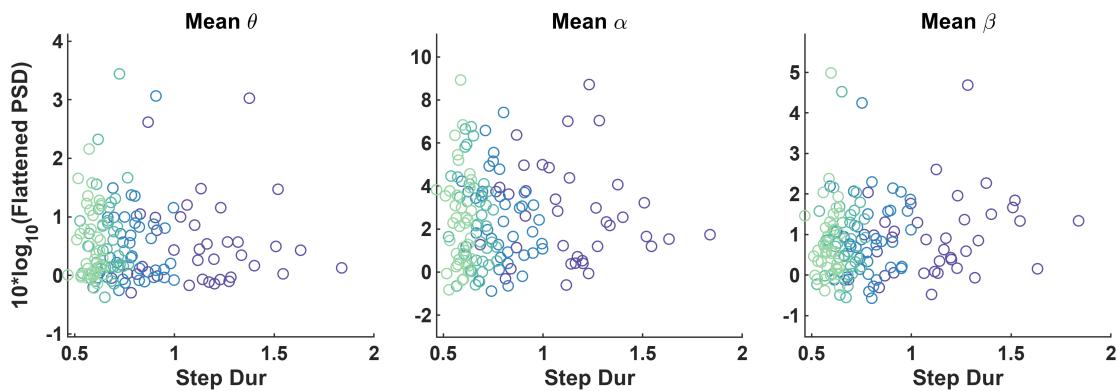
R-squared: 0.0248, Adjusted R-Squared: -0.0226

F-statistic vs. constant model: 0.523, p-value = 0.816

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.026426	3	0.0088086	0.0094095	0.99874
mean_StepDur	1.1313	1	1.1313	1.2085	0.27346
cond_char:mean_StepDur	0.12216	3	0.040721	0.043498	0.98789
Error	134.8	144	0.93614		
Total	138.23	151			

CL7: Rolandic_Oper_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL7) 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)	0.47471	0.43735	1.0854	0.27954
cond_char_0.5	-0.27476	0.75155	-0.3656	0.7152
cond_char_0.75	0.58659	0.69998	0.83802	0.40341
cond_char_1.0	0.49859	0.65335	0.76312	0.44664
mean_UDexc_COV	0.0020611	0.022575	0.091298	0.92738
cond_char_0.5:mean_UDexc_COV	0.021016	0.049255	0.42668	0.67025
cond_char_0.75:mean_UDexc_COV	-0.046637	0.058344	-0.79934	0.42541
cond_char_1.0:mean_UDexc_COV	-0.05668	0.065627	-0.86367	0.38921

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.69

R-squared: 0.0159, Adjusted R-Squared: -0.0319

F-statistic vs. constant model: 0.332, p-value = 0.938

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.80308	3	0.26769	0.56248	0.64063
mean_UDexc_COV	0.28627	1	0.28627	0.6015	0.43928
cond_char:mean_UDexc_COV	0.80796	3	0.26932	0.56589	0.63836
Error	68.533	144	0.47592		
Total	69.64	151			

CL7) 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)	4.0293	1.351	2.9826	0.003358
cond_char_0.5	-1.0167	2.3215	-0.43793	0.66209
cond_char_0.75	0.88959	2.1622	0.41143	0.68137
cond_char_1.0	1.1393	2.0182	0.5645	0.57329
mean_UDexc_COV	-0.071689	0.069735	-1.028	0.30566

cond_char_0.5:mean_UDexc_COV	0.030065	0.15215	0.1976	0.84363
cond_char_0.75:mean_UDexc_COV	-0.17535	0.18022	-0.97296	0.3322
cond_char_1.0:mean_UDexc_COV	-0.2883	0.20272	-1.4221	0.15715

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 2.13

R-squared: 0.0485, Adjusted R-Squared: 0.00224

F-statistic vs. constant model: 1.05, p-value = 0.4

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.4033	3	1.4678	0.32322	0.80857
mean_UDexc_COV	27.085	1	27.085	5.9644	0.015809
cond_char:mean_UDexc_COV	13.451	3	4.4837	0.98737	0.40063
Error	653.92	144	4.5411		
Total	687.25	151			

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)	1.4723	0.6006	2.4514	0.015426
cond_char_0.5	0.67982	1.0321	0.65868	0.51115
cond_char_0.75	0.7917	0.96127	0.8236	0.41153
cond_char_1.0	0.40829	0.89724	0.45505	0.64976
mean_UDexc_COV	-0.027845	0.031003	-0.89814	0.37061
cond_char_0.5:mean_UDexc_COV	-0.063509	0.067642	-0.9389	0.34935
cond_char_0.75:mean_UDexc_COV	-0.11573	0.080123	-1.4444	0.15081
cond_char_1.0:mean_UDexc_COV	-0.11037	0.090125	-1.2247	0.2227

Number of observations: 152, Error degrees of freedom: 144

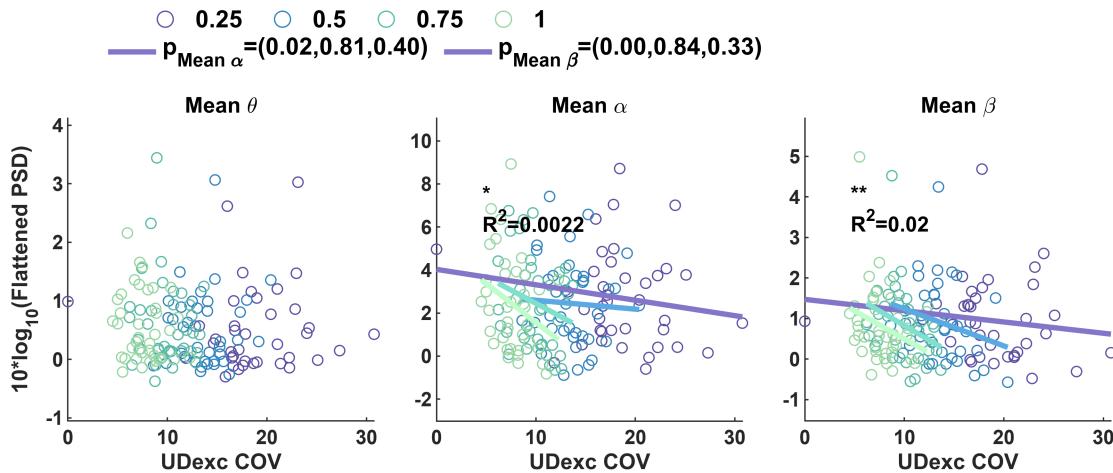
Root Mean Squared Error: 0.947

R-squared: 0.065, Adjusted R-Squared: 0.0196

F-statistic vs. constant model: 1.43, p-value = 0.198

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.74247	3	0.24749	0.27574	0.84283
mean_UDexc_COV	8.3929	1	8.3929	9.3509	0.0026579
cond_char:mean_UDexc_COV	3.1237	3	1.0412	1.1601	0.32721
Error	129.25	144	0.89755		
Total	138.23	151			

CL7: Rolandic_Oper_L



CL7) 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)	0.81865	0.32309	2.5338	0.012353
cond_char_0.5	-0.1901	0.61642	-0.3084	0.75822
cond_char_0.75	-0.57394	0.71618	-0.80139	0.42422
cond_char_1.0	-0.98183	0.75057	-1.3081	0.19292
mean_UDexc_mean	-21.068	20.921	-1.007	0.31561
cond_char_0.5:mean_UDexc_mean	15.511	32.974	0.4704	0.63878
cond_char_0.75:mean_UDexc_mean	34.735	31.119	1.1162	0.26619
cond_char_1.0:mean_UDexc_mean	40.994	27.959	1.4662	0.14477

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.688

R-squared: 0.0213, Adjusted R-Squared: -0.0262

F-statistic vs. constant model: 0.448, p-value = 0.87

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.96206	3	0.32069	0.67756	0.56714
mean_UDexc_mean	0.011709	1	0.011709	0.024739	0.87524
cond_char:mean_UDexc_mean	1.1753	3	0.39176	0.82773	0.48064
Error	68.154	144	0.47329		
Total	69.64	151			

CL7) 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)	2.87	1.0089	2.8447	0.0050928
cond_char_0.5	0.73215	1.9248	0.38037	0.70423
cond_char_0.75	-0.83301	2.2363	-0.37249	0.71007
cond_char_1.0	-4.5901	2.3437	-1.9585	0.052107
mean_UDexc_mean	-12.645	65.327	-0.19357	0.84679

<code>cond_char_0.5:mean_UDexc_mean</code>	-45.029	102.96	-0.43734	0.66252
<code>cond_char_0.75:mean_UDexc_mean</code>	28.22	97.17	0.29042	0.77191
<code>cond_char_1.0:mean_UDexc_mean</code>	127.27	87.305	1.4578	0.14708

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 2.15

R-squared: 0.033, Adjusted R-Squared: -0.014

F-statistic vs. constant model: 0.703, p-value = 0.669

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	21.115	3	7.0382	1.5251	0.21054
<code>mean_UDexc_mean</code>	0.86503	1	0.86503	0.18744	0.6657
<code>cond_char:mean_UDexc_mean</code>	17.595	3	5.8651	1.2709	0.28668
<code>Error</code>	664.54	144	4.6148		
<code>Total</code>	687.25	151			

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)	0.91559	0.45806	1.9989	0.047507
<code>cond_char_0.5</code>	0.53712	0.87392	0.61461	0.53978
<code>cond_char_0.75</code>	-0.079749	1.0153	-0.078544	0.9375
<code>cond_char_1.0</code>	-0.60896	1.0641	-0.57227	0.56803
<code>mean_UDexc_mean</code>	2.4344	29.66	0.082075	0.9347
<code>cond_char_0.5:mean_UDexc_mean</code>	-29.98	46.748	-0.64132	0.52233
<code>cond_char_0.75:mean_UDexc_mean</code>	-2.4122	44.118	-0.054676	0.95647
<code>cond_char_1.0:mean_UDexc_mean</code>	11.85	39.639	0.29896	0.7654

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.975

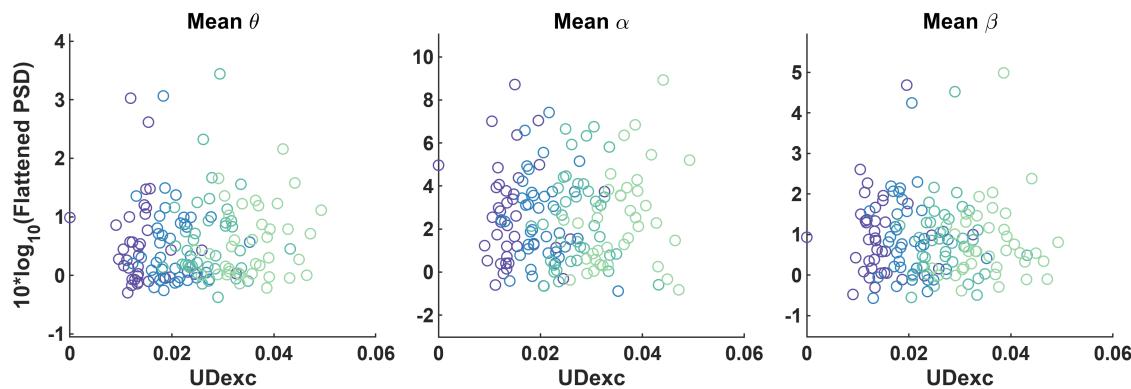
R-squared: 0.00901, Adjusted R-Squared: -0.0392

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

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.8804	3	0.29347	0.30849	0.81922
<code>mean_UDexc_mean</code>	0.028163	1	0.028163	0.029604	0.86363
<code>cond_char:mean_UDexc_mean</code>	0.83877	3	0.27959	0.2939	0.82975
<code>Error</code>	136.99	144	0.9513		
<code>Total</code>	138.23	151			

CL7: Rolandic_Oper_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)	0.15606	0.48012	0.32505	0.74562
cond_char_0.5	-0.58968	0.94514	-0.62391	0.53367
cond_char_0.75	-1.1216	1.4117	-0.79454	0.42819
cond_char_1.0	0.29253	1.7848	0.16391	0.87003
mean_StanceDur	0.21321	0.27873	0.76492	0.44557
cond_char_0.5:mean_StanceDur	0.67901	0.80684	0.84157	0.40143
cond_char_0.75:mean_StanceDur	1.6613	1.5905	1.0446	0.29798
cond_char_1.0:mean_StanceDur	-0.068218	2.3611	-0.028892	0.97699

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.686

R-squared: 0.0269, Adjusted R-Squared: -0.0204

F-statistic vs. constant model: 0.569, p-value = 0.78

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.45452	3	0.15151	0.32195	0.80949
mean_StanceDur	0.53435	1	0.53435	1.1355	0.28839
cond_char:mean_StanceDur	0.80271	3	0.26757	0.56859	0.63658
Error	67.765	144	0.47059		
Total	69.64	151			

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)	3.2352	1.5112	2.1408	0.033975
cond_char_0.5	1.9595	2.9749	0.65868	0.51115
cond_char_0.75	4.6578	4.4434	1.0482	0.29628
cond_char_1.0	-1.0623	5.6176	-0.18911	0.85028
mean_StanceDur	-0.32731	0.87733	-0.37307	0.70964

cond_char_0.5:mean_StanceDur	-2.2577	2.5396	-0.88901	0.37548
cond_char_0.75:mean_StanceDur	-6.1007	5.0061	-1.2186	0.22497
cond_char_1.0:mean_StanceDur	0.6507	7.4319	0.087555	0.93035

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 2.16

R-squared: 0.0231, Adjusted R-Squared: -0.0244

F-statistic vs. constant model: 0.487, p-value = 0.843

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	6.7856	3	2.2619	0.48515	0.69312
mean_StanceDur	4.4488	1	4.4488	0.95424	0.33028
cond_char:mean_StanceDur	10.132	3	3.3773	0.72441	0.53899
Error	671.35	144	4.6622		
Total	687.25	151			

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)	-0.087979	0.6759	-0.13017	0.89662
cond_char_0.5	0.014916	1.3305	0.01121	0.99107
cond_char_0.75	0.026147	1.9873	0.013157	0.98952
cond_char_1.0	-0.46356	2.5125	-0.1845	0.85388
mean_StanceDur	0.61999	0.39239	1.58	0.1163
cond_char_0.5:mean_StanceDur	0.29199	1.1359	0.25707	0.79749
cond_char_0.75:mean_StanceDur	0.44329	2.239	0.19798	0.84334
cond_char_1.0:mean_StanceDur	1.2564	3.324	0.37798	0.706

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.966

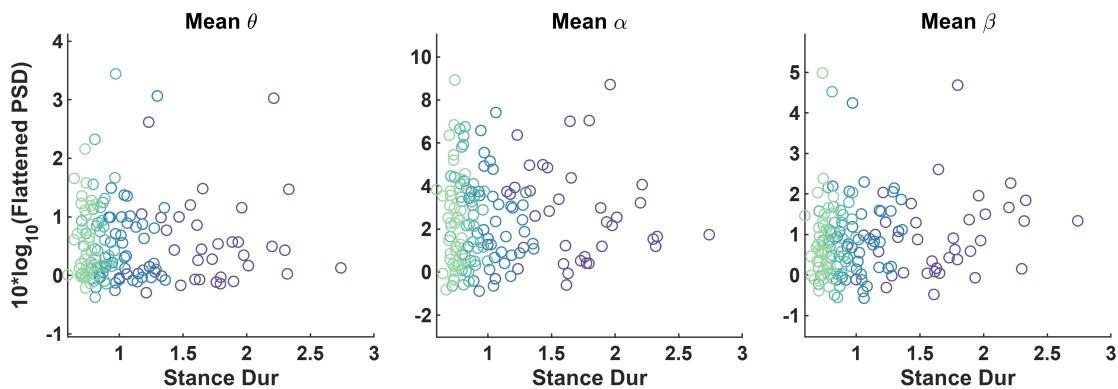
R-squared: 0.0285, Adjusted R-Squared: -0.0188

F-statistic vs. constant model: 0.603, p-value = 0.753

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.033568	3	0.011189	0.011998	0.99819
mean_StanceDur	1.0941	1	1.0941	1.1732	0.28056
cond_char:mean_StanceDur	0.21671	3	0.072236	0.077455	0.9721
Error	134.3	144	0.93263		
Total	138.23	151			

CL7: Rolandic_Oper_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL7) 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)	0.34945	0.50573	0.69098	0.49069
cond_char_0.5	-0.45666	0.97471	-0.46851	0.64013
cond_char_0.75	-0.58096	1.348	-0.43097	0.66714
cond_char_1.0	0.3222	1.6673	0.19325	0.84704
mean_GaitCycleDur	0.07161	0.2155	0.3323	0.74015
cond_char_0.5:mean_GaitCycleDur	0.31922	0.56032	0.56972	0.56976
cond_char_0.75:mean_GaitCycleDur	0.57061	0.96514	0.59122	0.5553
cond_char_1.0:mean_GaitCycleDur	-0.1715	1.3704	-0.12515	0.90058

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.691

R-squared: 0.0118, Adjusted R-Squared: -0.0362

F-statistic vs. constant model: 0.245, p-value = 0.973

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.2056	3	0.068534	0.14341	0.93375
mean_GaitCycleDur	0.15921	1	0.15921	0.33314	0.56471
cond_char:mean_GaitCycleDur	0.31157	3	0.10386	0.21732	0.88426
Error	68.819	144	0.47791		
Total	69.64	151			

CL7) 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)	3.6682	1.5707	2.3354	0.020906
cond_char_0.5	2.1781	3.0274	0.71949	0.47301
cond_char_0.75	4.7308	4.1868	1.1299	0.26039
cond_char_1.0	0.61283	5.1784	0.11834	0.90596
mean_GaitCycleDur	-0.42891	0.66932	-0.64081	0.52266

<code>cond_char_0.5:mean_GaitCycleDur</code>	-1.7041	1.7403	-0.97919	0.32913
<code>cond_char_0.75:mean_GaitCycleDur</code>	-4.0587	2.9976	-1.354	0.17787
<code>cond_char_1.0:mean_GaitCycleDur</code>	-1.1694	4.2562	-0.27474	0.78391

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 2.15

R-squared: 0.034, Adjusted R-Squared: -0.0129

F-statistic vs. constant model: 0.725, p-value = 0.651

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	7.1125	3	2.3708	0.51426	0.6731
<code>mean_GaitCycleDur</code>	11.794	1	11.794	2.5582	0.11192
<code>cond_char:mean_GaitCycleDur</code>	12.055	3	4.0185	0.87165	0.45741
<code>Error</code>	663.87	144	4.6102		
<code>Total</code>	687.25	151			

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)	-0.05349	0.70778	-0.075574	0.93986
<code>cond_char_0.5</code>	0.12652	1.3641	0.092743	0.92624
<code>cond_char_0.75</code>	-0.10182	1.8866	-0.053972	0.95703
<code>cond_char_1.0</code>	-0.31537	2.3334	-0.13515	0.89268
<code>mean_GaitCycleDur</code>	0.4389	0.3016	1.4552	0.14778
<code>cond_char_0.5:mean_GaitCycleDur</code>	0.078065	0.78419	0.099549	0.92084
<code>cond_char_0.75:mean_GaitCycleDur</code>	0.31079	1.3507	0.23009	0.81835
<code>cond_char_1.0:mean_GaitCycleDur</code>	0.57738	1.9179	0.30106	0.76381

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.968

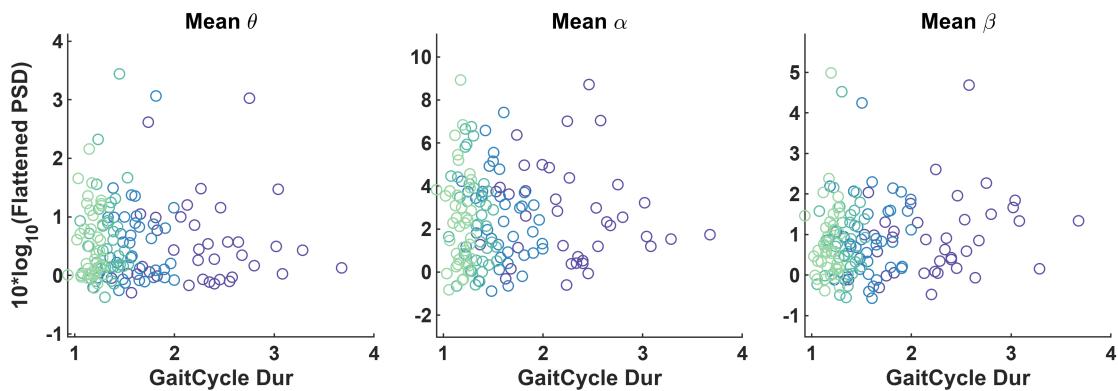
R-squared: 0.0249, Adjusted R-Squared: -0.0225

F-statistic vs. constant model: 0.525, p-value = 0.815

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.033017	3	0.011006	0.011757	0.99825
<code>mean_GaitCycleDur</code>	1.1683	1	1.1683	1.2481	0.26577
<code>cond_char:mean_GaitCycleDur</code>	0.13375	3	0.044584	0.047629	0.98618
<code>Error</code>	134.79	144	0.93608		
<code>Total</code>	138.23	151			

CL7: Rolandic_Oper_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)	0.89184	0.34829	2.5606	0.011478
cond_char_0.5	-0.10718	0.61616	-0.17394	0.86216
cond_char_0.75	-0.3273	0.67375	-0.48579	0.62785
cond_char_1.0	-0.79516	0.71093	-1.1185	0.26523
mean_PeakUpDownVel_mean	-3.3381	2.9091	-1.1475	0.25309
cond_char_0.5:mean_PeakUpDownVel_mean	2.0092	3.8092	0.52745	0.5987
cond_char_0.75:mean_PeakUpDownVel_mean	3.5192	3.4823	1.0106	0.3139
cond_char_1.0:mean_PeakUpDownVel_mean	4.4489	3.2633	1.3633	0.17491

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.689

R-squared: 0.0187, Adjusted R-Squared: -0.029

F-statistic vs. constant model: 0.393, p-value = 0.905

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.63287	3	0.21096	0.44455	0.72153
mean_PeakUpDownVel_mean	0.26553	1	0.26553	0.55954	0.45567
cond_char:mean_PeakUpDownVel_mean	1.034	3	0.34467	0.72632	0.53786
Error	68.334	144	0.47454		
Total	69.64	151			

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)	3.2035	1.093	2.9311	0.00393
cond_char_0.5	0.77916	1.9336	0.40297	0.68757
cond_char_0.75	0.21114	2.1143	0.099866	0.92059
cond_char_1.0	-2.8542	2.2309	-1.2793	0.20283
mean_PeakUpDownVel_mean	-4.5576	9.129	-0.49925	0.61837

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-3.0866	11.954	-0.25822	0.79661
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	1.3365	10.928	0.1223	0.90283
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	9.5538	10.24	0.93296	0.3524

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 2.16

R-squared: 0.0209, Adjusted R-Squared: -0.0267

F-statistic vs. constant model: 0.438, p-value = 0.877

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	10.86	3	3.62	0.77467	0.50995
<code>mean_PeakUpDownVel_mean</code>	2.534	1	2.534	0.54226	0.46269
<code>cond_char:mean_PeakUpDownVel_mean</code>	12.44	3	4.1466	0.88734	0.44934
<code>Error</code>	672.91	144	4.673		
<code>Total</code>	687.25	151			

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)	1.146	0.49252	2.3267	0.021375
<code>cond_char_0.5</code>	0.33937	0.87133	0.38948	0.69749
<code>cond_char_0.75</code>	0.10179	0.95276	0.10684	0.91507
<code>cond_char_1.0</code>	-0.59898	1.0053	-0.5958	0.55224
<code>mean_PeakUpDownVel_mean</code>	-1.7205	4.1138	-0.41822	0.67641
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-1.1909	5.3867	-0.22108	0.82535
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	0.32909	4.9244	0.066828	0.94681
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	2.3857	4.6146	0.51698	0.60596

Number of observations: 152, Error degrees of freedom: 144

Root Mean Squared Error: 0.974

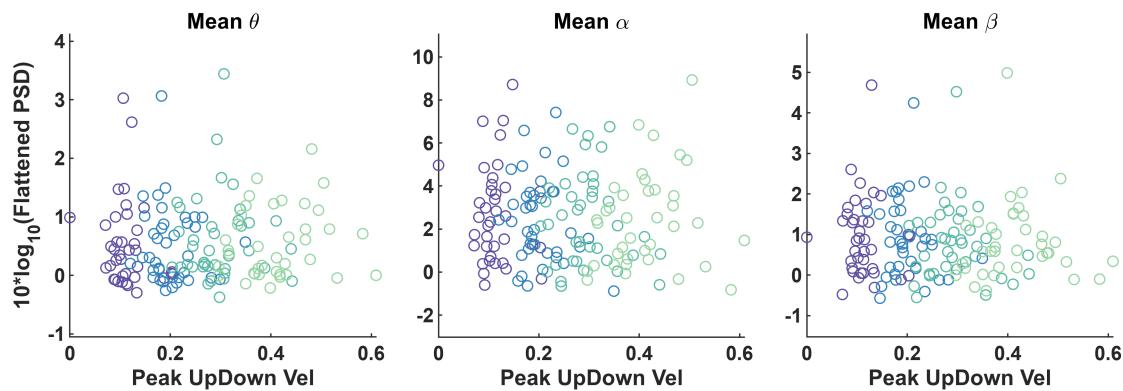
R-squared: 0.0115, Adjusted R-Squared: -0.0366

F-statistic vs. constant model: 0.238, p-value = 0.975

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.66948	3	0.22316	0.23516	0.87174
<code>mean_PeakUpDownVel_mean</code>	0.66916	1	0.66916	0.70515	0.40245
<code>cond_char:mean_PeakUpDownVel_mean</code>	0.90747	3	0.30249	0.31876	0.8118
<code>Error</code>	136.65	144	0.94896		
<code>Total</code>	138.23	151			

CL7: Rolandic_Oper_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)	0.56174	0.55549	1.0113	0.3138
cond_char_0.5	0.0058223	0.88226	0.0065994	0.99474
cond_char_0.75	0.30981	0.8866	0.34944	0.72733
cond_char_1.0	0.08665	0.73712	0.11755	0.90661
mean_APexc_COV	0.0039835	0.022313	0.17853	0.85859
cond_char_0.5:mean_APexc_COV	-0.0014061	0.039787	-0.03534	0.97186
cond_char_0.75:mean_APexc_COV	-0.013498	0.041711	-0.32362	0.74676
cond_char_1.0:mean_APexc_COV	-0.0029186	0.031582	-0.092414	0.92651

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.12

R-squared: 0.00148, Adjusted R-Squared: -0.0531

F-statistic vs. constant model: 0.0271, p-value = 1

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.17897	3	0.059656	0.047507	0.98622
mean_APexc_COV	0.0013483	1	0.0013483	0.0010737	0.97391
cond_char:mean_APexc_COV	0.13696	3	0.045652	0.036355	0.99068
Error	160.73	128	1.2557		
Total	160.97	135			

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)	3.9028	1.3045	2.9917	0.0033287
cond_char_0.5	-0.63925	2.0719	-0.30853	0.75818
cond_char_0.75	-0.43348	2.0821	-0.20819	0.83541
cond_char_1.0	0.42096	1.7311	0.24318	0.80826
mean_APexc_COV	-0.0088821	0.0524	-0.1695	0.86567

cond_char_0.5:mean_APexc_COV	0.020816	0.093437	0.22278	0.82406
cond_char_0.75:mean_APexc_COV	0.0065835	0.097957	0.067208	0.94652
cond_char_1.0:mean_APexc_COV	-0.045455	0.074169	-0.61285	0.54106

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 2.63

R-squared: 0.0127, Adjusted R-Squared: -0.0413

F-statistic vs. constant model: 0.235, p-value = 0.976

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.51	3	0.83667	0.12081	0.94771
mean_APexc_COV	1.0845	1	1.0845	0.15659	0.69297
cond_char:mean_APexc_COV	4.7707	3	1.5902	0.22962	0.87563
Error	886.48	128	6.9256		
Total	897.85	135			

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)	1.9917	0.56509	3.5246	0.00058905
cond_char_0.5	-0.91509	0.89751	-1.0196	0.30985
cond_char_0.75	-1.0232	0.90193	-1.1345	0.25871
cond_char_1.0	-0.57703	0.74987	-0.7695	0.44301
mean_APexc_COV	-0.019161	0.022699	-0.84414	0.40016
cond_char_0.5:mean_APexc_COV	0.040301	0.040475	0.99569	0.32128
cond_char_0.75:mean_APexc_COV	0.043494	0.042433	1.025	0.30729
cond_char_1.0:mean_APexc_COV	0.013206	0.032128	0.41103	0.68174

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.14

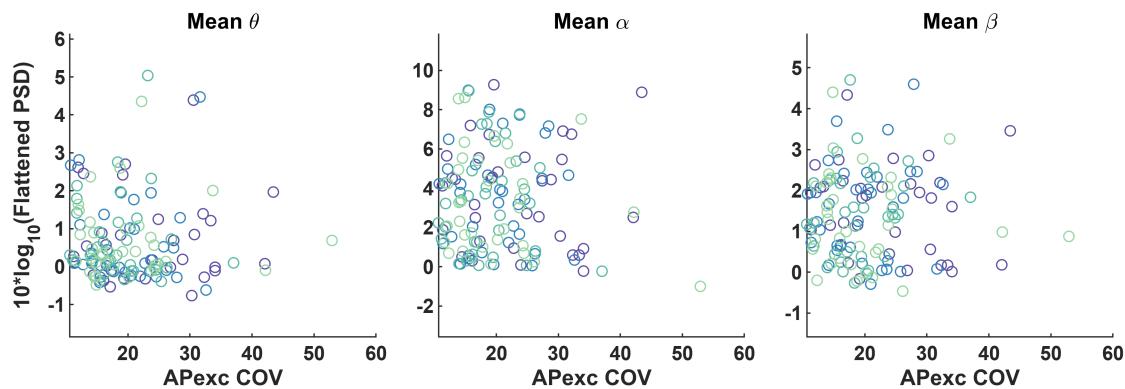
R-squared: 0.0196, Adjusted R-Squared: -0.034

F-statistic vs. constant model: 0.366, p-value = 0.921

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.1791	3	0.72637	0.55894	0.64308
mean_APexc_COV	0.15652	1	0.15652	0.12044	0.72912
cond_char:mean_APexc_COV	2.1029	3	0.70096	0.53938	0.65616
Error	166.34	128	1.2995		
Total	169.67	135			

CL8: Fusiform_R

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



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)	0.48812	0.6055	0.80614	0.42166
cond_char_0.5	0.1599	1.0495	0.15237	0.87914
cond_char_0.75	0.49185	1.1357	0.43306	0.6657
cond_char_1.0	-0.80188	1.1042	-0.72622	0.46903
mean_APexc_mean	2.5589	8.8206	0.2901	0.77221
cond_char_0.5:mean_APexc_mean	-3.1497	19.18	-0.16421	0.86982
cond_char_0.75:mean_APexc_mean	-9.4661	24.273	-0.38998	0.6972
cond_char_1.0:mean_APexc_mean	23.163	25.222	0.91837	0.36015

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.12

R-squared: 0.0111, Adjusted R-Squared: -0.0429

F-statistic vs. constant model: 0.206, p-value = 0.984

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.2999	3	0.43331	0.34843	0.79034
mean_APexc_mean	0.37363	1	0.37363	0.30045	0.58456
cond_char:mean_APexc_mean	1.4463	3	0.48212	0.38768	0.76206
Error	159.18	128	1.2436		
Total	160.97	135			

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)	2.7953	1.4193	1.9695	0.051054
cond_char_0.5	-0.73966	2.4599	-0.30068	0.76414
cond_char_0.75	-1.3539	2.6622	-0.50857	0.61193
cond_char_1.0	-1.7537	2.5882	-0.67758	0.49926
mean_APexc_mean	13.818	20.675	0.66835	0.50511

<code>cond_char_0.5:mean_APexc_mean</code>	15.662	44.959	0.34836	0.72814
<code>cond_char_0.75:mean_APexc_mean</code>	33.843	56.896	0.59482	0.55302
<code>cond_char_1.0:mean_APexc_mean</code>	43.75	59.12	0.74003	0.46064

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 2.61

R-squared: 0.0259, Adjusted R-Squared: -0.0274

F-statistic vs. constant model: 0.487, p-value = 0.843

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.8586	3	1.2862	0.18824	0.90424
<code>mean_APexc_mean</code>	19.084	1	19.084	2.793	0.097121
<code>cond_char:mean_APexc_mean</code>	5.6551	3	1.885	0.27589	0.84271
<code>Error</code>	874.59	128	6.8327		
<code>Total</code>	897.85	135			

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)	1.2941	0.6182	2.0933	0.038294
<code>cond_char_0.5</code>	-0.60833	1.0715	-0.56775	0.5712
<code>cond_char_0.75</code>	-0.15334	1.1596	-0.13224	0.895
<code>cond_char_1.0</code>	-0.81513	1.1273	-0.72306	0.47096
<code>mean_APexc_mean</code>	3.8391	9.0056	0.4263	0.67061
<code>cond_char_0.5:mean_APexc_mean</code>	12.734	19.583	0.65029	0.51667
<code>cond_char_0.75:mean_APexc_mean</code>	3.0294	24.782	0.12224	0.9029
<code>cond_char_1.0:mean_APexc_mean</code>	17.537	25.751	0.68103	0.49708

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.14

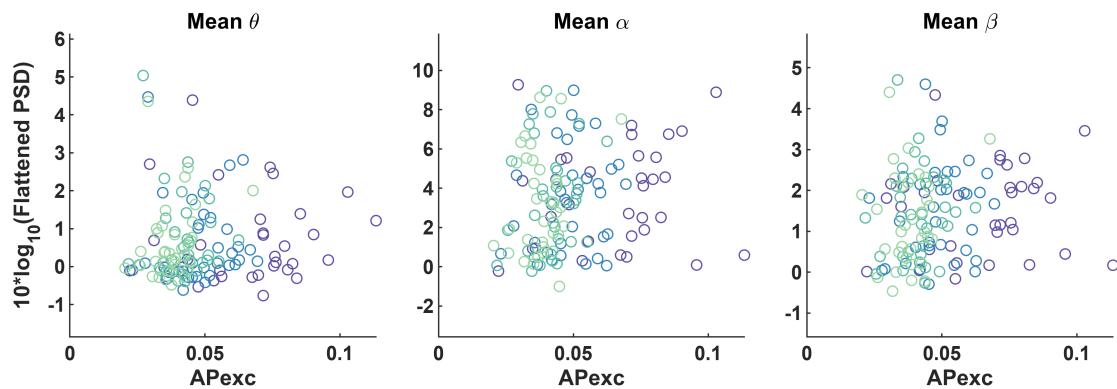
R-squared: 0.022, Adjusted R-Squared: -0.0314

F-statistic vs. constant model: 0.412, p-value = 0.893

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.88179	3	0.29393	0.22674	0.87765
<code>mean_APexc_mean</code>	2.048	1	2.048	1.5799	0.21106
<code>cond_char:mean_APexc_mean</code>	0.99319	3	0.33106	0.25539	0.85738
<code>Error</code>	165.93	128	1.2963		
<code>Total</code>	169.67	135			

CL8: Fusiform_R

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL8) 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)	1.0696	0.45458	2.3529	0.020152
cond_char_0.5	-0.466	0.85495	-0.54506	0.58666
cond_char_0.75	-0.082854	0.90545	-0.091506	0.92723
cond_char_1.0	0.33589	0.9852	0.34093	0.73371
mean_MLexc_COV	-0.031099	0.030932	-1.0054	0.31661
cond_char_0.5:mean_MLexc_COV	0.032341	0.064092	0.5046	0.61471
cond_char_0.75:mean_MLexc_COV	0.010934	0.060523	0.18067	0.85691
cond_char_1.0:mean_MLexc_COV	-0.011867	0.058626	-0.20243	0.83991

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.11

R-squared: 0.0153, Adjusted R-Squared: -0.0386

F-statistic vs. constant model: 0.283, p-value = 0.959

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.66603	3	0.22201	0.17927	0.91029
mean_MLexc_COV	1.1521	1	1.1521	0.93031	0.3366
cond_char:mean_MLexc_COV	0.48355	3	0.16118	0.13015	0.94202
Error	158.52	128	1.2384		
Total	160.97	135			

CL8) 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)	5.2776	1.0544	5.0053	1.8044e-06
cond_char_0.5	-0.084423	1.9831	-0.042572	0.96611
cond_char_0.75	-0.22117	2.1002	-0.10531	0.9163
cond_char_1.0	0.41988	2.2852	0.18374	0.85451
mean_MLexc_COV	-0.11863	0.071748	-1.6534	0.1007

<code>cond_char_0.5:mean_MLexc_COV</code>	-0.017293	0.14866	-0.11632	0.90758
<code>cond_char_0.75:mean_MLexc_COV</code>	0.0069492	0.14038	0.049502	0.9606
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.024716	0.13598	-0.18175	0.85606

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 2.58

R-squared: 0.0502, Adjusted R-Squared: -0.00179

F-statistic vs. constant model: 0.965, p-value = 0.459

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.40131	3	0.13377	0.020077	0.99612
<code>mean_MLexc_COV</code>	34.598	1	34.598	5.1928	0.024336
<code>cond_char:mean_MLexc_COV</code>	0.34835	3	0.11612	0.017428	0.99685
<code>Error</code>	852.83	128	6.6627		
<code>Total</code>	897.85	135			

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)	2.0715	0.46321	4.4721	1.6888e-05
<code>cond_char_0.5</code>	-0.4407	0.87119	-0.50586	0.61382
<code>cond_char_0.75</code>	-0.035628	0.92265	-0.038615	0.96926
<code>cond_char_1.0</code>	-0.0034592	1.0039	-0.0034458	0.99726
<code>mean_MLexc_COV</code>	-0.039541	0.03152	-1.2545	0.21195
<code>cond_char_0.5:mean_MLexc_COV</code>	0.028932	0.06531	0.443	0.65852
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.0021847	0.061672	-0.035424	0.9718
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.0055288	0.05974	-0.092549	0.92641

Number of observations: 136, Error degrees of freedom: 128

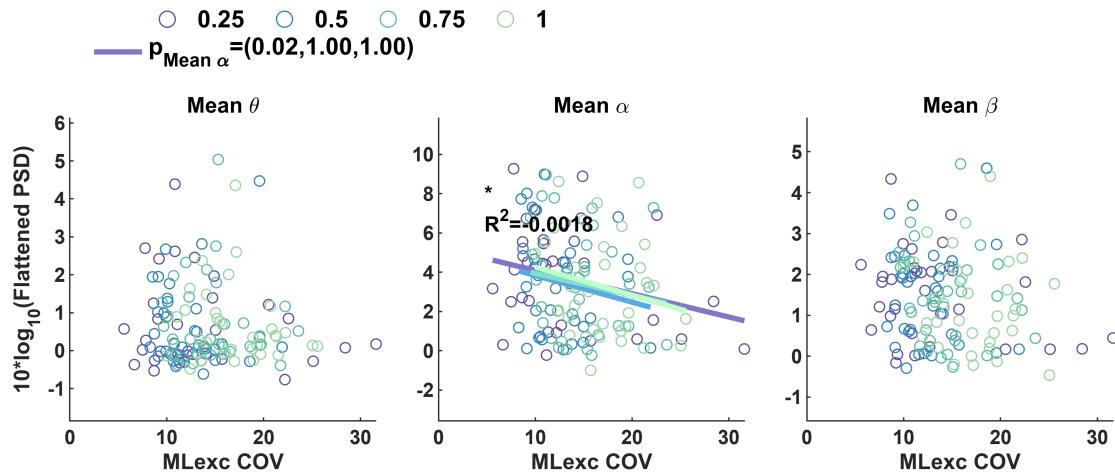
Root Mean Squared Error: 1.13

R-squared: 0.0299, Adjusted R-Squared: -0.0231

F-statistic vs. constant model: 0.564, p-value = 0.784

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.35704	3	0.11901	0.092552	0.96403
<code>mean_MLexc_COV</code>	2.4989	1	2.4989	1.9433	0.16573
<code>cond_char:mean_MLexc_COV</code>	0.32452	3	0.10817	0.084123	0.96859
<code>Error</code>	164.59	128	1.2859		
<code>Total</code>	169.67	135			

CL8: Fusiform_R



CL8) 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)	-1.1521	0.64853	-1.7765	0.078019
cond_char_0.5	0.29017	0.9692	0.29939	0.76512
cond_char_0.75	0.4611	1.0666	0.43231	0.66625
cond_char_1.0	0.79416	1.0394	0.76406	0.44624
mean_MLexc_mean	15.493	5.3412	2.9007	0.0043846
cond_char_0.5:mean_MLexc_mean	0.46811	9.2196	0.050774	0.95958
cond_char_0.75:mean_MLexc_mean	4.3626	13.021	0.33505	0.73814
cond_char_1.0:mean_MLexc_mean	3.3639	15.484	0.21725	0.82836

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.05

R-squared: 0.12, Adjusted R-Squared: 0.0721

F-statistic vs. constant model: 2.5, p-value = 0.0194

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.67758	3	0.22586	0.20414	0.89337
mean_MLexc_mean	12.458	1	12.458	11.26	0.0010425
cond_char:mean_MLexc_mean	0.16079	3	0.053596	0.048441	0.98582
Error	141.62	128	1.1064		
Total	160.97	135			

CL8) 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)	-0.87258	1.4761	-0.59113	0.55547
cond_char_0.5	0.96958	2.206	0.43953	0.66102
cond_char_0.75	-0.016419	2.4277	-0.0067633	0.99461
cond_char_1.0	-0.91503	2.3658	-0.38678	0.69956
mean_MLexc_mean	39.167	12.157	3.2217	0.0016161

<code>cond_char_0.5:mean_MLexc_mean</code>	-2.4711	20.985	-0.11776	0.90644
<code>cond_char_0.75:mean_MLexc_mean</code>	22.767	29.637	0.7682	0.44378
<code>cond_char_1.0:mean_MLexc_mean</code>	53.141	35.243	1.5078	0.13406

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 2.39

R-squared: 0.183, Adjusted R-Squared: 0.138

F-statistic vs. constant model: 4.09, p-value = 0.000437

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.3773	3	1.1258	0.19641	0.89868
<code>mean_MLexc_mean</code>	133.98	1	133.98	23.375	3.7535e-06
<code>cond_char:mean_MLexc_mean</code>	16.642	3	5.5475	0.96784	0.41014
<code>Error</code>	733.67	128	5.7318		
<code>Total</code>	897.85	135			

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)	0.92345	0.69431	1.33	0.18588
<code>cond_char_0.5</code>	-0.26806	1.0376	-0.25835	0.79656
<code>cond_char_0.75</code>	-0.31369	1.1419	-0.2747	0.78399
<code>cond_char_1.0</code>	-0.78315	1.1128	-0.70378	0.48285
<code>mean_MLexc_mean</code>	5.3221	5.7183	0.93071	0.35376
<code>cond_char_0.5:mean_MLexc_mean</code>	3.768	9.8704	0.38175	0.70328
<code>cond_char_0.75:mean_MLexc_mean</code>	6.4043	13.94	0.45942	0.64671
<code>cond_char_1.0:mean_MLexc_mean</code>	15.89	16.577	0.95853	0.3396

Number of observations: 136, Error degrees of freedom: 128

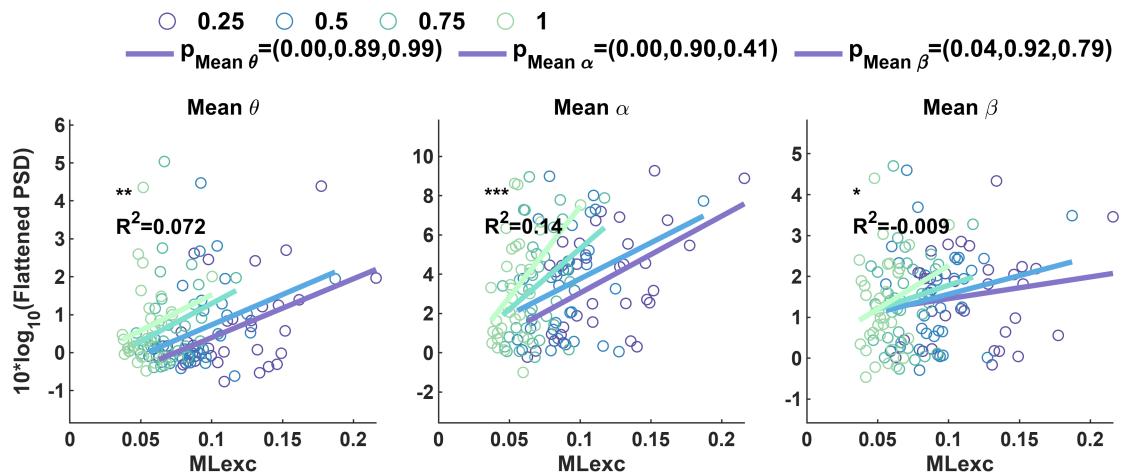
Root Mean Squared Error: 1.13

R-squared: 0.0433, Adjusted R-Squared: -0.00901

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

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.6306	3	0.2102	0.16576	0.91928
<code>mean_MLexc_mean</code>	5.6733	1	5.6733	4.4738	0.036357
<code>cond_char:mean_MLexc_mean</code>	1.3211	3	0.44036	0.34725	0.79119
<code>Error</code>	162.32	128	1.2681		
<code>Total</code>	169.67	135			

CL8: Fusiform_R



CL8) 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)	0.32053	0.79563	0.40286	0.68772
cond_char_0.5	-0.29283	1.5934	-0.18377	0.85448
cond_char_0.75	-0.49967	2.0779	-0.24047	0.81035
cond_char_1.0	-1.599	2.3352	-0.68473	0.49475
mean_StepDur	0.28108	0.64944	0.43281	0.66588
cond_char_0.5:mean_StepDur	0.44416	1.7982	0.247	0.8053
cond_char_0.75:mean_StepDur	1.0184	2.921	0.34863	0.72794
cond_char_1.0:mean_StepDur	3.0437	3.7889	0.80331	0.42329

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.12

R-squared: 0.0112, Adjusted R-Squared: -0.0428

F-statistic vs. constant model: 0.208, p-value = 0.983

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.61415	3	0.20472	0.16463	0.92002
mean_StepDur	1.5595	1	1.5595	1.2541	0.26486
cond_char:mean_StepDur	0.96572	3	0.32191	0.25887	0.85489
Error	159.17	128	1.2435		
Total	160.97	135			

CL8) 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)	3.0978	1.8598	1.6656	0.098232
cond_char_0.5	0.75302	3.7247	0.20217	0.84011
cond_char_0.75	-2.5334	4.8572	-0.52158	0.60286
cond_char_1.0	-8.8315	5.4587	-1.6179	0.10815
mean_StepDur	0.50248	1.5181	0.33099	0.74119

cond_char_0.5:mean_StepDur	-0.93039	4.2034	-0.22134	0.82518
cond_char_0.75:mean_StepDur	3.7645	6.8281	0.55132	0.58238
cond_char_1.0:mean_StepDur	14.817	8.8568	1.673	0.096774

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 2.61

R-squared: 0.0313, Adjusted R-Squared: -0.0216

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

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	20.484	3	6.8279	1.0049	0.39296
mean_StepDur	19.016	1	19.016	2.7986	0.096787
cond_char:mean_StepDur	21.539	3	7.1796	1.0567	0.37002
Error	869.71	128	6.7946		
Total	897.85	135			

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)	1.0118	0.8153	1.241	0.21686
cond_char_0.5	0.56988	1.6328	0.34902	0.72765
cond_char_0.75	1.1639	2.1293	0.54661	0.5856
cond_char_1.0	-1.1772	2.3929	-0.49195	0.6236
mean_StepDur	0.44765	0.66549	0.67266	0.50238
cond_char_0.5:mean_StepDur	-0.54926	1.8427	-0.29808	0.76613
cond_char_0.75:mean_StepDur	-1.5643	2.9932	-0.52262	0.60214
cond_char_1.0:mean_StepDur	2.0468	3.8826	0.52718	0.59898

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.14

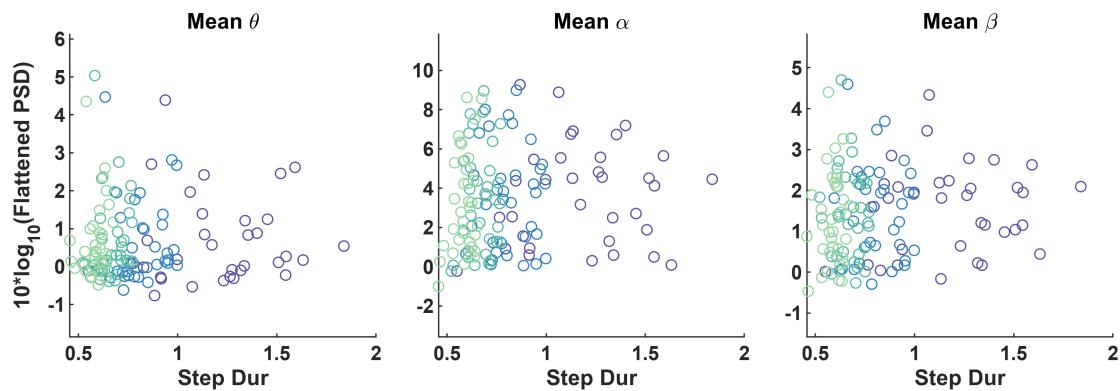
R-squared: 0.015, Adjusted R-Squared: -0.0389

F-statistic vs. constant model: 0.278, p-value = 0.962

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.96039	3	0.32013	0.24518	0.86464
mean_StepDur	0.14617	1	0.14617	0.11195	0.73848
cond_char:mean_StepDur	0.85768	3	0.28589	0.21895	0.8831
Error	167.13	128	1.3057		
Total	169.67	135			

CL8: Fusiform_R

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



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)	1.0985	0.9694	1.1332	0.25925
cond_char_0.5	-1.4549	1.4678	-0.99117	0.32347
cond_char_0.75	-0.0060596	1.2365	-0.0049007	0.9961
cond_char_1.0	-0.093876	1.1708	-0.08018	0.93622
mean_UDexc_COV	-0.023385	0.050088	-0.46689	0.64138
cond_char_0.5:mean_UDexc_COV	0.092503	0.091789	1.0078	0.31546
cond_char_0.75:mean_UDexc_COV	-0.015228	0.087499	-0.17404	0.86211
cond_char_1.0:mean_UDexc_COV	-0.018186	0.092645	-0.19629	0.84469

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.11

R-squared: 0.0129, Adjusted R-Squared: -0.041

F-statistic vs. constant model: 0.24, p-value = 0.975

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.761	3	0.58701	0.47288	0.70171
mean_UDexc_COV	0.07499	1	0.07499	0.060411	0.80624
cond_char:mean_UDexc_COV	1.7932	3	0.59774	0.48153	0.6957
Error	158.89	128	1.2413		
Total	160.97	135			

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)	7.2992	2.2348	3.2662	0.001399
cond_char_0.5	-3.2979	3.3838	-0.97461	0.33159
cond_char_0.75	-2.9539	2.8504	-1.0363	0.30203
cond_char_1.0	-0.97675	2.6991	-0.36188	0.71804
mean_UDexc_COV	-0.18993	0.11547	-1.6449	0.10245

cond_char_0.5:mean_UDexc_COV	0.15454	0.2116	0.73035	0.46651
cond_char_0.75:mean_UDexc_COV	0.10121	0.20171	0.50177	0.61669
cond_char_1.0:mean_UDexc_COV	-0.19222	0.21358	-0.9	0.36981

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 2.57

R-squared: 0.0595, Adjusted R-Squared: 0.00809

F-statistic vs. constant model: 1.16, p-value = 0.332

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	11.245	3	3.7483	0.56819	0.63696
mean_UDexc_COV	30.623	1	30.623	4.6419	0.033073
cond_char:mean_UDexc_COV	14.764	3	4.9214	0.746	0.52659
Error	844.42	128	6.597		
Total	897.85	135			

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)	2.6629	0.9837	2.707	0.0077158
cond_char_0.5	-1.3736	1.4895	-0.92222	0.35815
cond_char_0.75	-2.0683	1.2547	-1.6484	0.10171
cond_char_1.0	-0.6676	1.1881	-0.56191	0.57516
mean_UDexc_COV	-0.058961	0.050827	-1.16	0.24819
cond_char_0.5:mean_UDexc_COV	0.073812	0.093144	0.79245	0.42956
cond_char_0.75:mean_UDexc_COV	0.13928	0.08879	1.5686	0.11921
cond_char_1.0:mean_UDexc_COV	-0.027783	0.094012	-0.29552	0.76807

Number of observations: 136, Error degrees of freedom: 128

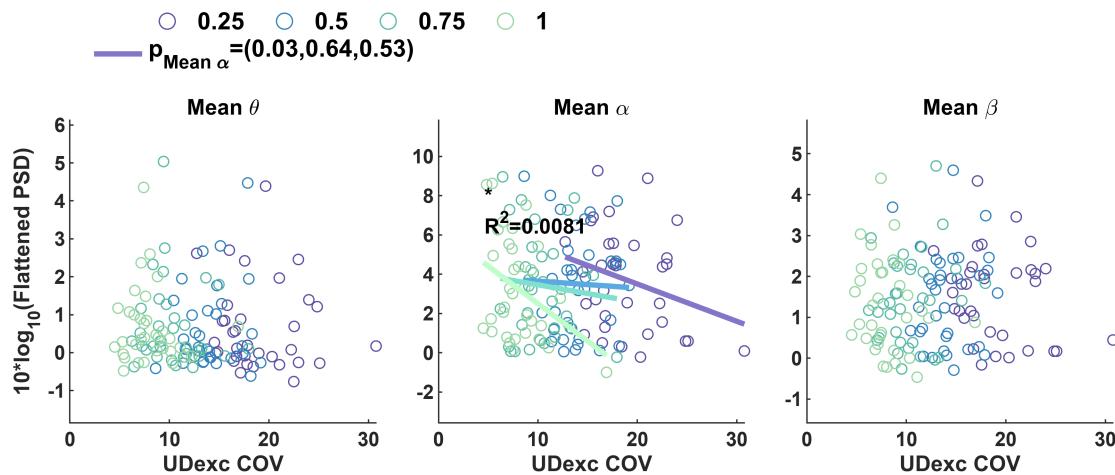
Root Mean Squared Error: 1.13

R-squared: 0.0357, Adjusted R-Squared: -0.017

F-statistic vs. constant model: 0.677, p-value = 0.691

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.1694	3	1.3898	1.0873	0.35701
mean_UDexc_COV	0.16138	1	0.16138	0.12625	0.72294
cond_char:mean_UDexc_COV	4.3414	3	1.4471	1.1321	0.33868
Error	163.61	128	1.2782		
Total	169.67	135			

CL8: Fusiform_R



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)	1.1129	0.6723	1.6554	0.1003
cond_char_0.5	0.41414	1.3239	0.31282	0.75492
cond_char_0.75	-0.74781	1.4822	-0.50451	0.61477
cond_char_1.0	-1.4552	1.4303	-1.0174	0.31088
mean_UDexc_mean	-30.305	42.644	-0.71065	0.4786
cond_char_0.5:mean_UDexc_mean	-16.265	71.723	-0.22678	0.82096
cond_char_0.75:mean_UDexc_mean	42.692	65.318	0.65361	0.51454
cond_char_1.0:mean_UDexc_mean	59.534	55.839	1.0662	0.28835

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.11

R-squared: 0.015, Adjusted R-Squared: -0.0388

F-statistic vs. constant model: 0.279, p-value = 0.961

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.896	3	0.63199	0.51021	0.67595
mean_UDexc_mean	0.17318	1	0.17318	0.13981	0.70909
cond_char:mean_UDexc_mean	2.3194	3	0.77315	0.62417	0.60064
Error	158.55	128	1.2387		
Total	160.97	135			

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)	4.1552	1.5846	2.6223	0.0097931
cond_char_0.5	0.93244	3.1203	0.29883	0.76555
cond_char_0.75	-3.0232	3.4936	-0.86535	0.38847
cond_char_1.0	-3.7879	3.3712	-1.1236	0.26328
mean_UDexc_mean	-30.422	100.51	-0.30268	0.76263

<code>cond_char_0.5:mean_UDexc_mean</code>	-50.91	169.05	-0.30116	0.76378
<code>cond_char_0.75:mean_UDexc_mean</code>	117.25	153.95	0.76161	0.4477
<code>cond_char_1.0:mean_UDexc_mean</code>	113.47	131.61	0.86219	0.3902

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 2.62

R-squared: 0.019, Adjusted R-Squared: -0.0346

F-statistic vs. constant model: 0.354, p-value = 0.927

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	15.058	3	5.0194	0.72944	0.53624
<code>mean_UDexc_mean</code>	0.47065	1	0.47065	0.068397	0.79411
<code>cond_char:mean_UDexc_mean</code>	11.416	3	3.8053	0.553	0.64704
<code>Error</code>	880.79	128	6.8811		
<code>Total</code>	897.85	135			

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)	2.071	0.6752	3.0672	0.0026372
<code>cond_char_0.5</code>	1.1942	1.3296	0.89819	0.37077
<code>cond_char_0.75</code>	0.97144	1.4887	0.65256	0.51521
<code>cond_char_1.0</code>	1.0917	1.4365	0.76	0.44865
<code>mean_UDexc_mean</code>	-34.851	42.828	-0.81374	0.4173
<code>cond_char_0.5:mean_UDexc_mean</code>	-55.744	72.033	-0.77387	0.44043
<code>cond_char_0.75:mean_UDexc_mean</code>	-26.302	65.6	-0.40095	0.68913
<code>cond_char_1.0:mean_UDexc_mean</code>	-19.066	56.081	-0.33998	0.73443

Number of observations: 136, Error degrees of freedom: 128

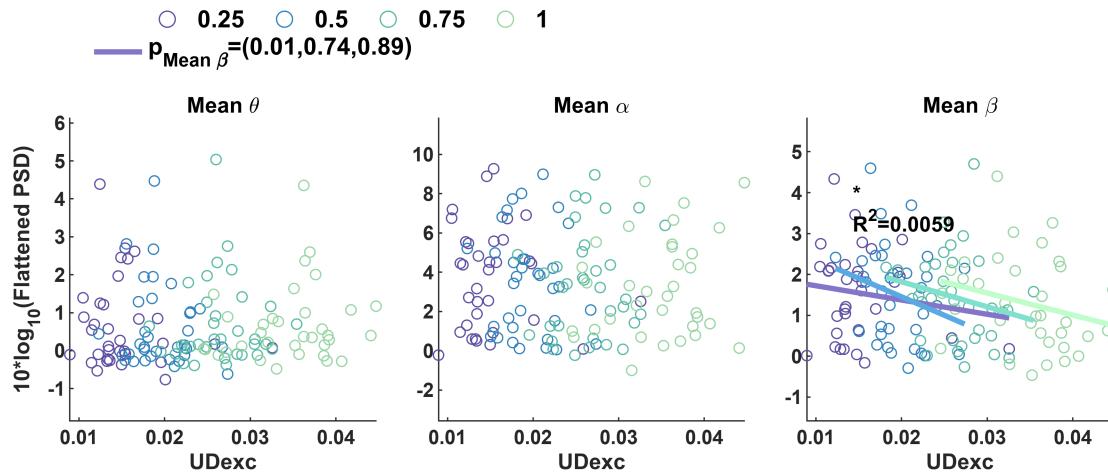
Root Mean Squared Error: 1.12

R-squared: 0.0574, Adjusted R-Squared: 0.00588

F-statistic vs. constant model: 1.11, p-value = 0.358

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.5726	3	0.52421	0.41956	0.73927
<code>mean_UDexc_mean</code>	8.0589	1	8.0589	6.4501	0.012291
<code>cond_char:mean_UDexc_mean</code>	0.76769	3	0.2559	0.20481	0.89291
<code>Error</code>	159.93	128	1.2494		
<code>Total</code>	169.67	135			

CL8: Fusiform_R



CL8) 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)	0.27102	0.76207	0.35564	0.7227
cond_char_0.5	-0.54685	1.5534	-0.35203	0.7254
cond_char_0.75	-0.93855	2.1178	-0.44318	0.65838
cond_char_1.0	-1.9144	2.3846	-0.80281	0.42357
mean_StanceDur	0.22021	0.42339	0.52011	0.60388
cond_char_0.5:mean_StanceDur	0.60123	1.301	0.46212	0.64478
cond_char_0.75:mean_StanceDur	1.3674	2.3348	0.58568	0.55912
cond_char_1.0:mean_StanceDur	2.9416	3.1068	0.94683	0.34551

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.11

R-squared: 0.0179, Adjusted R-Squared: -0.0358

F-statistic vs. constant model: 0.333, p-value = 0.938

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.98763	3	0.32921	0.26654	0.84941
mean_StanceDur	2.52	1	2.52	2.0403	0.15562
cond_char:mean_StanceDur	1.6845	3	0.56151	0.45461	0.71449
Error	158.1	128	1.2351		
Total	160.97	135			

CL8) 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)	3.3299	1.7913	1.859	0.065327
cond_char_0.5	0.46639	3.6513	0.12773	0.89856
cond_char_0.75	-2.976	4.9778	-0.59786	0.55099
cond_char_1.0	-8.5426	5.605	-1.5241	0.12995
mean_StanceDur	0.2097	0.99518	0.21071	0.83345

<code>cond_char_0.5:mean_StanceDur</code>	-0.47992	3.058	-0.15694	0.87554
<code>cond_char_0.75:mean_StanceDur</code>	3.3771	5.488	0.61536	0.53941
<code>cond_char_1.0:mean_StanceDur</code>	11.349	7.3026	1.5541	0.12264

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 2.61

R-squared: 0.0272, Adjusted R-Squared: -0.026

F-statistic vs. constant model: 0.51, p-value = 0.825

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	18.443	3	6.1477	0.90089	0.44279
<code>mean_StanceDur</code>	17.098	1	17.098	2.5056	0.11591
<code>cond_char:mean_StanceDur</code>	19.215	3	6.405	0.9386	0.42414
<code>Error</code>	873.47	128	6.824		
<code>Total</code>	897.85	135			

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)	1.0992	0.78418	1.4017	0.16342
<code>cond_char_0.5</code>	0.61361	1.5985	0.38387	0.70171
<code>cond_char_0.75</code>	1.6101	2.1792	0.73883	0.46136
<code>cond_char_1.0</code>	-0.32001	2.4538	-0.13042	0.89644
<code>mean_StanceDur</code>	0.25532	0.43567	0.58604	0.55888
<code>cond_char_0.5:mean_StanceDur</code>	-0.45172	1.3388	-0.33742	0.73635
<code>cond_char_0.75:mean_StanceDur</code>	-1.7526	2.4025	-0.72949	0.46703
<code>cond_char_1.0:mean_StanceDur</code>	0.45142	3.1969	0.1412	0.88793

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.14

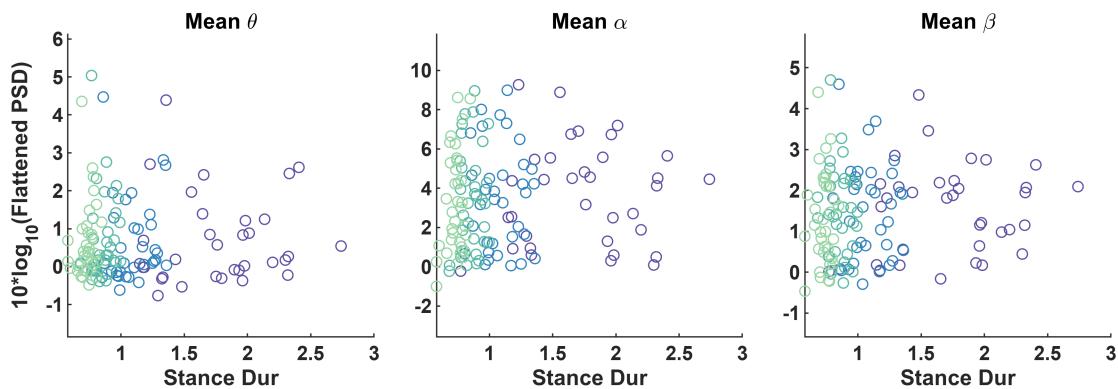
R-squared: 0.0134, Adjusted R-Squared: -0.0406

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

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.88583	3	0.29528	0.22578	0.87833
<code>mean_StanceDur</code>	0.040223	1	0.040223	0.030755	0.86106
<code>cond_char:mean_StanceDur</code>	0.84844	3	0.28281	0.21625	0.88499
<code>Error</code>	167.4	128	1.3078		
<code>Total</code>	169.67	135			

CL8: Fusiform_R

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



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)	0.32261	0.79446	0.40607	0.68537
cond_char_0.5	-0.29665	1.5902	-0.18655	0.85231
cond_char_0.75	-0.52062	2.083	-0.24993	0.80304
cond_char_1.0	-1.6844	2.3253	-0.72437	0.47016
mean_GaitCycleDur	0.13953	0.32391	0.43078	0.66736
cond_char_0.5:mean_GaitCycleDur	0.22401	0.89675	0.24981	0.80314
cond_char_0.75:mean_GaitCycleDur	0.52413	1.4645	0.35789	0.72101
cond_char_1.0:mean_GaitCycleDur	1.593	1.8848	0.84519	0.39958

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.11

R-squared: 0.0119, Adjusted R-Squared: -0.0422

F-statistic vs. constant model: 0.22, p-value = 0.98

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.68436	3	0.22812	0.18357	0.9074
mean_GaitCycleDur	1.6603	1	1.6603	1.3361	0.24988
cond_char:mean_GaitCycleDur	1.0569	3	0.3523	0.28351	0.83723
Error	159.06	128	1.2427		
Total	160.97	135			

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)	3.1195	1.8579	1.6791	0.095578
cond_char_0.5	0.72816	3.7187	0.19581	0.84507
cond_char_0.75	-2.5632	4.8713	-0.52619	0.59967
cond_char_1.0	-8.7904	5.4378	-1.6165	0.10844
mean_GaitCycleDur	0.24187	0.75748	0.3193	0.75002

<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.45383	2.0971	-0.21641	0.82901
<code>cond_char_0.75:mean_GaitCycleDur</code>	1.8972	3.4248	0.55396	0.58057
<code>cond_char_1.0:mean_GaitCycleDur</code>	7.3602	4.4076	1.6699	0.097386

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 2.61

R-squared: 0.0312, Adjusted R-Squared: -0.0218

F-statistic vs. constant model: 0.588, p-value = 0.765

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	20.442	3	6.8139	1.0026	0.39399
<code>mean_GaitCycleDur</code>	18.858	1	18.858	2.7749	0.0982
<code>cond_char:mean_GaitCycleDur</code>	21.468	3	7.1561	1.053	0.37161
<code>Error</code>	869.88	128	6.7959		
<code>Total</code>	897.85	135			

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)	1.016	0.81437	1.2476	0.21447
<code>cond_char_0.5</code>	0.55973	1.63	0.34339	0.73187
<code>cond_char_0.75</code>	1.1805	2.1352	0.55285	0.58133
<code>cond_char_1.0</code>	-1.1757	2.3835	-0.49326	0.62267
<code>mean_GaitCycleDur</code>	0.22186	0.33203	0.66821	0.5052
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.26898	0.91921	-0.29262	0.77029
<code>cond_char_0.75:mean_GaitCycleDur</code>	-0.79556	1.5012	-0.52996	0.59706
<code>cond_char_1.0:mean_GaitCycleDur</code>	1.0199	1.932	0.52789	0.59849

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.14

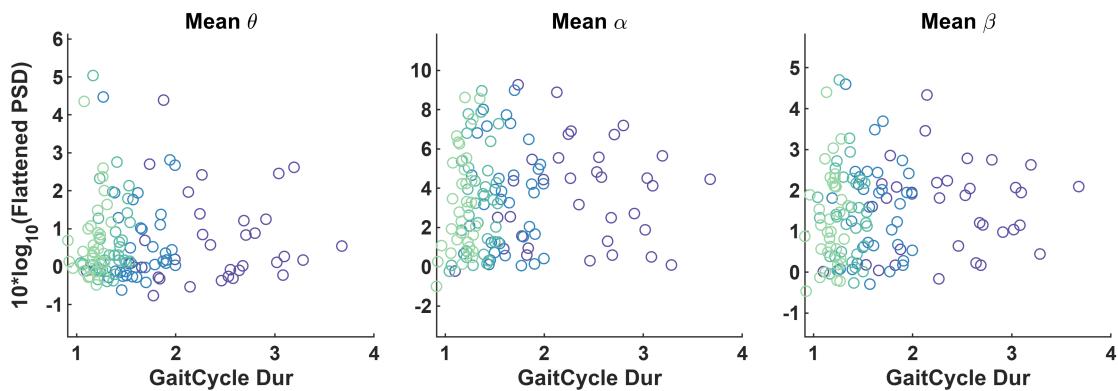
R-squared: 0.015, Adjusted R-Squared: -0.0389

F-statistic vs. constant model: 0.278, p-value = 0.962

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.9672	3	0.3224	0.24692	0.86341
<code>mean_GaitCycleDur</code>	0.1403	1	0.1403	0.10745	0.7436
<code>cond_char:mean_GaitCycleDur</code>	0.86482	3	0.28827	0.22078	0.88182
<code>Error</code>	167.13	128	1.3057		
<code>Total</code>	169.67	135			

CL8: Fusiform_R

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL8) 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)	1.3678	0.96428	1.4184	0.15849
cond_char_0.5	-0.67578	1.6052	-0.421	0.67446
cond_char_0.75	-0.56812	1.6843	-0.33731	0.73644
cond_char_1.0	-0.55567	1.6641	-0.33391	0.73899
mean_PeakUpDownVel_mean	-6.5228	8.6455	-0.75447	0.45195
cond_char_0.5:mean_PeakUpDownVel_mean	6.1372	10.942	0.56091	0.57584
cond_char_0.75:mean_PeakUpDownVel_mean	6.1407	9.9228	0.61885	0.53712
cond_char_1.0:mean_PeakUpDownVel_mean	6.1563	9.3096	0.66129	0.50961

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 1.12

R-squared: 0.00518, Adjusted R-Squared: -0.0492

F-statistic vs. constant model: 0.0953, p-value = 0.998

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.30441	3	0.10147	0.081105	0.97019
mean_PeakUpDownVel_mean	0.47214	1	0.47214	0.37739	0.5401
cond_char:mean_PeakUpDownVel_mean	0.5805	3	0.1935	0.15467	0.92652
Error	160.14	128	1.2511		
Total	160.97	135			

CL8) 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)	5.1896	2.2718	2.2843	0.023999
cond_char_0.5	-0.69323	3.7817	-0.18331	0.85484
cond_char_0.75	-2.0315	3.9682	-0.51196	0.60956
cond_char_1.0	-0.50666	3.9207	-0.12923	0.89738
mean_PeakUpDownVel_mean	-13.671	20.369	-0.67115	0.50334

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	8.4143	25.779	0.32641	0.74465
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	14.625	23.378	0.62557	0.53271
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	9.9659	21.933	0.45437	0.65033

Number of observations: 136, Error degrees of freedom: 128

Root Mean Squared Error: 2.64

R-squared: 0.00999, Adjusted R-Squared: -0.0441

F-statistic vs. constant model: 0.185, p-value = 0.988

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.8357	3	0.61191	0.088116	0.96645
<code>mean_PeakUpDownVel_mean</code>	3.784	1	3.784	0.5449	0.46176
<code>cond_char:mean_PeakUpDownVel_mean</code>	2.868	3	0.95599	0.13766	0.93735
<code>Error</code>	888.88	128	6.9444		
<code>Total</code>	897.85	135			

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)	2.8213	0.95474	2.955	0.0037229
<code>cond_char_0.5</code>	0.509	1.5893	0.32027	0.74929
<code>cond_char_0.75</code>	0.22779	1.6676	0.1366	0.89156
<code>cond_char_1.0</code>	1.1145	1.6477	0.67639	0.50001
<code>mean_PeakUpDownVel_mean</code>	-11.684	8.56	-1.3649	0.17467
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	2.0038	10.833	0.18497	0.85355
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	5.9065	9.8247	0.60119	0.54877
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	4.8956	9.2175	0.53112	0.59626

Number of observations: 136, Error degrees of freedom: 128

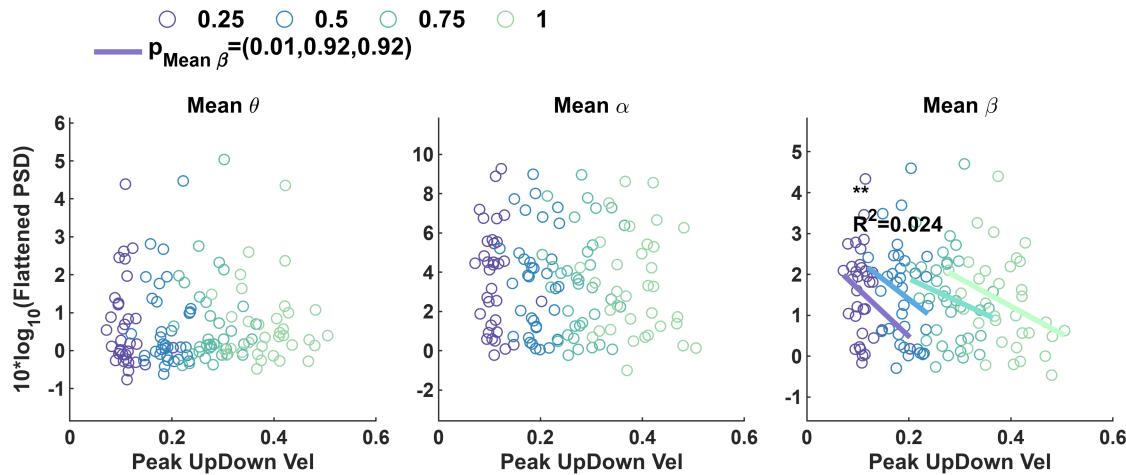
Root Mean Squared Error: 1.11

R-squared: 0.0747, Adjusted R-Squared: 0.0242

F-statistic vs. constant model: 1.48, p-value = 0.181

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.58897	3	0.19632	0.16007	0.92301
<code>mean_PeakUpDownVel_mean</code>	9.2702	1	9.2702	7.5586	0.006837
<code>cond_char:mean_PeakUpDownVel_mean</code>	0.62887	3	0.20962	0.17092	0.91587
<code>Error</code>	156.99	128	1.2265		
<code>Total</code>	169.67	135			

CL8: Fusiform_R



CL9) 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)	0.33875	0.2899	1.1685	0.24378
cond_char_0.5	0.078136	0.46757	0.16711	0.86743
cond_char_0.75	0.83206	0.48889	1.702	0.090081
cond_char_1.0	0.8035	0.44619	1.8008	0.073011
mean_APexc_COV	0.0043375	0.011906	0.3643	0.71596
cond_char_0.5:mean_APexc_COV	-0.0029149	0.021097	-0.13817	0.89022
cond_char_0.75:mean_APexc_COV	-0.034097	0.022879	-1.4903	0.13747
cond_char_1.0:mean_APexc_COV	-0.033804	0.02062	-1.6394	0.10247

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 0.798

R-squared: 0.0307, Adjusted R-Squared: 0.00196

F-statistic vs. constant model: 1.07, p-value = 0.385

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.36	3	1.12	1.7574	0.15603
mean_APexc_COV	1.641	1	1.641	2.5749	0.10991
cond_char:mean_APexc_COV	2.6893	3	0.89645	1.4066	0.24153
Error	150.41	236	0.63731		
Total	155.17	243			

CL9) 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)	0.68908	0.81269	0.8479	0.39735
cond_char_0.5	1.6806	1.3108	1.2822	0.20104
cond_char_0.75	1.8111	1.3705	1.3214	0.18763
cond_char_1.0	1.3513	1.2508	1.0803	0.2811
mean_APexc_COV	0.060341	0.033378	1.8078	0.071907

cond_char_0.5:mean_APexc_COV	-0.084892	0.059142	-1.4354	0.1525
cond_char_0.75:mean_APexc_COV	-0.092398	0.064137	-1.4406	0.15101
cond_char_1.0:mean_APexc_COV	-0.066403	0.057805	-1.1487	0.25183

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.24

R-squared: 0.0174, Adjusted R-Squared: -0.0118

F-statistic vs. constant model: 0.596, p-value = 0.759

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	13.128	3	4.3759	0.87367	0.45538
mean_APexc_COV	0.0031143	1	0.0031143	0.00062179	0.98013
cond_char:mean_APexc_COV	17.222	3	5.7406	1.1461	0.33117
Error	1182	236	5.0086		
Total	1202.9	243			

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
(Intercept)	1.8624	0.72858	2.5562	0.01121
cond_char_0.5	-0.22779	1.1751	-0.19385	0.84646
cond_char_0.75	-0.32087	1.2287	-0.26114	0.79421
cond_char_1.0	-0.69676	1.1214	-0.62134	0.53497
mean_APexc_COV	0.039769	0.029923	1.329	0.18512
cond_char_0.5:mean_APexc_COV	0.0099966	0.053022	0.18854	0.85062
cond_char_0.75:mean_APexc_COV	0.015864	0.057499	0.27591	0.78286
cond_char_1.0:mean_APexc_COV	0.031064	0.051823	0.59943	0.54946

Number of observations: 244, Error degrees of freedom: 236

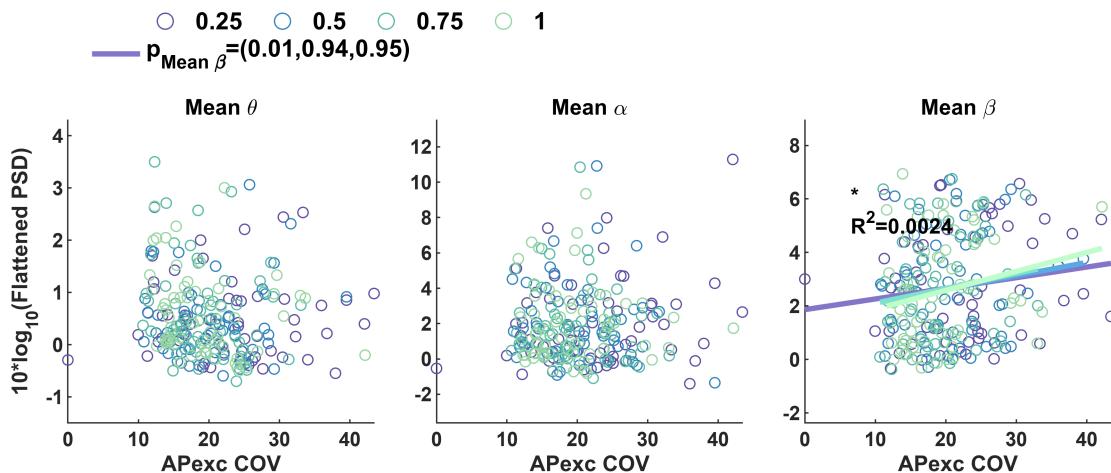
Root Mean Squared Error: 2.01

R-squared: 0.0312, Adjusted R-Squared: 0.00244

F-statistic vs. constant model: 1.09, p-value = 0.374

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.576	3	0.52534	0.1305	0.94189
mean_APexc_COV	26.784	1	26.784	6.6536	0.010502
cond_char:mean_APexc_COV	1.4906	3	0.49686	0.12343	0.94621
Error	950.03	236	4.0255		
Total	980.6	243			

CL9: Postcentral_R



CL9) 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)	-0.017741	0.30527	-0.058117	0.9537
cond_char_0.5	0.66917	0.49063	1.3639	0.1739
cond_char_0.75	0.24919	0.56195	0.44344	0.65785
cond_char_1.0	0.074504	0.55949	0.13316	0.89418
mean_APexc_mean	7.4061	4.6779	1.5832	0.11471
cond_char_0.5:mean_APexc_mean	-11.576	8.8411	-1.3094	0.19169
cond_char_0.75:mean_APexc_mean	1.3004	12.073	0.10771	0.91432
cond_char_1.0:mean_APexc_mean	6.0977	12.782	0.47703	0.63378

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 0.8

R-squared: 0.0275, Adjusted R-Squared: -0.00139

F-statistic vs. constant model: 0.952, p-value = 0.467

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.2701	3	0.42335	0.66206	0.57614
mean_APexc_mean	1.2052	1	1.2052	1.8848	0.1711
cond_char:mean_APexc_mean	1.5111	3	0.50369	0.7877	0.50182
Error	150.91	236	0.63945		
Total	155.17	243			

CL9) 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)	0.10657	0.84124	0.12668	0.8993
cond_char_0.5	2.3868	1.352	1.7653	0.078806
cond_char_0.75	4.0833	1.5486	2.6368	0.008926
cond_char_1.0	3.4239	1.5418	2.2207	0.027324
mean_APexc_mean	31.838	12.891	2.4698	0.014228

cond_char_0.5:mean_APexc_mean	-44.409	24.364	-1.8228	0.069606
cond_char_0.75:mean_APexc_mean	-87.747	33.271	-2.6374	0.0089105
cond_char_1.0:mean_APexc_mean	-73.605	35.225	-2.0895	0.03773

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.2

R-squared: 0.0473, Adjusted R-Squared: 0.019

F-statistic vs. constant model: 1.67, p-value = 0.116

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	46.242	3	15.414	3.1742	0.024923
mean_APexc_mean	11.443	1	11.443	2.3564	0.12611
cond_char:mean_APexc_mean	53.52	3	17.84	3.6737	0.012892
Error	1146	236	4.8561		
Total	1202.9	243			

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)	2.548	0.76492	3.331	0.0010041
cond_char_0.5	0.95703	1.2294	0.77847	0.43707
cond_char_0.75	2.4824	1.4081	1.763	0.0792
cond_char_1.0	1.7842	1.4019	1.2726	0.2044
mean_APexc_mean	3.5871	11.722	0.30603	0.75985
cond_char_0.5:mean_APexc_mean	-21.09	22.153	-0.95199	0.34208
cond_char_0.75:mean_APexc_mean	-61.74	30.252	-2.0408	0.042382
cond_char_1.0:mean_APexc_mean	-50.534	32.029	-1.5777	0.11597

Number of observations: 244, Error degrees of freedom: 236

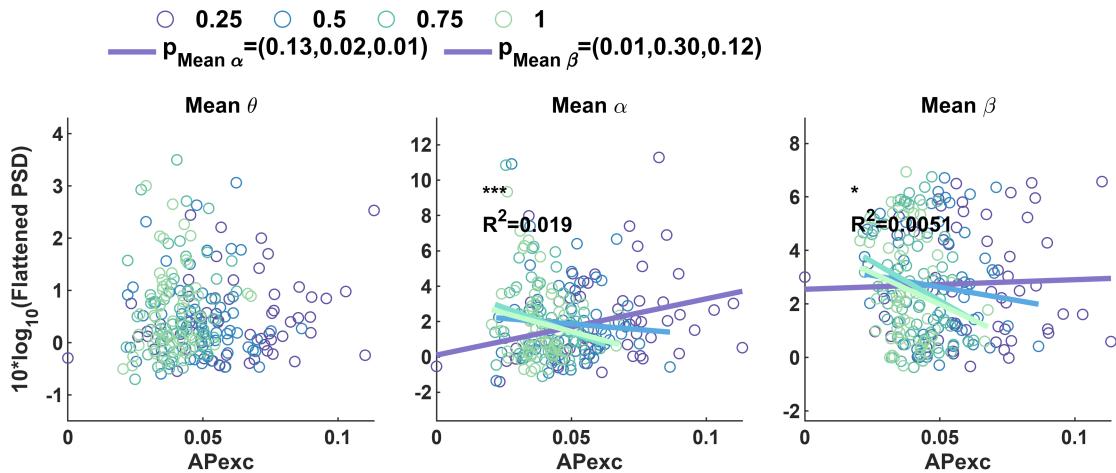
Root Mean Squared Error: 2

R-squared: 0.0337, Adjusted R-Squared: 0.00508

F-statistic vs. constant model: 1.18, p-value = 0.317

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	14.956	3	4.9854	1.2417	0.29527
mean_APexc_mean	26.364	1	26.364	6.5665	0.011013
cond_char:mean_APexc_mean	23.957	3	7.9857	1.989	0.11631
Error	947.52	236	4.0149		
Total	980.6	243			

CL9: Postcentral_R



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)	0.34555	0.24519	1.4093	0.16006
cond_char_0.5	-0.0085817	0.37979	-0.022596	0.98199
cond_char_0.75	-0.12335	0.41524	-0.29705	0.76669
cond_char_1.0	0.18283	0.45233	0.40419	0.68644
mean_MLexc_COV	0.0073876	0.017863	0.41358	0.67956
cond_char_0.5:mean_MLexc_COV	0.0011092	0.027718	0.040018	0.96811
cond_char_0.75:mean_MLexc_COV	0.018096	0.028332	0.63869	0.52364
cond_char_1.0:mean_MLexc_COV	-0.0046124	0.027756	-0.16618	0.86816

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 0.805

R-squared: 0.0151, Adjusted R-Squared: -0.0141

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

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.23806	3	0.079353	0.12254	0.94675
mean_MLexc_COV	0.74085	1	0.74085	1.144	0.2859
cond_char:mean_MLexc_COV	0.41166	3	0.13722	0.21189	0.88811
Error	152.83	236	0.64759		
Total	155.17	243			

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)	0.91215	0.67258	1.3562	0.17633
cond_char_0.5	2.1967	1.0418	2.1086	0.036037
cond_char_0.75	2.5389	1.139	2.229	0.026755
cond_char_1.0	2.0206	1.2408	1.6285	0.10475
mean_MLexc_COV	0.092468	0.048998	1.8872	0.060363

<code>cond_char_0.5:mean_MLexc_COV</code>	-0.18908	0.076033	-2.4868	0.013582
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.20107	0.077716	-2.5872	0.010276
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.15104	0.076136	-1.9839	0.048431

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.21

R-squared: 0.044, Adjusted R-Squared: 0.0157

F-statistic vs. constant model: 1.55, p-value = 0.15

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	35.198	3	11.733	2.4079	0.067859
<code>mean_MLexc_COV</code>	11.159	1	11.159	2.29	0.13154
<code>cond_char:mean_MLexc_COV</code>	46.274	3	15.425	3.1656	0.025208
<code>Error</code>	1149.9	236	4.8726		
<code>Total</code>	1202.9	243			

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)	2.2865	0.61442	3.7214	0.00024771
<code>cond_char_0.5</code>	0.93058	0.9517	0.97781	0.32917
<code>cond_char_0.75</code>	1.5489	1.0405	1.4886	0.13793
<code>cond_char_1.0</code>	1.1278	1.1335	0.99498	0.32077
<code>mean_MLexc_COV</code>	0.038696	0.044761	0.86451	0.38819
<code>cond_char_0.5:mean_MLexc_COV</code>	-0.083707	0.069459	-1.2051	0.22936
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.12223	0.070996	-1.7217	0.086433
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.090253	0.069553	-1.2976	0.19569

Number of observations: 244, Error degrees of freedom: 236

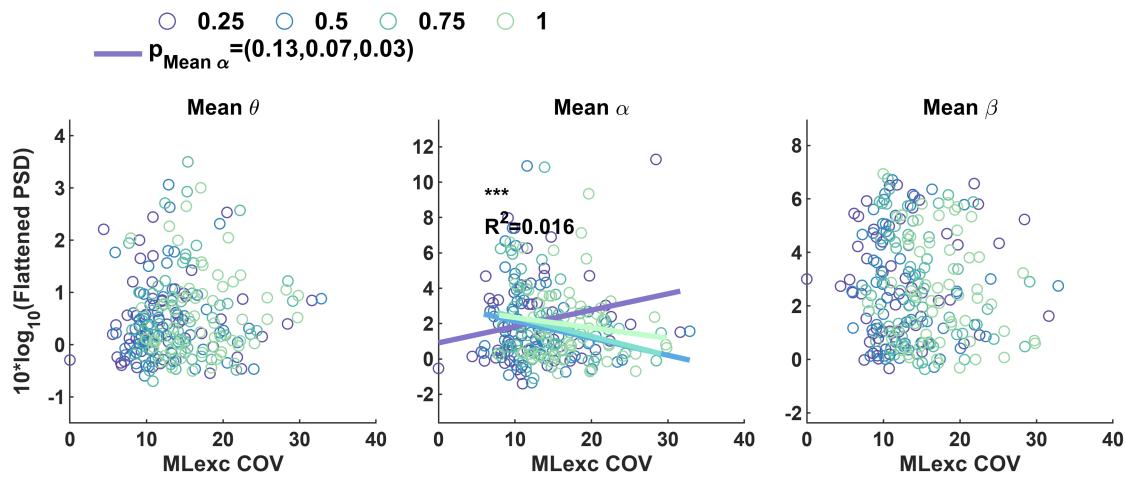
Root Mean Squared Error: 2.02

R-squared: 0.0213, Adjusted R-Squared: -0.00769

F-statistic vs. constant model: 0.735, p-value = 0.642

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	10.625	3	3.5417	0.87095	0.45679
<code>mean_MLexc_COV</code>	7.6028	1	7.6028	1.8696	0.17282
<code>cond_char:mean_MLexc_COV</code>	14.371	3	4.7903	1.178	0.31879
<code>Error</code>	959.67	236	4.0664		
<code>Total</code>	980.6	243			

CL9: Postcentral_R



CL9) 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)	-0.0075866	0.35021	-0.021663	0.98273
cond_char_0.5	0.37997	0.50624	0.75057	0.45366
cond_char_0.75	0.64145	0.53657	1.1955	0.2331
cond_char_1.0	0.43635	0.56746	0.76895	0.44269
mean_MLexc_mean	3.7344	2.8079	1.3299	0.18482
cond_char_0.5:mean_MLexc_mean	-2.9552	4.6685	-0.633	0.52735
cond_char_0.75:mean_MLexc_mean	-4.3251	6.186	-0.69918	0.48513
cond_char_1.0:mean_MLexc_mean	-1.1412	8.1422	-0.14016	0.88865

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 0.804

R-squared: 0.0161, Adjusted R-Squared: -0.0131

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

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.0027	3	0.33423	0.51665	0.67121
mean_MLexc_mean	0.24837	1	0.24837	0.38392	0.53611
cond_char:mean_MLexc_mean	0.45445	3	0.15148	0.23416	0.87251
Error	152.67	236	0.64692		
Total	155.17	243			

CL9) 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)	0.91607	0.97827	0.93642	0.35001
cond_char_0.5	0.64406	1.4141	0.45545	0.64921
cond_char_0.75	0.38491	1.4988	0.2568	0.79755
cond_char_1.0	0.57108	1.5851	0.36027	0.71897
mean_MLexc_mean	9.6291	7.8436	1.2276	0.22081

cond_char_0.5:mean_MLexc_mean	-6.3019	13.041	-0.48324	0.62937
cond_char_0.75:mean_MLexc_mean	-1.5647	17.28	-0.090553	0.92792
cond_char_1.0:mean_MLexc_mean	-1.9458	22.744	-0.085549	0.9319

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.25

R-squared: 0.00967, Adjusted R-Squared: -0.0197

F-statistic vs. constant model: 0.329, p-value = 0.94

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.2173	3	0.40578	0.080386	0.97062
mean_MLexc_mean	4.8198	1	4.8198	0.95481	0.3295
cond_char:mean_MLexc_mean	1.1887	3	0.39623	0.078493	0.9716
Error	1191.3	236	5.0479		
Total	1202.9	243			

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)	2.7429	0.88641	3.0944	0.00221
cond_char_0.5	0.20958	1.2813	0.16356	0.87022
cond_char_0.75	0.085132	1.3581	0.062684	0.95007
cond_char_1.0	-0.1591	1.4363	-0.11077	0.9119
mean_MLexc_mean	0.21465	7.1072	0.030202	0.97593
cond_char_0.5:mean_MLexc_mean	-3.5233	11.817	-0.29817	0.76584
cond_char_0.75:mean_MLexc_mean	-3.0733	15.657	-0.19628	0.84456
cond_char_1.0:mean_MLexc_mean	-1.2252	20.609	-0.05945	0.95264

Number of observations: 244, Error degrees of freedom: 236

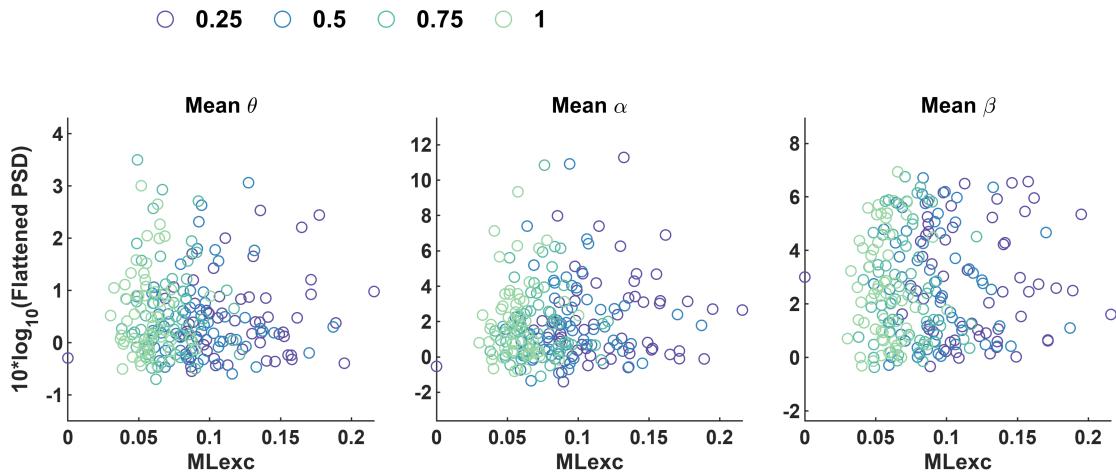
Root Mean Squared Error: 2.04

R-squared: 0.00256, Adjusted R-Squared: -0.027

F-statistic vs. constant model: 0.0865, p-value = 0.999

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.2831	3	0.094366	0.022769	0.99533
mean_MLexc_mean	0.28363	1	0.28363	0.068435	0.79386
cond_char:mean_MLexc_mean	0.42851	3	0.14284	0.034465	0.9914
Error	978.09	236	4.1445		
Total	980.6	243			

CL9: Postcentral_R



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)	-0.14249	0.43064	-0.33088	0.74103
cond_char_0.5	0.53494	0.78426	0.68209	0.49585
cond_char_0.75	-0.41542	1.0204	-0.40712	0.68429
cond_char_1.0	-1.4966	1.2784	-1.1707	0.2429
mean_StepDur	0.50368	0.36331	1.3864	0.16694
cond_char_0.5:mean_StepDur	-0.4372	0.88682	-0.493	0.62247
cond_char_0.75:mean_StepDur	1.2366	1.4385	0.85968	0.39084
cond_char_1.0:mean_StepDur	3.2782	2.0795	1.5765	0.11626

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 0.796

R-squared: 0.0362, Adjusted R-Squared: 0.00763

F-statistic vs. constant model: 1.27, p-value = 0.267

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.5246	3	0.50821	0.80198	0.49386
mean_StepDur	3.401	1	3.401	5.3669	0.021379
cond_char:mean_StepDur	2.2734	3	0.7578	1.1959	0.31204
Error	149.55	236	0.63369		
Total	155.17	243			

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)	1.7261	1.2184	1.4167	0.15789
cond_char_0.5	0.10082	2.219	0.045434	0.9638
cond_char_0.75	1.9681	2.8871	0.68171	0.49609
cond_char_1.0	1.9553	3.6169	0.54061	0.58929
mean_StepDur	0.29331	1.0279	0.28534	0.77564

cond_char_0.5:mean_StepDur	-0.23574	2.5091	-0.093952	0.92523
cond_char_0.75:mean_StepDur	-3.0453	4.07	-0.74824	0.45506
cond_char_1.0:mean_StepDur	-3.2938	5.8836	-0.55983	0.57613

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.25

R-squared: 0.00476, Adjusted R-Squared: -0.0248

F-statistic vs. constant model: 0.161, p-value = 0.992

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.5577	3	1.1859	0.23377	0.87279
mean_StepDur	2.6735	1	2.6735	0.52702	0.46858
cond_char:mean_StepDur	4.2526	3	1.4175	0.27943	0.84022
Error	1197.2	236	5.0729		
Total	1202.9	243			

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)	3.6266	1.0876	3.3344	0.00099273
cond_char_0.5	0.40381	1.9808	0.20386	0.83864
cond_char_0.75	2.3863	2.5772	0.92596	0.35541
cond_char_1.0	3.808	3.2287	1.1794	0.23942
mean_StepDur	-0.7451	0.9176	-0.81201	0.41761
cond_char_0.5:mean_StepDur	-0.99045	2.2398	-0.4422	0.65875
cond_char_0.75:mean_StepDur	-4.3849	3.6331	-1.2069	0.22867
cond_char_1.0:mean_StepDur	-7.6343	5.2521	-1.4536	0.14739

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.01

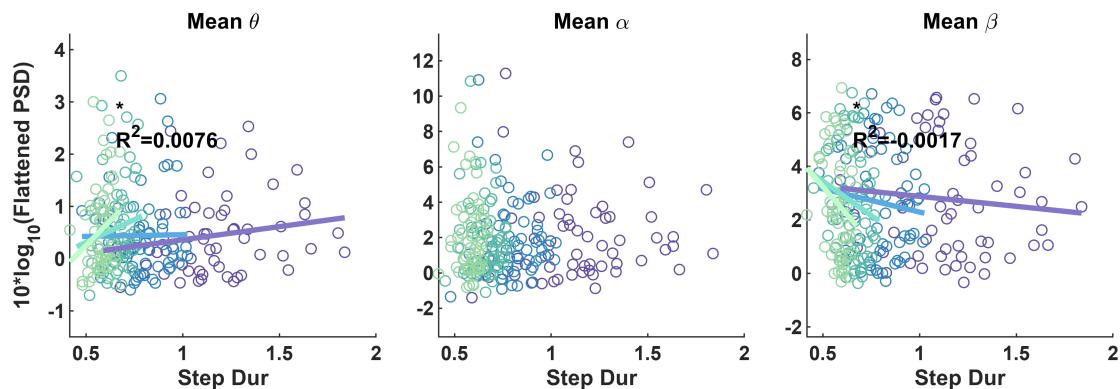
R-squared: 0.0271, Adjusted R-Squared: -0.00172

F-statistic vs. constant model: 0.941, p-value = 0.476

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	8.1268	3	2.7089	0.67014	0.57113
mean_StepDur	23.428	1	23.428	5.7956	0.016835
cond_char:mean_StepDur	14.035	3	4.6784	1.1574	0.32677
Error	953.99	236	4.0423		
Total	980.6	243			

CL9: Postcentral_R

○ 0.25 ○ 0.5 ○ 0.75 ○ 1
— $p_{\text{Mean } \theta} = (0.02, 0.49, 0.31)$ — $p_{\text{Mean } \beta} = (0.02, 0.57, 0.33)$



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)	0.48898	0.38308	1.2764	0.20306
cond_char_0.5	-0.66234	0.6603	-1.0031	0.31685
cond_char_0.75	0.05233	0.59236	0.088342	0.92968
cond_char_1.0	0.62473	0.55184	1.1321	0.25874
mean_UDexc_COV	-0.0025781	0.018511	-0.13928	0.88935
cond_char_0.5:mean_UDexc_COV	0.04598	0.041386	1.111	0.26769
cond_char_0.75:mean_UDexc_COV	0.007361	0.045664	0.1612	0.87207
cond_char_1.0:mean_UDexc_COV	-0.063315	0.050548	-1.2526	0.2116

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 0.802

R-squared: 0.022, Adjusted R-Squared: -0.00702

F-statistic vs. constant model: 0.758, p-value = 0.623

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.4637	3	0.82124	1.2771	0.28289
mean_UDexc_COV	0.046694	1	0.046694	0.072613	0.7878
cond_char:mean_UDexc_COV	2.1659	3	0.72195	1.1227	0.34056
Error	151.76	236	0.64305		
Total	155.17	243			

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)	2.2632	1.0545	2.1463	0.032872
cond_char_0.5	3.0268	1.8176	1.6653	0.097181
cond_char_0.75	1.0932	1.6306	0.67042	0.50324
cond_char_1.0	1.6415	1.519	1.0806	0.28097
mean_UDexc_COV	-0.0099967	0.050954	-0.19619	0.84463

<code>cond_char_0.5:mean_UDexc_COV</code>	-0.22959	0.11392	-2.0153	0.045006
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.13042	0.1257	-1.0376	0.30053
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.23282	0.13914	-1.6733	0.095603

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.21

R-squared: 0.0441, Adjusted R-Squared: 0.0157

F-statistic vs. constant model: 1.55, p-value = 0.15

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	14.555	3	4.8516	0.9957	0.39556
<code>mean_UDexc_COV</code>	45.435	1	45.435	9.3246	0.0025202
<code>cond_char:mean_UDexc_COV</code>	30.144	3	10.048	2.0622	0.10593
<code>Error</code>	1149.9	236	4.8726		
<code>Total</code>	1202.9	243			

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)	2.5601	0.96991	2.6396	0.0088547
<code>cond_char_0.5</code>	1.4795	1.6718	0.88498	0.37707
<code>cond_char_0.75</code>	0.67293	1.4998	0.44869	0.65407
<code>cond_char_1.0</code>	0.0029305	1.3972	0.0020974	0.99833
<code>mean_UDexc_COV</code>	0.010451	0.046867	0.22299	0.82373
<code>cond_char_0.5:mean_UDexc_COV</code>	-0.10849	0.10478	-1.0354	0.30154
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.068225	0.11561	-0.59011	0.55568
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.014949	0.12798	-0.1168	0.90712

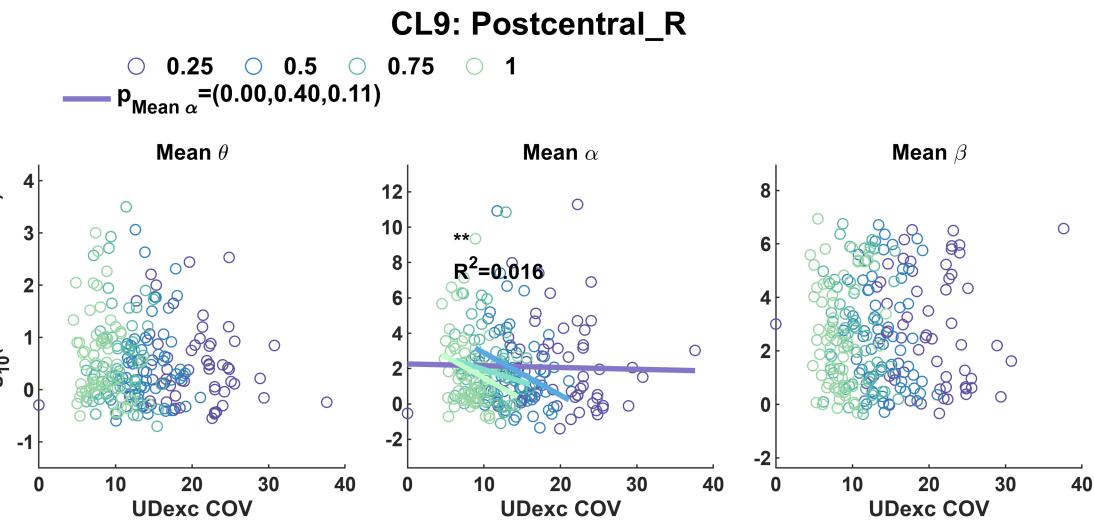
Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.03

R-squared: 0.00792, Adjusted R-Squared: -0.0215

F-statistic vs. constant model: 0.269, p-value = 0.965

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.1682	3	1.3894	0.33706	0.79856
<code>mean_UDexc_COV</code>	2.5481	1	2.5481	0.61814	0.43253
<code>cond_char:mean_UDexc_COV</code>	5.1542	3	1.7181	0.41679	0.74111
<code>Error</code>	972.84	236	4.1222		
<code>Total</code>	980.6	243			



CL9) 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)	0.41974	0.33603	1.2491	0.21286
cond_char_0.5	0.36888	0.58541	0.63012	0.52922
cond_char_0.75	0.4632	0.66064	0.70114	0.48391
cond_char_1.0	0.029302	0.6636	0.044156	0.96482
mean_UDexc_mean	1.2046	21.605	0.055754	0.95559
cond_char_0.5:mean_UDexc_mean	-18.335	31.835	-0.57594	0.56521
cond_char_0.75:mean_UDexc_mean	-12.014	29.963	-0.40095	0.68882
cond_char_1.0:mean_UDexc_mean	2.3836	26.817	0.088885	0.92925

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 0.806

R-squared: 0.0116, Adjusted R-Squared: -0.0177

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

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.48925	3	0.16308	0.25095	0.86061
mean_UDexc_mean	0.20519	1	0.20519	0.31574	0.57471
cond_char:mean_UDexc_mean	0.4607	3	0.15357	0.23631	0.871
Error	153.37	236	0.64986		
Total	155.17	243			

CL9) 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)	0.5157	0.93373	0.5523	0.58127
cond_char_0.5	1.0363	1.6267	0.63706	0.5247
cond_char_0.75	1.0666	1.8357	0.58102	0.56178
cond_char_1.0	0.53166	1.844	0.28832	0.77335
mean_UDexc_mean	104.6	60.034	1.7423	0.082754

cond_char_0.5:mean_UDexc_mean	-88.563	88.46	-1.0012	0.31777
cond_char_0.75:mean_UDexc_mean	-93.684	83.259	-1.1252	0.26164
cond_char_1.0:mean_UDexc_mean	-79.857	74.516	-1.0717	0.28496

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.24

R-squared: 0.0156, Adjusted R-Squared: -0.0136

F-statistic vs. constant model: 0.534, p-value = 0.808

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.897	3	0.96565	0.19245	0.90148
mean_UDexc_mean	9.3547	1	9.3547	1.8643	0.17342
cond_char:mean_UDexc_mean	8.2968	3	2.7656	0.55117	0.64783
Error	1184.2	236	5.0177		
Total	1202.9	243			

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)	3.1477	0.84781	3.7128	0.00025583
cond_char_0.5	-0.40404	1.477	-0.27356	0.78466
cond_char_0.75	0.3455	1.6668	0.20728	0.83597
cond_char_1.0	-0.54828	1.6743	-0.32747	0.7436
mean_UDexc_mean	-25.621	54.51	-0.47003	0.63877
cond_char_0.5:mean_UDexc_mean	20.508	80.32	0.25533	0.79869
cond_char_0.75:mean_UDexc_mean	-6.6381	75.597	-0.087809	0.9301
cond_char_1.0:mean_UDexc_mean	23.558	67.659	0.34819	0.72801

Number of observations: 244, Error degrees of freedom: 236

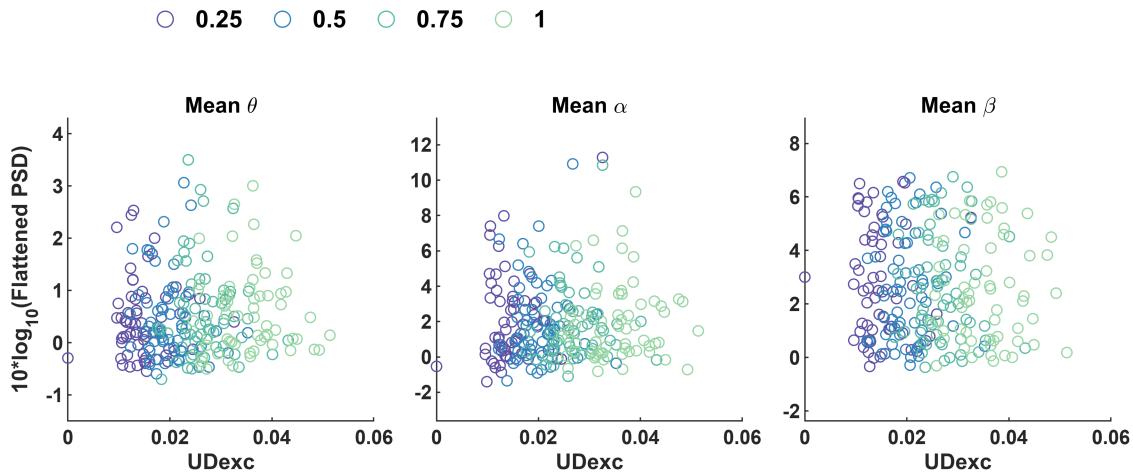
Root Mean Squared Error: 2.03

R-squared: 0.00442, Adjusted R-Squared: -0.0251

F-statistic vs. constant model: 0.15, p-value = 0.994

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1103	3	0.37009	0.089464	0.96578
mean_UDexc_mean	1.6208	1	1.6208	0.39181	0.53195
cond_char:mean_UDexc_mean	1.1506	3	0.38355	0.092718	0.96401
Error	976.27	236	4.1367		
Total	980.6	243			

CL9: Postcentral_R



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)	-0.051452	0.40631	-0.12663	0.89934
cond_char_0.5	0.49591	0.76935	0.64459	0.51982
cond_char_0.75	-0.30826	1.0505	-0.29343	0.76945
cond_char_1.0	-1.4503	1.317	-1.1012	0.27192
mean_StanceDur	0.28932	0.23265	1.2436	0.21488
cond_char_0.5:mean_StanceDur	-0.2882	0.64802	-0.44474	0.65692
cond_char_0.75:mean_StanceDur	0.83815	1.1651	0.71938	0.47262
cond_char_1.0:mean_StanceDur	2.5501	1.722	1.4809	0.13995

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 0.799

R-squared: 0.0298, Adjusted R-Squared: 0.001

F-statistic vs. constant model: 1.03, p-value = 0.407

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.2866	3	0.42887	0.67229	0.56981
mean_StanceDur	2.495	1	2.495	3.9111	0.049131
cond_char:mean_StanceDur	1.8985	3	0.63284	0.99203	0.39725
Error	150.55	236	0.63793		
Total	155.17	243			

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)	1.4786	1.1465	1.2897	0.1984
cond_char_0.5	-0.32674	2.1708	-0.15052	0.88049
cond_char_0.75	0.97418	2.9643	0.32864	0.74272
cond_char_1.0	-0.54366	3.7162	-0.1463	0.88381
mean_StanceDur	0.34627	0.65645	0.52749	0.59835

<code>cond_char_0.5:mean_StanceDur</code>	0.32967	1.8285	0.1803	0.85707
<code>cond_char_0.75:mean_StanceDur</code>	-1.0294	3.2875	-0.31313	0.75446
<code>cond_char_1.0:mean_StanceDur</code>	1.0051	4.8587	0.20686	0.8363

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.25

R-squared: 0.00358, Adjusted R-Squared: -0.026

F-statistic vs. constant model: 0.121, p-value = 0.997

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.92439	3	0.30813	0.060669	0.98039
<code>mean_StanceDur</code>	0.39335	1	0.39335	0.077448	0.78103
<code>cond_char:mean_StanceDur</code>	0.92362	3	0.30787	0.060618	0.98042
<code>Error</code>	1198.6	236	5.0789		
<code>Total</code>	1202.9	243			

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)	3.3404	1.0311	3.2395	0.0013697
<code>cond_char_0.5</code>	0.068341	1.9525	0.035002	0.97211
<code>cond_char_0.75</code>	1.6776	2.6661	0.62922	0.52981
<code>cond_char_1.0</code>	1.8943	3.3423	0.56675	0.57142
<code>mean_StanceDur</code>	-0.33832	0.59041	-0.57303	0.56717
<code>cond_char_0.5:mean_StanceDur</code>	-0.38094	1.6445	-0.23164	0.81702
<code>cond_char_0.75:mean_StanceDur</code>	-2.4984	2.9568	-0.84498	0.39898
<code>cond_char_1.0:mean_StanceDur</code>	-3.3624	4.3699	-0.76943	0.44241

Number of observations: 244, Error degrees of freedom: 236

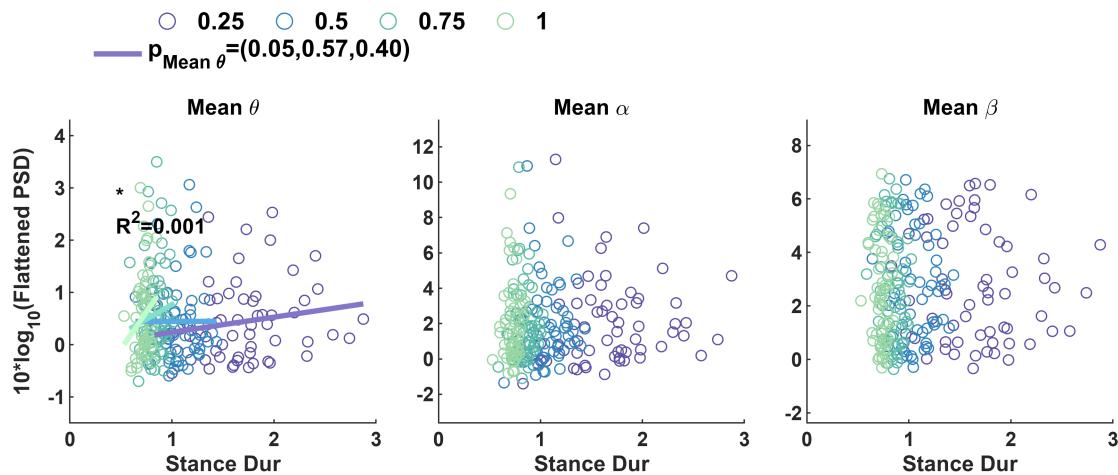
Root Mean Squared Error: 2.03

R-squared: 0.0112, Adjusted R-Squared: -0.0181

F-statistic vs. constant model: 0.383, p-value = 0.912

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.7499	3	0.91664	0.22311	0.88028
<code>mean_StanceDur</code>	7.9405	1	7.9405	1.9327	0.16577
<code>cond_char:mean_StanceDur</code>	5.3023	3	1.7674	0.43019	0.73156
<code>Error</code>	969.6	236	4.1085		
<code>Total</code>	980.6	243			

CL9: Postcentral_R



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)	-0.14255	0.42992	-0.33157	0.74051
cond_char_0.5	0.5434	0.78281	0.69416	0.48826
cond_char_0.75	-0.43066	1.0224	-0.42121	0.67399
cond_char_1.0	-1.4955	1.2762	-1.1719	0.24244
mean_GaitCycleDur	0.25157	0.18112	1.389	0.16615
cond_char_0.5:mean_GaitCycleDur	-0.22359	0.44237	-0.50542	0.61373
cond_char_0.75:mean_GaitCycleDur	0.63005	0.72093	0.87395	0.38303
cond_char_1.0:mean_GaitCycleDur	1.6382	1.0377	1.5786	0.11577

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 0.796

R-squared: 0.0364, Adjusted R-Squared: 0.00782

F-statistic vs. constant model: 1.27, p-value = 0.264

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.5504	3	0.51681	0.81571	0.48629
mean_GaitCycleDur	3.4154	1	3.4154	5.3906	0.021097
cond_char:mean_GaitCycleDur	2.3039	3	0.76797	1.2121	0.30599
Error	149.52	236	0.63357		
Total	155.17	243			

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)	1.7316	1.2166	1.4233	0.15598
cond_char_0.5	0.085399	2.2153	0.03855	0.96928
cond_char_0.75	1.9484	2.8934	0.6734	0.50135
cond_char_1.0	1.8389	3.6115	0.50918	0.6111
mean_GaitCycleDur	0.14412	0.51256	0.28117	0.77882

<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.10912	1.2519	-0.087162	0.93062
<code>cond_char_0.75:mean_GaitCycleDur</code>	-1.5091	2.0402	-0.73971	0.46021
<code>cond_char_1.0:mean_GaitCycleDur</code>	-1.5494	2.9367	-0.52759	0.59828

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.25

R-squared: 0.00457, Adjusted R-Squared: -0.025

F-statistic vs. constant model: 0.155, p-value = 0.993

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.368	3	1.1227	0.22126	0.88158
<code>mean_GaitCycleDur</code>	2.4636	1	2.4636	0.48554	0.48661
<code>cond_char:mean_GaitCycleDur</code>	4.0253	3	1.3418	0.26444	0.85098
<code>Error</code>	1197.4	236	5.0739		
<code>Total</code>	1202.9	243			

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)	3.6273	1.086	3.3399	0.00097399
<code>cond_char_0.5</code>	0.39068	1.9775	0.19756	0.84356
<code>cond_char_0.75</code>	2.3965	2.5828	0.92788	0.35442
<code>cond_char_1.0</code>	3.762	3.2238	1.1669	0.24441
<code>mean_GaitCycleDur</code>	-0.3724	0.45754	-0.81392	0.41651
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.48737	1.1175	-0.43613	0.66314
<code>cond_char_0.75:mean_GaitCycleDur</code>	-2.2005	1.8212	-1.2083	0.22814
<code>cond_char_1.0:mean_GaitCycleDur</code>	-3.7779	2.6215	-1.4411	0.15087

Number of observations: 244, Error degrees of freedom: 236

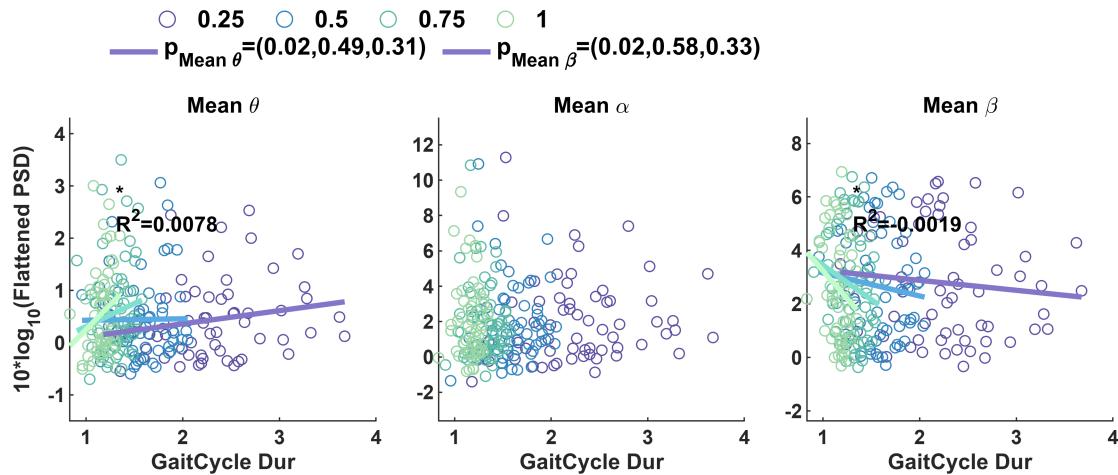
Root Mean Squared Error: 2.01

R-squared: 0.027, Adjusted R-Squared: -0.00191

F-statistic vs. constant model: 0.934, p-value = 0.481

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	8.0433	3	2.6811	0.66313	0.57548
<code>mean_GaitCycleDur</code>	23.222	1	23.222	5.7436	0.017328
<code>cond_char:mean_GaitCycleDur</code>	13.905	3	4.635	1.1464	0.33107
<code>Error</code>	954.17	236	4.0431		
<code>Total</code>	980.6	243			

CL9: Postcentral_R



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)	0.61994	0.38458	1.612	0.1083
cond_char_0.5	-0.28788	0.65532	-0.4393	0.66085
cond_char_0.75	0.3099	0.72712	0.42621	0.67034
cond_char_1.0	0.069556	0.76467	0.090961	0.9276
mean_PeakUpDownVel_mean	-1.6134	3.2774	-0.49228	0.62298
cond_char_0.5:mean_PeakUpDownVel_mean	2.1832	4.1901	0.52104	0.60283
cond_char_0.75:mean_PeakUpDownVel_mean	0.4424	3.8963	0.11354	0.9097
cond_char_1.0:mean_PeakUpDownVel_mean	1.3266	3.6703	0.36145	0.71809

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 0.807

R-squared: 0.0107, Adjusted R-Squared: -0.0187

F-statistic vs. constant model: 0.363, p-value = 0.923

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.36264	3	0.12088	0.18583	0.90597
mean_PeakUpDownVel_mean	0.16462	1	0.16462	0.25307	0.61539
cond_char:mean_PeakUpDownVel_mean	0.26082	3	0.08694	0.13365	0.93994
Error	153.52	236	0.6505		
Total	155.17	243			

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)	1.0184	1.069	0.95264	0.34175
cond_char_0.5	1.4372	1.8216	0.789	0.43091
cond_char_0.75	1.3097	2.0211	0.64801	0.51761
cond_char_1.0	-1.5143	2.1256	-0.71244	0.47689
mean_PeakUpDownVel_mean	9.2497	9.1102	1.0153	0.311

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-12.172	11.647	-1.0451	0.29706
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	-10.814	10.83	-0.99852	0.31905
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	-3.1257	10.202	-0.30638	0.75959

Number of observations: 244, Error degrees of freedom: 236

Root Mean Squared Error: 2.24

R-squared: 0.0139, Adjusted R-Squared: -0.0153

F-statistic vs. constant model: 0.476, p-value = 0.851

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	10.017	3	3.3389	0.6643	0.57475
<code>mean_PeakUpDownVel_mean</code>	3.1183	1	3.1183	0.62041	0.43168
<code>cond_char:mean_PeakUpDownVel_mean</code>	11.069	3	3.6898	0.73412	0.53259
<code>Error</code>	1186.2	236	5.0262		
<code>Total</code>	1202.9	243			

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)	3.0689	0.96608	3.1767	0.0016887
<code>cond_char_0.5</code>	0.11221	1.6462	0.068163	0.94571
<code>cond_char_0.75</code>	1.8094	1.8265	0.99062	0.32289
<code>cond_char_1.0</code>	-0.49067	1.9209	-0.25544	0.79861
<code>mean_PeakUpDownVel_mean</code>	-2.6576	8.233	-0.3228	0.74713
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-0.049814	10.525	-0.0047327	0.99623
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	-5.1492	9.7875	-0.5261	0.59931
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	2.5264	9.2198	0.27402	0.78431

Number of observations: 244, Error degrees of freedom: 236

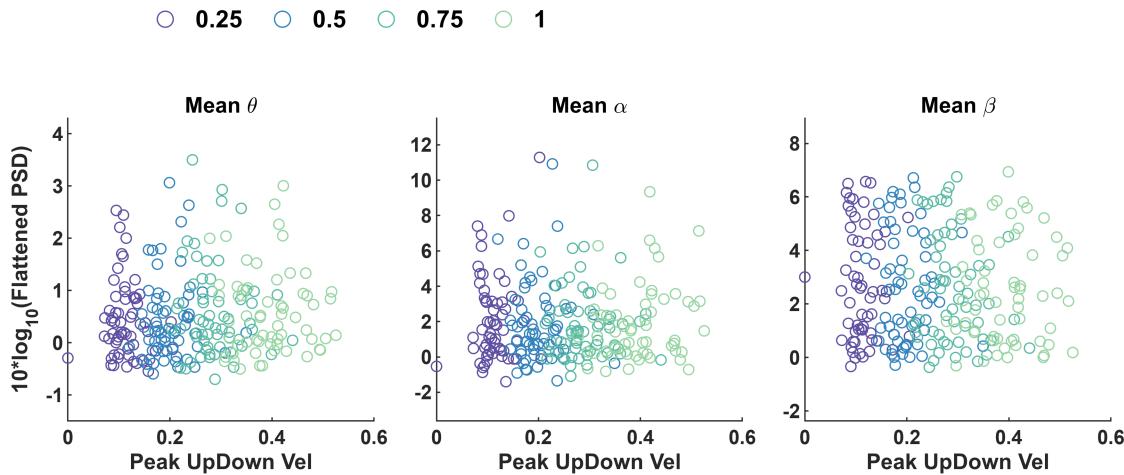
Root Mean Squared Error: 2.03

R-squared: 0.0121, Adjusted R-Squared: -0.0172

F-statistic vs. constant model: 0.413, p-value = 0.894

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.2876	3	1.7625	0.42939	0.73213
<code>mean_PeakUpDownVel_mean</code>	4.656	1	4.656	1.1343	0.28795
<code>cond_char:mean_PeakUpDownVel_mean</code>	5.3609	3	1.787	0.43534	0.72791
<code>Error</code>	968.73	236	4.1048		
<code>Total</code>	980.6	243			

CL9: Postcentral_R



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)	0.73092	0.31411	2.3269	0.020878
cond_char_0.5	-0.29102	0.52086	-0.55873	0.57691
cond_char_0.75	-0.16036	0.51998	-0.30839	0.75808
cond_char_1.0	0.11245	0.48799	0.23043	0.81797
mean_APexc_COV	-0.007353	0.012835	-0.57289	0.56731
cond_char_0.5:mean_APexc_COV	0.012016	0.023889	0.503	0.61547
cond_char_0.75:mean_APexc_COV	0.012721	0.024233	0.52497	0.60013
cond_char_1.0:mean_APexc_COV	0.0020892	0.023029	0.09072	0.9278

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 0.772

R-squared: 0.0149, Adjusted R-Squared: -0.0164

F-statistic vs. constant model: 0.476, p-value = 0.852

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.36823	3	0.12274	0.20577	0.89233
mean_APexc_COV	0.0029338	1	0.0029338	0.0049182	0.94415
cond_char:mean_APexc_COV	0.26053	3	0.086843	0.14559	0.93243
Error	131.23	220	0.5965		
Total	133.22	227			

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)	2.867	1.0613	2.7014	0.0074434
cond_char_0.5	-0.17996	1.7599	-0.10226	0.91864
cond_char_0.75	-0.15712	1.7569	-0.089431	0.92882
cond_char_1.0	-0.14174	1.6488	-0.085967	0.93157
mean_APexc_COV	-0.010702	0.043367	-0.24679	0.8053

cond_char_0.5:mean_APexc_COV	-0.0090347	0.080716	-0.11193	0.91098
cond_char_0.75:mean_APexc_COV	-0.010565	0.081877	-0.12904	0.89745
cond_char_1.0:mean_APexc_COV	-0.0093635	0.07781	-0.12034	0.90433

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 2.61

R-squared: 0.00428, Adjusted R-Squared: -0.0274

F-statistic vs. constant model: 0.135, p-value = 0.996

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.1012	3	0.033733	0.0049536	0.99952
mean_APexc_COV	2.2615	1	2.2615	0.33209	0.56502
cond_char:mean_APexc_COV	0.18827	3	0.062758	0.0092158	0.99878
Error	1498.2	220	6.8098		
Total	1504.6	227			

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)	1.468	0.56169	2.6136	0.0095787
cond_char_0.5	0.29738	0.93138	0.31928	0.74981
cond_char_0.75	-0.1134	0.92981	-0.12196	0.90304
cond_char_1.0	0.11434	0.87261	0.13103	0.89587
mean_APexc_COV	0.011691	0.022951	0.50937	0.611
cond_char_0.5:mean_APexc_COV	-0.019223	0.042718	-0.45	0.65315
cond_char_0.75:mean_APexc_COV	-0.00086743	0.043332	-0.020018	0.98405
cond_char_1.0:mean_APexc_COV	-0.012477	0.04118	-0.30298	0.76219

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 1.38

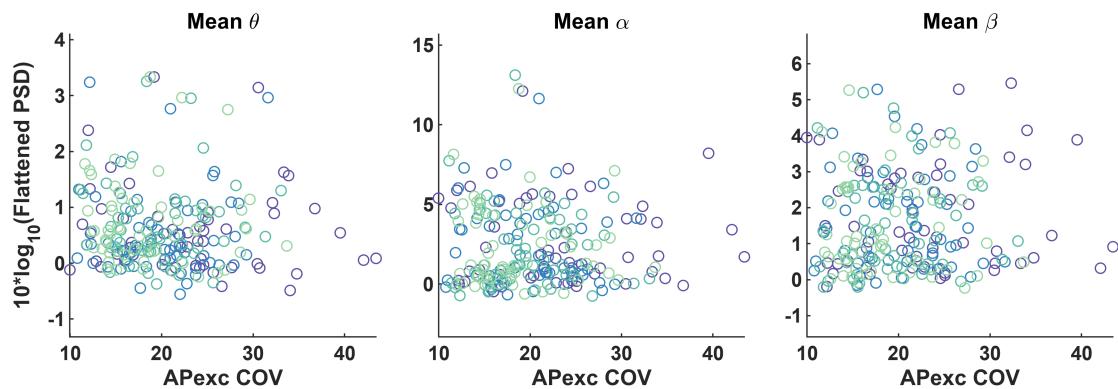
R-squared: 0.00443, Adjusted R-Squared: -0.0272

F-statistic vs. constant model: 0.14, p-value = 0.995

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.3331	3	0.11103	0.058213	0.98153
mean_APexc_COV	0.088466	1	0.088466	0.046381	0.82968
cond_char:mean_APexc_COV	0.49279	3	0.16426	0.086121	0.96758
Error	419.62	220	1.9074		
Total	421.49	227			

CL10: Precuneus_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



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)	0.74058	0.33011	2.2434	0.025864
cond_char_0.5	-0.41846	0.53778	-0.77812	0.43733
cond_char_0.75	-0.068237	0.59839	-0.11403	0.90931
cond_char_1.0	0.14499	0.61457	0.23593	0.81371
mean_APexc_mean	-2.8653	5.0017	-0.57286	0.56732
cond_char_0.5:mean_APexc_mean	7.1464	9.7429	0.7335	0.46404
cond_char_0.75:mean_APexc_mean	2.9399	12.784	0.22996	0.81834
cond_char_1.0:mean_APexc_mean	-0.93495	14.574	-0.064153	0.94891

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 0.772

R-squared: 0.0155, Adjusted R-Squared: -0.0158

F-statistic vs. constant model: 0.496, p-value = 0.837

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.52474	3	0.17491	0.29342	0.83013
mean_APexc_mean	0.0075589	1	0.0075589	0.01268	0.91045
cond_char:mean_APexc_mean	0.35031	3	0.11677	0.19588	0.89913
Error	131.15	220	0.59612		
Total	133.22	227			

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)	2.4996	1.1144	2.243	0.025895
cond_char_0.5	0.65691	1.8155	0.36185	0.71781
cond_char_0.75	0.88916	2.0201	0.44016	0.66025
cond_char_1.0	-0.4189	2.0747	-0.20191	0.84017
mean_APexc_mean	1.9093	16.885	0.11308	0.91007

<code>cond_char_0.5:mean_APexc_mean</code>	-19.439	32.89	-0.59104	0.5551
<code>cond_char_0.75:mean_APexc_mean</code>	-28.264	43.157	-0.65492	0.5132
<code>cond_char_1.0:mean_APexc_mean</code>	5.3009	49.198	0.10775	0.91429

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 2.61

R-squared: 0.00666, Adjusted R-Squared: -0.0249

F-statistic vs. constant model: 0.211, p-value = 0.983

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.8597	3	0.95323	0.14031	0.93577
<code>mean_APexc_mean</code>	1.7126	1	1.7126	0.25209	0.61611
<code>cond_char:mean_APexc_mean</code>	4.9142	3	1.6381	0.24112	0.86759
<code>Error</code>	1494.6	220	6.7935		
<code>Total</code>	1504.6	227			

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)	2.0875	0.58942	3.5417	0.00048533
<code>cond_char_0.5</code>	-0.11925	0.96023	-0.12419	0.90128
<code>cond_char_0.75</code>	-0.14262	1.0684	-0.13349	0.89393
<code>cond_char_1.0</code>	-1.0771	1.0973	-0.98156	0.32739
<code>mean_APexc_mean</code>	-5.5616	8.9307	-0.62275	0.53409
<code>cond_char_0.5:mean_APexc_mean</code>	-1.6103	17.396	-0.092566	0.92633
<code>cond_char_0.75:mean_APexc_mean</code>	-3.5623	22.827	-0.15606	0.87613
<code>cond_char_1.0:mean_APexc_mean</code>	20.569	26.022	0.79045	0.43012

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 1.38

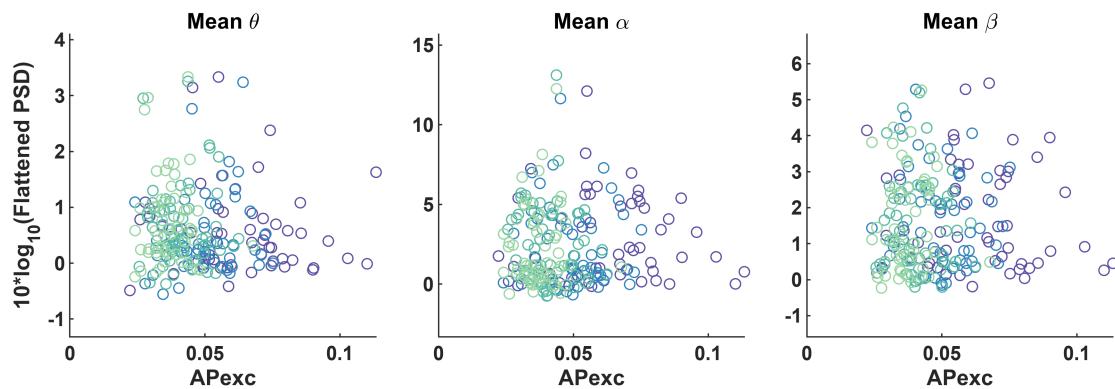
R-squared: 0.00801, Adjusted R-Squared: -0.0236

F-statistic vs. constant model: 0.254, p-value = 0.971

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.9399	3	0.64664	0.34024	0.79625
<code>mean_APexc_mean</code>	0.06649	1	0.06649	0.034985	0.8518
<code>cond_char:mean_APexc_mean</code>	1.3896	3	0.46319	0.24372	0.86575
<code>Error</code>	418.11	220	1.9005		
<code>Total</code>	421.49	227			

CL10: Precuneus_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)	0.70152	0.25376	2.7645	0.0061853
cond_char_0.5	-0.52064	0.38896	-1.3385	0.1821
cond_char_0.75	-0.06426	0.43717	-0.14699	0.88327
cond_char_1.0	0.11955	0.46905	0.25488	0.79905
mean_MLexc_COV	-0.011238	0.018555	-0.60563	0.54538
cond_char_0.5:mean_MLexc_COV	0.038888	0.028561	1.3616	0.17473
cond_char_0.75:mean_MLexc_COV	0.013829	0.029666	0.46615	0.64157
cond_char_1.0:mean_MLexc_COV	0.0067924	0.028872	0.23526	0.81423

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 0.77

R-squared: 0.0216, Adjusted R-Squared: -0.0095

F-statistic vs. constant model: 0.695, p-value = 0.676

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.4514	3	0.48379	0.81661	0.4859
mean_MLexc_COV	0.068212	1	0.068212	0.11514	0.73469
cond_char:mean_MLexc_COV	1.178	3	0.39267	0.6628	0.57574
Error	130.34	220	0.59243		
Total	133.22	227			

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)	3.1493	0.85802	3.6704	0.00030395
cond_char_0.5	-0.13317	1.3152	-0.10126	0.91944
cond_char_0.75	-0.1543	1.4782	-0.10439	0.91696
cond_char_1.0	-0.3702	1.5859	-0.23343	0.81565
mean_MLexc_COV	-0.042311	0.062738	-0.67441	0.50076

cond_char_0.5:mean_MLexc_COV	-0.014486	0.09657	-0.15	0.8809
cond_char_0.75:mean_MLexc_COV	-0.005233	0.10031	-0.052169	0.95844
cond_char_1.0:mean_MLexc_COV	0.017309	0.097622	0.17731	0.85943

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 2.6

R-squared: 0.00967, Adjusted R-Squared: -0.0218

F-statistic vs. constant model: 0.307, p-value = 0.95

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.3771	3	0.1257	0.018559	0.99655
mean_MLexc_COV	9.4828	1	9.4828	1.4001	0.23798
cond_char:mean_MLexc_COV	0.65499	3	0.21833	0.032235	0.99221
Error	1490	220	6.773		
Total	1504.6	227			

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)	1.8609	0.45329	4.1053	5.6923e-05
cond_char_0.5	0.34657	0.6948	0.49881	0.61841
cond_char_0.75	0.13985	0.78092	0.17908	0.85804
cond_char_1.0	-0.69138	0.83786	-0.82517	0.41017
mean_MLexc_COV	-0.0097708	0.033145	-0.29479	0.76843
cond_char_0.5:mean_MLexc_COV	-0.03675	0.051018	-0.72034	0.47208
cond_char_0.75:mean_MLexc_COV	-0.019729	0.052992	-0.3723	0.71003
cond_char_1.0:mean_MLexc_COV	0.032877	0.051574	0.63748	0.52447

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 1.37

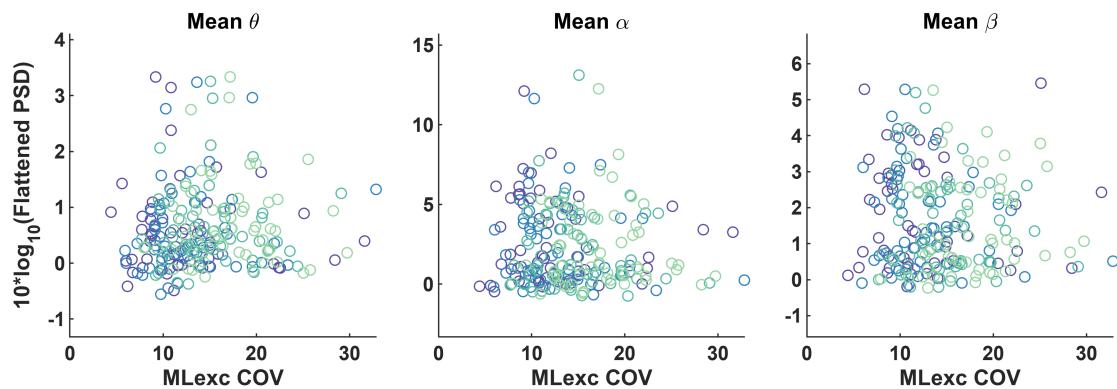
R-squared: 0.0133, Adjusted R-Squared: -0.0181

F-statistic vs. constant model: 0.424, p-value = 0.886

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.7241	3	0.90803	0.48035	0.69628
mean_MLexc_COV	1.2646	1	1.2646	0.66898	0.41429
cond_char:mean_MLexc_COV	3.2862	3	1.0954	0.57948	0.62907
Error	415.87	220	1.8903		
Total	421.49	227			

CL10: Precuneus_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL10) 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)	0.51493	0.36576	1.4078	0.16059
cond_char_0.5	0.38338	0.52396	0.73169	0.46513
cond_char_0.75	0.061731	0.55509	0.11121	0.91155
cond_char_1.0	0.68143	0.5708	1.1938	0.23383
mean_MLexc_mean	0.37202	2.8501	0.13053	0.89627
cond_char_0.5:mean_MLexc_mean	-4.1678	4.7124	-0.88443	0.37743
cond_char_0.75:mean_MLexc_mean	1.0087	6.3368	0.15918	0.87367
cond_char_1.0:mean_MLexc_mean	-8.3435	8.0406	-1.0377	0.30056

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 0.769

R-squared: 0.0224, Adjusted R-Squared: -0.00867

F-statistic vs. constant model: 0.721, p-value = 0.654

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.0441	3	0.34803	0.58794	0.62351
mean_MLexc_mean	0.53596	1	0.53596	0.90542	0.34238
cond_char:mean_MLexc_mean	1.0643	3	0.35478	0.59934	0.61607
Error	130.23	220	0.59195		
Total	133.22	227			

CL10) 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)	2.9162	1.2372	2.3572	0.019293
cond_char_0.5	0.56315	1.7723	0.31775	0.75098
cond_char_0.75	-0.44427	1.8776	-0.23662	0.81317
cond_char_1.0	0.47509	1.9307	0.24607	0.80586
mean_MLexc_mean	-2.4083	9.6403	-0.24981	0.80296

cond_char_0.5:mean_MLexc_mean	-9.9265	15.94	-0.62275	0.53409
cond_char_0.75:mean_MLexc_mean	-0.072928	21.434	-0.0034024	0.99729
cond_char_1.0:mean_MLexc_mean	-15.99	27.197	-0.58793	0.55718

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 2.6

R-squared: 0.00973, Adjusted R-Squared: -0.0218

F-statistic vs. constant model: 0.309, p-value = 0.95

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.342	3	0.78065	0.11527	0.9511
mean_MLexc_mean	6.7815	1	6.7815	1.0013	0.31809
cond_char:mean_MLexc_mean	4.4319	3	1.4773	0.21813	0.88376
Error	1490	220	6.7726		
Total	1504.6	227			

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)	2.1485	0.6556	3.2771	0.0012185
cond_char_0.5	-0.24766	0.93918	-0.2637	0.79226
cond_char_0.75	-0.50001	0.99498	-0.50254	0.61579
cond_char_1.0	-0.099709	1.0231	-0.097456	0.92245
mean_MLexc_mean	-3.3264	5.1086	-0.65114	0.51564
cond_char_0.5:mean_MLexc_mean	0.3538	8.4468	0.041885	0.96663
cond_char_0.75:mean_MLexc_mean	2.1743	11.358	0.19142	0.84837
cond_char_1.0:mean_MLexc_mean	-5.1627	14.412	-0.35821	0.72053

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 1.38

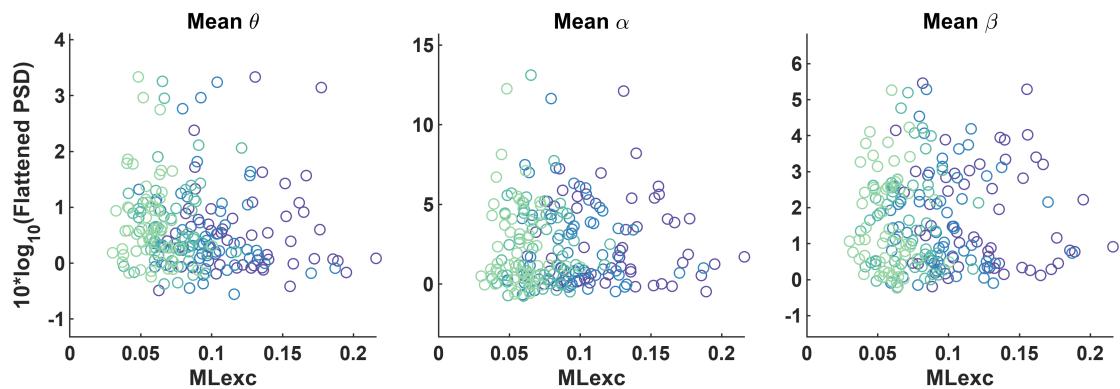
R-squared: 0.00731, Adjusted R-Squared: -0.0243

F-statistic vs. constant model: 0.231, p-value = 0.977

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.5231	3	0.17437	0.091682	0.96457
mean_MLexc_mean	1.3579	1	1.3579	0.71398	0.39904
cond_char:mean_MLexc_mean	0.37172	3	0.12391	0.06515	0.97826
Error	418.41	220	1.9019		
Total	421.49	227			

CL10: Precuneus_L

○ 0.25
 ○ 0.5
 ○ 0.75
 ○ 1



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)	0.4265	0.43692	0.97615	0.33006
cond_char_0.5	-0.26927	0.84843	-0.31737	0.75126
cond_char_0.75	-0.07948	1.0926	-0.072742	0.94208
cond_char_1.0	-0.062945	1.3485	-0.04668	0.96281
mean_StepDur	0.11647	0.36844	0.31612	0.75221
cond_char_0.5:mean_StepDur	0.34757	0.96227	0.3612	0.7183
cond_char_0.75:mean_StepDur	0.37798	1.5444	0.24473	0.80689
cond_char_1.0:mean_StepDur	0.53438	2.2036	0.2425	0.80862

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 0.772

R-squared: 0.0151, Adjusted R-Squared: -0.0162

F-statistic vs. constant model: 0.482, p-value = 0.847

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.060136	3	0.020045	0.033611	0.99171
mean_StepDur	0.22497	1	0.22497	0.37722	0.53973
cond_char:mean_StepDur	0.13174	3	0.043915	0.073635	0.97408
Error	131.2	220	0.59638		
Total	133.22	227			

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)	2.0395	1.4746	1.383	0.16805
cond_char_0.5	1.4065	2.8635	0.49117	0.62379
cond_char_0.75	1.2967	3.6877	0.35163	0.72546
cond_char_1.0	-2.3569	4.5511	-0.51787	0.60507
mean_StepDur	0.50297	1.2435	0.40449	0.68625

cond_char_0.5:mean_StepDur	-1.9269	3.2477	-0.5933	0.55359
cond_char_0.75:mean_StepDur	-2.0714	5.2125	-0.39738	0.69147
cond_char_1.0:mean_StepDur	4.0516	7.4372	0.54477	0.58646

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 2.61

R-squared: 0.0067, Adjusted R-Squared: -0.0249

F-statistic vs. constant model: 0.212, p-value = 0.982

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.8381	3	1.6127	0.2374	0.87022
mean_StepDur	0.32217	1	0.32217	0.047425	0.82781
cond_char:mean_StepDur	5.6121	3	1.8707	0.27537	0.84313
Error	1494.5	220	6.7933		
Total	1504.6	227			

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)	2.1531	0.78005	2.7601	0.0062648
cond_char_0.5	0.22789	1.5147	0.15045	0.88055
cond_char_0.75	0.60139	1.9507	0.30829	0.75815
cond_char_1.0	-1.0081	2.4074	-0.41874	0.67582
mean_StepDur	-0.35956	0.65778	-0.54662	0.58519
cond_char_0.5:mean_StepDur	-0.58626	1.718	-0.34125	0.73324
cond_char_0.75:mean_StepDur	-1.4296	2.7573	-0.51846	0.60466
cond_char_1.0:mean_StepDur	1.0816	3.9342	0.27492	0.78363

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 1.38

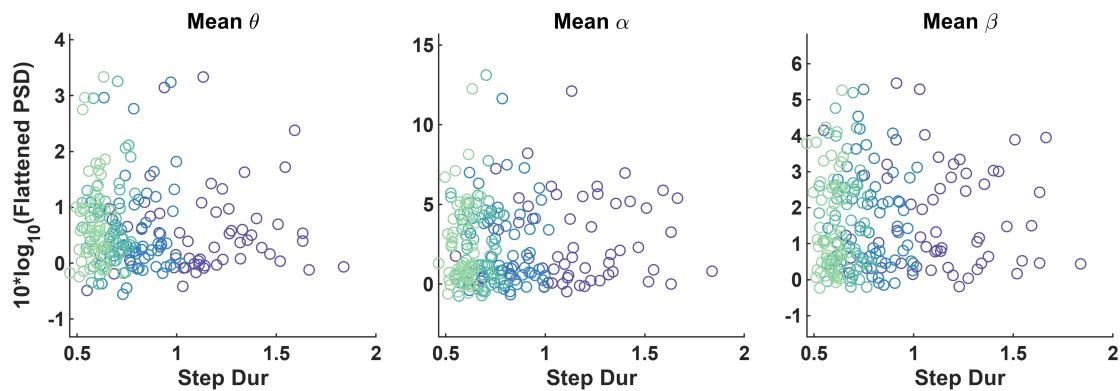
R-squared: 0.00779, Adjusted R-Squared: -0.0238

F-statistic vs. constant model: 0.247, p-value = 0.973

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.6345	3	0.2115	0.11126	0.95346
mean_StepDur	0.42516	1	0.42516	0.22366	0.63674
cond_char:mean_StepDur	0.86437	3	0.28812	0.15157	0.9286
Error	418.21	220	1.9009		
Total	421.49	227			

CL10: Precuneus_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL10) 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)	1.0658	0.46666	2.2839	0.02333
cond_char_0.5	-0.79485	0.70976	-1.1199	0.26398
cond_char_0.75	-0.51775	0.66868	-0.77429	0.43959
cond_char_1.0	-0.68684	0.67499	-1.0176	0.31
mean_UDexc_COV	-0.024359	0.021964	-1.109	0.26863
cond_char_0.5:mean_UDexc_COV	0.042842	0.043041	0.99536	0.32066
cond_char_0.75:mean_UDexc_COV	0.03659	0.050015	0.73158	0.4652
cond_char_1.0:mean_UDexc_COV	0.069384	0.06272	1.1063	0.26983

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 0.77

R-squared: 0.0221, Adjusted R-Squared: -0.00904

F-statistic vs. constant model: 0.709, p-value = 0.664

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.9418	3	0.31393	0.53014	0.66205
mean_UDexc_COV	0.21347	1	0.21347	0.36049	0.54885
cond_char:mean_UDexc_COV	1.2148	3	0.40493	0.68381	0.5628
Error	130.28	220	0.59217		
Total	133.22	227			

CL10) 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)	5.7015	1.5384	3.706	0.00026641
cond_char_0.5	-1.7167	2.3398	-0.73366	0.46394
cond_char_0.75	-1.6116	2.2044	-0.73106	0.46552
cond_char_1.0	0.69136	2.2252	0.31069	0.75633
mean_UDexc_COV	-0.14866	0.072409	-2.053	0.041257

<code>cond_char_0.5:mean_UDexc_COV</code>	0.029335	0.14189	0.20674	0.83641
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.02376	0.16488	-0.1441	0.88555
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.34956	0.20677	-1.6906	0.092326

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 2.54

R-squared: 0.059, Adjusted R-Squared: 0.029

F-statistic vs. constant model: 1.97, p-value = 0.0603

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	10.354	3	3.4514	0.53628	0.65789
<code>mean_UDexc_COV</code>	71.241	1	71.241	11.07	0.0010284
<code>cond_char:mean_UDexc_COV</code>	20.117	3	6.7057	1.042	0.37484
<code>Error</code>	1415.9	220	6.4357		
<code>Total</code>	1504.6	227			

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)	2.5523	0.81964	3.1139	0.0020918
<code>cond_char_0.5</code>	0.079838	1.2466	0.064045	0.94899
<code>cond_char_0.75</code>	0.14243	1.1745	0.12127	0.90359
<code>cond_char_1.0</code>	1.0633	1.1855	0.89686	0.37078
<code>mean_UDexc_COV</code>	-0.039248	0.038578	-1.0174	0.3101
<code>cond_char_0.5:mean_UDexc_COV</code>	-0.032478	0.075597	-0.42962	0.66789
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.069128	0.087845	-0.78693	0.43217
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.21302	0.11016	-1.9338	0.054423

Number of observations: 228, Error degrees of freedom: 220

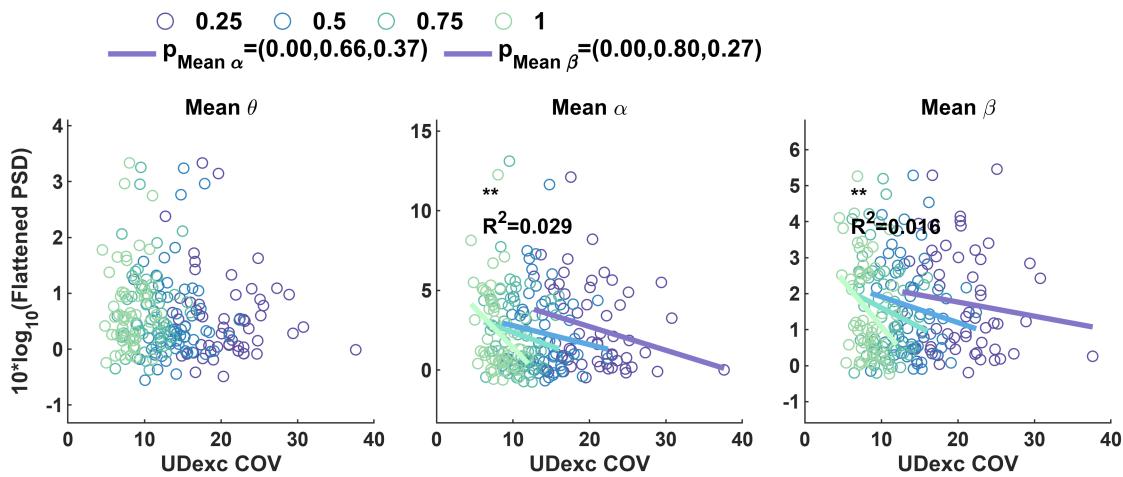
Root Mean Squared Error: 1.35

R-squared: 0.0465, Adjusted R-Squared: 0.0162

F-statistic vs. constant model: 1.53, p-value = 0.157

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.8547	3	0.61822	0.33843	0.79756
<code>mean_UDexc_COV</code>	17.986	1	17.986	9.8461	0.0019348
<code>cond_char:mean_UDexc_COV</code>	7.28	3	2.4267	1.3284	0.26598
<code>Error</code>	401.89	220	1.8268		
<code>Total</code>	421.49	227			

CL10: Precuneus_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)	0.6184	0.3409	1.814	0.071039
cond_char_0.5	0.055318	0.56984	0.097076	0.92275
cond_char_0.75	-0.13416	0.61924	-0.21665	0.82868
cond_char_1.0	0.01603	0.65913	0.02432	0.98062
mean_UDexc_mean	-3.8236	21.576	-0.17721	0.8595
cond_char_0.5:mean_UDexc_mean	-3.1917	30.958	-0.1031	0.91798
cond_char_0.75:mean_UDexc_mean	10.839	28.481	0.38056	0.7039
cond_char_1.0:mean_UDexc_mean	6.8854	26.528	0.25955	0.79545

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 0.773

R-squared: 0.014, Adjusted R-Squared: -0.0174

F-statistic vs. constant model: 0.445, p-value = 0.873

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.048437	3	0.016146	0.027041	0.99398
mean_UDexc_mean	0.00022474	1	0.00022474	0.0003764	0.98454
cond_char:mean_UDexc_mean	0.18081	3	0.06027	0.10094	0.95941
Error	131.36	220	0.59708		
Total	133.22	227			

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)	2.2726	1.1433	1.9877	0.048083
cond_char_0.5	0.56582	1.9112	0.29606	0.76746
cond_char_0.75	-0.94412	2.0768	-0.4546	0.64985
cond_char_1.0	-3.0654	2.2106	-1.3867	0.16695
mean_UDexc_mean	23.006	72.363	0.31792	0.75084

<code>cond_char_0.5:mean_UDexc_mean</code>	-50.239	103.83	-0.48387	0.62896
<code>cond_char_0.75:mean_UDexc_mean</code>	12.432	95.521	0.13015	0.89656
<code>cond_char_1.0:mean_UDexc_mean</code>	64.382	88.971	0.72363	0.47006

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 2.59

R-squared: 0.018, Adjusted R-Squared: -0.0133

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

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	17.323	3	5.7744	0.85977	0.46275
<code>mean_UDexc_mean</code>	5.4455	1	5.4455	0.81081	0.36886
<code>cond_char:mean_UDexc_mean</code>	11.503	3	3.8342	0.5709	0.63473
<code>Error</code>	1477.6	220	6.7161		
<code>Total</code>	1504.6	227			

CL10) 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)	2.4223	0.6043	4.0085	8.3691e-05
<code>cond_char_0.5</code>	-0.13859	1.0101	-0.1372	0.891
<code>cond_char_0.75</code>	-0.82989	1.0977	-0.75603	0.45044
<code>cond_char_1.0</code>	-2.2188	1.1684	-1.899	0.058871
<code>mean_UDexc_mean</code>	-45.372	38.247	-1.1863	0.23679
<code>cond_char_0.5:mean_UDexc_mean</code>	12.001	54.877	0.21869	0.82709
<code>cond_char_0.75:mean_UDexc_mean</code>	44.404	50.487	0.87951	0.38008
<code>cond_char_1.0:mean_UDexc_mean</code>	83.321	47.025	1.7719	0.077802

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 1.37

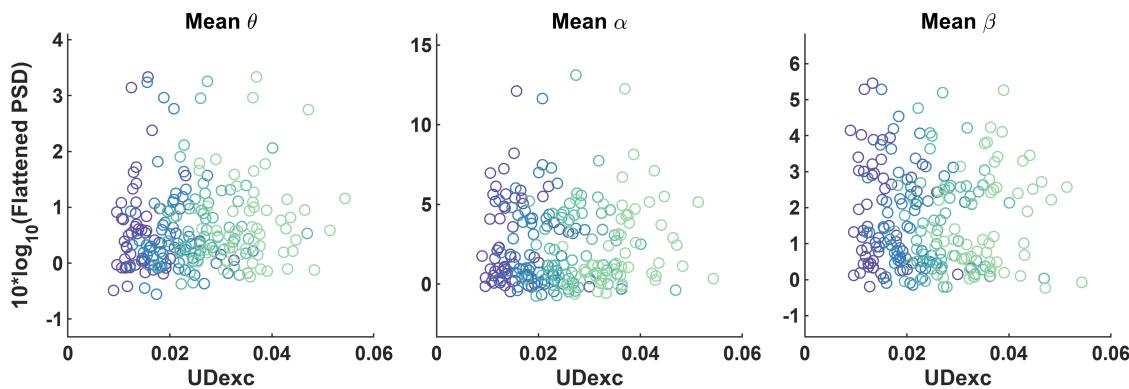
R-squared: 0.0207, Adjusted R-Squared: -0.0105

F-statistic vs. constant model: 0.664, p-value = 0.702

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	7.4341	3	2.478	1.3208	0.26847
<code>mean_UDexc_mean</code>	0.67515	1	0.67515	0.35985	0.54921
<code>cond_char:mean_UDexc_mean</code>	7.597	3	2.5323	1.3497	0.25916
<code>Error</code>	412.76	220	1.8762		
<code>Total</code>	421.49	227			

CL10: Precuneus_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)	0.45506	0.42063	1.0819	0.28049
cond_char_0.5	-0.36287	0.83887	-0.43257	0.66575
cond_char_0.75	-0.32943	1.1272	-0.29224	0.77038
cond_char_1.0	-0.032597	1.4144	-0.023047	0.98163
mean_StanceDur	0.062216	0.24013	0.2591	0.7958
cond_char_0.5:mean_StanceDur	0.34438	0.7048	0.48862	0.6256
cond_char_0.75:mean_StanceDur	0.58218	1.2433	0.46826	0.64006
cond_char_1.0:mean_StanceDur	0.37576	1.8471	0.20344	0.83898

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 0.772

R-squared: 0.016, Adjusted R-Squared: -0.0153

F-statistic vs. constant model: 0.512, p-value = 0.825

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.14124	3	0.04708	0.079018	0.97133
mean_StanceDur	0.26853	1	0.26853	0.45069	0.50271
cond_char:mean_StanceDur	0.27374	3	0.091248	0.15315	0.92759
Error	131.08	220	0.59582		
Total	133.22	227			

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)	2.287	1.4202	1.6104	0.10874
cond_char_0.5	1.1636	2.8323	0.41082	0.68161
cond_char_0.75	1.2011	3.8059	0.31558	0.75262
cond_char_1.0	-3.1907	4.7754	-0.66815	0.50474
mean_StanceDur	0.19558	0.81074	0.24124	0.8096

<code>cond_char_0.5:mean_StanceDur</code>	-1.2635	2.3796	-0.53096	0.59598
<code>cond_char_0.75:mean_StanceDur</code>	-1.5947	4.1978	-0.37989	0.7044
<code>cond_char_1.0:mean_StanceDur</code>	4.2275	6.2363	0.67788	0.49856

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 2.61

R-squared: 0.00689, Adjusted R-Squared: -0.0247

F-statistic vs. constant model: 0.218, p-value = 0.981

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.4832	3	1.8277	0.2691	0.84764
<code>mean_StanceDur</code>	0.51665	1	0.51665	0.076067	0.78296
<code>cond_char:mean_StanceDur</code>	6.1499	3	2.05	0.30182	0.82406
<code>Error</code>	1494.2	220	6.792		
<code>Total</code>	1504.6	227			

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)	2.2857	0.74953	3.0496	0.0025729
<code>cond_char_0.5</code>	0.31216	1.4948	0.20883	0.83478
<code>cond_char_0.75</code>	1.1643	2.0087	0.57964	0.56275
<code>cond_char_1.0</code>	-0.66279	2.5204	-0.26297	0.79282
<code>mean_StanceDur</code>	-0.32206	0.42789	-0.75267	0.45246
<code>cond_char_0.5:mean_StanceDur</code>	-0.58451	1.2559	-0.4654	0.64211
<code>cond_char_0.75:mean_StanceDur</code>	-1.8861	2.2155	-0.85132	0.39552
<code>cond_char_1.0:mean_StanceDur</code>	0.24673	3.2914	0.074963	0.94031

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 1.38

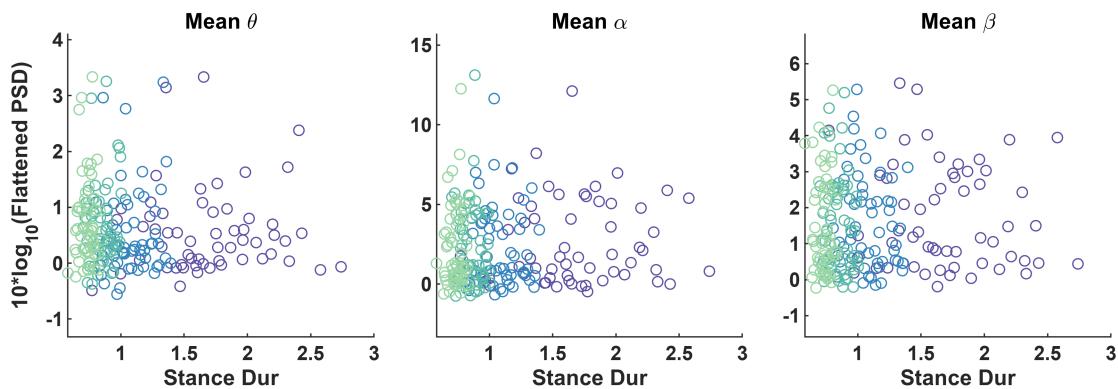
R-squared: 0.0125, Adjusted R-Squared: -0.0189

F-statistic vs. constant model: 0.397, p-value = 0.903

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.8816	3	0.29387	0.15533	0.92618
<code>mean_StanceDur</code>	1.3766	1	1.3766	0.7276	0.39459
<code>cond_char:mean_StanceDur</code>	1.7142	3	0.5714	0.30202	0.82392
<code>Error</code>	416.22	220	1.8919		
<code>Total</code>	421.49	227			

CL10: Precuneus_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



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)	0.42285	0.43698	0.96766	0.33428
cond_char_0.5	-0.26152	0.84789	-0.30843	0.75804
cond_char_0.75	-0.084881	1.0957	-0.077469	0.93832
cond_char_1.0	-0.054362	1.3438	-0.040454	0.96777
mean_GaitCycleDur	0.05978	0.18413	0.32466	0.74575
cond_char_0.5:mean_GaitCycleDur	0.16962	0.48056	0.35296	0.72445
cond_char_0.75:mean_GaitCycleDur	0.19423	0.77455	0.25077	0.80223
cond_char_1.0:mean_GaitCycleDur	0.26137	1.0974	0.23817	0.81197

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 0.772

R-squared: 0.0151, Adjusted R-Squared: -0.0162

F-statistic vs. constant model: 0.483, p-value = 0.847

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.056956	3	0.018985	0.031835	0.99235
mean_GaitCycleDur	0.22647	1	0.22647	0.37974	0.53838
cond_char:mean_GaitCycleDur	0.12897	3	0.04299	0.072087	0.97486
Error	131.2	220	0.59637		
Total	133.22	227			

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)	2.0353	1.4749	1.38	0.16899
cond_char_0.5	1.3976	2.8618	0.48838	0.62577
cond_char_0.75	1.249	3.6982	0.33774	0.73588
cond_char_1.0	-2.3188	4.5356	-0.51125	0.60969
mean_GaitCycleDur	0.25312	0.62148	0.40728	0.6842

cond_char_0.5:mean_GaitCycleDur	-0.95681	1.622	-0.58989	0.55587
cond_char_0.75:mean_GaitCycleDur	-0.99826	2.6143	-0.38185	0.70294
cond_char_1.0:mean_GaitCycleDur	1.9948	3.704	0.53855	0.59074

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 2.61

R-squared: 0.00661, Adjusted R-Squared: -0.025

F-statistic vs. constant model: 0.209, p-value = 0.983

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	4.7048	3	1.5683	0.23084	0.87485
mean_GaitCycleDur	0.33558	1	0.33558	0.049395	0.82433
cond_char:mean_GaitCycleDur	5.461	3	1.8203	0.26794	0.84847
Error	1494.7	220	6.7939		
Total	1504.6	227			

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)	2.1566	0.78021	2.7641	0.006191
cond_char_0.5	0.2178	1.5139	0.14387	0.88573
cond_char_0.75	0.58254	1.9563	0.29778	0.76615
cond_char_1.0	-0.95962	2.3993	-0.39996	0.68957
mean_GaitCycleDur	-0.18121	0.32876	-0.5512	0.58206
cond_char_0.5:mean_GaitCycleDur	-0.28749	0.85802	-0.33507	0.73789
cond_char_0.75:mean_GaitCycleDur	-0.70176	1.3829	-0.50745	0.61235
cond_char_1.0:mean_GaitCycleDur	0.49773	1.9594	0.25403	0.79971

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 1.38

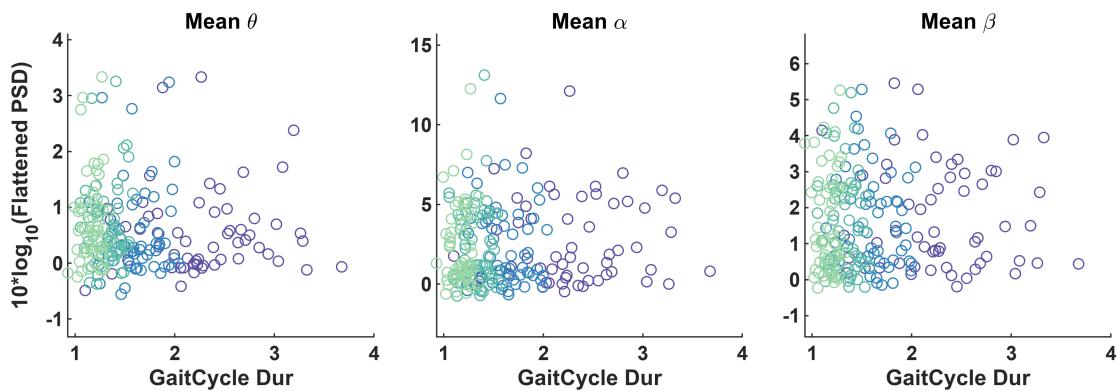
R-squared: 0.00768, Adjusted R-Squared: -0.0239

F-statistic vs. constant model: 0.243, p-value = 0.974

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.58348	3	0.19449	0.1023	0.95863
mean_GaitCycleDur	0.44851	1	0.44851	0.23592	0.62765
cond_char:mean_GaitCycleDur	0.81238	3	0.27079	0.14244	0.93443
Error	418.25	220	1.9011		
Total	421.49	227			

CL10: Precuneus_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL10) 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)	0.71639	0.36354	1.9706	0.050022
cond_char_0.5	-0.045002	0.61978	-0.072609	0.94218
cond_char_0.75	-0.38803	0.66391	-0.58446	0.55951
cond_char_1.0	-0.014282	0.66713	-0.021408	0.98294
mean_PeakUpDownVel_mean	-1.3195	2.958	-0.44607	0.65598
cond_char_0.5:mean_PeakUpDownVel_mean	0.62653	3.849	0.16278	0.87084
cond_char_0.75:mean_PeakUpDownVel_mean	2.5096	3.5008	0.71686	0.47422
cond_char_1.0:mean_PeakUpDownVel_mean	1.4234	3.251	0.43784	0.66193

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 0.772

R-squared: 0.0156, Adjusted R-Squared: -0.0157

F-statistic vs. constant model: 0.499, p-value = 0.835

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.22318	3	0.074394	0.12481	0.94537
mean_PeakUpDownVel_mean	0.015279	1	0.015279	0.025633	0.87295
cond_char:mean_PeakUpDownVel_mean	0.40091	3	0.13364	0.2242	0.87952
Error	131.13	220	0.59607		
Total	133.22	227			

CL10) 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)	3.1315	1.2232	2.56	0.011138
cond_char_0.5	0.2303	2.0855	0.11043	0.91217
cond_char_0.75	-1.2184	2.2339	-0.54541	0.58603
cond_char_1.0	-3.1794	2.2448	-1.4163	0.15809
mean_PeakUpDownVel_mean	-4.3426	9.9534	-0.43629	0.66305

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-1.0154	12.951	-0.078401	0.93758
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	5.65	11.78	0.47964	0.63196
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	10.219	10.939	0.9342	0.35122

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 2.6

R-squared: 0.0132, Adjusted R-Squared: -0.0182

F-statistic vs. constant model: 0.421, p-value = 0.889

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	16.474	3	5.4914	0.81369	0.4875
<code>mean_PeakUpDownVel_mean</code>	0.18739	1	0.18739	0.027767	0.86781
<code>cond_char:mean_PeakUpDownVel_mean</code>	13.068	3	4.3559	0.64544	0.58659
<code>Error</code>	1484.7	220	6.7488		
<code>Total</code>	1504.6	227			

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)	2.2128	0.64668	3.4217	0.00074176
<code>cond_char_0.5</code>	0.083184	1.1025	0.07545	0.93993
<code>cond_char_0.75</code>	-0.38014	1.181	-0.32188	0.74785
<code>cond_char_1.0</code>	-1.8846	1.1867	-1.588	0.11371
<code>mean_PeakUpDownVel_mean</code>	-4.0212	5.2619	-0.76422	0.44556
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	0.60817	6.8467	0.088827	0.9293
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	3.1072	6.2273	0.49896	0.6183
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	7.0609	5.7831	1.221	0.22341

Number of observations: 228, Error degrees of freedom: 220

Root Mean Squared Error: 1.37

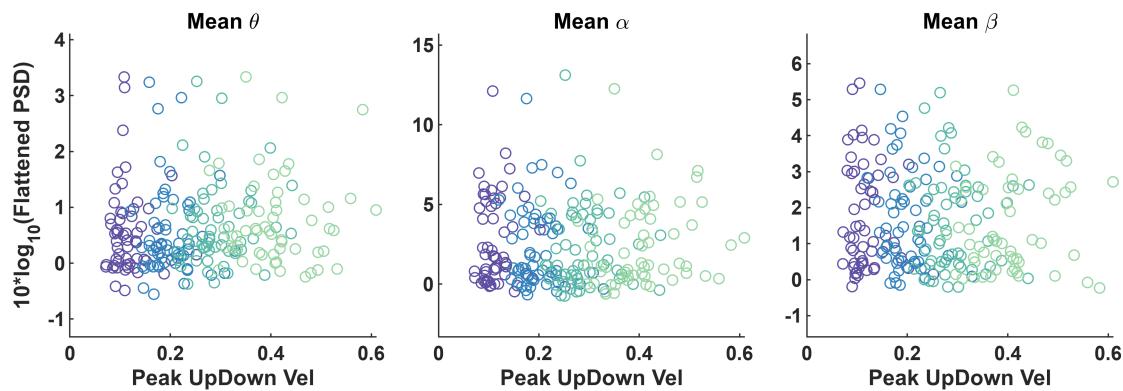
R-squared: 0.0155, Adjusted R-Squared: -0.0158

F-statistic vs. constant model: 0.495, p-value = 0.837

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.4707	3	1.8236	0.96683	0.40921
<code>mean_PeakUpDownVel_mean</code>	0.83411	1	0.83411	0.44224	0.50674
<code>cond_char:mean_PeakUpDownVel_mean</code>	5.3354	3	1.7785	0.94292	0.42069
<code>Error</code>	414.95	220	1.8861		
<code>Total</code>	421.49	227			

CL10: Precuneus_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)	0.34344	0.20453	1.6792	0.094402
cond_char_0.5	0.21457	0.32523	0.65973	0.51005
cond_char_0.75	-0.11921	0.3419	-0.34867	0.72764
cond_char_1.0	-0.046921	0.30839	-0.15215	0.8792
mean_APexc_COV	-5.7576e-05	0.0087321	-0.0065936	0.99474
cond_char_0.5:mean_APexc_COV	-0.010383	0.015101	-0.68759	0.49236
cond_char_0.75:mean_APexc_COV	0.013411	0.016423	0.8166	0.41495
cond_char_1.0:mean_APexc_COV	0.0096242	0.014805	0.65006	0.51626

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.553

R-squared: 0.0228, Adjusted R-Squared: -0.00525

F-statistic vs. constant model: 0.813, p-value = 0.577

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.28785	3	0.095952	0.31323	0.81582
mean_APexc_COV	0.083743	1	0.083743	0.27337	0.60155
cond_char:mean_APexc_COV	0.65612	3	0.21871	0.71395	0.54449
Error	74.745	244	0.30633		
Total	76.488	251			

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)	4.0576	0.87747	4.6242	6.1024e-06
cond_char_0.5	0.30444	1.3953	0.21819	0.82746
cond_char_0.75	0.09287	1.4668	0.063315	0.94957
cond_char_1.0	-0.74469	1.323	-0.56287	0.57404
mean_APexc_COV	-0.050159	0.037462	-1.3389	0.18184

cond_char_0.5:mean_APexc_COV	-0.037388	0.064784	-0.57712	0.56439
cond_char_0.75:mean_APexc_COV	-0.028635	0.070455	-0.40643	0.68478
cond_char_1.0:mean_APexc_COV	0.015197	0.063516	0.23926	0.81111

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.37

R-squared: 0.0299, Adjusted R-Squared: 0.00205

F-statistic vs. constant model: 1.07, p-value = 0.381

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.396	3	1.132	0.20077	0.89579
mean_APexc_COV	34.319	1	34.319	6.087	0.014305
cond_char:mean_APexc_COV	3.8171	3	1.2724	0.22567	0.87849
Error	1375.7	244	5.6381		
Total	1418.1	251			

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
(Intercept)	2.1061	0.45852	4.5932	6.998e-06
cond_char_0.5	-0.09067	0.72911	-0.12436	0.90113
cond_char_0.75	-0.032872	0.76646	-0.042888	0.96583
cond_char_1.0	-0.15833	0.69134	-0.22902	0.81904
mean_APexc_COV	-0.025156	0.019576	-1.285	0.19999
cond_char_0.5:mean_APexc_COV	0.00059513	0.033852	0.01758	0.98599
cond_char_0.75:mean_APexc_COV	-0.0045627	0.036816	-0.12393	0.90147
cond_char_1.0:mean_APexc_COV	-0.00087805	0.03319	-0.026455	0.97892

Number of observations: 252, Error degrees of freedom: 244

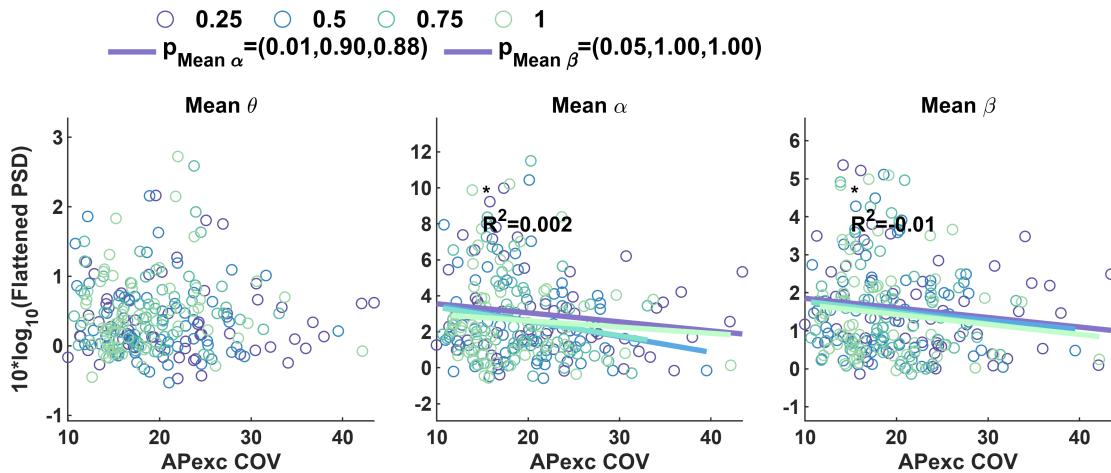
Root Mean Squared Error: 1.24

R-squared: 0.0179, Adjusted R-Squared: -0.0103

F-statistic vs. constant model: 0.636, p-value = 0.726

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.088277	3	0.029426	0.019114	0.9964
mean_APexc_COV	6.0371	1	6.0371	3.9214	0.048797
cond_char:mean_APexc_COV	0.028931	3	0.0096437	0.0062641	0.99932
Error	375.64	244	1.5395		
Total	382.5	251			

CL11: Calcarine_L



CL11) 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)	0.40052	0.22267	1.7987	0.073299
cond_char_0.5	-0.19151	0.34651	-0.55268	0.58099
cond_char_0.75	0.19217	0.39178	0.49051	0.62421
cond_char_1.0	0.31012	0.41561	0.74617	0.45628
mean_APexc_mean	-0.92224	3.3418	-0.27597	0.78281
cond_char_0.5:mean_APexc_mean	3.7631	6.0872	0.6182	0.53702
cond_char_0.75:mean_APexc_mean	-1.7641	8.1281	-0.21703	0.82836
cond_char_1.0:mean_APexc_mean	-5.4196	9.7517	-0.55576	0.57888

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.555

R-squared: 0.0177, Adjusted R-Squared: -0.0105

F-statistic vs. constant model: 0.627, p-value = 0.733

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.49403	3	0.16468	0.53477	0.65886
mean_APexc_mean	0.088497	1	0.088497	0.28739	0.59239
cond_char:mean_APexc_mean	0.28907	3	0.096358	0.31291	0.81604
Error	75.136	244	0.30794		
Total	76.488	251			

CL11) 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)	3.6124	0.96468	3.7446	0.00022541
cond_char_0.5	-0.8744	1.5012	-0.58245	0.5608
cond_char_0.75	-0.82409	1.6973	-0.48552	0.62774
cond_char_1.0	-1.3033	1.8006	-0.72383	0.46986
mean_APexc_mean	-10.422	14.478	-0.71984	0.47231

<code>cond_char_0.5:mean_APexc_mean</code>	8.3713	26.372	0.31743	0.75119
<code>cond_char_0.75:mean_APexc_mean</code>	7.1534	35.214	0.20314	0.8392
<code>cond_char_1.0:mean_APexc_mean</code>	20.024	42.248	0.47396	0.63595

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.4

R-squared: 0.00549, Adjusted R-Squared: -0.023

F-statistic vs. constant model: 0.192, p-value = 0.987

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.9498	3	1.3166	0.22779	0.877
<code>mean_APexc_mean</code>	0.06599	1	0.06599	0.011417	0.91499
<code>cond_char:mean_APexc_mean</code>	1.6596	3	0.55319	0.09571	0.96235
<code>Error</code>	1410.3	244	5.7799		
<code>Total</code>	1418.1	251			

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)	1.9066	0.50122	3.8039	0.00018011
<code>cond_char_0.5</code>	-0.55418	0.78	-0.71048	0.47808
<code>cond_char_0.75</code>	-0.76819	0.88189	-0.87108	0.38457
<code>cond_char_1.0</code>	-0.63212	0.93555	-0.67566	0.49989
<code>mean_APexc_mean</code>	-5.6027	7.5225	-0.74479	0.45711
<code>cond_char_0.5:mean_APexc_mean</code>	9.1471	13.702	0.66756	0.50505
<code>cond_char_0.75:mean_APexc_mean</code>	14.284	18.296	0.78071	0.43573
<code>cond_char_1.0:mean_APexc_mean</code>	10.776	21.951	0.49091	0.62393

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 1.25

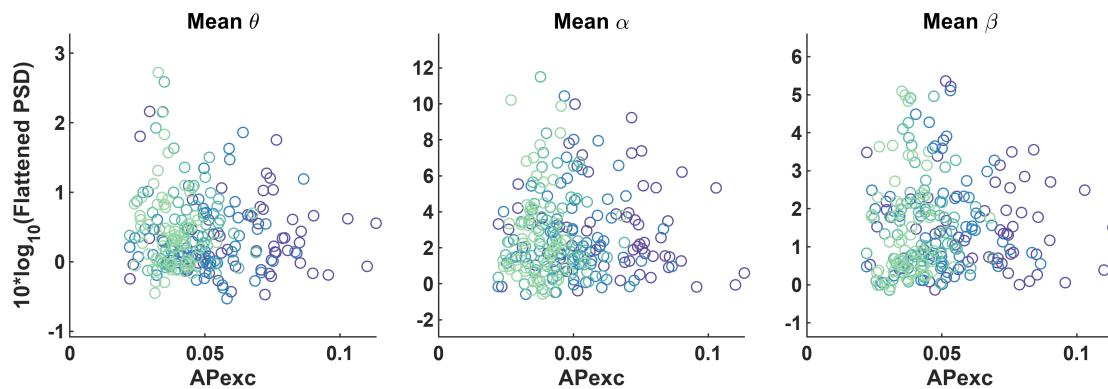
R-squared: 0.00465, Adjusted R-Squared: -0.0239

F-statistic vs. constant model: 0.163, p-value = 0.992

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.6328	3	0.54428	0.34883	0.79003
<code>mean_APexc_mean</code>	0.24364	1	0.24364	0.15615	0.69307
<code>cond_char:mean_APexc_mean</code>	1.495	3	0.49835	0.31939	0.81135
<code>Error</code>	380.72	244	1.5603		
<code>Total</code>	382.5	251			

CL11: Calcarine_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL11) 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)	0.37446	0.18734	1.9989	0.046732
cond_char_0.5	-0.13079	0.28409	-0.46039	0.64564
cond_char_0.75	0.090628	0.30371	0.2984	0.76565
cond_char_1.0	-0.085354	0.32175	-0.26528	0.79101
mean_MLexc_COV	-0.00259	0.013941	-0.18579	0.85276
cond_char_0.5:mean_MLexc_COV	0.010846	0.020755	0.52257	0.60175
cond_char_0.75:mean_MLexc_COV	0.0034882	0.020624	0.16913	0.86583
cond_char_1.0:mean_MLexc_COV	0.013177	0.020148	0.65404	0.5137

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.555

R-squared: 0.0171, Adjusted R-Squared: -0.0111

F-statistic vs. constant model: 0.606, p-value = 0.75

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.16877	3	0.056258	0.18259	0.90817
mean_MLexc_COV	0.10378	1	0.10378	0.33682	0.56221
cond_char:mean_MLexc_COV	0.16842	3	0.056141	0.18221	0.90842
Error	75.18	244	0.30811		
Total	76.488	251			

CL11) 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)	4.4302	0.797	5.5586	7.1134e-08
cond_char_0.5	-0.35962	1.2086	-0.29755	0.7663
cond_char_0.75	-0.35572	1.2921	-0.27531	0.78331
cond_char_1.0	-0.95102	1.3688	-0.69477	0.48786
mean_MLexc_COV	-0.11848	0.059308	-1.9977	0.046854

cond_char_0.5:mean_MLexc_COV	0.00908	0.088298	0.10283	0.91818
cond_char_0.75:mean_MLexc_COV	0.023735	0.087742	0.27051	0.787
cond_char_1.0:mean_MLexc_COV	0.071757	0.085717	0.83714	0.40333

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.36

R-squared: 0.0404, Adjusted R-Squared: 0.0129

F-statistic vs. constant model: 1.47, p-value = 0.179

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.7	3	0.89999	0.16138	0.92225
mean_MLexc_COV	48.13	1	48.13	8.6304	0.0036225
cond_char:mean_MLexc_COV	4.5003	3	1.5001	0.26899	0.84772
Error	1360.7	244	5.5767		
Total	1418.1	251			

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)	2.1356	0.41822	5.1064	6.6169e-07
cond_char_0.5	-0.060937	0.63422	-0.096081	0.92354
cond_char_0.75	-0.14146	0.67802	-0.20864	0.83491
cond_char_1.0	-0.3596	0.71828	-0.50064	0.61708
mean_MLexc_COV	-0.0468	0.031122	-1.5038	0.13393
cond_char_0.5:mean_MLexc_COV	0.0053627	0.046334	0.11574	0.90795
cond_char_0.75:mean_MLexc_COV	0.014416	0.046042	0.3131	0.75447
cond_char_1.0:mean_MLexc_COV	0.029063	0.044979	0.64615	0.51879

Number of observations: 252, Error degrees of freedom: 244

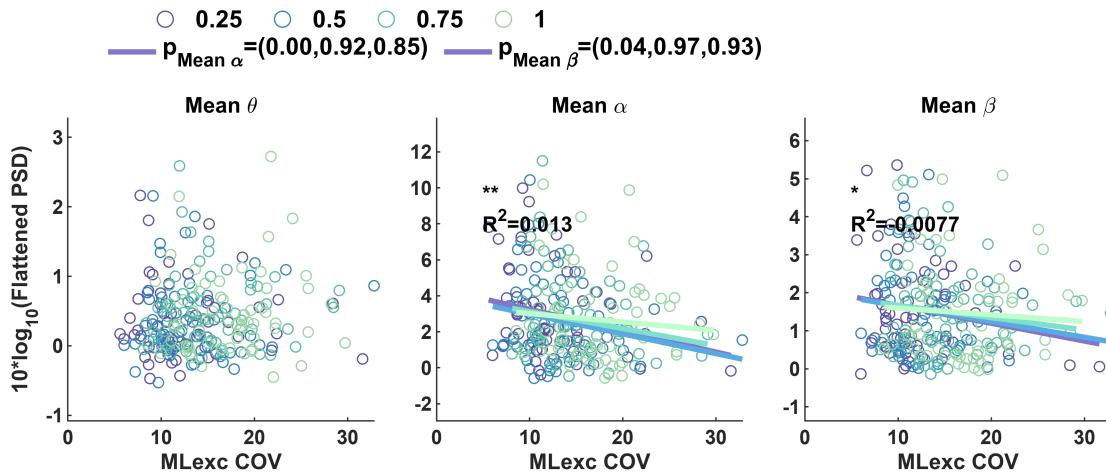
Root Mean Squared Error: 1.24

R-squared: 0.0204, Adjusted R-Squared: -0.00769

F-statistic vs. constant model: 0.726, p-value = 0.65

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.40836	3	0.13612	0.088643	0.96623
mean_MLexc_COV	6.7533	1	6.7533	4.3978	0.037014
cond_char:mean_MLexc_COV	0.71744	3	0.23915	0.15573	0.92593
Error	374.69	244	1.5356		
Total	382.5	251			

CL11: Calcarine_L



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)	0.079776	0.25377	0.31437	0.75351
cond_char_0.5	-0.012404	0.37326	-0.033232	0.97352
cond_char_0.75	0.13387	0.39674	0.33741	0.7361
cond_char_1.0	0.64077	0.40044	1.6002	0.11085
mean_MLexc_mean	2.2433	2.0865	1.0752	0.28337
cond_char_0.5:mean_MLexc_mean	0.86217	3.5633	0.24196	0.80901
cond_char_0.75:mean_MLexc_mean	1.6057	4.7919	0.33509	0.73785
cond_char_1.0:mean_MLexc_mean	-6.762	5.8829	-1.1494	0.2515

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.552

R-squared: 0.0287, Adjusted R-Squared: 0.000846

F-statistic vs. constant model: 1.03, p-value = 0.41

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.97749	3	0.32583	1.0701	0.36238
mean_MLexc_mean	0.1083	1	0.1083	0.35568	0.55147
cond_char:mean_MLexc_mean	0.52867	3	0.17622	0.57878	0.62946
Error	74.292	244	0.30448		
Total	76.488	251			

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)	3.7619	1.1037	3.4086	0.00076386
cond_char_0.5	-0.66867	1.6234	-0.41191	0.68077
cond_char_0.75	-0.4993	1.7255	-0.28937	0.77254
cond_char_1.0	-0.15018	1.7415	-0.086234	0.93135
mean_MLexc_mean	-6.9145	9.0746	-0.76196	0.44682

<code>cond_char_0.5:mean_MLexc_mean</code>	1.913	15.497	0.12344	0.90186
<code>cond_char_0.75:mean_MLexc_mean</code>	-1.9916	20.84	-0.095564	0.92395
<code>cond_char_1.0:mean_MLexc_mean</code>	-10.253	25.585	-0.40075	0.68895

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.4

R-squared: 0.00907, Adjusted R-Squared: -0.0194

F-statistic vs. constant model: 0.319, p-value = 0.945

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.1748	3	0.39159	0.067996	0.97689
<code>mean_MLexc_mean</code>	7.1382	1	7.1382	1.2395	0.26667
<code>cond_char:mean_MLexc_mean</code>	1.2237	3	0.40791	0.070829	0.97549
<code>Error</code>	1405.2	244	5.7591		
<code>Total</code>	1418.1	251			

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)	2.3171	0.57215	4.0499	6.8867e-05
<code>cond_char_0.5</code>	-0.57303	0.84156	-0.68091	0.49658
<code>cond_char_0.75</code>	-0.44632	0.89451	-0.49895	0.61826
<code>cond_char_1.0</code>	-0.31338	0.90284	-0.34711	0.72881
<code>mean_MLexc_mean</code>	-6.5401	4.7044	-1.3902	0.16573
<code>cond_char_0.5:mean_MLexc_mean</code>	4.2133	8.0338	0.52445	0.60044
<code>cond_char_0.75:mean_MLexc_mean</code>	1.2563	10.804	0.11629	0.90752
<code>cond_char_1.0:mean_MLexc_mean</code>	-3.21	13.264	-0.24201	0.80897

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 1.24

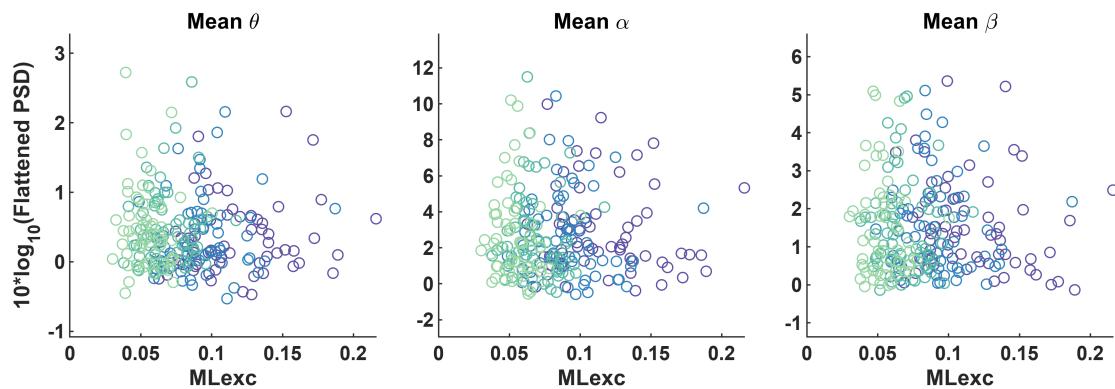
R-squared: 0.0127, Adjusted R-Squared: -0.0157

F-statistic vs. constant model: 0.447, p-value = 0.872

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.79614	3	0.26538	0.17146	0.91561
<code>mean_MLexc_mean</code>	2.8253	1	2.8253	1.8255	0.17792
<code>cond_char:mean_MLexc_mean</code>	0.62556	3	0.20852	0.13473	0.93928
<code>Error</code>	377.65	244	1.5477		
<code>Total</code>	382.5	251			

CL11: Calcarine_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



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)	0.38347	0.30035	1.2767	0.20291
cond_char_0.5	-0.4182	0.55832	-0.74903	0.45456
cond_char_0.75	0.213	0.72861	0.29233	0.77028
cond_char_1.0	0.56734	0.87567	0.64789	0.51766
mean_StepDur	-0.03498	0.24745	-0.14136	0.8877
cond_char_0.5:mean_StepDur	0.51192	0.62503	0.81903	0.41357
cond_char_0.75:mean_StepDur	-0.14209	1.0222	-0.13901	0.88956
cond_char_1.0:mean_StepDur	-0.78353	1.4244	-0.55009	0.58276

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.555

R-squared: 0.018, Adjusted R-Squared: -0.0102

F-statistic vs. constant model: 0.639, p-value = 0.723

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.41608	3	0.13869	0.45055	0.71713
mean_StepDur	0.028232	1	0.028232	0.091714	0.76227
cond_char:mean_StepDur	0.33217	3	0.11072	0.35969	0.78217
Error	75.11	244	0.30783		
Total	76.488	251			

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)	2.3908	1.2914	1.8514	0.065324
cond_char_0.5	-1.8044	2.4005	-0.75166	0.45298
cond_char_0.75	-3.4329	3.1327	-1.0958	0.27423
cond_char_1.0	-4.0273	3.765	-1.0697	0.28583
mean_StepDur	0.47634	1.0639	0.44771	0.65476

<code>cond_char_0.5:mean_StepDur</code>	2.0497	2.6874	0.7627	0.44638
<code>cond_char_0.75:mean_StepDur</code>	5.0698	4.3949	1.1536	0.2498
<code>cond_char_1.0:mean_StepDur</code>	6.8934	6.1242	1.1256	0.26144

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.39

R-squared: 0.0209, Adjusted R-Squared: -0.00724

F-statistic vs. constant model: 0.742, p-value = 0.636

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	12.513	3	4.1711	0.73297	0.53322
<code>mean_StepDur</code>	23.34	1	23.34	4.1016	0.043932
<code>cond_char:mean_StepDur</code>	16.142	3	5.3806	0.94552	0.41925
<code>Error</code>	1388.5	244	5.6906		
<code>Total</code>	1418.1	251			

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)	1.2975	0.67592	1.9196	0.056075
<code>cond_char_0.5</code>	-0.43143	1.2564	-0.34337	0.73161
<code>cond_char_0.75</code>	-0.82205	1.6397	-0.50135	0.61658
<code>cond_char_1.0</code>	-0.56853	1.9706	-0.2885	0.77321
<code>mean_StepDur</code>	0.21575	0.55688	0.38743	0.69877
<code>cond_char_0.5:mean_StepDur</code>	0.60407	1.4066	0.42946	0.66797
<code>cond_char_0.75:mean_StepDur</code>	1.3342	2.3003	0.58001	0.56244
<code>cond_char_1.0:mean_StepDur</code>	1.0503	3.2054	0.32766	0.74345

Number of observations: 252, Error degrees of freedom: 244

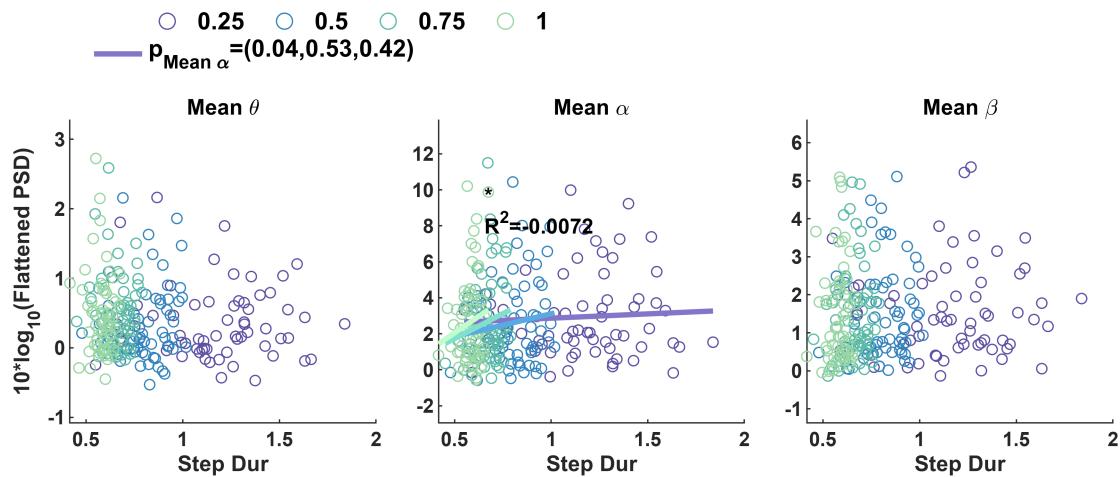
Root Mean Squared Error: 1.25

R-squared: 0.00551, Adjusted R-Squared: -0.023

F-statistic vs. constant model: 0.193, p-value = 0.987

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.53324	3	0.17775	0.11402	0.95185
<code>mean_StepDur</code>	1.3665	1	1.3665	0.87651	0.35008
<code>cond_char:mean_StepDur</code>	0.86632	3	0.28877	0.18523	0.90638
<code>Error</code>	380.39	244	1.559		
<code>Total</code>	382.5	251			

CL11: Calcarine_L



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)	0.60846	0.31474	1.9332	0.054365
cond_char_0.5	-0.3682	0.47742	-0.77123	0.44131
cond_char_0.75	-0.35112	0.45444	-0.77265	0.44048
cond_char_1.0	-0.21393	0.44089	-0.48522	0.62795
mean_UDexc_COV	-0.013105	0.015103	-0.8677	0.38641
cond_char_0.5:mean_UDexc_COV	0.020791	0.028539	0.72852	0.467
cond_char_0.75:mean_UDexc_COV	0.033738	0.033467	1.0081	0.31441
cond_char_1.0:mean_UDexc_COV	0.022652	0.039768	0.5696	0.56948

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.554

R-squared: 0.0193, Adjusted R-Squared: -0.00886

F-statistic vs. constant model: 0.685, p-value = 0.685

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.25186	3	0.083952	0.27307	0.84479
mean_UDexc_COV	0.061597	1	0.061597	0.20036	0.65483
cond_char:mean_UDexc_COV	0.42212	3	0.14071	0.45768	0.71211
Error	75.014	244	0.30743		
Total	76.488	251			

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)	6.4235	1.3188	4.8707	2.0006e-06
cond_char_0.5	-2.3251	2.0005	-1.1623	0.24627
cond_char_0.75	-1.8112	1.9042	-0.95117	0.34246
cond_char_1.0	-0.30247	1.8474	-0.16373	0.87008
mean_UDexc_COV	-0.1708	0.063286	-2.6988	0.0074448

cond_char_0.5:mean_UDexc_COV	0.070143	0.11958	0.58657	0.55804
cond_char_0.75:mean_UDexc_COV	-0.012243	0.14023	-0.0873	0.9305
cond_char_1.0:mean_UDexc_COV	-0.25141	0.16663	-1.5088	0.13265

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.32

R-squared: 0.0712, Adjusted R-Squared: 0.0446

F-statistic vs. constant model: 2.67, p-value = 0.011

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	10.742	3	3.5808	0.66339	0.57529
mean_UDexc_COV	77.227	1	77.227	14.307	0.00019537
cond_char:mean_UDexc_COV	16.743	3	5.5811	1.034	0.37816
Error	1317.1	244	5.3978		
Total	1418.1	251			

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
(Intercept)	3.0328	0.69534	4.3616	1.9056e-05
cond_char_0.5	-0.81944	1.0548	-0.77691	0.43797
cond_char_0.75	-0.69852	1.004	-0.69576	0.48724
cond_char_1.0	-0.26262	0.97404	-0.26962	0.78768
mean_UDexc_COV	-0.07287	0.033368	-2.1839	0.029925
cond_char_0.5:mean_UDexc_COV	0.025935	0.06305	0.41135	0.68118
cond_char_0.75:mean_UDexc_COV	-0.0042658	0.073939	-0.057694	0.95404
cond_char_1.0:mean_UDexc_COV	-0.086338	0.087858	-0.9827	0.32673

Number of observations: 252, Error degrees of freedom: 244

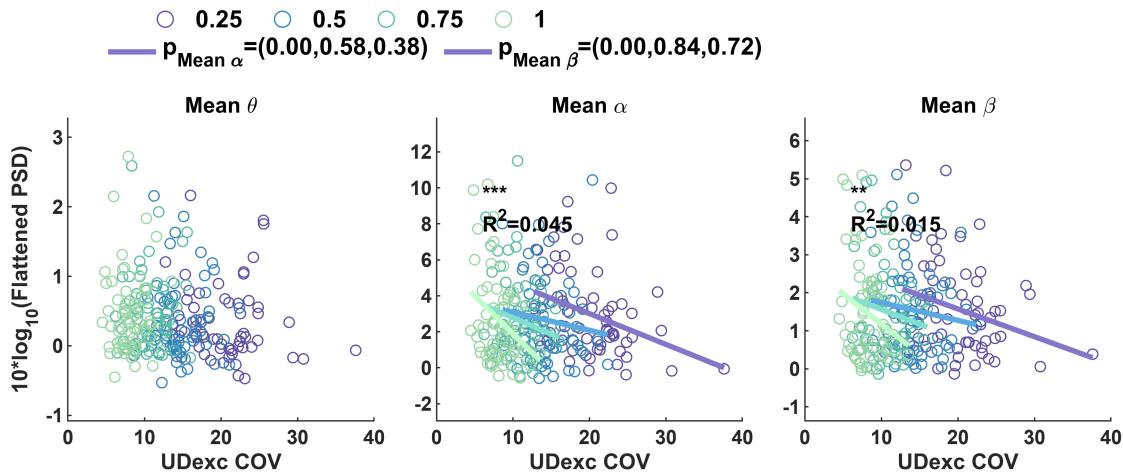
Root Mean Squared Error: 1.22

R-squared: 0.0428, Adjusted R-Squared: 0.0153

F-statistic vs. constant model: 1.56, p-value = 0.149

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.2296	3	0.40987	0.27315	0.84474
mean_UDexc_COV	12.745	1	12.745	8.4933	0.0038958
cond_char:mean_UDexc_COV	2.0294	3	0.67645	0.4508	0.71696
Error	366.13	244	1.5005		
Total	382.5	251			

CL11: Calcarine_L



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)	0.24557	0.2312	1.0622	0.28921
cond_char_0.5	0.24425	0.3993	0.61168	0.54132
cond_char_0.75	0.82834	0.43725	1.8944	0.05935
cond_char_1.0	0.61925	0.46382	1.3351	0.18309
mean_UDexc_mean	6.4322	14.682	0.43811	0.66169
cond_char_0.5:mean_UDexc_mean	-13.475	21.906	-0.61516	0.53902
cond_char_0.75:mean_UDexc_mean	-28.91	20.125	-1.4365	0.15215
cond_char_1.0:mean_UDexc_mean	-17.722	18.588	-0.95344	0.34131

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.552

R-squared: 0.0297, Adjusted R-Squared: 0.00183

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

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.3285	3	0.44283	1.4558	0.22723
mean_UDexc_mean	0.44978	1	0.44978	1.4787	0.22516
cond_char:mean_UDexc_mean	0.64299	3	0.21433	0.70463	0.55008
Error	74.219	244	0.30418		
Total	76.488	251			

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)	4.618	0.99616	4.6358	5.7963e-06
cond_char_0.5	-0.40673	1.7205	-0.23641	0.81332
cond_char_0.75	0.20404	1.884	0.1083	0.91385
cond_char_1.0	-1.5925	1.9985	-0.79687	0.4263
mean_UDexc_mean	-110.85	63.26	-1.7523	0.080979

<code>cond_char_0.5:mean_UDexc_mean</code>	30.272	94.385	0.32072	0.74869
<code>cond_char_0.75:mean_UDexc_mean</code>	28.821	86.715	0.33237	0.7399
<code>cond_char_1.0:mean_UDexc_mean</code>	100.61	80.089	1.2562	0.21025

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.38

R-squared: 0.0284, Adjusted R-Squared: 0.000475

F-statistic vs. constant model: 1.02, p-value = 0.42

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.2484	3	1.4161	0.25078	0.86074
<code>mean_UDexc_mean</code>	30.63	1	30.63	5.4241	0.020678
<code>cond_char:mean_UDexc_mean</code>	10.679	3	3.5595	0.63034	0.59607
<code>Error</code>	1377.9	244	5.647		
<code>Total</code>	1418.1	251			

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)	2.4072	0.51852	4.6425	5.6251e-06
<code>cond_char_0.5</code>	-0.14573	0.89555	-0.16272	0.87087
<code>cond_char_0.75</code>	0.1633	0.98065	0.16652	0.86789
<code>cond_char_1.0</code>	-0.65197	1.0403	-0.62674	0.53142
<code>mean_UDexc_mean</code>	-56.933	32.928	-1.729	0.085071
<code>cond_char_0.5:mean_UDexc_mean</code>	19.586	49.129	0.39866	0.69049
<code>cond_char_0.75:mean_UDexc_mean</code>	16.78	45.137	0.37176	0.71039
<code>cond_char_1.0:mean_UDexc_mean</code>	48.684	41.688	1.1678	0.24402

Number of observations: 252, Error degrees of freedom: 244

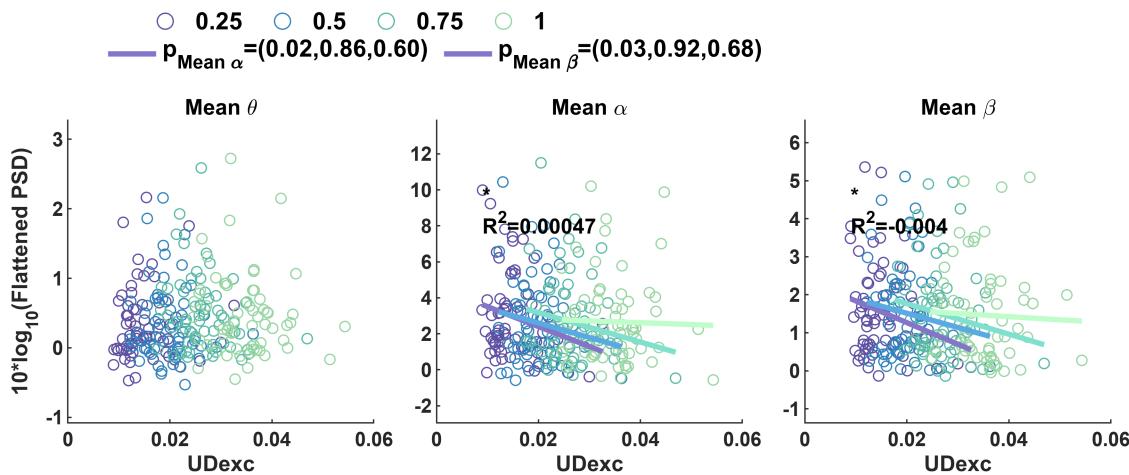
Root Mean Squared Error: 1.24

R-squared: 0.024, Adjusted R-Squared: -0.00403

F-statistic vs. constant model: 0.856, p-value = 0.542

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.78916	3	0.26305	0.17193	0.9153
<code>mean_UDexc_mean</code>	7.7477	1	7.7477	5.0638	0.025323
<code>cond_char:mean_UDexc_mean</code>	2.3371	3	0.77904	0.50917	0.67632
<code>Error</code>	373.33	244	1.53		
<code>Total</code>	382.5	251			

CL11: Calcarine_L



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)	0.35882	0.28727	1.2491	0.21284
cond_char_0.5	-0.52	0.54681	-0.95098	0.34256
cond_char_0.75	-0.039477	0.73688	-0.053574	0.95732
cond_char_1.0	0.49734	0.89971	0.55278	0.58092
mean_StanceDur	-0.009575	0.16032	-0.059725	0.95242
cond_char_0.5:mean_StanceDur	0.48299	0.45361	1.0648	0.28803
cond_char_0.75:mean_StanceDur	0.19634	0.80762	0.24311	0.80812
cond_char_1.0:mean_StanceDur	-0.51454	1.172	-0.43901	0.66105

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.554

R-squared: 0.0197, Adjusted R-Squared: -0.00841

F-statistic vs. constant model: 0.701, p-value = 0.671

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.44016	3	0.14672	0.47746	0.69826
mean_StanceDur	0.0022551	1	0.0022551	0.0073386	0.9318
cond_char:mean_StanceDur	0.43252	3	0.14417	0.46916	0.70406
Error	74.98	244	0.3073		
Total	76.488	251			

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)	2.3236	1.2362	1.8796	0.061349
cond_char_0.5	-1.8074	2.3531	-0.76808	0.44318
cond_char_0.75	-3.2247	3.171	-1.0169	0.31019
cond_char_1.0	-4.1615	3.8717	-1.0749	0.2835
mean_StanceDur	0.36218	0.68989	0.52498	0.60007

cond_char_0.5:mean_StanceDur	1.5921	1.952	0.81561	0.41552
cond_char_0.75:mean_StanceDur	3.8016	3.4754	1.0939	0.27509
cond_char_1.0:mean_StanceDur	5.7965	5.0436	1.1493	0.25157

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.39

R-squared: 0.0209, Adjusted R-Squared: -0.00723

F-statistic vs. constant model: 0.743, p-value = 0.636

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	12.168	3	4.0559	0.71274	0.54522
mean_StanceDur	22.514	1	22.514	3.9564	0.047809
cond_char:mean_StanceDur	16.651	3	5.5502	0.97533	0.40499
Error	1388.5	244	5.6906		
Total	1418.1	251			

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)	1.2883	0.64793	1.9883	0.047899
cond_char_0.5	-0.28228	1.2333	-0.22888	0.81915
cond_char_0.75	-0.23269	1.662	-0.14	0.88877
cond_char_1.0	0.14428	2.0293	0.071102	0.94338
mean_StanceDur	0.15183	0.36159	0.4199	0.67493
cond_char_0.5:mean_StanceDur	0.33234	1.0231	0.32483	0.74559
cond_char_0.75:mean_StanceDur	0.37769	1.8216	0.20734	0.83592
cond_char_1.0:mean_StanceDur	-0.10247	2.6435	-0.038763	0.96911

Number of observations: 252, Error degrees of freedom: 244

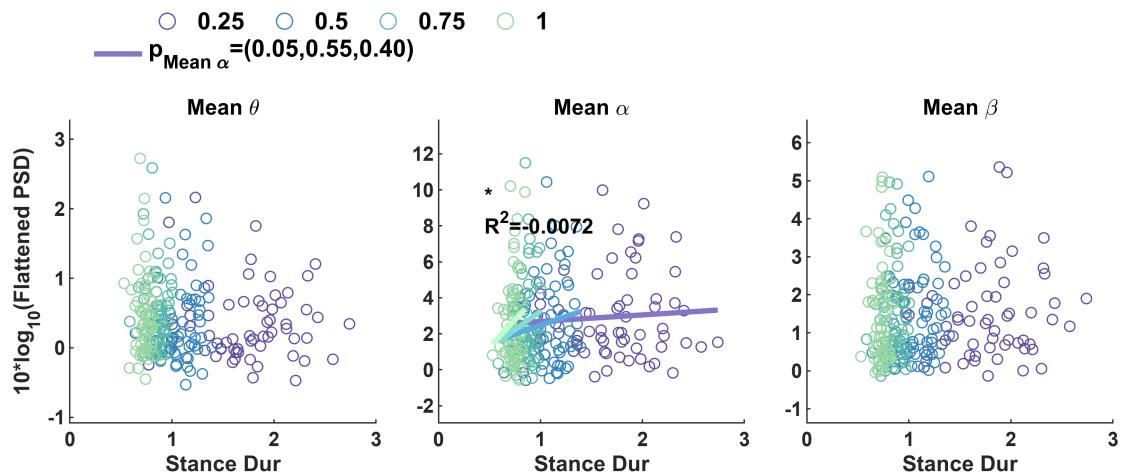
Root Mean Squared Error: 1.25

R-squared: 0.00276, Adjusted R-Squared: -0.0258

F-statistic vs. constant model: 0.0965, p-value = 0.998

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.11874	3	0.039579	0.025318	0.99454
mean_StanceDur	0.20802	1	0.20802	0.13307	0.71559
cond_char:mean_StanceDur	0.22389	3	0.074631	0.04774	0.98615
Error	381.44	244	1.5633		
Total	382.5	251			

CL11: Calcarine_L



CL11) 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)	0.37743	0.30023	1.2571	0.2099
cond_char_0.5	-0.4113	0.55768	-0.73751	0.46152
cond_char_0.75	0.22384	0.7305	0.30642	0.75954
cond_char_1.0	0.54546	0.87386	0.6242	0.53308
mean_GaitCycleDur	-0.01492	0.12355	-0.12076	0.90398
cond_char_0.5:mean_GaitCycleDur	0.25277	0.31197	0.81025	0.41859
cond_char_0.75:mean_GaitCycleDur	-0.077225	0.51256	-0.15067	0.88036
cond_char_1.0:mean_GaitCycleDur	-0.37037	0.71041	-0.52134	0.6026

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.555

R-squared: 0.0178, Adjusted R-Squared: -0.0103

F-statistic vs. constant model: 0.633, p-value = 0.728

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.40184	3	0.13395	0.43505	0.7281
mean_GaitCycleDur	0.023905	1	0.023905	0.077644	0.78075
cond_char:mean_GaitCycleDur	0.31857	3	0.10619	0.3449	0.79287
Error	75.123	244	0.30788		
Total	76.488	251			

CL11) 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)	2.4075	1.2906	1.8654	0.06332
cond_char_0.5	-1.8317	2.3973	-0.76407	0.44556
cond_char_0.75	-3.4669	3.1402	-1.104	0.27067
cond_char_1.0	-4.1001	3.7565	-1.0915	0.27614
mean_GaitCycleDur	0.23085	0.53111	0.43466	0.66419

<code>cond_char_0.5:mean_GaitCycleDur</code>	1.0383	1.3411	0.7742	0.43956
<code>cond_char_0.75:mean_GaitCycleDur</code>	2.555	2.2034	1.1596	0.24735
<code>cond_char_1.0:mean_GaitCycleDur</code>	3.5012	3.0538	1.1465	0.25272

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.39

R-squared: 0.0211, Adjusted R-Squared: -0.00701

F-statistic vs. constant model: 0.75, p-value = 0.63

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	12.87	3	4.29	0.75405	0.52094
<code>mean_GaitCycleDur</code>	23.726	1	23.726	4.1703	0.042214
<code>cond_char:mean_GaitCycleDur</code>	16.541	3	5.5138	0.96915	0.40791
<code>Error</code>	1388.2	244	5.6893		
<code>Total</code>	1418.1	251			

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)	1.303	0.67559	1.9288	0.054922
<code>cond_char_0.5</code>	-0.44314	1.2549	-0.35312	0.7243
<code>cond_char_0.75</code>	-0.82605	1.6438	-0.50253	0.61575
<code>cond_char_1.0</code>	-0.57719	1.9664	-0.29353	0.76937
<code>mean_GaitCycleDur</code>	0.10542	0.27802	0.37917	0.70489
<code>cond_char_0.5:mean_GaitCycleDur</code>	0.30815	0.702	0.43895	0.66108
<code>cond_char_0.75:mean_GaitCycleDur</code>	0.66833	1.1534	0.57945	0.56282
<code>cond_char_1.0:mean_GaitCycleDur</code>	0.53012	1.5986	0.33162	0.74046

Number of observations: 252, Error degrees of freedom: 244

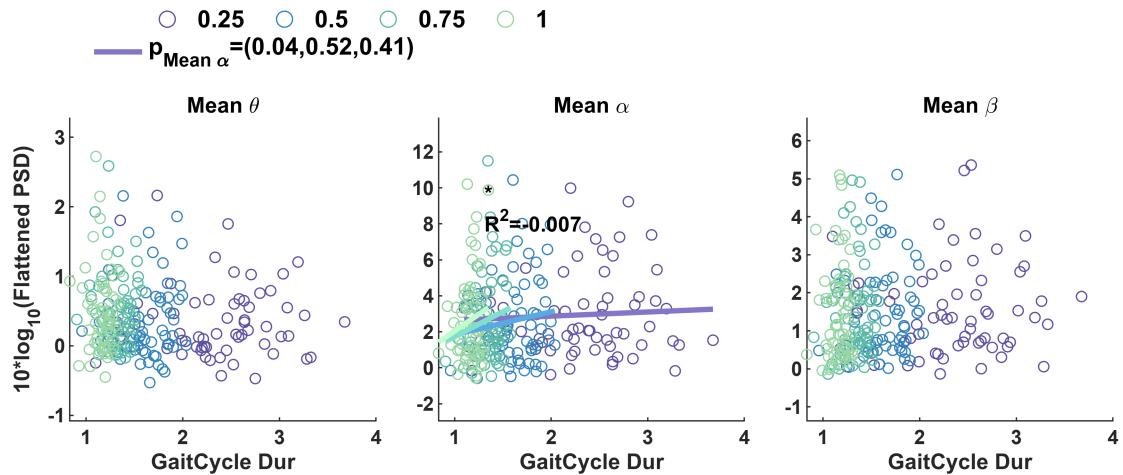
Root Mean Squared Error: 1.25

R-squared: 0.00551, Adjusted R-Squared: -0.023

F-statistic vs. constant model: 0.193, p-value = 0.987

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.54458	3	0.18153	0.11644	0.95041
<code>mean_GaitCycleDur</code>	1.3723	1	1.3723	0.88026	0.34906
<code>cond_char:mean_GaitCycleDur</code>	0.87992	3	0.29331	0.18814	0.90441
<code>Error</code>	380.39	244	1.559		
<code>Total</code>	382.5	251			

CL11: Calcarine_L



CL11) 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)	0.38292	0.26304	1.4558	0.14674
cond_char_0.5	0.07814	0.46278	0.16885	0.86606
cond_char_0.75	0.3448	0.51469	0.66991	0.50355
cond_char_1.0	0.41019	0.53172	0.77144	0.4412
mean_PeakUpDownVel_mean	-0.35124	2.1857	-0.1607	0.87246
cond_char_0.5:mean_PeakUpDownVel_mean	-0.20721	2.9071	-0.071277	0.94324
cond_char_0.75:mean_PeakUpDownVel_mean	-0.52692	2.6736	-0.19708	0.84393
cond_char_1.0:mean_PeakUpDownVel_mean	-0.46224	2.474	-0.18684	0.85195

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 0.555

R-squared: 0.0174, Adjusted R-Squared: -0.0108

F-statistic vs. constant model: 0.617, p-value = 0.742

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.26651	3	0.088837	0.28841	0.83375
mean_PeakUpDownVel_mean	0.17132	1	0.17132	0.5562	0.45651
cond_char:mean_PeakUpDownVel_mean	0.016166	3	0.0053887	0.017494	0.99684
Error	75.158	244	0.30802		
Total	76.488	251			

CL11) 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)	4.9773	1.1203	4.4428	1.3473e-05
cond_char_0.5	0.42247	1.971	0.21434	0.83046
cond_char_0.75	0.40728	2.1921	0.18579	0.85276
cond_char_1.0	-1.1816	2.2646	-0.52175	0.60232
mean_PeakUpDownVel_mean	-17.447	9.3089	-1.8743	0.062088

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	3.2871	12.382	0.26548	0.79086
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	7.8062	11.387	0.68553	0.49366
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	14.589	10.537	1.3846	0.16745

Number of observations: 252, Error degrees of freedom: 244

Root Mean Squared Error: 2.36

R-squared: 0.0386, Adjusted R-Squared: 0.011

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

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.6513	3	0.88376	0.15817	0.92435
<code>mean_PeakUpDownVel_mean</code>	49.254	1	49.254	8.815	0.0032853
<code>cond_char:mean_PeakUpDownVel_mean</code>	15.296	3	5.0987	0.91252	0.43551
<code>Error</code>	1363.3	244	5.5875		
<code>Total</code>	1418.1	251			

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)	2.4324	0.58607	4.1504	4.5878e-05
<code>cond_char_0.5</code>	0.33839	1.0311	0.32818	0.74306
<code>cond_char_0.75</code>	0.20116	1.1468	0.17541	0.8609
<code>cond_char_1.0</code>	-0.91126	1.1847	-0.76918	0.44253
<code>mean_PeakUpDownVel_mean</code>	-7.5874	4.8698	-1.558	0.12052
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	1.2372	6.4773	0.191	0.84868
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	3.6166	5.957	0.60711	0.54434
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	7.4542	5.5124	1.3523	0.17754

Number of observations: 252, Error degrees of freedom: 244

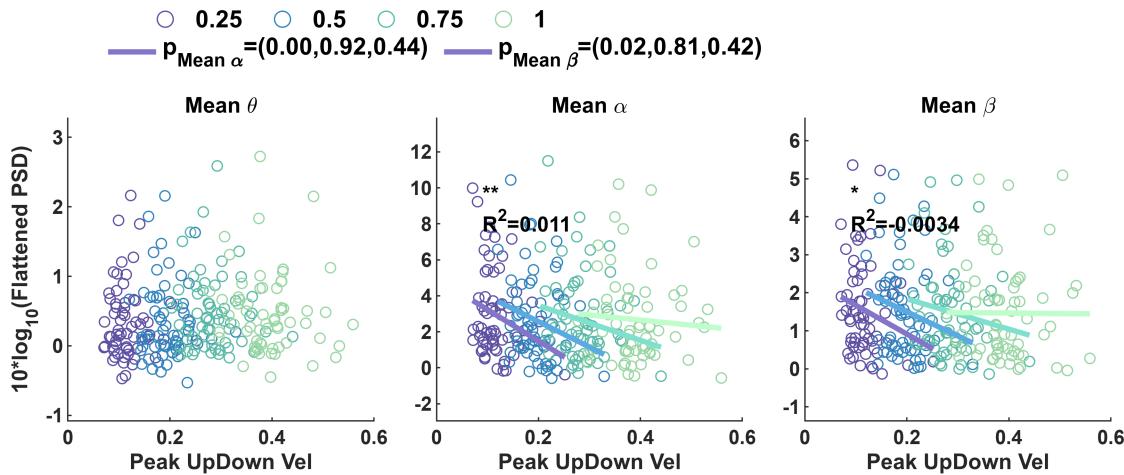
Root Mean Squared Error: 1.24

R-squared: 0.0245, Adjusted R-Squared: -0.00344

F-statistic vs. constant model: 0.877, p-value = 0.525

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.4967	3	0.49889	0.32626	0.80638
<code>mean_PeakUpDownVel_mean</code>	8.2411	1	8.2411	5.3894	0.021084
<code>cond_char:mean_PeakUpDownVel_mean</code>	4.3	3	1.4333	0.93735	0.42322
<code>Error</code>	373.11	244	1.5291		
<code>Total</code>	382.5	251			

CL11: Calcarine_L



CL12) 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)	0.46198	0.30448	1.5173	0.1306
cond_char_0.5	-0.091848	0.48417	-0.1897	0.84971
cond_char_0.75	0.16728	0.49787	0.33599	0.7372
cond_char_1.0	-0.018851	0.44532	-0.042332	0.96627
mean_APexc_COV	-0.0066681	0.012977	-0.51386	0.60786
cond_char_0.5:mean_APexc_COV	0.0031188	0.021896	0.14243	0.88687
cond_char_0.75:mean_APexc_COV	-0.011011	0.023474	-0.46909	0.63946
cond_char_1.0:mean_APexc_COV	-0.0012525	0.02065	-0.060654	0.95169

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 0.814

R-squared: 0.00624, Adjusted R-Squared: -0.0248

F-statistic vs. constant model: 0.201, p-value = 0.985

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.15997	3	0.053322	0.080452	0.97058
mean_APexc_COV	0.75912	1	0.75912	1.1453	0.28568
cond_char:mean_APexc_COV	0.21117	3	0.070391	0.1062	0.9564
Error	148.46	224	0.66278		
Total	149.4	231			

CL12) 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)	4.4731	0.91599	4.8834	1.983e-06
cond_char_0.5	0.51051	1.4566	0.35049	0.7263
cond_char_0.75	-0.49086	1.4978	-0.32773	0.74342
cond_char_1.0	-0.90102	1.3397	-0.67257	0.50192
mean_APexc_COV	-0.050307	0.039038	-1.2887	0.19885

cond_char_0.5:mean_APexc_COV	-0.040841	0.065872	-0.62	0.53589
cond_char_0.75:mean_APexc_COV	-0.0012826	0.070618	-0.018163	0.98552
cond_char_1.0:mean_APexc_COV	0.012905	0.062122	0.20773	0.83563

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 2.45

R-squared: 0.0318, Adjusted R-Squared: 0.00158

F-statistic vs. constant model: 1.05, p-value = 0.396

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	6.0575	3	2.0192	0.33662	0.79887
mean_APexc_COV	31.424	1	31.424	5.2387	0.023022
cond_char:mean_APexc_COV	3.6811	3	1.227	0.20456	0.89317
Error	1343.6	224	5.9984		
Total	1387.8	231			

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)	2.5164	0.52874	4.7593	3.4845e-06
cond_char_0.5	-0.2351	0.84078	-0.27962	0.78003
cond_char_0.75	-1.1064	0.86457	-1.2798	0.20195
cond_char_1.0	-0.29749	0.77331	-0.38469	0.70083
mean_APexc_COV	0.012757	0.022534	0.56611	0.57189
cond_char_0.5:mean_APexc_COV	0.010875	0.038024	0.28601	0.77514
cond_char_0.75:mean_APexc_COV	0.051797	0.040763	1.2707	0.20516
cond_char_1.0:mean_APexc_COV	-0.00091297	0.035859	-0.02546	0.97971

Number of observations: 232, Error degrees of freedom: 224

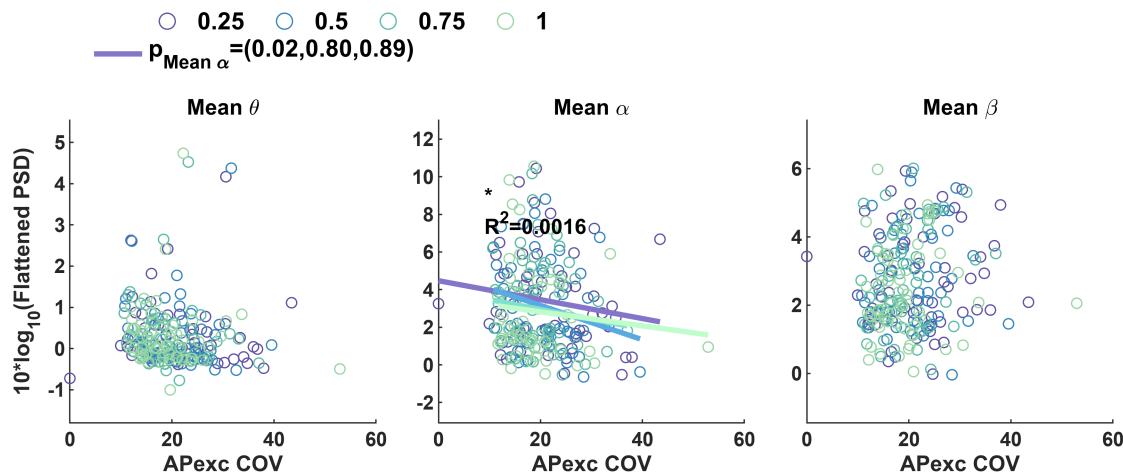
Root Mean Squared Error: 1.41

R-squared: 0.0299, Adjusted R-Squared: -0.000421

F-statistic vs. constant model: 0.986, p-value = 0.442

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.3981	3	1.1327	0.56673	0.63748
mean_APexc_COV	7.5272	1	7.5272	3.7661	0.053556
cond_char:mean_APexc_COV	3.7227	3	1.2409	0.62087	0.60218
Error	447.7	224	1.9987		
Total	461.5	231			

CL12: Cuneus_R



CL12) 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)	-0.022515	0.29814	-0.075518	0.93987
cond_char_0.5	0.43973	0.49076	0.89602	0.37121
cond_char_0.75	0.47061	0.59389	0.79242	0.42896
cond_char_1.0	0.20552	0.61395	0.33476	0.73812
mean_APexc_mean	5.5985	4.6105	1.2143	0.22591
cond_char_0.5:mean_APexc_mean	-7.9791	8.7653	-0.91031	0.36364
cond_char_0.75:mean_APexc_mean	-9.5036	12.994	-0.73139	0.46531
cond_char_1.0:mean_APexc_mean	-2.7137	14.688	-0.18475	0.85359

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 0.813

R-squared: 0.00781, Adjusted R-Squared: -0.0232

F-statistic vs. constant model: 0.252, p-value = 0.971

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.72814	3	0.24271	0.36679	0.77705
mean_APexc_mean	0.0076305	1	0.0076305	0.011531	0.91458
cond_char:mean_APexc_mean	0.76461	3	0.25487	0.38516	0.7638
Error	148.23	224	0.66173		
Total	149.4	231			

CL12) 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)	2.1935	0.89691	2.4456	0.015231
cond_char_0.5	0.42989	1.4764	0.29118	0.77118
cond_char_0.75	-0.57292	1.7866	-0.32066	0.74876
cond_char_1.0	-2.2418	1.847	-1.2138	0.22612
mean_APexc_mean	19.452	13.87	1.4024	0.16217

<code>cond_char_0.5:mean_APexc_mean</code>	-9.6121	26.369	-0.36452	0.71582
<code>cond_char_0.75:mean_APexc_mean</code>	13.476	39.09	0.34475	0.73061
<code>cond_char_1.0:mean_APexc_mean</code>	57.595	44.187	1.3034	0.19376

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 2.45

R-squared: 0.0334, Adjusted R-Squared: 0.00316

F-statistic vs. constant model: 1.1, p-value = 0.361

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	11.835	3	3.9449	0.65871	0.57827
<code>mean_APexc_mean</code>	30.639	1	30.639	5.116	0.024666
<code>cond_char:mean_APexc_mean</code>	12.806	3	4.2686	0.71275	0.5453
<code>Error</code>	1341.5	224	5.9889		
<code>Total</code>	1387.8	231			

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)	2.799	0.52141	5.3682	1.9834e-07
<code>cond_char_0.5</code>	0.36837	0.85829	0.42919	0.66819
<code>cond_char_0.75</code>	0.78041	1.0387	0.75137	0.45322
<code>cond_char_1.0</code>	0.21184	1.0737	0.19729	0.84378
<code>mean_APexc_mean</code>	-0.038799	8.0632	-0.0048119	0.99616
<code>cond_char_0.5:mean_APexc_mean</code>	-7.9637	15.33	-0.5195	0.60393
<code>cond_char_0.75:mean_APexc_mean</code>	-22.166	22.725	-0.97541	0.33041
<code>cond_char_1.0:mean_APexc_mean</code>	-14.96	25.688	-0.58236	0.56091

Number of observations: 232, Error degrees of freedom: 224

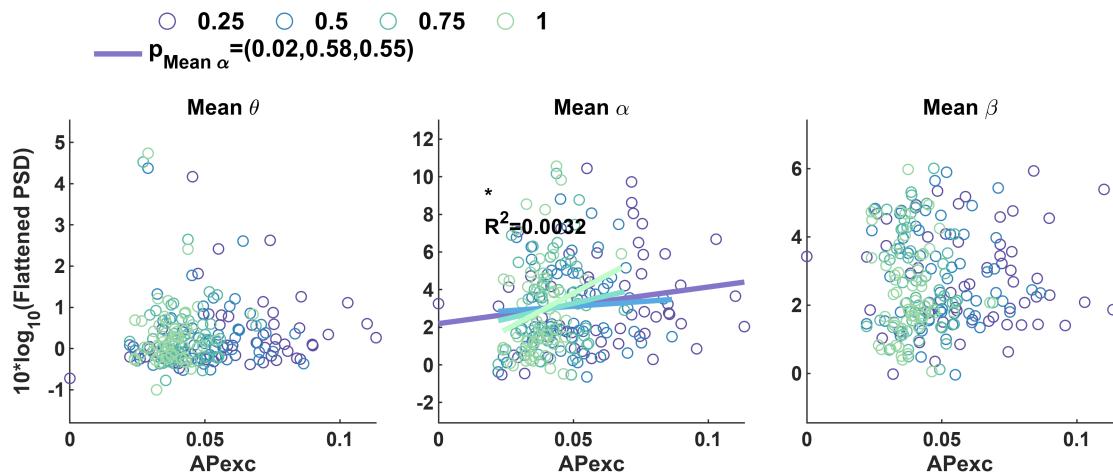
Root Mean Squared Error: 1.42

R-squared: 0.0176, Adjusted R-Squared: -0.0131

F-statistic vs. constant model: 0.574, p-value = 0.777

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.2347	3	0.41156	0.20334	0.89401
<code>mean_APexc_mean</code>	3.2337	1	3.2337	1.5977	0.20754
<code>cond_char:mean_APexc_mean</code>	2.5398	3	0.84661	0.41829	0.74005
<code>Error</code>	453.37	224	2.024		
<code>Total</code>	461.5	231			

CL12: Cuneus_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)	0.37722	0.26574	1.4195	0.15714
cond_char_0.5	-0.39234	0.39629	-0.99003	0.32323
cond_char_0.75	-0.25644	0.44227	-0.57984	0.56261
cond_char_1.0	-0.13834	0.49478	-0.2796	0.78004
mean_MLexc_COV	-0.0052728	0.020782	-0.25372	0.79994
cond_char_0.5:mean_MLexc_COV	0.029868	0.029937	0.9977	0.3195
cond_char_0.75:mean_MLexc_COV	0.016931	0.031516	0.53723	0.59164
cond_char_1.0:mean_MLexc_COV	0.0085354	0.032407	0.26338	0.7925

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 0.814

R-squared: 0.00739, Adjusted R-Squared: -0.0236

F-statistic vs. constant model: 0.238, p-value = 0.975

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.68534	3	0.22845	0.34508	0.79275
mean_MLexc_COV	0.37395	1	0.37395	0.56487	0.4531
cond_char:mean_MLexc_COV	0.70124	3	0.23375	0.35309	0.78695
Error	148.29	224	0.66201		
Total	149.4	231			

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)	4.7795	0.80242	5.9563	9.898e-09
cond_char_0.5	-1.0824	1.1966	-0.90451	0.3667
cond_char_0.75	-1.419	1.3355	-1.0626	0.28912
cond_char_1.0	-1.3571	1.494	-0.90832	0.36468
mean_MLexc_COV	-0.12057	0.062753	-1.9213	0.055962

<code>cond_char_0.5:mean_MLexc_COV</code>	0.075027	0.090398	0.82996	0.40745
<code>cond_char_0.75:mean_MLexc_COV</code>	0.093988	0.095165	0.98763	0.3244
<code>cond_char_1.0:mean_MLexc_COV</code>	0.085753	0.097858	0.8763	0.3818

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 2.46

R-squared: 0.0257, Adjusted R-Squared: -0.00473

F-statistic vs. constant model: 0.845, p-value = 0.552

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	9.8197	3	3.2732	0.54226	0.65385
<code>mean_MLexc_COV</code>	16.506	1	16.506	2.7344	0.099608
<code>cond_char:mean_MLexc_COV</code>	7.911	3	2.637	0.43686	0.72684
<code>Error</code>	1352.1	224	6.0363		
<code>Total</code>	1387.8	231			

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)	2.6348	0.46622	5.6514	4.8117e-08
<code>cond_char_0.5</code>	0.18531	0.69527	0.26652	0.79008
<code>cond_char_0.75</code>	0.20143	0.77593	0.2596	0.79541
<code>cond_char_1.0</code>	0.011666	0.86806	0.013439	0.98929
<code>mean_MLexc_COV</code>	0.013829	0.03646	0.3793	0.70483
<code>cond_char_0.5:mean_MLexc_COV</code>	-0.018166	0.052523	-0.34587	0.72977
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.026137	0.055292	-0.4727	0.63689
<code>cond_char_1.0:mean_MLexc_COV</code>	-0.026233	0.056857	-0.46138	0.64497

Number of observations: 232, Error degrees of freedom: 224

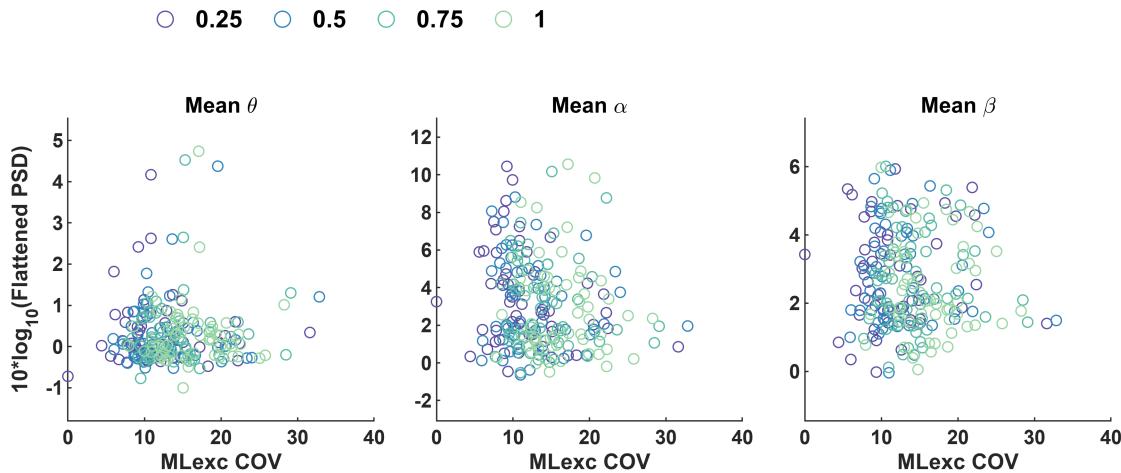
Root Mean Squared Error: 1.43

R-squared: 0.0109, Adjusted R-Squared: -0.02

F-statistic vs. constant model: 0.354, p-value = 0.928

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.23337	3	0.077791	0.038176	0.99001
<code>mean_MLexc_COV</code>	0.073851	1	0.073851	0.036242	0.84919
<code>cond_char:mean_MLexc_COV</code>	0.63196	3	0.21065	0.10338	0.95802
<code>Error</code>	456.45	224	2.0377		
<code>Total</code>	461.5	231			

CL12: Cuneus_R



CL12) 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)	-0.35979	0.36018	-0.99891	0.31891
cond_char_0.5	0.51239	0.53313	0.96111	0.33753
cond_char_0.75	0.55708	0.59187	0.94122	0.34761
cond_char_1.0	0.90498	0.61335	1.4755	0.14149
mean_MLexc_mean	5.6964	2.9033	1.9621	0.050995
cond_char_0.5:mean_MLexc_mean	-4.1714	4.9289	-0.84632	0.39828
cond_char_0.75:mean_MLexc_mean	-4.4487	7.0197	-0.63374	0.5269
cond_char_1.0:mean_MLexc_mean	-10.095	8.906	-1.1335	0.2582

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 0.809

R-squared: 0.019, Adjusted R-Squared: -0.0116

F-statistic vs. constant model: 0.621, p-value = 0.738

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.6057	3	0.53525	0.81812	0.48505
mean_MLexc_mean	0.079679	1	0.079679	0.12179	0.72743
cond_char:mean_MLexc_mean	1.1896	3	0.39654	0.60611	0.61167
Error	146.55	224	0.65424		
Total	149.4	231			

CL12) 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)	1.9639	1.0979	1.7887	0.075018
cond_char_0.5	0.11771	1.6251	0.072433	0.94232
cond_char_0.75	0.24548	1.8042	0.13606	0.8919
cond_char_1.0	1.0558	1.8697	0.56471	0.57283
mean_MLexc_mean	11.844	8.8501	1.3383	0.18217

<code>cond_char_0.5:mean_MLexc_mean</code>	-0.93282	15.025	-0.062086	0.95055
<code>cond_char_0.75:mean_MLexc_mean</code>	-1.0446	21.398	-0.048815	0.96111
<code>cond_char_1.0:mean_MLexc_mean</code>	-14.659	27.148	-0.53996	0.58976

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 2.47

R-squared: 0.0188, Adjusted R-Squared: -0.0119

F-statistic vs. constant model: 0.612, p-value = 0.746

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.1068	3	0.70228	0.11552	0.95095
<code>mean_MLexc_mean</code>	4.5444	1	4.5444	0.74752	0.38819
<code>cond_char:mean_MLexc_mean</code>	1.7847	3	0.59492	0.09786	0.96115
<code>Error</code>	1361.8	224	6.0793		
<code>Total</code>	1387.8	231			

CL12) 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)	2.923	0.63539	4.6003	7.0603e-06
<code>cond_char_0.5</code>	0.076413	0.94049	0.081248	0.93532
<code>cond_char_0.75</code>	0.14832	1.0441	0.14205	0.88717
<code>cond_char_1.0</code>	-0.22327	1.082	-0.20635	0.83671
<code>mean_MLexc_mean</code>	-1.0653	5.1217	-0.208	0.83542
<code>cond_char_0.5:mean_MLexc_mean</code>	-1.402	8.695	-0.16125	0.87204
<code>cond_char_0.75:mean_MLexc_mean</code>	-4.6645	12.383	-0.37667	0.70677
<code>cond_char_1.0:mean_MLexc_mean</code>	-3.3531	15.711	-0.21343	0.83119

Number of observations: 232, Error degrees of freedom: 224

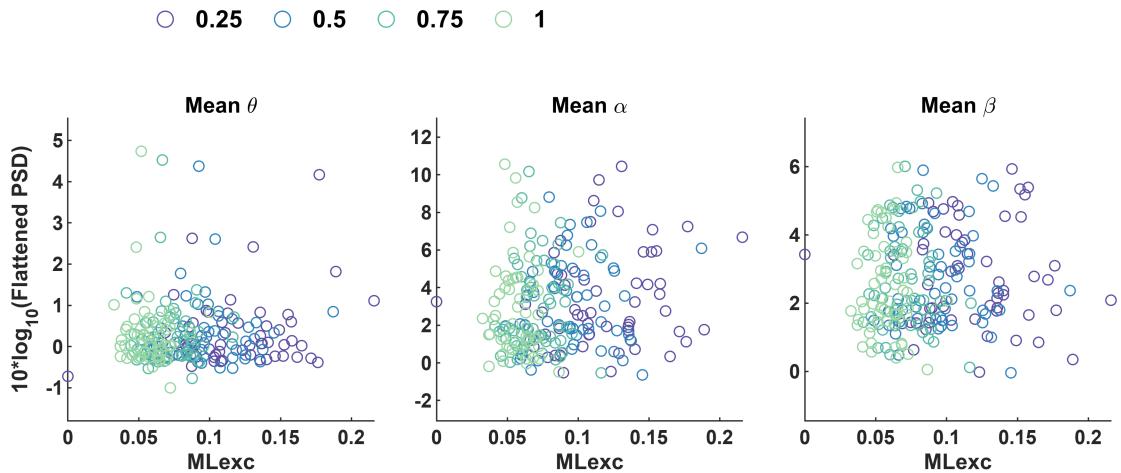
Root Mean Squared Error: 1.43

R-squared: 0.0118, Adjusted R-Squared: -0.0191

F-statistic vs. constant model: 0.381, p-value = 0.913

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.22034	3	0.073446	0.036074	0.99081
<code>mean_MLexc_mean</code>	0.9002	1	0.9002	0.44214	0.50678
<code>cond_char:mean_MLexc_mean</code>	0.34786	3	0.11595	0.056952	0.9821
<code>Error</code>	456.07	224	2.036		
<code>Total</code>	461.5	231			

CL12: Cuneus_R



CL12) 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)	-0.23907	0.41285	-0.57906	0.56313
cond_char_0.5	0.16419	0.79083	0.20761	0.83572
cond_char_0.75	-0.31494	1.034	-0.30458	0.76097
cond_char_1.0	-0.29939	1.1972	-0.25006	0.80277
mean_StepDur	0.4804	0.34557	1.3901	0.16586
cond_char_0.5:mean_StepDur	-0.017401	0.89737	-0.019392	0.98455
cond_char_0.75:mean_StepDur	0.79598	1.4715	0.54092	0.5891
cond_char_1.0:mean_StepDur	0.94782	1.9553	0.48475	0.62833

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 0.81

R-squared: 0.016, Adjusted R-Squared: -0.0148

F-statistic vs. constant model: 0.519, p-value = 0.82

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.15452	3	0.051506	0.078479	0.97161
mean_StepDur	1.3324	1	1.3324	2.0302	0.15559
cond_char:mean_StepDur	0.33893	3	0.11298	0.17214	0.91514
Error	147.01	224	0.6563		
Total	149.4	231			

CL12) 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)	1.5412	1.2326	1.2504	0.21245
cond_char_0.5	-1.2282	2.361	-0.52023	0.60342
cond_char_0.75	-2.9538	3.087	-0.95686	0.33967
cond_char_1.0	-6.1869	3.5743	-1.7309	0.08484
mean_StepDur	1.5824	1.0317	1.5338	0.12649

<code>cond_char_0.5:mean_StepDur</code>	1.9056	2.679	0.71129	0.47765
<code>cond_char_0.75:mean_StepDur</code>	5.0909	4.3932	1.1588	0.24776
<code>cond_char_1.0:mean_StepDur</code>	11.325	5.8374	1.94	0.053632

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 2.42

R-squared: 0.0559, Adjusted R-Squared: 0.0264

F-statistic vs. constant model: 1.89, p-value = 0.0717

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	20.639	3	6.8796	1.1761	0.31965
<code>mean_StepDur</code>	60.841	1	60.841	10.401	0.0014476
<code>cond_char:mean_StepDur</code>	30.22	3	10.073	1.7221	0.16329
<code>Error</code>	1310.3	224	5.8495		
<code>Total</code>	1387.8	231			

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)	3.4508	0.71827	4.8043	2.843e-06
<code>cond_char_0.5</code>	0.62875	1.3759	0.45699	0.64812
<code>cond_char_0.75</code>	2.2644	1.7989	1.2587	0.20944
<code>cond_char_1.0</code>	0.3206	2.0829	0.15392	0.87781
<code>mean_StepDur</code>	-0.56665	0.60122	-0.9425	0.34695
<code>cond_char_0.5:mean_StepDur</code>	-1.0679	1.5612	-0.684	0.49468
<code>cond_char_0.75:mean_StepDur</code>	-4.0706	2.5601	-1.59	0.11324
<code>cond_char_1.0:mean_StepDur</code>	-1.7147	3.4017	-0.50406	0.61472

Number of observations: 232, Error degrees of freedom: 224

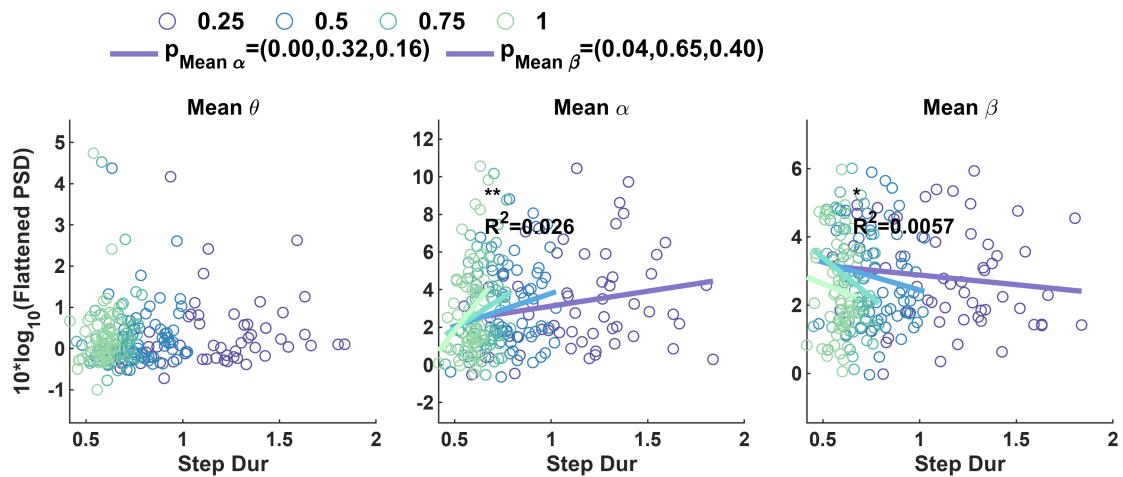
Root Mean Squared Error: 1.41

R-squared: 0.0358, Adjusted R-Squared: 0.00568

F-statistic vs. constant model: 1.19, p-value = 0.31

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.2312	3	1.0771	0.54221	0.65388
<code>mean_StepDur</code>	8.3271	1	8.3271	4.1919	0.041785
<code>cond_char:mean_StepDur</code>	5.9311	3	1.977	0.99525	0.39587
<code>Error</code>	444.97	224	1.9865		
<code>Total</code>	461.5	231			

CL12: Cuneus_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)	0.55462	0.3942	1.407	0.16083
cond_char_0.5	-0.63328	0.68054	-0.93056	0.35308
cond_char_0.75	0.068101	0.58728	0.11596	0.90779
cond_char_1.0	0.13798	0.54311	0.25405	0.79969
mean_UDexc_COV	-0.012168	0.019311	-0.63011	0.52927
cond_char_0.5:mean_UDexc_COV	0.03845	0.04266	0.90132	0.36838
cond_char_0.75:mean_UDexc_COV	-0.019481	0.044185	-0.4409	0.65971
cond_char_1.0:mean_UDexc_COV	-0.036022	0.047186	-0.7634	0.44603

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 0.812

R-squared: 0.0124, Adjusted R-Squared: -0.0185

F-statistic vs. constant model: 0.4, p-value = 0.901

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.94939	3	0.31646	0.48043	0.69621
mean_UDexc_COV	0.54168	1	0.54168	0.82235	0.36547
cond_char:mean_UDexc_COV	1.2885	3	0.4295	0.65204	0.58243
Error	147.55	224	0.6587		
Total	149.4	231			

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)	5.5263	1.165	4.7435	3.7399e-06
cond_char_0.5	-1.3292	2.0113	-0.66086	0.50938
cond_char_0.75	-0.1008	1.7356	-0.058074	0.95374
cond_char_1.0	0.28318	1.6051	0.17642	0.86012
mean_UDexc_COV	-0.10983	0.057072	-1.9244	0.055576

<code>cond_char_0.5:mean_UDexc_COV</code>	0.034441	0.12608	0.27318	0.78497
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.12022	0.13058	-0.92062	0.35824
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.24511	0.13946	-1.7576	0.080178

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 2.4

R-squared: 0.0714, Adjusted R-Squared: 0.0423

F-statistic vs. constant model: 2.46, p-value = 0.0189

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.9583	3	1.3194	0.22933	0.87591
<code>mean_UDexc_COV</code>	74.386	1	74.386	12.929	0.00039796
<code>cond_char:mean_UDexc_COV</code>	22.981	3	7.6604	1.3315	0.26494
<code>Error</code>	1288.8	224	5.7534		
<code>Total</code>	1387.8	231			

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)	2.2625	0.68834	3.2869	0.0011759
<code>cond_char_0.5</code>	0.44558	1.1883	0.37496	0.70804
<code>cond_char_0.75</code>	0.31301	1.0255	0.30523	0.76047
<code>cond_char_1.0</code>	1.2531	0.94836	1.3213	0.18773
<code>mean_UDexc_COV</code>	0.027181	0.03372	0.80607	0.42106
<code>cond_char_0.5:mean_UDexc_COV</code>	-0.023206	0.07449	-0.31153	0.75569
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.019117	0.077153	-0.24777	0.80454
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.15588	0.082395	-1.8919	0.059793

Number of observations: 232, Error degrees of freedom: 224

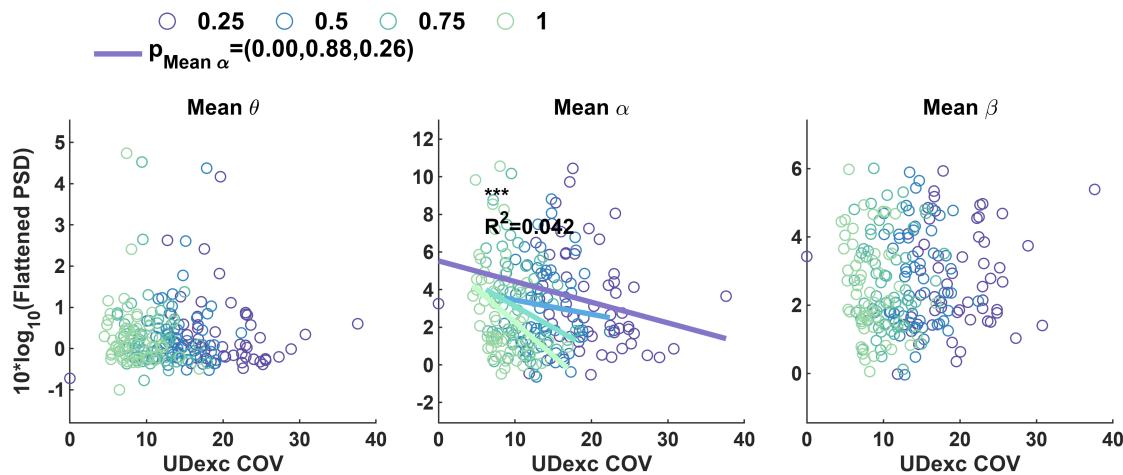
Root Mean Squared Error: 1.42

R-squared: 0.0252, Adjusted R-Squared: -0.0053

F-statistic vs. constant model: 0.826, p-value = 0.567

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.8337	3	1.2779	0.63626	0.59237
<code>mean_UDexc_COV</code>	1.0041	1	1.0041	0.49995	0.48026
<code>cond_char:mean_UDexc_COV</code>	7.207	3	2.4023	1.1961	0.31207
<code>Error</code>	449.89	224	2.0084		
<code>Total</code>	461.5	231			

CL12: Cuneus_R



CL12) 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)	0.13538	0.38616	0.35057	0.72624
cond_char_0.5	0.70667	0.63849	1.1068	0.26957
cond_char_0.75	0.36806	0.72062	0.51076	0.61002
cond_char_1.0	0.1393	0.71642	0.19444	0.84601
mean_UDexc_mean	12.538	25.832	0.48536	0.6279
cond_char_0.5:mean_UDexc_mean	-39.955	35.969	-1.1108	0.26783
cond_char_0.75:mean_UDexc_mean	-20.729	34.34	-0.60364	0.5467
cond_char_1.0:mean_UDexc_mean	-12.048	30.901	-0.3899	0.69698

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 0.814

R-squared: 0.00713, Adjusted R-Squared: -0.0239

F-statistic vs. constant model: 0.23, p-value = 0.978

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.85844	3	0.28615	0.43213	0.7302
mean_UDexc_mean	0.16132	1	0.16132	0.24361	0.62209
cond_char:mean_UDexc_mean	0.91811	3	0.30604	0.46216	0.70899
Error	148.33	224	0.66219		
Total	149.4	231			

CL12) 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)	3.9107	1.1753	3.3273	0.001025
cond_char_0.5	0.036032	1.9433	0.018541	0.98522
cond_char_0.75	-1.0185	2.1933	-0.46435	0.64285
cond_char_1.0	-2.1093	2.1806	-0.96735	0.33441
mean_UDexc_mean	-37.788	78.623	-0.48062	0.63126

cond_char_0.5:mean_UDexc_mean	-3.9266	109.48	-0.035866	0.97142
cond_char_0.75:mean_UDexc_mean	41.192	104.52	0.39411	0.69387
cond_char_1.0:mean_UDexc_mean	67.946	94.052	0.72243	0.47078

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 2.48

R-squared: 0.00986, Adjusted R-Squared: -0.0211

F-statistic vs. constant model: 0.319, p-value = 0.945

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	7.0305	3	2.3435	0.38202	0.76606
mean_UDexc_mean	0.66759	1	0.66759	0.10882	0.74179
cond_char:mean_UDexc_mean	5.3549	3	1.785	0.29097	0.8319
Error	1374.1	224	6.1345		
Total	1387.8	231			

CL12) 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)	3.0826	0.67452	4.5701	8.0556e-06
cond_char_0.5	0.066614	1.1153	0.059729	0.95242
cond_char_0.75	0.99703	1.2587	0.79209	0.42915
cond_char_1.0	-0.48387	1.2514	-0.38667	0.69937
mean_UDexc_mean	-19.904	45.121	-0.44112	0.65955
cond_char_0.5:mean_UDexc_mean	0.55604	62.828	0.0088502	0.99295
cond_char_0.75:mean_UDexc_mean	-33.681	59.982	-0.56152	0.57501
cond_char_1.0:mean_UDexc_mean	15.52	53.975	0.28753	0.77397

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 1.42

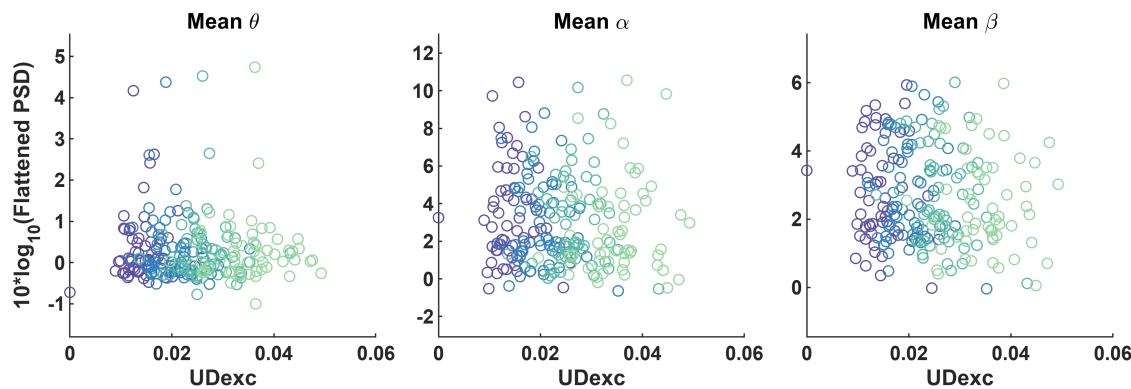
R-squared: 0.0194, Adjusted R-Squared: -0.0113

F-statistic vs. constant model: 0.632, p-value = 0.729

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.1066	3	0.7022	0.34756	0.79095
mean_UDexc_mean	2.9899	1	2.9899	1.4799	0.22507
cond_char:mean_UDexc_mean	2.013	3	0.67099	0.33211	0.80214
Error	452.57	224	2.0204		
Total	461.5	231			

CL12: Cuneus_R

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL12) 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)	-0.24269	0.39237	-0.61852	0.53686
cond_char_0.5	0.080299	0.77337	0.10383	0.9174
cond_char_0.75	-0.50861	1.0597	-0.47996	0.63172
cond_char_1.0	-0.44175	1.2326	-0.35838	0.7204
mean_StanceDur	0.32817	0.22209	1.4777	0.1409
cond_char_0.5:mean_StanceDur	0.098505	0.64957	0.15165	0.8796
cond_char_0.75:mean_StanceDur	0.89993	1.1791	0.76324	0.44612
cond_char_1.0:mean_StanceDur	1.0101	1.6106	0.62716	0.53119

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 0.809

R-squared: 0.0199, Adjusted R-Squared: -0.0108

F-statistic vs. constant model: 0.649, p-value = 0.715

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.2497	3	0.083235	0.12733	0.94383
mean_StanceDur	1.6739	1	1.6739	2.5607	0.11096
cond_char:mean_StanceDur	0.62577	3	0.20859	0.3191	0.81156
Error	146.43	224	0.65369		
Total	149.4	231			

CL12) 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)	1.5514	1.1704	1.3256	0.18633
cond_char_0.5	-1.5737	2.3068	-0.68219	0.49582
cond_char_0.75	-3.4581	3.1609	-1.094	0.27512
cond_char_1.0	-6.6284	3.6767	-1.8028	0.072761
mean_StanceDur	1.068	0.66244	1.6122	0.10833

<code>cond_char_0.5:mean_StanceDur</code>	1.8458	1.9375	0.95264	0.3418
<code>cond_char_0.75:mean_StanceDur</code>	4.717	3.517	1.3412	0.18122
<code>cond_char_1.0:mean_StanceDur</code>	9.809	4.8041	2.0418	0.042344

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 2.41

R-squared: 0.0613, Adjusted R-Squared: 0.0319

F-statistic vs. constant model: 2.09, p-value = 0.0458

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	23.841	3	7.947	1.3664	0.25388
<code>mean_StanceDur</code>	64.671	1	64.671	11.12	0.0009996
<code>cond_char:mean_StanceDur</code>	37.418	3	12.473	2.1446	0.09547
<code>Error</code>	1302.8	224	5.816		
<code>Total</code>	1387.8	231			

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)	3.3271	0.68537	4.8544	2.2644e-06
<code>cond_char_0.5</code>	0.53135	1.3509	0.39333	0.69445
<code>cond_char_0.75</code>	2.4303	1.851	1.3129	0.19055
<code>cond_char_1.0</code>	0.32892	2.1531	0.15277	0.87872
<code>mean_StanceDur</code>	-0.31182	0.38793	-0.80381	0.42236
<code>cond_char_0.5:mean_StanceDur</code>	-0.70266	1.1346	-0.61928	0.53636
<code>cond_char_0.75:mean_StanceDur</code>	-3.3518	2.0596	-1.6274	0.10506
<code>cond_char_1.0:mean_StanceDur</code>	-1.3479	2.8133	-0.47913	0.63231

Number of observations: 232, Error degrees of freedom: 224

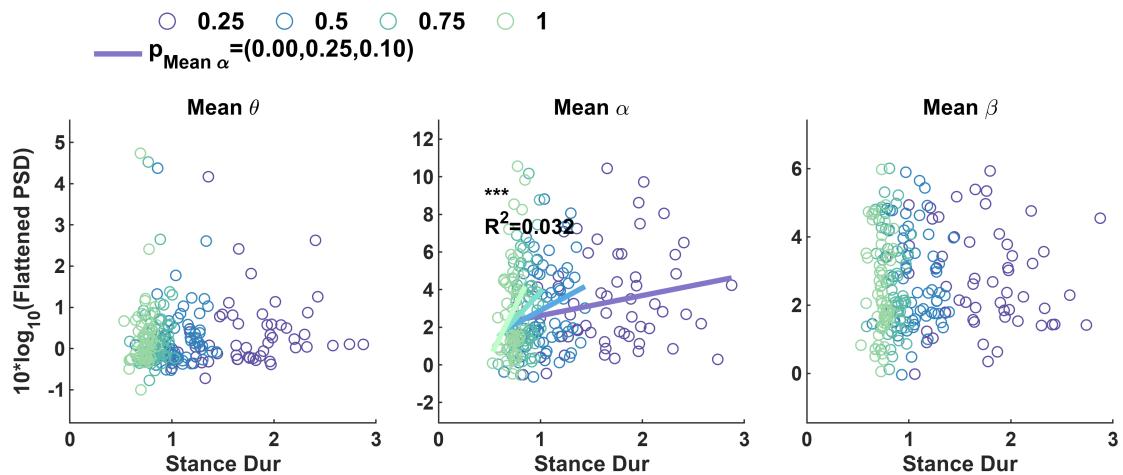
Root Mean Squared Error: 1.41

R-squared: 0.0319, Adjusted R-Squared: 0.00167

F-statistic vs. constant model: 1.06, p-value = 0.394

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.4837	3	1.1612	0.58223	0.62725
<code>mean_StanceDur</code>	6.7103	1	6.7103	3.3644	0.067947
<code>cond_char:mean_StanceDur</code>	6.1543	3	2.0514	1.0285	0.38075
<code>Error</code>	446.77	224	1.9945		
<code>Total</code>	461.5	231			

CL12: Cuneus_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)	-0.23612	0.4125	-0.57241	0.56762
cond_char_0.5	0.16165	0.78971	0.2047	0.83799
cond_char_0.75	-0.33219	1.0361	-0.32062	0.74879
cond_char_1.0	-0.31269	1.1941	-0.26187	0.79366
mean_GaitCycleDur	0.23862	0.17241	1.384	0.16773
cond_char_0.5:mean_GaitCycleDur	-0.0074802	0.44774	-0.016707	0.98669
cond_char_0.75:mean_GaitCycleDur	0.41038	0.73741	0.55652	0.57841
cond_char_1.0:mean_GaitCycleDur	0.48425	0.97463	0.49685	0.61978

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 0.81

R-squared: 0.0161, Adjusted R-Squared: -0.0147

F-statistic vs. constant model: 0.523, p-value = 0.817

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.16463	3	0.054876	0.083623	0.96891
mean_GaitCycleDur	1.3615	1	1.3615	2.0748	0.15115
cond_char:mean_GaitCycleDur	0.35713	3	0.11904	0.1814	0.90895
Error	147	224	0.65623		
Total	149.4	231			

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)	1.5465	1.2313	1.2559	0.21046
cond_char_0.5	-1.2281	2.3573	-0.52097	0.6029
cond_char_0.75	-2.9989	3.0927	-0.96965	0.33326
cond_char_1.0	-6.2149	3.5644	-1.7436	0.082605
mean_GaitCycleDur	0.78795	0.51466	1.531	0.12718

<code>cond_char_0.5:mean_GaitCycleDur</code>	0.95194	1.3365	0.71225	0.47705
<code>cond_char_0.75:mean_GaitCycleDur</code>	2.5787	2.2012	1.1715	0.24264
<code>cond_char_1.0:mean_GaitCycleDur</code>	5.6838	2.9093	1.9536	0.051988

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 2.42

R-squared: 0.0562, Adjusted R-Squared: 0.0267

F-statistic vs. constant model: 1.91, p-value = 0.0697

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	20.982	3	6.994	1.1961	0.31208
<code>mean_GaitCycleDur</code>	61.39	1	61.39	10.499	0.0013763
<code>cond_char:mean_GaitCycleDur</code>	30.672	3	10.224	1.7485	0.15796
<code>Error</code>	1309.8	224	5.8474		
<code>Total</code>	1387.8	231			

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)	3.4379	0.71771	4.7901	3.0315e-06
<code>cond_char_0.5</code>	0.63703	1.374	0.46363	0.64337
<code>cond_char_0.75</code>	2.2878	1.8027	1.2691	0.20571
<code>cond_char_1.0</code>	0.3582	2.0776	0.17241	0.86327
<code>mean_GaitCycleDur</code>	-0.2774	0.29998	-0.92472	0.35611
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.53665	0.77903	-0.68887	0.49162
<code>cond_char_0.75:mean_GaitCycleDur</code>	-2.0491	1.283	-1.5971	0.11166
<code>cond_char_1.0:mean_GaitCycleDur</code>	-0.88429	1.6958	-0.52147	0.60255

Number of observations: 232, Error degrees of freedom: 224

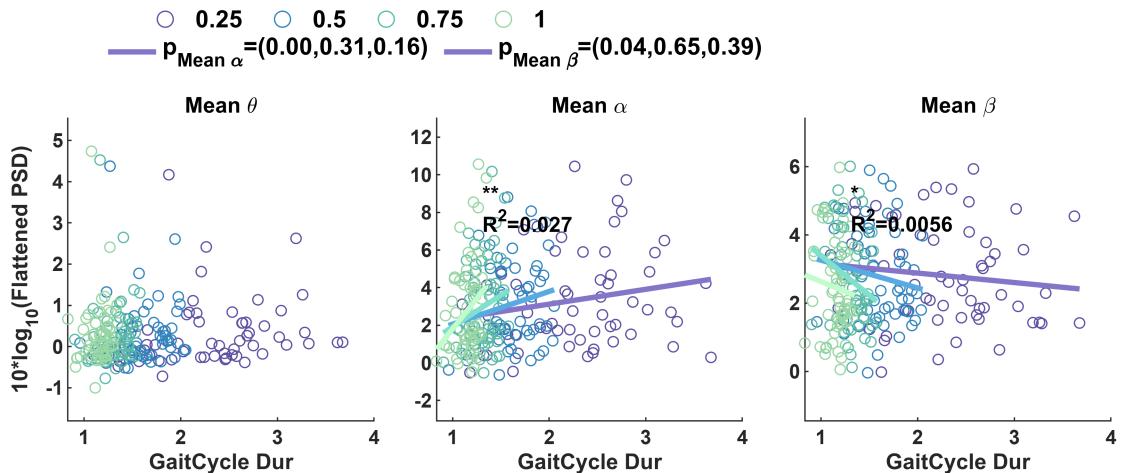
Root Mean Squared Error: 1.41

R-squared: 0.0358, Adjusted R-Squared: 0.00563

F-statistic vs. constant model: 1.19, p-value = 0.311

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.285	3	1.095	0.5512	0.64784
<code>mean_GaitCycleDur</code>	8.4194	1	8.4194	4.2381	0.040683
<code>cond_char:mean_GaitCycleDur</code>	6.0148	3	2.0049	1.0092	0.38945
<code>Error</code>	444.99	224	1.9866		
<code>Total</code>	461.5	231			

CL12: Cuneus_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)	0.39637	0.40306	0.98339	0.32647
cond_char_0.5	0.15089	0.6736	0.22401	0.82296
cond_char_0.75	0.19249	0.74036	0.26	0.79511
cond_char_1.0	0.18417	0.7396	0.24901	0.80358
mean_PeakUpDownVel_mean	-0.71696	3.4445	-0.20815	0.8353
cond_char_0.5:mean_PeakUpDownVel_mean	-0.55803	4.3768	-0.1275	0.89866
cond_char_0.75:mean_PeakUpDownVel_mean	-0.35005	4.0655	-0.086103	0.93146
cond_char_1.0:mean_PeakUpDownVel_mean	-0.013731	3.7755	-0.0036369	0.9971

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 0.815

R-squared: 0.00345, Adjusted R-Squared: -0.0277

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

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.073794	3	0.024598	0.037009	0.99045
mean_PeakUpDownVel_mean	0.36419	1	0.36419	0.54795	0.45993
cond_char:mean_PeakUpDownVel_mean	0.026641	3	0.0088805	0.013361	0.99788
Error	148.88	224	0.66464		
Total	149.4	231			

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)	5.4904	1.2104	4.536	9.3429e-06
cond_char_0.5	-0.019171	2.0228	-0.0094772	0.99245
cond_char_0.75	-1.4715	2.2233	-0.66186	0.50874
cond_char_1.0	-1.5715	2.221	-0.70754	0.47997
mean_PeakUpDownVel_mean	-18.814	10.344	-1.8189	0.070263

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	6.8028	13.144	0.51758	0.60526
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	15.155	12.209	1.2414	0.21577
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	16.128	11.338	1.4225	0.15626

Number of observations: 232, Error degrees of freedom: 224

Root Mean Squared Error: 2.45

R-squared: 0.0326, Adjusted R-Squared: 0.00234

F-statistic vs. constant model: 1.08, p-value = 0.379

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	5.1461	3	1.7154	0.28619	0.83535
<code>mean_PeakUpDownVel_mean</code>	35.037	1	35.037	5.8456	0.016416
<code>cond_char:mean_PeakUpDownVel_mean</code>	16.328	3	5.4427	0.90806	0.43789
<code>Error</code>	1342.6	224	5.9938		
<code>Total</code>	1387.8	231			

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)	3.5874	0.70001	5.1247	6.4292e-07
<code>cond_char_0.5</code>	0.13752	1.1699	0.11755	0.90653
<code>cond_char_0.75</code>	0.37288	1.2858	0.29	0.77209
<code>cond_char_1.0</code>	-0.89343	1.2845	-0.69555	0.48743
<code>mean_PeakUpDownVel_mean</code>	-7.0087	5.9822	-1.1716	0.24261
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	2.1085	7.6014	0.27738	0.78175
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	2.4227	7.0607	0.34312	0.73183
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	6.3792	6.557	0.97288	0.33166

Number of observations: 232, Error degrees of freedom: 224

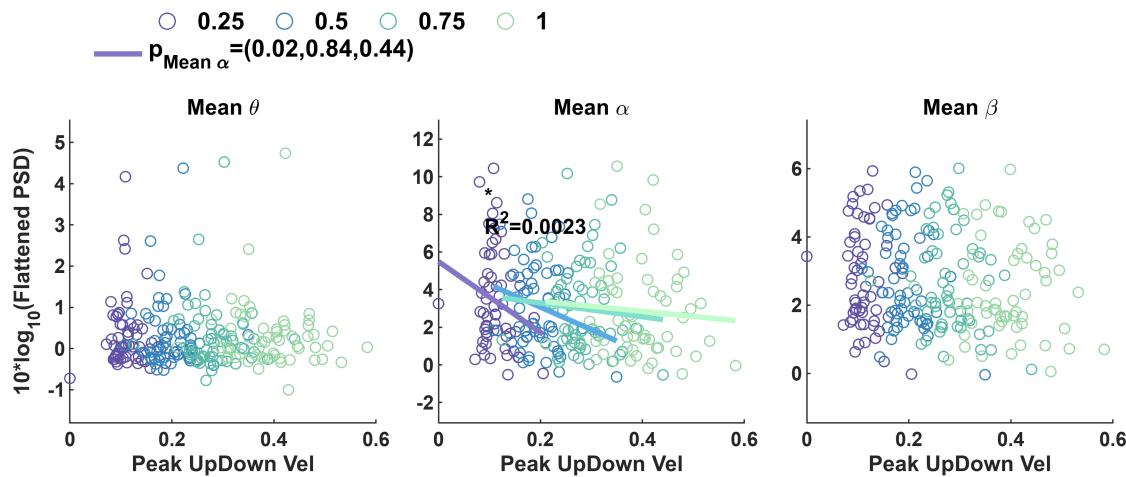
Root Mean Squared Error: 1.42

R-squared: 0.0269, Adjusted R-Squared: -0.00346

F-statistic vs. constant model: 0.886, p-value = 0.518

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.6272	3	0.5424	0.27056	0.84659
<code>mean_PeakUpDownVel_mean</code>	7.4363	1	7.4363	3.7093	0.055375
<code>cond_char:mean_PeakUpDownVel_mean</code>	3.1486	3	1.0495	0.52352	0.66654
<code>Error</code>	449.06	224	2.0048		
<code>Total</code>	461.5	231			

CL12: Cuneus_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)	0.30232	0.39161	0.77201	0.44112
cond_char_0.5	0.83439	0.64257	1.2985	0.19577
cond_char_0.75	1.5571	0.65724	2.3692	0.018885
cond_char_1.0	1.2367	0.63965	1.9334	0.054752
mean_APexc_COV	0.012141	0.016943	0.71662	0.47454
cond_char_0.5:mean_APexc_COV	-0.035033	0.030259	-1.1578	0.2485
cond_char_0.75:mean_APexc_COV	-0.070644	0.032357	-2.1833	0.03031
cond_char_1.0:mean_APexc_COV	-0.053944	0.031758	-1.6986	0.091122

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 0.905

R-squared: 0.0526, Adjusted R-Squared: 0.0157

F-statistic vs. constant model: 1.43, p-value = 0.197

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	5.6974	3	1.8991	2.3189	0.077021
mean_APexc_COV	4.2138	1	4.2138	5.1452	0.024499
cond_char:mean_APexc_COV	5.0217	3	1.6739	2.0439	0.10939
Error	147.42	180	0.81898		
Total	155.59	187			

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)	1.6924	0.55923	3.0262	0.0028391
cond_char_0.5	-0.34959	0.91762	-0.38097	0.70367
cond_char_0.75	0.40605	0.93856	0.43263	0.6658
cond_char_1.0	0.042919	0.91345	0.046986	0.96258
mean_APexc_COV	-0.027097	0.024195	-1.12	0.26422

cond_char_0.5:mean_APexc_COV	0.011452	0.043212	0.26501	0.7913
cond_char_0.75:mean_APexc_COV	-0.029737	0.046207	-0.64355	0.52068
cond_char_1.0:mean_APexc_COV	-0.011102	0.045352	-0.2448	0.80689

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 1.29

R-squared: 0.0249, Adjusted R-Squared: -0.013

F-statistic vs. constant model: 0.658, p-value = 0.708

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.87263	3	0.29088	0.17416	0.91377
mean_APexc_COV	6.4854	1	6.4854	3.8832	0.050306
cond_char:mean_APexc_COV	1.125	3	0.375	0.22453	0.87926
Error	300.63	180	1.6701		
Total	308.32	187			

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)	1.0817	0.40914	2.6439	0.0089197
cond_char_0.5	-0.34549	0.67135	-0.51463	0.60745
cond_char_0.75	-0.21033	0.68667	-0.30631	0.75972
cond_char_1.0	-0.31623	0.66829	-0.47319	0.63665
mean_APexc_COV	-0.0053797	0.017701	-0.30391	0.76154
cond_char_0.5:mean_APexc_COV	0.016843	0.031615	0.53277	0.59485
cond_char_0.75:mean_APexc_COV	0.007961	0.033806	0.23549	0.8141
cond_char_1.0:mean_APexc_COV	0.0086774	0.03318	0.26152	0.79399

Number of observations: 188, Error degrees of freedom: 180

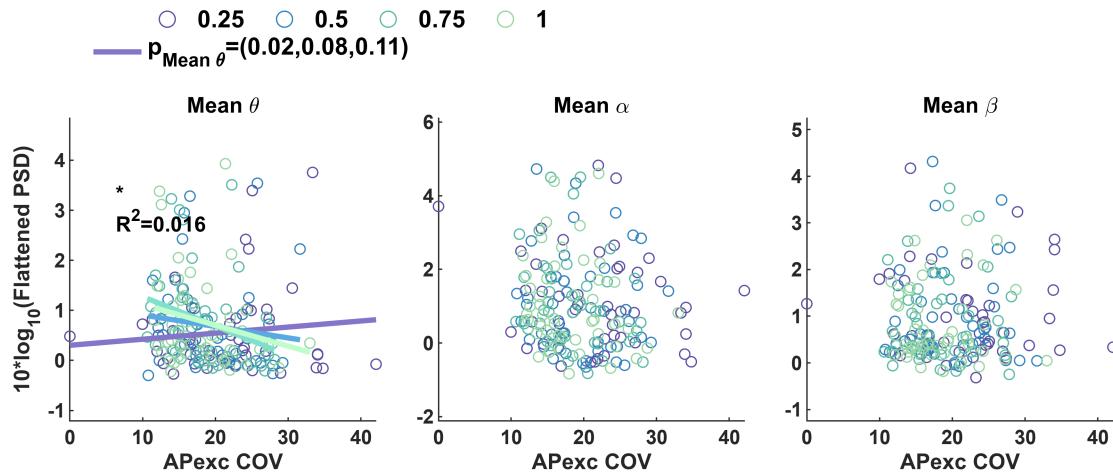
Root Mean Squared Error: 0.945

R-squared: 0.00535, Adjusted R-Squared: -0.0333

F-statistic vs. constant model: 0.138, p-value = 0.995

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.32106	3	0.10702	0.11972	0.94842
mean_APexc_COV	0.048895	1	0.048895	0.054695	0.81535
cond_char:mean_APexc_COV	0.26745	3	0.089149	0.099723	0.96008
Error	160.91	180	0.89397		
Total	161.78	187			

CL13: Cingulum_Mid_L



CL13) 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)	-0.19177	0.38391	-0.49952	0.61803
cond_char_0.5	0.46284	0.65952	0.70179	0.48372
cond_char_0.75	0.48571	0.79668	0.60967	0.54285
cond_char_1.0	0.60693	0.72345	0.83895	0.40261
mean_APexc_mean	12.95	6.1514	2.1052	0.036659
cond_char_0.5:mean_APexc_mean	-4.4567	12.254	-0.36368	0.71652
cond_char_0.75:mean_APexc_mean	-1.2219	17.808	-0.068614	0.94537
cond_char_1.0:mean_APexc_mean	-3.316	16.994	-0.19513	0.84551

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 0.911

R-squared: 0.0407, Adjusted R-Squared: 0.00335

F-statistic vs. constant model: 1.09, p-value = 0.372

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.84523	3	0.28174	0.33975	0.79661
mean_APexc_mean	2.2332	1	2.2332	2.693	0.10253
cond_char:mean_APexc_mean	0.12401	3	0.041336	0.049846	0.98524
Error	149.27	180	0.82927		
Total	155.59	187			

CL13) 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)	1.0912	0.54927	1.9866	0.048487
cond_char_0.5	-0.12788	0.94359	-0.13553	0.89234
cond_char_0.75	0.55317	1.1398	0.4853	0.62805
cond_char_1.0	-0.97387	1.0351	-0.94088	0.34803
mean_APexc_mean	0.19693	8.801	0.022376	0.98217

cond_char_0.5:mean_APexc_mean	1.2806	17.533	0.073042	0.94185
cond_char_0.75:mean_APexc_mean	-14.818	25.479	-0.58157	0.56158
cond_char_1.0:mean_APexc_mean	24.246	24.313	0.99722	0.32

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 1.3

R-squared: 0.00897, Adjusted R-Squared: -0.0296

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

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.4598	3	0.81994	0.48302	0.69449
mean_APexc_mean	0.16107	1	0.16107	0.094889	0.75841
cond_char:mean_APexc_mean	2.5482	3	0.84942	0.50039	0.68248
Error	305.55	180	1.6975		
Total	308.32	187			

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)	1.2193	0.39374	3.0967	0.00227
cond_char_0.5	-0.060376	0.6764	-0.08926	0.92897
cond_char_0.75	0.25383	0.81708	0.31066	0.75642
cond_char_1.0	0.76401	0.74197	1.0297	0.30453
mean_APexc_mean	-4.3488	6.3089	-0.68932	0.49151
cond_char_0.5:mean_APexc_mean	0.31564	12.568	0.025115	0.97999
cond_char_0.75:mean_APexc_mean	-9.1583	18.264	-0.50143	0.61668
cond_char_1.0:mean_APexc_mean	-26.292	17.429	-1.5085	0.13317

Number of observations: 188, Error degrees of freedom: 180

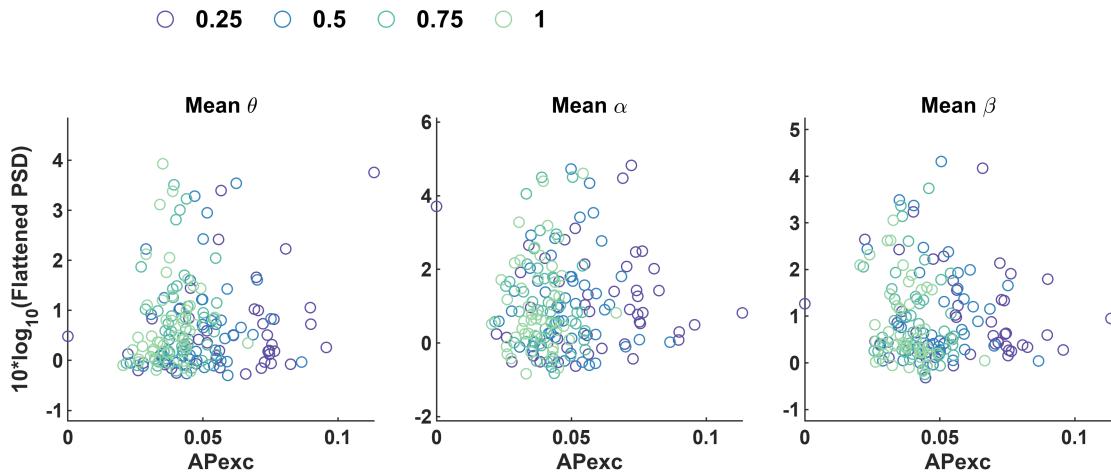
Root Mean Squared Error: 0.934

R-squared: 0.0295, Adjusted R-Squared: -0.00825

F-statistic vs. constant model: 0.781, p-value = 0.604

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1036	3	0.36785	0.42172	0.73765
mean_APexc_mean	3.3631	1	3.3631	3.8556	0.051122
cond_char:mean_APexc_mean	2.1831	3	0.7277	0.83426	0.47666
Error	157.01	180	0.87227		
Total	161.78	187			

CL13: Cingulum_Mid_L



CL13) 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)	0.41114	0.3226	1.2745	0.20415
cond_char_0.5	0.75684	0.52691	1.4364	0.15263
cond_char_0.75	1.3405	0.56323	2.3801	0.018355
cond_char_1.0	0.80891	0.58767	1.3765	0.17038
mean_MLexc_COV	0.013225	0.025043	0.5281	0.59808
cond_char_0.5:mean_MLexc_COV	-0.051495	0.040211	-1.2806	0.20198
cond_char_0.75:mean_MLexc_COV	-0.081536	0.039801	-2.0486	0.041951
cond_char_1.0:mean_MLexc_COV	-0.039189	0.037463	-1.0461	0.29692

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 0.907

R-squared: 0.0487, Adjusted R-Squared: 0.0117

F-statistic vs. constant model: 1.32, p-value = 0.245

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	5.2162	3	1.7387	2.1144	0.10001
mean_MLexc_COV	3.4947	1	3.4947	4.2497	0.040695
cond_char:mean_MLexc_COV	3.675	3	1.225	1.4897	0.21893
Error	148.02	180	0.82234		
Total	155.59	187			

CL13) 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)	1.7796	0.45986	3.8698	0.00015217
cond_char_0.5	-0.79534	0.7511	-1.0589	0.29106
cond_char_0.75	0.11422	0.80287	0.14226	0.88703
cond_char_1.0	-0.68783	0.8377	-0.8211	0.41268
mean_MLexc_COV	-0.057609	0.035698	-1.6138	0.10832

<code>cond_char_0.5:mean_MLexc_COV</code>	0.061709	0.057319	1.0766	0.28311
<code>cond_char_0.75:mean_MLexc_COV</code>	-0.0017665	0.056735	-0.031136	0.9752
<code>cond_char_1.0:mean_MLexc_COV</code>	0.054618	0.053402	1.0228	0.30779

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 1.29

R-squared: 0.0245, Adjusted R-Squared: -0.0135

F-statistic vs. constant model: 0.645, p-value = 0.718

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.0437	3	1.0146	0.60718	0.61116
<code>mean_MLexc_COV</code>	3.2959	1	3.2959	1.9724	0.16191
<code>cond_char:mean_MLexc_COV</code>	3.4749	3	1.1583	0.69319	0.55732
<code>Error</code>	300.77	180	1.671		
<code>Total</code>	308.32	187			

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)	1.2578	0.33534	3.7508	0.00023752
<code>cond_char_0.5</code>	-0.021506	0.54771	-0.039266	0.96872
<code>cond_char_0.75</code>	-0.24794	0.58547	-0.42349	0.67245
<code>cond_char_1.0</code>	-0.42299	0.61086	-0.69244	0.48955
<code>mean_MLexc_COV</code>	-0.024948	0.026032	-0.95838	0.33916
<code>cond_char_0.5:mean_MLexc_COV</code>	0.0030433	0.041798	0.07281	0.94204
<code>cond_char_0.75:mean_MLexc_COV</code>	0.018612	0.041372	0.44987	0.65335
<code>cond_char_1.0:mean_MLexc_COV</code>	0.024397	0.038942	0.62649	0.53178

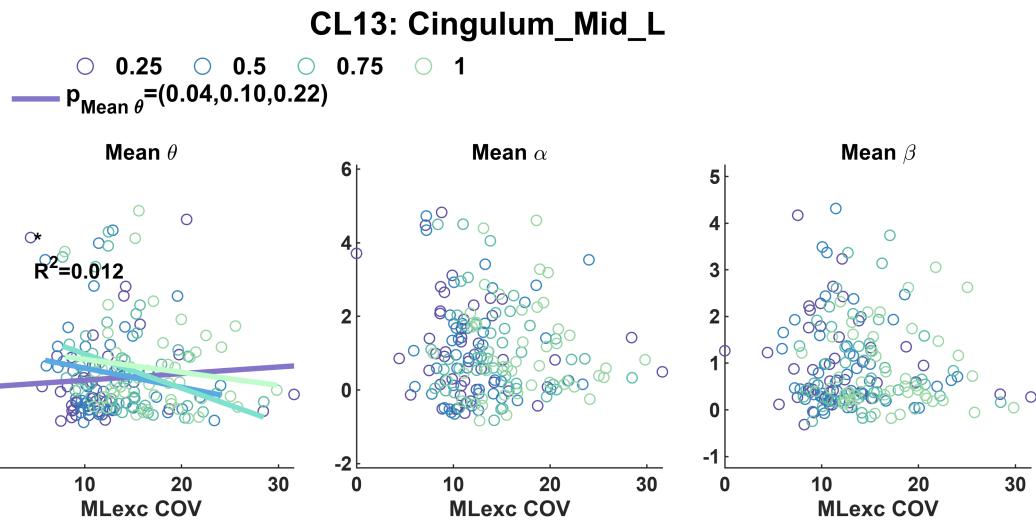
Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 0.943

R-squared: 0.0114, Adjusted R-Squared: -0.0271

F-statistic vs. constant model: 0.296, p-value = 0.955

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.53515	3	0.17838	0.20076	0.89576
<code>mean_MLexc_COV</code>	0.70889	1	0.70889	0.79781	0.37294
<code>cond_char:mean_MLexc_COV</code>	0.45114	3	0.15038	0.16924	0.91704
<code>Error</code>	159.94	180	0.88854		
<code>Total</code>	161.78	187			



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)	-0.15428	0.47576	-0.32429	0.7461
cond_char_0.5	-0.16985	0.72763	-0.23343	0.81569
cond_char_0.75	-0.010368	0.76001	-0.013642	0.98913
cond_char_1.0	0.60903	0.82248	0.74047	0.45998
mean_MLexc_mean	6.2759	3.9802	1.5768	0.11661
cond_char_0.5:mean_MLexc_mean	4.7123	7.0397	0.6694	0.5041
cond_char_0.75:mean_MLexc_mean	7.052	9.1124	0.77389	0.44001
cond_char_1.0:mean_MLexc_mean	-0.33658	12.682	-0.02654	0.97886

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 0.903

R-squared: 0.056, Adjusted R-Squared: 0.0193

F-statistic vs. constant model: 1.52, p-value = 0.161

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.71317	3	0.23772	0.29132	0.83163
mean_MLexc_mean	4.1606	1	4.1606	5.0987	0.025145
cond_char:mean_MLexc_mean	0.72353	3	0.24118	0.29555	0.82858
Error	146.88	180	0.81602		
Total	155.59	187			

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)	1.5188	0.68727	2.21	0.02837
cond_char_0.5	0.07136	1.0511	0.06789	0.94595
cond_char_0.75	-0.53048	1.0979	-0.48318	0.62955
cond_char_1.0	-0.25285	1.1881	-0.21281	0.83172
mean_MLexc_mean	-3.6232	5.7498	-0.63015	0.5294

cond_char_0.5:mean_MLexc_mean	-2.3999	10.169	-0.236	0.8137
cond_char_0.75:mean_MLexc_mean	4.4234	13.164	0.33604	0.73723
cond_char_1.0:mean_MLexc_mean	-0.49584	18.32	-0.027065	0.97844

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 1.3

R-squared: 0.00582, Adjusted R-Squared: -0.0328

F-statistic vs. constant model: 0.151, p-value = 0.994

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.5681	3	0.18937	0.1112	0.95347
mean_MLexc_mean	0.52407	1	0.52407	0.30775	0.57975
cond_char:mean_MLexc_mean	0.37787	3	0.12596	0.073966	0.9739
Error	306.52	180	1.7029		
Total	308.32	187			

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)	1.6194	0.48752	3.3218	0.0010832
cond_char_0.5	0.049931	0.74562	0.066967	0.94668
cond_char_0.75	0.0074053	0.7788	0.0095086	0.99242
cond_char_1.0	0.38484	0.84282	0.45661	0.6485
mean_MLexc_mean	-5.701	4.0786	-1.3978	0.1639
cond_char_0.5:mean_MLexc_mean	-1.9914	7.2138	-0.27606	0.78282
cond_char_0.75:mean_MLexc_mean	-4.3368	9.3377	-0.46445	0.64289
cond_char_1.0:mean_MLexc_mean	-15.877	12.996	-1.2217	0.22342

Number of observations: 188, Error degrees of freedom: 180

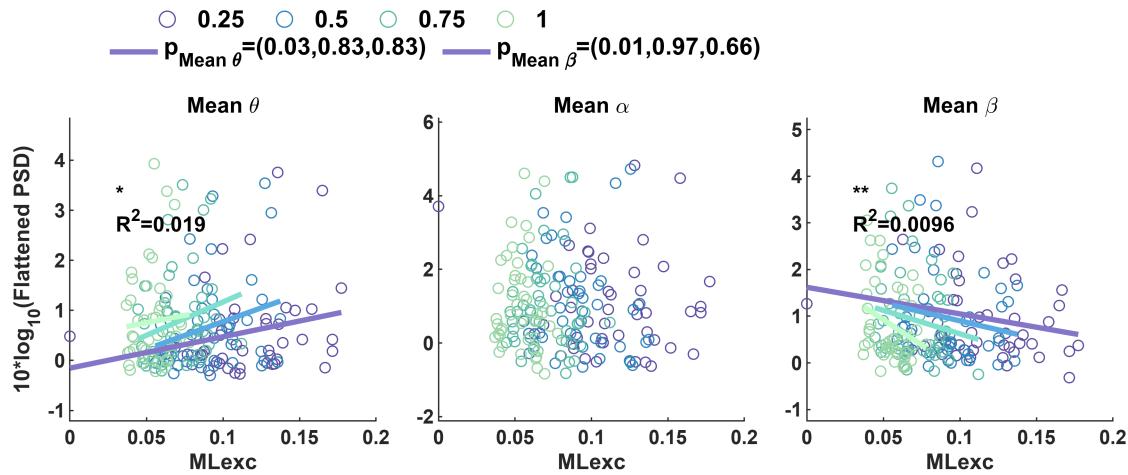
Root Mean Squared Error: 0.926

R-squared: 0.0466, Adjusted R-Squared: 0.00955

F-statistic vs. constant model: 1.26, p-value = 0.274

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.2062	3	0.068732	0.080213	0.97069
mean_MLexc_mean	6.3158	1	6.3158	7.3708	0.0072746
cond_char:mean_MLexc_mean	1.356	3	0.452	0.5275	0.66395
Error	154.24	180	0.85687		
Total	161.78	187			

CL13: Cingulum_Mid_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)	-0.29768	0.52457	-0.56747	0.5711
cond_char_0.5	-0.54031	1.0257	-0.5268	0.59898
cond_char_0.75	-2.1449	1.4399	-1.4896	0.13808
cond_char_1.0	-1.4504	1.6151	-0.89803	0.37037
mean_StepDur	0.75689	0.44513	1.7004	0.090784
cond_char_0.5:mean_StepDur	1.1431	1.1735	0.9741	0.33131
cond_char_0.75:mean_StepDur	4.0813	2.0557	1.9853	0.048626
cond_char_1.0:mean_StepDur	3.5607	2.6379	1.3498	0.17878

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 0.89

R-squared: 0.083, Adjusted R-Squared: 0.0473

F-statistic vs. constant model: 2.33, p-value = 0.0269

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.195	3	0.73167	0.92305	0.43085
mean_StepDur	9.0918	1	9.0918	11.47	0.00086858
cond_char:mean_StepDur	4.8496	3	1.6165	2.0394	0.11001
Error	142.68	180	0.79266		
Total	155.59	187			

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)	0.42378	0.76424	0.55452	0.57991
cond_char_0.5	-0.20615	1.4943	-0.13796	0.89043
cond_char_0.75	-0.16942	2.0978	-0.080761	0.93572
cond_char_1.0	-2.318	2.353	-0.98515	0.32587
mean_StepDur	0.59461	0.6485	0.9169	0.36042

<code>cond_char_0.5:mean_StepDur</code>	0.42435	1.7096	0.24821	0.80425
<code>cond_char_0.75:mean_StepDur</code>	0.59396	2.995	0.19832	0.84302
<code>cond_char_1.0:mean_StepDur</code>	4.4199	3.8432	1.1501	0.25165

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 1.3

R-squared: 0.0178, Adjusted R-Squared: -0.0204

F-statistic vs. constant model: 0.465, p-value = 0.859

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.6357	3	0.54524	0.32408	0.80795
<code>mean_StepDur</code>	3.981	1	3.981	2.3662	0.12574
<code>cond_char:mean_StepDur</code>	2.3111	3	0.77036	0.45788	0.71206
<code>Error</code>	302.84	180	1.6824		
<code>Total</code>	308.32	187			

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)	1.2138	0.54764	2.2164	0.027918
<code>cond_char_0.5</code>	0.23748	1.0707	0.22179	0.82473
<code>cond_char_0.75</code>	1.4372	1.5032	0.95609	0.34031
<code>cond_char_1.0</code>	2.9917	1.6861	1.7743	0.077699
<code>mean_StepDur</code>	-0.21818	0.4647	-0.46952	0.63927
<code>cond_char_0.5:mean_StepDur</code>	-0.39218	1.2251	-0.32013	0.74924
<code>cond_char_0.75:mean_StepDur</code>	-2.3859	2.1461	-1.1117	0.26774
<code>cond_char_1.0:mean_StepDur</code>	-5.5562	2.7539	-2.0175	0.045125

Number of observations: 188, Error degrees of freedom: 180

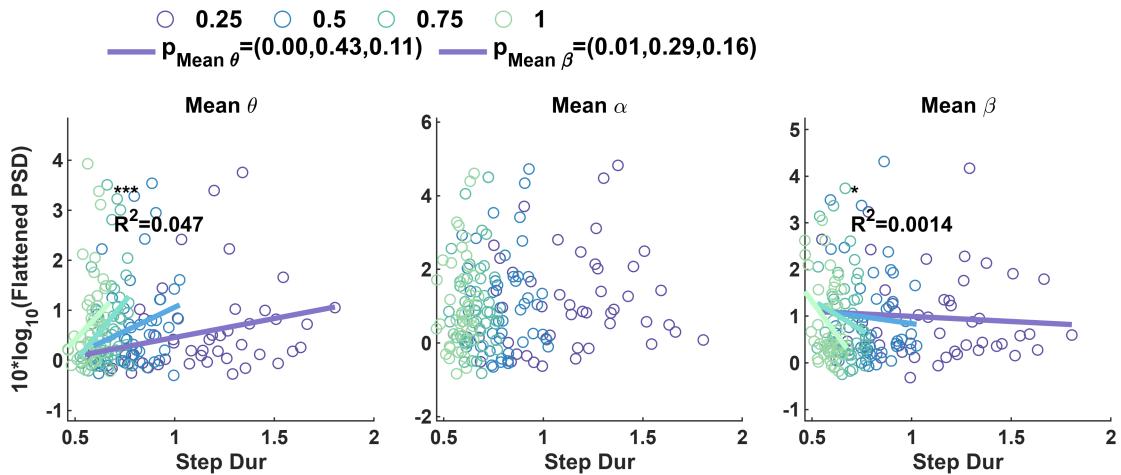
Root Mean Squared Error: 0.929

R-squared: 0.0388, Adjusted R-Squared: 0.00142

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

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.2438	3	1.0813	1.2516	0.29255
<code>mean_StepDur</code>	5.5232	1	5.5232	6.3933	0.012314
<code>cond_char:mean_StepDur</code>	4.4588	3	1.4863	1.7204	0.16443
<code>Error</code>	155.5	180	0.8639		
<code>Total</code>	161.78	187			

CL13: Cingulum_Mid_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)	0.67901	0.51266	1.3245	0.18702
cond_char_0.5	0.5868	0.86806	0.67599	0.49992
cond_char_0.75	0.92306	0.79475	1.1615	0.24699
cond_char_1.0	-0.22328	0.77679	-0.28744	0.77411
mean_UDexc_COV	-0.0057247	0.025186	-0.2273	0.82045
cond_char_0.5:mean_UDexc_COV	-0.035697	0.05531	-0.64539	0.5195
cond_char_0.75:mean_UDexc_COV	-0.076234	0.063867	-1.1936	0.23419
cond_char_1.0:mean_UDexc_COV	0.047022	0.076764	0.61255	0.54095

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 0.918

R-squared: 0.0254, Adjusted R-Squared: -0.0125

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

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.9817	3	0.66058	0.78415	0.50421
mean_UDexc_COV	0.55221	1	0.55221	0.6555	0.41922
cond_char:mean_UDexc_COV	1.9525	3	0.65082	0.77256	0.51075
Error	151.64	180	0.84242		
Total	155.59	187			

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)	2.9628	0.6946	4.2656	3.2166e-05
cond_char_0.5	-0.22809	1.1761	-0.19393	0.84645
cond_char_0.75	-0.84653	1.0768	-0.78615	0.43281
cond_char_1.0	0.036039	1.0525	0.034242	0.97272
mean_UDexc_COV	-0.094672	0.034125	-2.7743	0.0061157

cond_char_0.5:mean_UDexc_COV	-0.027008	0.07494	-0.36039	0.71897
cond_char_0.75:mean_UDexc_COV	-0.011498	0.086533	-0.13287	0.89444
cond_char_1.0:mean_UDexc_COV	-0.15528	0.10401	-1.493	0.1372

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 1.24

R-squared: 0.0971, Adjusted R-Squared: 0.062

F-statistic vs. constant model: 2.77, p-value = 0.00937

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.2129	3	0.40429	0.26143	0.85311
mean_UDexc_COV	23.472	1	23.472	15.178	0.00013784
cond_char:mean_UDexc_COV	3.4879	3	1.1626	0.75179	0.52264
Error	278.37	180	1.5465		
Total	308.32	187			

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
(Intercept)	1.7332	0.52202	3.3202	0.001089
cond_char_0.5	0.038572	0.88392	0.043638	0.96524
cond_char_0.75	-0.35735	0.80927	-0.44157	0.65933
cond_char_1.0	-0.5936	0.79098	-0.75046	0.45396
mean_UDexc_COV	-0.039116	0.025646	-1.5252	0.12896
cond_char_0.5:mean_UDexc_COV	-0.018935	0.056321	-0.33619	0.73712
cond_char_0.75:mean_UDexc_COV	-0.0061269	0.065033	-0.094212	0.92505
cond_char_1.0:mean_UDexc_COV	-0.00099341	0.078167	-0.012709	0.98987

Number of observations: 188, Error degrees of freedom: 180

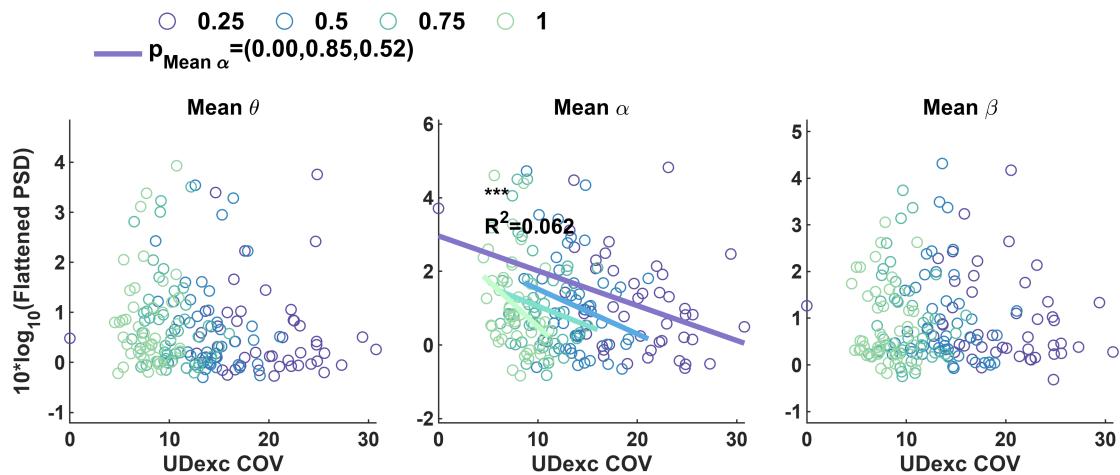
Root Mean Squared Error: 0.935

R-squared: 0.0281, Adjusted R-Squared: -0.00965

F-statistic vs. constant model: 0.745, p-value = 0.634

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.65743	3	0.21914	0.25088	0.86063
mean_UDexc_COV	2.3859	1	2.3859	2.7314	0.10013
cond_char:mean_UDexc_COV	0.10129	3	0.033762	0.038652	0.98982
Error	157.23	180	0.87348		
Total	161.78	187			

CL13: Cingulum_Mid_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)	0.9956	0.38405	2.5924	0.010314
cond_char_0.5	-0.11023	0.74579	-0.1478	0.88266
cond_char_0.75	0.035408	0.86589	0.040893	0.96743
cond_char_1.0	0.27034	0.83154	0.32511	0.74547
mean_UDexc_mean	-29.035	24.349	-1.1924	0.23466
cond_char_0.5:mean_UDexc_mean	19.287	39.249	0.4914	0.62374
cond_char_0.75:mean_UDexc_mean	19.818	36.736	0.53947	0.59023
cond_char_1.0:mean_UDexc_mean	15.575	31.545	0.49374	0.62209

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 0.92

R-squared: 0.0204, Adjusted R-Squared: -0.0177

F-statistic vs. constant model: 0.534, p-value = 0.808

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.13527	3	0.045089	0.053245	0.98376
mean_UDexc_mean	1.185	1	1.185	1.3994	0.23839
cond_char:mean_UDexc_mean	0.34269	3	0.11423	0.13489	0.93914
Error	152.43	180	0.84681		
Total	155.59	187			

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)	1.7913	0.54225	3.3035	0.001152
cond_char_0.5	-0.42605	1.053	-0.4046	0.68625
cond_char_0.75	-1.0173	1.2226	-0.83206	0.40648
cond_char_1.0	-1.4809	1.1741	-1.2613	0.20883
mean_UDexc_mean	-46.599	34.38	-1.3554	0.17699

<code>cond_char_0.5:mean_UDexc_mean</code>	30.369	55.417	0.548	0.58437
<code>cond_char_0.75:mean_UDexc_mean</code>	56.341	51.869	1.0862	0.27884
<code>cond_char_1.0:mean_UDexc_mean</code>	66.801	44.54	1.4998	0.13542

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 1.3

R-squared: 0.0144, Adjusted R-Squared: -0.0239

F-statistic vs. constant model: 0.376, p-value = 0.916

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.2657	3	1.0886	0.64482	0.58718
<code>mean_UDexc_mean</code>	0.33924	1	0.33924	0.20095	0.6545
<code>cond_char:mean_UDexc_mean</code>	4.1647	3	1.3882	0.82232	0.48311
<code>Error</code>	303.87	180	1.6882		
<code>Total</code>	308.32	187			

CL13) 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)	1.5357	0.38562	3.9824	9.8891e-05
<code>cond_char_0.5</code>	0.40031	0.74885	0.53457	0.59361
<code>cond_char_0.75</code>	0.35465	0.86944	0.4079	0.68383
<code>cond_char_1.0</code>	0.38956	0.83495	0.46657	0.64137
<code>mean_UDexc_mean</code>	-38.644	24.449	-1.5806	0.11573
<code>cond_char_0.5:mean_UDexc_mean</code>	-9.3641	39.41	-0.23761	0.81246
<code>cond_char_0.75:mean_UDexc_mean</code>	3.6961	36.887	0.1002	0.9203
<code>cond_char_1.0:mean_UDexc_mean</code>	8.2283	31.675	0.25977	0.79534

Number of observations: 188, Error degrees of freedom: 180

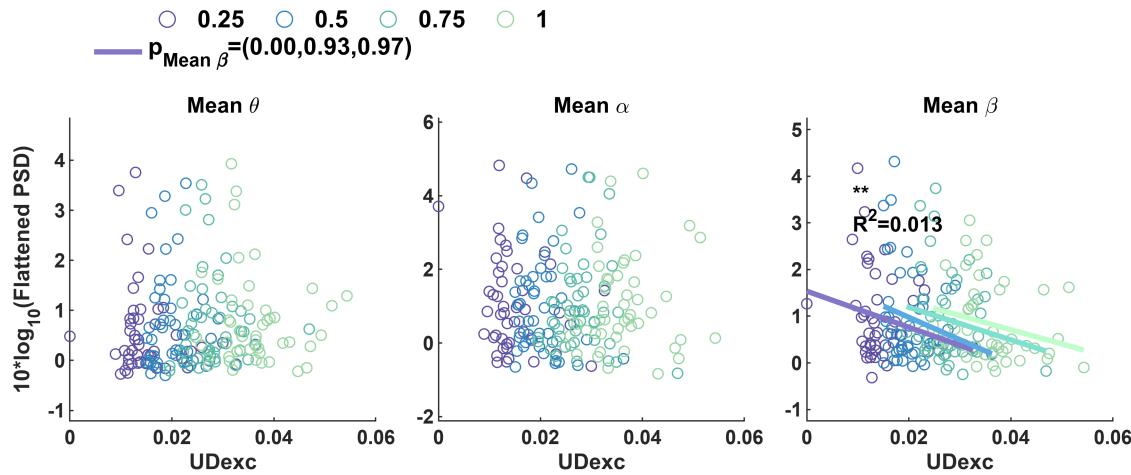
Root Mean Squared Error: 0.924

R-squared: 0.0501, Adjusted R-Squared: 0.0131

F-statistic vs. constant model: 1.36, p-value = 0.227

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.39783	3	0.13261	0.15532	0.92615
<code>mean_UDexc_mean</code>	7.2494	1	7.2494	8.491	0.004022
<code>cond_char:mean_UDexc_mean</code>	0.20529	3	0.06843	0.080149	0.97072
<code>Error</code>	153.68	180	0.85378		
<code>Total</code>	161.78	187			

CL13: Cingulum_Mid_L



CL13) 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)	-0.24011	0.5035	-0.47689	0.63402
cond_char_0.5	-0.39766	0.99992	-0.39769	0.69133
cond_char_0.75	-1.8761	1.4827	-1.2653	0.2074
cond_char_1.0	-1.122	1.6679	-0.67268	0.50201
mean_StanceDur	0.48033	0.2895	1.6592	0.098822
cond_char_0.5:mean_StanceDur	0.75154	0.84492	0.88947	0.37494
cond_char_0.75:mean_StanceDur	2.9059	1.6518	1.7592	0.080236
cond_char_1.0:mean_StanceDur	2.4333	2.1756	1.1184	0.26487

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 0.898

R-squared: 0.0677, Adjusted R-Squared: 0.0314

F-statistic vs. constant model: 1.87, p-value = 0.0775

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.5402	3	0.5134	0.63703	0.59208
mean_StanceDur	6.4603	1	6.4603	8.0161	0.0051642
cond_char:mean_StanceDur	3.8695	3	1.2898	1.6005	0.19092
Error	145.07	180	0.80592		
Total	155.59	187			

CL13) 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)	0.38816	0.72655	0.53425	0.59383
cond_char_0.5	-0.29238	1.4429	-0.20264	0.83965
cond_char_0.75	-0.084945	2.1395	-0.039702	0.96837
cond_char_1.0	-2.4877	2.4068	-1.0336	0.30272
mean_StanceDur	0.42549	0.41775	1.0185	0.3098

<code>cond_char_0.5:mean_StanceDur</code>	0.44825	1.2192	0.36765	0.71357
<code>cond_char_0.75:mean_StanceDur</code>	0.44308	2.3835	0.18589	0.85274
<code>cond_char_1.0:mean_StanceDur</code>	3.8476	3.1394	1.2256	0.22196

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 1.3

R-squared: 0.0203, Adjusted R-Squared: -0.0178

F-statistic vs. constant model: 0.532, p-value = 0.809

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.8057	3	0.6019	0.35867	0.78293
<code>mean_StanceDur</code>	4.175	1	4.175	2.4879	0.11648
<code>cond_char:mean_StanceDur</code>	2.7166	3	0.90553	0.5396	0.65576
<code>Error</code>	302.07	180	1.6781		
<code>Total</code>	308.32	187			

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)	1.1007	0.51958	2.1185	0.035505
<code>cond_char_0.5</code>	0.2016	1.0319	0.19537	0.84532
<code>cond_char_0.75</code>	1.8333	1.5301	1.1982	0.23243
<code>cond_char_1.0</code>	3.5991	1.7212	2.091	0.037931
<code>mean_StanceDur</code>	-0.081029	0.29875	-0.27123	0.78653
<code>cond_char_0.5:mean_StanceDur</code>	-0.23606	0.87191	-0.27074	0.7869
<code>cond_char_0.75:mean_StanceDur</code>	-2.2788	1.7046	-1.3369	0.18295
<code>cond_char_1.0:mean_StanceDur</code>	-5.1907	2.2451	-2.312	0.02191

Number of observations: 188, Error degrees of freedom: 180

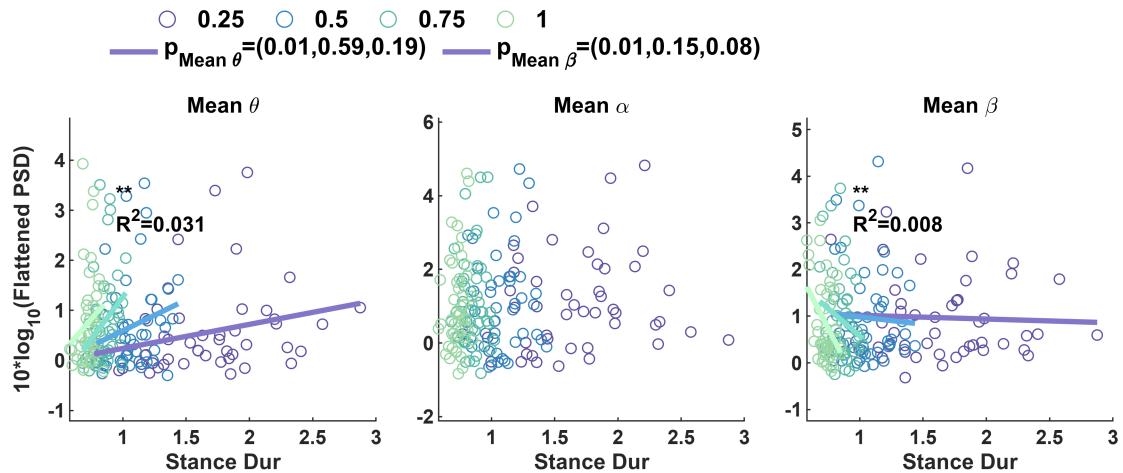
Root Mean Squared Error: 0.926

R-squared: 0.0451, Adjusted R-Squared: 0.00798

F-statistic vs. constant model: 1.21, p-value = 0.297

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.6611	3	1.5537	1.8104	0.1469
<code>mean_StanceDur</code>	6.4888	1	6.4888	7.5607	0.0065744
<code>cond_char:mean_StanceDur</code>	6.0079	3	2.0026	2.3334	0.075602
<code>Error</code>	154.48	180	0.85823		
<code>Total</code>	161.78	187			

CL13: Cingulum_Mid_L



CL13) 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)	-0.29079	0.52423	-0.55471	0.57978
cond_char_0.5	-0.53663	1.0243	-0.52392	0.60098
cond_char_0.75	-2.166	1.4444	-1.4996	0.13548
cond_char_1.0	-1.4101	1.6095	-0.87612	0.38213
mean_GaitCycleDur	0.37488	0.22208	1.6881	0.09313
cond_char_0.5:mean_GaitCycleDur	0.56829	0.58561	0.97043	0.33313
cond_char_0.75:mean_GaitCycleDur	2.0546	1.0313	1.9922	0.047858
cond_char_1.0:mean_GaitCycleDur	1.743	1.3136	1.3269	0.18623

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 0.891

R-squared: 0.0823, Adjusted R-Squared: 0.0466

F-statistic vs. constant model: 2.31, p-value = 0.0283

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.1939	3	0.73128	0.92186	0.43144
mean_GaitCycleDur	8.9965	1	8.9965	11.341	0.00092709
cond_char:mean_GaitCycleDur	4.8265	3	1.6088	2.0281	0.1116
Error	142.79	180	0.79327		
Total	155.59	187			

CL13) 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)	0.42949	0.76345	0.56257	0.57443
cond_char_0.5	-0.20776	1.4917	-0.13928	0.88939
cond_char_0.75	-0.18166	2.1035	-0.086359	0.93128
cond_char_1.0	-2.3225	2.3439	-0.99088	0.32307
mean_GaitCycleDur	0.29437	0.32342	0.9102	0.36394

<code>cond_char_0.5:mean_GaitCycleDur</code>	0.21242	0.85284	0.24908	0.80359
<code>cond_char_0.75:mean_GaitCycleDur</code>	0.30473	1.5019	0.2029	0.83944
<code>cond_char_1.0:mean_GaitCycleDur</code>	2.2111	1.9131	1.1558	0.24929

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 1.3

R-squared: 0.0178, Adjusted R-Squared: -0.0204

F-statistic vs. constant model: 0.465, p-value = 0.859

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	1.6543	3	0.55142	0.32775	0.80529
<code>mean_GaitCycleDur</code>	3.9893	1	3.9893	2.3711	0.12535
<code>cond_char:mean_GaitCycleDur</code>	2.3358	3	0.77861	0.46279	0.70862
<code>Error</code>	302.84	180	1.6824		
<code>Total</code>	308.32	187			

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)	1.2147	0.547	2.2206	0.027625
<code>cond_char_0.5</code>	0.23824	1.0688	0.22291	0.82386
<code>cond_char_0.75</code>	1.446	1.5072	0.95944	0.33862
<code>cond_char_1.0</code>	2.9885	1.6794	1.7795	0.076844
<code>mean_GaitCycleDur</code>	-0.10933	0.23173	-0.4718	0.63764
<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.19681	0.61105	-0.32209	0.74776
<code>cond_char_0.75:mean_GaitCycleDur</code>	-1.1998	1.0761	-1.115	0.26633
<code>cond_char_1.0:mean_GaitCycleDur</code>	-2.7751	1.3707	-2.0246	0.044387

Number of observations: 188, Error degrees of freedom: 180

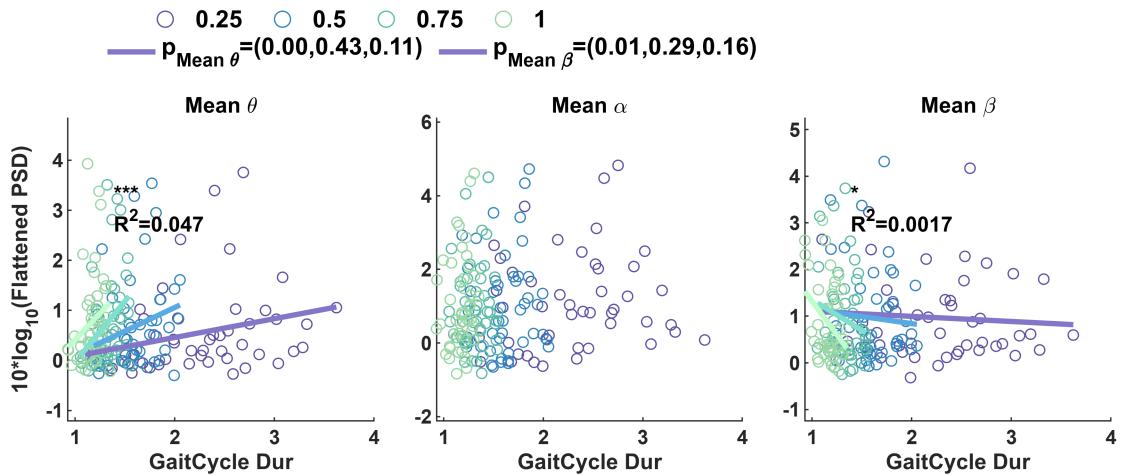
Root Mean Squared Error: 0.929

R-squared: 0.039, Adjusted R-Squared: 0.00167

F-statistic vs. constant model: 1.04, p-value = 0.402

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.2631	3	1.0877	1.2593	0.28984
<code>mean_GaitCycleDur</code>	5.5553	1	5.5553	6.4321	0.012058
<code>cond_char:mean_GaitCycleDur</code>	4.4885	3	1.4962	1.7323	0.16201
<code>Error</code>	155.46	180	0.86369		
<code>Total</code>	161.78	187			

CL13: Cingulum_Mid_L



CL13) 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)	1.0753	0.41369	2.5993	0.010116
cond_char_0.5	0.39853	0.80675	0.49399	0.62191
cond_char_0.75	0.856	0.91022	0.94044	0.34825
cond_char_1.0	0.75764	0.85046	0.89086	0.37419
mean_PeakUpDownVel_mean	-4.3291	3.3349	-1.2981	0.19591
cond_char_0.5:mean_PeakUpDownVel_mean	0.42	4.7478	0.088462	0.92961
cond_char_0.75:mean_PeakUpDownVel_mean	0.43398	4.2872	0.10123	0.91948
cond_char_1.0:mean_PeakUpDownVel_mean	1.753	3.7838	0.46328	0.64372

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 0.908

R-squared: 0.0471, Adjusted R-Squared: 0.01

F-statistic vs. constant model: 1.27, p-value = 0.267

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.1485	3	0.38283	0.46476	0.70723
mean_PeakUpDownVel_mean	5.4015	1	5.4015	6.5575	0.011265
cond_char:mean_PeakUpDownVel_mean	0.28045	3	0.093485	0.11349	0.95212
Error	148.27	180	0.82371		
Total	155.59	187			

CL13) 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)	2.0207	0.58858	3.4333	0.00074006
cond_char_0.5	-0.11797	1.1478	-0.10278	0.91825
cond_char_0.75	0.31172	1.295	0.24071	0.81005
cond_char_1.0	-0.79129	1.21	-0.65396	0.51397
mean_PeakUpDownVel_mean	-7.8115	4.7448	-1.6463	0.10144

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	3.5014	6.755	0.51835	0.60485
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	3.4742	6.0997	0.56957	0.56968
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	7.3506	5.3834	1.3654	0.17382

Number of observations: 188, Error degrees of freedom: 180

Root Mean Squared Error: 1.29

R-squared: 0.0266, Adjusted R-Squared: -0.0113

F-statistic vs. constant model: 0.701, p-value = 0.671

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.97357	3	0.32452	0.19463	0.89996
<code>mean_PeakUpDownVel_mean</code>	7.1465	1	7.1465	4.2861	0.039853
<code>cond_char:mean_PeakUpDownVel_mean</code>	3.6981	3	1.2327	0.7393	0.52989
<code>Error</code>	300.13	180	1.6674		
<code>Total</code>	308.32	187			

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)	1.3288	0.42639	3.1164	0.0021311
<code>cond_char_0.5</code>	0.51486	0.8315	0.61919	0.53657
<code>cond_char_0.75</code>	0.65664	0.93815	0.69993	0.48487
<code>cond_char_1.0</code>	-0.22764	0.87656	-0.2597	0.79539
<code>mean_PeakUpDownVel_mean</code>	-3.0984	3.4373	-0.90143	0.36857
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	-1.2881	4.8935	-0.26322	0.79268
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	-0.49278	4.4188	-0.11152	0.91133
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	2.4243	3.8999	0.62164	0.53496

Number of observations: 188, Error degrees of freedom: 180

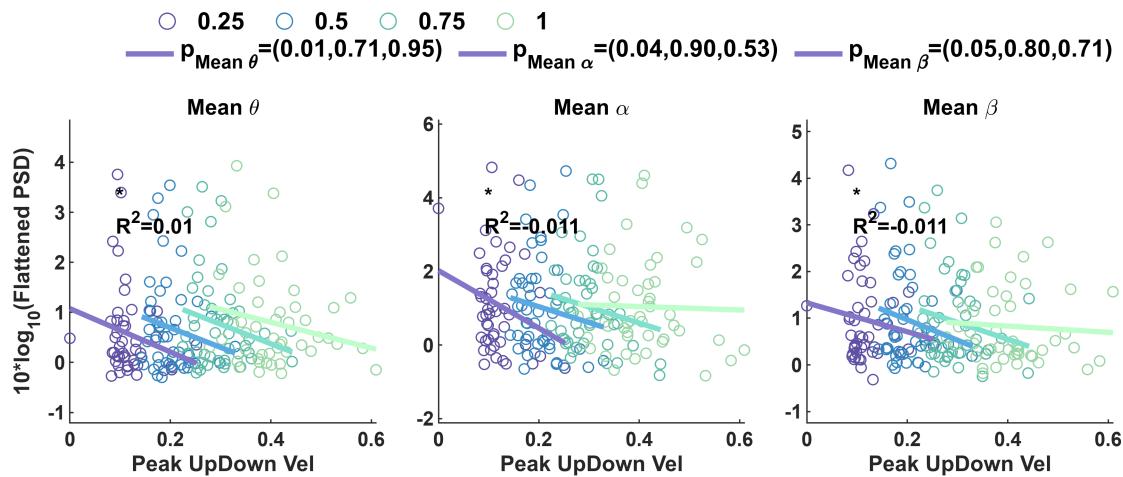
Root Mean Squared Error: 0.935

R-squared: 0.0264, Adjusted R-Squared: -0.0115

F-statistic vs. constant model: 0.697, p-value = 0.674

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.87123	3	0.29041	0.33188	0.80231
<code>mean_PeakUpDownVel_mean</code>	3.4467	1	3.4467	3.9389	0.0487
<code>cond_char:mean_PeakUpDownVel_mean</code>	1.2242	3	0.40807	0.46634	0.70613
<code>Error</code>	157.51	180	0.87504		
<code>Total</code>	161.78	187			

CL13: Cingulum_Mid_L



CL14) 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)	0.71678	0.38162	1.8782	0.061695
cond_char_0.5	-0.0084055	0.64437	-0.013045	0.9896
cond_char_0.75	0.75548	0.68825	1.0977	0.27356
cond_char_1.0	0.71395	0.58907	1.212	0.22684
mean_APexc_COV	-0.0046272	0.015854	-0.29186	0.77067
cond_char_0.5:mean_APexc_COV	-0.0021084	0.029148	-0.072333	0.9424
cond_char_0.75:mean_APexc_COV	-0.034645	0.032642	-1.0614	0.2897
cond_char_1.0:mean_APexc_COV	-0.029825	0.02726	-1.0941	0.27513

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.05

R-squared: 0.0257, Adjusted R-Squared: -0.00588

F-statistic vs. constant model: 0.814, p-value = 0.577

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	2.6945	3	0.89818	0.81703	0.48569
mean_APexc_COV	3.6924	1	3.6924	3.3588	0.068222
cond_char:mean_APexc_COV	2.2123	3	0.73745	0.67082	0.57079
Error	237.45	216	1.0993		
Total	243.72	223			

CL14) 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)	1.2958	0.69565	1.8628	0.063852
cond_char_0.5	-0.59524	1.1746	-0.50676	0.61284
cond_char_0.75	-0.06431	1.2546	-0.05126	0.95917
cond_char_1.0	0.32231	1.0738	0.30016	0.76435
mean_APexc_COV	0.0075915	0.0289	0.26268	0.79305

cond_char_0.5:mean_APexc_COV	0.016459	0.053133	0.30977	0.75704
cond_char_0.75:mean_APexc_COV	-0.013332	0.059501	-0.22406	0.82292
cond_char_1.0:mean_APexc_COV	-0.025867	0.049691	-0.52055	0.60321

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.91

R-squared: 0.00735, Adjusted R-Squared: -0.0248

F-statistic vs. constant model: 0.228, p-value = 0.978

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.9877	3	0.66256	0.18138	0.90896
mean_APexc_COV	0.029659	1	0.029659	0.0081195	0.92828
cond_char:mean_APexc_COV	2.0214	3	0.67381	0.18446	0.90689
Error	789.01	216	3.6528		
Total	794.85	223			

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)	2.0545	0.62686	3.2774	0.0012206
cond_char_0.5	-1.5819	1.0584	-1.4946	0.13649
cond_char_0.75	-1.5726	1.1305	-1.3911	0.16563
cond_char_1.0	-1.4894	0.9676	-1.5393	0.12521
mean_APexc_COV	0.0040582	0.026042	0.15583	0.87631
cond_char_0.5:mean_APexc_COV	0.071245	0.047879	1.488	0.1382
cond_char_0.75:mean_APexc_COV	0.069587	0.053617	1.2979	0.19572
cond_char_1.0:mean_APexc_COV	0.064335	0.044777	1.4368	0.15222

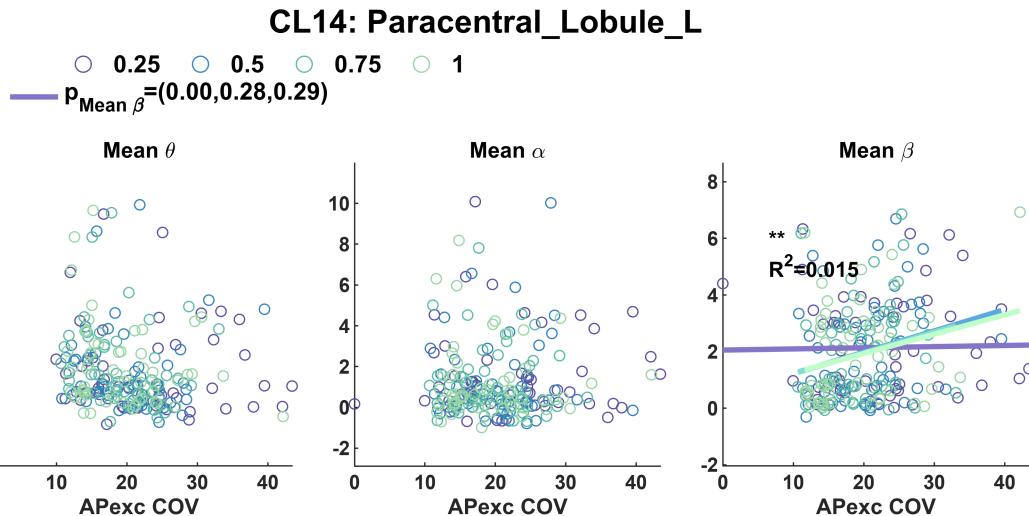
Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.72

R-squared: 0.0456, Adjusted R-Squared: 0.0147

F-statistic vs. constant model: 1.48, p-value = 0.177

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	11.319	3	3.773	1.272	0.28488
mean_APexc_COV	25	1	25	8.4285	0.0040772
cond_char:mean_APexc_COV	11.243	3	3.7476	1.2635	0.28784
Error	640.68	216	2.9661		
Total	671.32	223			



CL14) 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)	-0.047276	0.42819	-0.11041	0.91219
cond_char_0.5	0.085856	0.66672	0.12877	0.89766
cond_char_0.75	-0.089479	0.75515	-0.11849	0.90579
cond_char_1.0	0.28221	0.75913	0.37176	0.71044
mean_APexc_mean	10.897	6.6798	1.6314	0.10427
cond_char_0.5:mean_APexc_mean	-0.034166	12.056	-0.0028339	0.99774
cond_char_0.75:mean_APexc_mean	9.6157	16.167	0.59479	0.55261
cond_char_1.0:mean_APexc_mean	3.3169	17.6	0.18846	0.8507

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.04

R-squared: 0.0347, Adjusted R-Squared: 0.00347

F-statistic vs. constant model: 1.11, p-value = 0.357

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.22375	3	0.074583	0.068481	0.97664
mean_APexc_mean	5.5404	1	5.5404	5.0871	0.025107
cond_char:mean_APexc_mean	0.42434	3	0.14145	0.12987	0.94227
Error	235.25	216	1.0891		
Total	243.72	223			

CL14) 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)	1.3841	0.77689	1.7815	0.076228
cond_char_0.5	0.67257	1.2097	0.55599	0.57879
cond_char_0.75	1.48	1.3701	1.0802	0.28127
cond_char_1.0	1.0954	1.3773	0.79531	0.42731
mean_APexc_mean	1.3488	12.119	0.11129	0.91149

<code>cond_char_0.5:mean_APexc_mean</code>	-18.996	21.875	-0.86842	0.38613
<code>cond_char_0.75:mean_APexc_mean</code>	-43.71	29.332	-1.4902	0.13764
<code>cond_char_1.0:mean_APexc_mean</code>	-33.659	31.933	-1.0541	0.29304

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.89

R-squared: 0.0257, Adjusted R-Squared: -0.00585

F-statistic vs. constant model: 0.815, p-value = 0.576

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.9982	3	1.6661	0.46471	0.70721
<code>mean_APexc_mean</code>	14.369	1	14.369	4.0079	0.046539
<code>cond_char:mean_APexc_mean</code>	11.002	3	3.6673	1.0229	0.38335
<code>Error</code>	774.4	216	3.5852		
<code>Total</code>	794.85	223			

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)	3.4231	0.70459	4.8583	2.2736e-06
<code>cond_char_0.5</code>	-0.14642	1.0971	-0.13346	0.89395
<code>cond_char_0.75</code>	0.49479	1.2426	0.39819	0.69088
<code>cond_char_1.0</code>	-0.70962	1.2492	-0.56807	0.57058
<code>mean_APexc_mean</code>	-21.082	10.992	-1.918	0.056425
<code>cond_char_0.5:mean_APexc_mean</code>	-4.7406	19.839	-0.23895	0.81137
<code>cond_char_0.75:mean_APexc_mean</code>	-27.554	26.602	-1.0358	0.30146
<code>cond_char_1.0:mean_APexc_mean</code>	-1.1276	28.961	-0.038936	0.96898

Number of observations: 224, Error degrees of freedom: 216

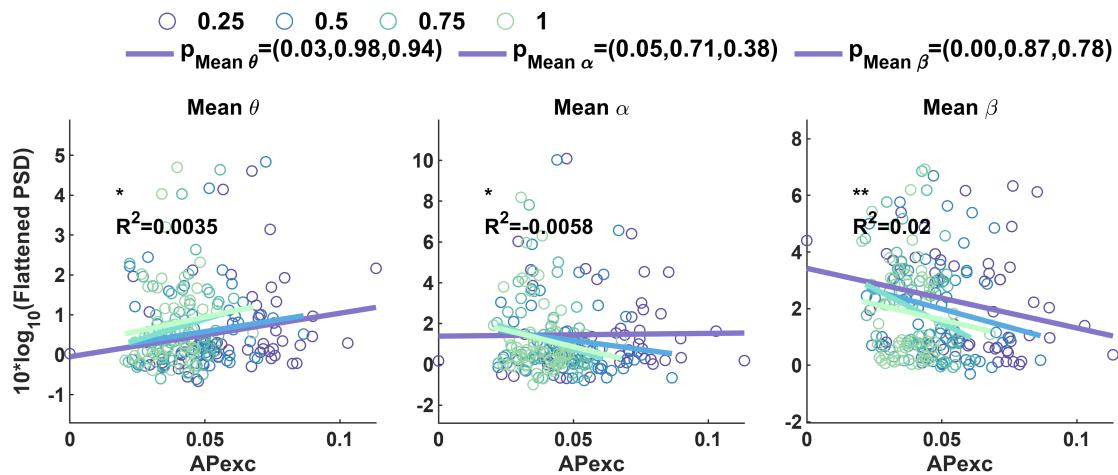
Root Mean Squared Error: 1.72

R-squared: 0.0512, Adjusted R-Squared: 0.0204

F-statistic vs. constant model: 1.66, p-value = 0.119

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.0848	3	0.69495	0.23566	0.87145
<code>mean_APexc_mean</code>	24.075	1	24.075	8.1639	0.0046908
<code>cond_char:mean_APexc_mean</code>	3.2118	3	1.0706	0.36303	0.77976
<code>Error</code>	636.98	216	2.949		
<code>Total</code>	671.32	223			

CL14: Paracentral_Lobule_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)	0.24801	0.35672	0.69523	0.48766
cond_char_0.5	-0.30122	0.59648	-0.50499	0.61408
cond_char_0.75	0.14471	0.60944	0.23745	0.81253
cond_char_1.0	0.0095146	0.65975	0.014421	0.98851
mean_MLexc_COV	0.032094	0.028832	1.1131	0.26688
cond_char_0.5:mean_MLexc_COV	0.019955	0.047803	0.41744	0.67677
cond_char_0.75:mean_MLexc_COV	-0.0094957	0.044562	-0.21309	0.83146
cond_char_1.0:mean_MLexc_COV	-0.0013096	0.04334	-0.030217	0.97592

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.05

R-squared: 0.0256, Adjusted R-Squared: -0.00596

F-statistic vs. constant model: 0.811, p-value = 0.579

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.50401	3	0.168	0.15281	0.9278
mean_MLexc_COV	4.6346	1	4.6346	4.2155	0.041261
cond_char:mean_MLexc_COV	0.38345	3	0.12782	0.11626	0.95051
Error	237.47	216	1.0994		
Total	243.72	223			

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)	1.5549	0.64961	2.3935	0.017544
cond_char_0.5	-0.1576	1.0862	-0.14509	0.88478
cond_char_0.75	0.29632	1.1098	0.267	0.78972
cond_char_1.0	0.13414	1.2014	0.11165	0.91121
mean_MLexc_COV	-0.0078259	0.052505	-0.14905	0.88165

cond_char_0.5:mean_MLexc_COV	-0.0092826	0.087052	-0.10663	0.91518
cond_char_0.75:mean_MLexc_COV	-0.044618	0.081149	-0.54983	0.583
cond_char_1.0:mean_MLexc_COV	-0.017613	0.078924	-0.22316	0.82362

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.91

R-squared: 0.00923, Adjusted R-Squared: -0.0229

F-statistic vs. constant model: 0.287, p-value = 0.958

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.52739	3	0.1758	0.048217	0.98595
mean_MLexc_COV	2.5904	1	2.5904	0.7105	0.40021
cond_char:mean_MLexc_COV	1.1536	3	0.38453	0.10547	0.95682
Error	787.52	216	3.6459		
Total	794.85	223			

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)	2.9893	0.59282	5.0425	9.7163e-07
cond_char_0.5	-0.36176	0.99125	-0.36495	0.71551
cond_char_0.75	-0.33262	1.0128	-0.32842	0.74291
cond_char_1.0	-0.55851	1.0964	-0.5094	0.61099
mean_MLexc_COV	-0.074174	0.047914	-1.5481	0.12307
cond_char_0.5:mean_MLexc_COV	0.022801	0.079441	0.28702	0.77437
cond_char_0.75:mean_MLexc_COV	0.02101	0.074054	0.28371	0.77691
cond_char_1.0:mean_MLexc_COV	0.040979	0.072024	0.56896	0.56997

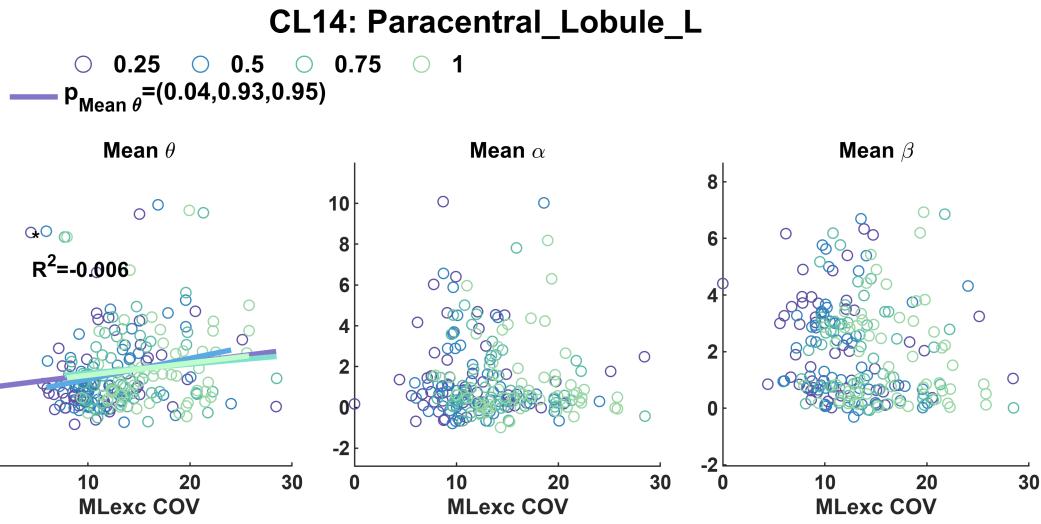
Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.74

R-squared: 0.0231, Adjusted R-Squared: -0.00859

F-statistic vs. constant model: 0.729, p-value = 0.648

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.96948	3	0.32316	0.10643	0.95626
mean_MLexc_COV	11.003	1	11.003	3.624	0.058281
cond_char:mean_MLexc_COV	0.99759	3	0.33253	0.10952	0.95447
Error	655.83	216	3.0363		
Total	671.32	223			



CL14) 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)	0.57775	0.48929	1.1808	0.23898
cond_char_0.5	-0.037655	0.72194	-0.052157	0.95845
cond_char_0.75	-0.030839	0.78292	-0.039389	0.96862
cond_char_1.0	0.078474	0.81593	0.096178	0.92347
mean_MLexc_mean	0.28921	3.8238	0.075635	0.93978
cond_char_0.5:mean_MLexc_mean	0.025234	6.5002	0.003882	0.99691
cond_char_0.75:mean_MLexc_mean	1.9189	9.0086	0.21301	0.83152
cond_char_1.0:mean_MLexc_mean	1.6564	11.697	0.14161	0.88752

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.06

R-squared: 0.00606, Adjusted R-Squared: -0.0261

F-statistic vs. constant model: 0.188, p-value = 0.988

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.024606	3	0.0082021	0.0073137	0.99914
mean_MLexc_mean	0.10989	1	0.10989	0.097985	0.75456
cond_char:mean_MLexc_mean	0.070812	3	0.023604	0.021047	0.99585
Error	242.24	216	1.1215		
Total	243.72	223			

CL14) 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)	1.2643	0.8786	1.439	0.15159
cond_char_0.5	1.0831	1.2964	0.83548	0.40437
cond_char_0.75	0.58567	1.4059	0.41659	0.67739
cond_char_1.0	0.94121	1.4651	0.64241	0.52129
mean_MLexc_mean	1.6449	6.8662	0.23956	0.8109

<code>cond_char_0.5:mean_MLexc_mean</code>	-13.514	11.672	-1.1578	0.24823
<code>cond_char_0.75:mean_MLexc_mean</code>	-11.662	16.176	-0.72093	0.47173
<code>cond_char_1.0:mean_MLexc_mean</code>	-17.924	21.003	-0.85338	0.39439

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.9

R-squared: 0.0173, Adjusted R-Squared: -0.0145

F-statistic vs. constant model: 0.544, p-value = 0.8

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.9219	3	0.97397	0.26935	0.84746
<code>mean_MLexc_mean</code>	6.4757	1	6.4757	1.7908	0.18224
<code>cond_char:mean_MLexc_mean</code>	6.8808	3	2.2936	0.63428	0.59366
<code>Error</code>	781.07	216	3.6161		
<code>Total</code>	794.85	223			

CL14) 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)	2.6516	0.81038	3.272	0.001243
<code>cond_char_0.5</code>	0.02664	1.1957	0.02228	0.98225
<code>cond_char_0.75</code>	-0.26225	1.2967	-0.20224	0.83992
<code>cond_char_1.0</code>	-0.33492	1.3514	-0.24784	0.8045
<code>mean_MLexc_mean</code>	-4.1331	6.3331	-0.65262	0.5147
<code>cond_char_0.5:mean_MLexc_mean</code>	-2.7146	10.766	-0.25214	0.80117
<code>cond_char_0.75:mean_MLexc_mean</code>	-2.3708	14.92	-0.1589	0.8739
<code>cond_char_1.0:mean_MLexc_mean</code>	-3.4417	19.373	-0.17766	0.85916

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.75

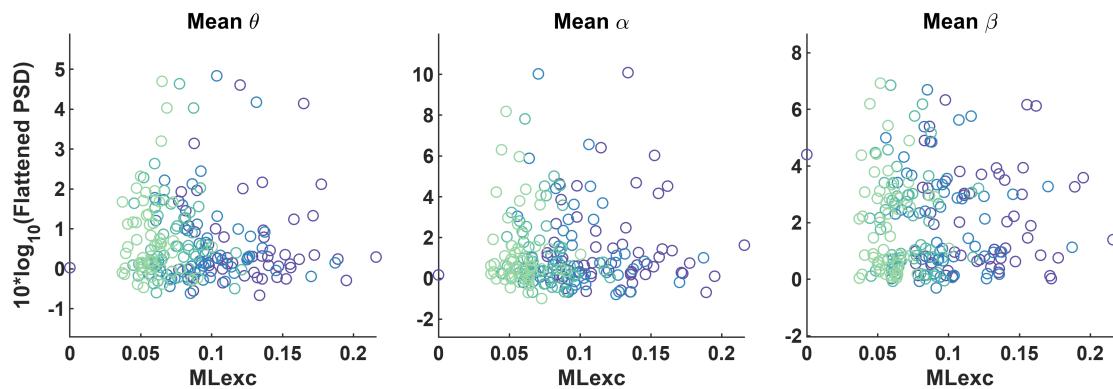
R-squared: 0.0102, Adjusted R-Squared: -0.0219

F-statistic vs. constant model: 0.317, p-value = 0.946

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	0.33365	3	0.11122	0.036151	0.99078
<code>mean_MLexc_mean</code>	3.049	1	3.049	0.99111	0.32058
<code>cond_char:mean_MLexc_mean</code>	0.27212	3	0.090707	0.029485	0.99316
<code>Error</code>	664.5	216	3.0764		
<code>Total</code>	671.32	223			

CL14: Paracentral_Lobule_L

○ 0.25 ○ 0.5 ○ 0.75 ○ 1



CL14) 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)	-0.58547	0.57503	-1.0182	0.30974
cond_char_0.5	0.11331	1.0371	0.10926	0.9131
cond_char_0.75	-0.61685	1.3479	-0.45764	0.64767
cond_char_1.0	-1.1449	1.6545	-0.69197	0.4897
mean_StepDur	1.0325	0.48084	2.1473	0.032887
cond_char_0.5:mean_StepDur	0.27099	1.1683	0.23194	0.8168
cond_char_0.75:mean_StepDur	1.8621	1.8974	0.98142	0.32748
cond_char_1.0:mean_StepDur	3.2541	2.6941	1.2079	0.22842

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.03

R-squared: 0.0546, Adjusted R-Squared: 0.024

F-statistic vs. constant model: 1.78, p-value = 0.092

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.76575	3	0.25525	0.23929	0.86888
mean_StepDur	8.2153	1	8.2153	7.7016	0.006001
cond_char:mean_StepDur	2.477	3	0.82567	0.77404	0.50964
Error	230.41	216	1.0667		
Total	243.72	223			

CL14) 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)	1.8223	1.0598	1.7195	0.086961
cond_char_0.5	1.1573	1.9113	0.60551	0.54548
cond_char_0.75	1.3816	2.4842	0.55616	0.57867
cond_char_1.0	0.09307	3.0494	0.030521	0.97568
mean_StepDur	-0.30707	0.8862	-0.34651	0.7293

<code>cond_char_0.5:mean_StepDur</code>	-1.9271	2.1533	-0.89493	0.37182
<code>cond_char_0.75:mean_StepDur</code>	-2.8511	3.4969	-0.81532	0.41579
<code>cond_char_1.0:mean_StepDur</code>	-0.80551	4.9653	-0.16223	0.87128

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.9

R-squared: 0.0154, Adjusted R-Squared: -0.0165

F-statistic vs. constant model: 0.481, p-value = 0.848

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.0483	3	0.68277	0.18844	0.9042
<code>mean_StepDur</code>	4.2087	1	4.2087	1.1616	0.28234
<code>cond_char:mean_StepDur</code>	4.8288	3	1.6096	0.44423	0.72163
<code>Error</code>	782.64	216	3.6233		
<code>Total</code>	794.85	223			

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)	3.791	0.94948	3.9927	8.9538e-05
<code>cond_char_0.5</code>	1.1487	1.7124	0.67083	0.50305
<code>cond_char_0.75</code>	2.2652	2.2256	1.0178	0.30991
<code>cond_char_1.0</code>	1.8843	2.7319	0.68974	0.4911
<code>mean_StepDur</code>	-1.4175	0.79395	-1.7854	0.075602
<code>cond_char_0.5:mean_StepDur</code>	-2.2421	1.9291	-1.1622	0.24643
<code>cond_char_0.75:mean_StepDur</code>	-4.8574	3.1329	-1.5505	0.12249
<code>cond_char_1.0:mean_StepDur</code>	-5.0935	4.4484	-1.145	0.25347

Number of observations: 224, Error degrees of freedom: 216

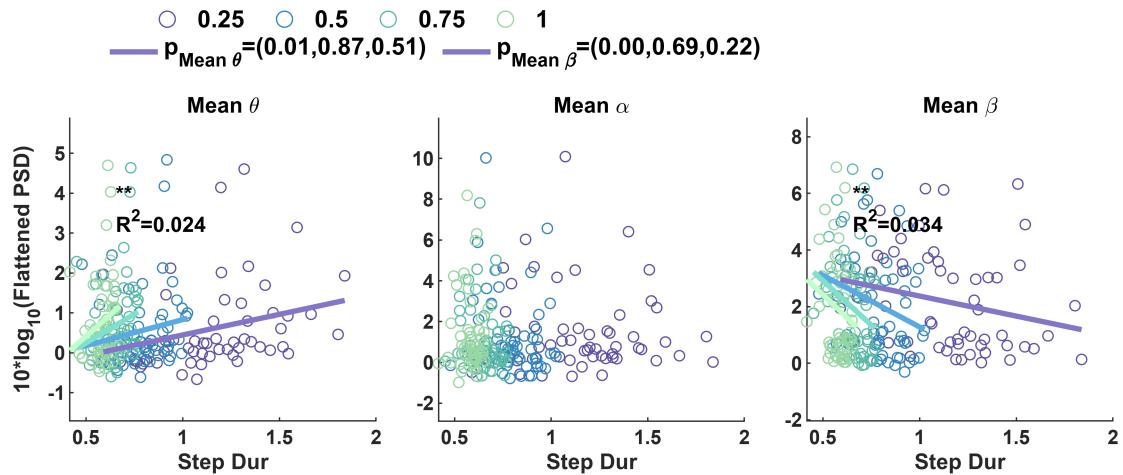
Root Mean Squared Error: 1.71

R-squared: 0.0643, Adjusted R-Squared: 0.0339

F-statistic vs. constant model: 2.12, p-value = 0.0428

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.249	3	1.4163	0.48701	0.69166
<code>mean_StepDur</code>	28.941	1	28.941	9.9515	0.0018361
<code>cond_char:mean_StepDur</code>	12.894	3	4.298	1.4779	0.22149
<code>Error</code>	628.18	216	2.9082		
<code>Total</code>	671.32	223			

CL14: Paracentral_Lobule_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)	0.24298	0.57115	0.42543	0.67095
cond_char_0.5	-1.1123	0.87222	-1.2752	0.20361
cond_char_0.75	0.14762	0.81213	0.18176	0.85594
cond_char_1.0	0.22063	0.79938	0.276	0.78281
mean_UDexc_COV	0.019399	0.029021	0.66844	0.50457
cond_char_0.5:mean_UDexc_COV	0.080737	0.05338	1.5125	0.13187
cond_char_0.75:mean_UDexc_COV	0.010986	0.060997	0.18011	0.85724
cond_char_1.0:mean_UDexc_COV	0.019875	0.075575	0.26298	0.79282

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.04

R-squared: 0.0328, Adjusted R-Squared: 0.00142

F-statistic vs. constant model: 1.05, p-value = 0.4

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.1601	3	1.0534	0.96519	0.41002
mean_UDexc_COV	3.6862	1	3.6862	3.3776	0.06746
cond_char:mean_UDexc_COV	2.5494	3	0.84981	0.77868	0.50701
Error	235.73	216	1.0913		
Total	243.72	223			

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)	2.9162	1.0134	2.8777	0.0044075
cond_char_0.5	0.26998	1.5475	0.17446	0.86167
cond_char_0.75	-0.52748	1.4409	-0.36608	0.71467
cond_char_1.0	0.96942	1.4183	0.68351	0.49502
mean_UDexc_COV	-0.076	0.05149	-1.476	0.1414

<code>cond_char_0.5:mean_UDexc_COV</code>	-0.06266	0.094709	-0.66161	0.50893
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.045519	0.10822	-0.4206	0.67447
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.26142	0.13409	-1.9496	0.052517

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.85

R-squared: 0.0664, Adjusted R-Squared: 0.0362

F-statistic vs. constant model: 2.2, p-value = 0.0358

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	3.9414	3	1.3138	0.38242	0.76577
<code>mean_UDexc_COV</code>	46.727	1	46.727	13.601	0.000286
<code>cond_char:mean_UDexc_COV</code>	13.291	3	4.4304	1.2896	0.27888
<code>Error</code>	742.07	216	3.4355		
<code>Total</code>	794.85	223			

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
(Intercept)	4.5549	0.92584	4.9198	1.7165e-06
<code>cond_char_0.5</code>	-0.62206	1.4139	-0.43996	0.66041
<code>cond_char_0.75</code>	-0.88206	1.3165	-0.67002	0.50356
<code>cond_char_1.0</code>	-1.171	1.2958	-0.90368	0.36717
<code>mean_UDexc_COV</code>	-0.12626	0.047043	-2.684	0.0078391
<code>cond_char_0.5:mean_UDexc_COV</code>	-0.0073298	0.08653	-0.084708	0.93257
<code>cond_char_0.75:mean_UDexc_COV</code>	-0.042057	0.098878	-0.42534	0.67101
<code>cond_char_1.0:mean_UDexc_COV</code>	-0.067526	0.12251	-0.55119	0.58207

Number of observations: 224, Error degrees of freedom: 216

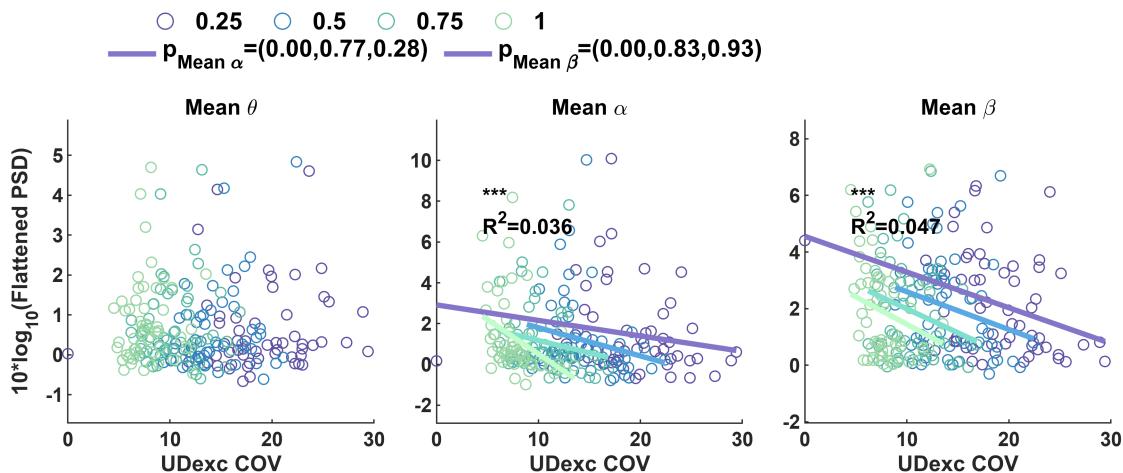
Root Mean Squared Error: 1.69

R-squared: 0.0773, Adjusted R-Squared: 0.0474

F-statistic vs. constant model: 2.58, p-value = 0.014

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.53	3	0.84334	0.29408	0.82966
<code>mean_UDexc_COV</code>	39.838	1	39.838	13.892	0.00024731
<code>cond_char:mean_UDexc_COV</code>	1.2184	3	0.40614	0.14163	0.93494
<code>Error</code>	619.43	216	2.8677		
<code>Total</code>	671.32	223			

CL14: Paracentral_Lobule_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)	0.89291	0.46165	1.9342	0.054401
cond_char_0.5	0.36448	0.7587	0.4804	0.63143
cond_char_0.75	1.0243	0.86559	1.1834	0.23797
cond_char_1.0	0.4986	0.8963	0.55629	0.57859
mean_UDexc_mean	-19.156	30.129	-0.6358	0.52558
cond_char_0.5:mean_UDexc_mean	-15.996	42.502	-0.37636	0.70702
cond_char_0.75:mean_UDexc_mean	-25.729	40.241	-0.63938	0.52326
cond_char_1.0:mean_UDexc_mean	1.7776	36.765	0.048349	0.96148

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.05

R-squared: 0.0293, Adjusted R-Squared: -0.00214

F-statistic vs. constant model: 0.932, p-value = 0.483

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	1.5992	3	0.53305	0.4867	0.69187
mean_UDexc_mean	5.0248	1	5.0248	4.5878	0.033319
cond_char:mean_UDexc_mean	0.87314	3	0.29105	0.26574	0.85004
Error	236.57	216	1.0952		
Total	243.72	223			

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)	1.8077	0.84237	2.146	0.032987
cond_char_0.5	0.26736	1.3844	0.19313	0.84704
cond_char_0.75	-0.79851	1.5794	-0.50557	0.61367
cond_char_1.0	-0.92943	1.6355	-0.5683	0.57042
mean_UDexc_mean	-23.416	54.975	-0.42593	0.67058

<code>cond_char_0.5:mean_UDexc_mean</code>	-21.783	77.553	-0.28087	0.77908
<code>cond_char_0.75:mean_UDexc_mean</code>	27.519	73.427	0.37479	0.70819
<code>cond_char_1.0:mean_UDexc_mean</code>	34.252	67.084	0.51058	0.61017

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.91

R-squared: 0.00906, Adjusted R-Squared: -0.0231

F-statistic vs. constant model: 0.282, p-value = 0.96

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.5831	3	0.86103	0.23612	0.87112
<code>mean_UDexc_mean</code>	1.0653	1	1.0653	0.29214	0.58941
<code>cond_char:mean_UDexc_mean</code>	3.0737	3	1.0246	0.28097	0.83911
<code>Error</code>	787.65	216	3.6465		
<code>Total</code>	794.85	223			

CL14) 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)	3.2106	0.77099	4.1643	4.5143e-05
<code>cond_char_0.5</code>	-1.7893	1.2671	-1.4122	0.15934
<code>cond_char_0.75</code>	-1.8253	1.4456	-1.2627	0.20806
<code>cond_char_1.0</code>	-2.0549	1.4969	-1.3728	0.17123
<code>mean_UDexc_mean</code>	-72.949	50.317	-1.4498	0.14857
<code>cond_char_0.5:mean_UDexc_mean</code>	103.17	70.981	1.4536	0.14752
<code>cond_char_0.75:mean_UDexc_mean</code>	92.62	67.205	1.3782	0.16957
<code>cond_char_1.0:mean_UDexc_mean</code>	93.148	61.399	1.5171	0.13071

Number of observations: 224, Error degrees of freedom: 216

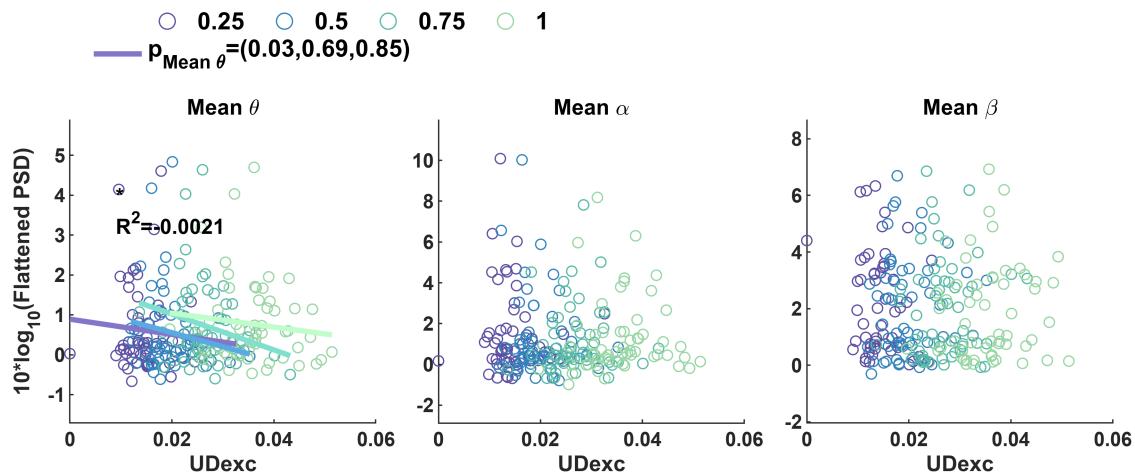
Root Mean Squared Error: 1.75

R-squared: 0.0171, Adjusted R-Squared: -0.0147

F-statistic vs. constant model: 0.538, p-value = 0.805

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	10.412	3	3.4708	1.1362	0.33534
<code>mean_UDexc_mean</code>	0.0030089	1	0.0030089	0.00098502	0.97499
<code>cond_char:mean_UDexc_mean</code>	9.0062	3	3.0021	0.98277	0.40174
<code>Error</code>	659.82	216	3.0547		
<code>Total</code>	671.32	223			

CL14: Paracentral_Lobule_L



CL14) 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)	-0.54754	0.54728	-1.0005	0.3182
cond_char_0.5	-0.02535	1.021	-0.024828	0.98021
cond_char_0.75	-0.58095	1.3932	-0.41698	0.67711
cond_char_1.0	-1.0501	1.7375	-0.60434	0.54625
mean_StanceDur	0.6769	0.30882	2.1919	0.029456
cond_char_0.5:mean_StanceDur	0.39091	0.85234	0.45864	0.64696
cond_char_0.75:mean_StanceDur	1.4944	1.5374	0.972	0.33214
cond_char_1.0:mean_StanceDur	2.5622	2.2708	1.1283	0.26043

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.03

R-squared: 0.0527, Adjusted R-Squared: 0.022

F-statistic vs. constant model: 1.72, p-value = 0.106

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.54088	3	0.18029	0.16869	0.91743
mean_StanceDur	6.7923	1	6.7923	6.355	0.012427
cond_char:mean_StanceDur	2.4296	3	0.80987	0.75773	0.51896
Error	230.86	216	1.0688		
Total	243.72	223			

CL14) 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)	2.036	1.0057	2.0244	0.044156
cond_char_0.5	1.0482	1.8763	0.55866	0.57698
cond_char_0.75	1.7276	2.5603	0.67477	0.50055
cond_char_1.0	0.17118	3.193	0.053611	0.95729
mean_StanceDur	-0.33253	0.56751	-0.58594	0.55852

<code>cond_char_0.5:mean_StanceDur</code>	-1.4341	1.5663	-0.91561	0.36089
<code>cond_char_0.75:mean_StanceDur</code>	-2.7935	2.8253	-0.98875	0.32389
<code>cond_char_1.0:mean_StanceDur</code>	-0.95488	4.173	-0.22882	0.81922

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.9

R-squared: 0.0191, Adjusted R-Squared: -0.0126

F-statistic vs. constant model: 0.602, p-value = 0.754

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.3307	3	0.77688	0.21524	0.88577
<code>mean_StanceDur</code>	5.6272	1	5.6272	1.559	0.21316
<code>cond_char:mean_StanceDur</code>	6.206	3	2.0687	0.57313	0.63327
<code>Error</code>	779.64	216	3.6094		
<code>Total</code>	794.85	223			

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
(Intercept)	3.7681	0.90286	4.1735	4.3482e-05
<code>cond_char_0.5</code>	1.054	1.6844	0.62572	0.53216
<code>cond_char_0.75</code>	2.7007	2.2985	1.175	0.24129
<code>cond_char_1.0</code>	1.7613	2.8665	0.61443	0.53958
<code>mean_StanceDur</code>	-0.94634	0.50947	-1.8575	0.064601
<code>cond_char_0.5:mean_StanceDur</code>	-1.6777	1.4061	-1.1932	0.23412
<code>cond_char_0.75:mean_StanceDur</code>	-4.4377	2.5364	-1.7496	0.081603
<code>cond_char_1.0:mean_StanceDur</code>	-4.0499	3.7462	-1.081	0.28088

Number of observations: 224, Error degrees of freedom: 216

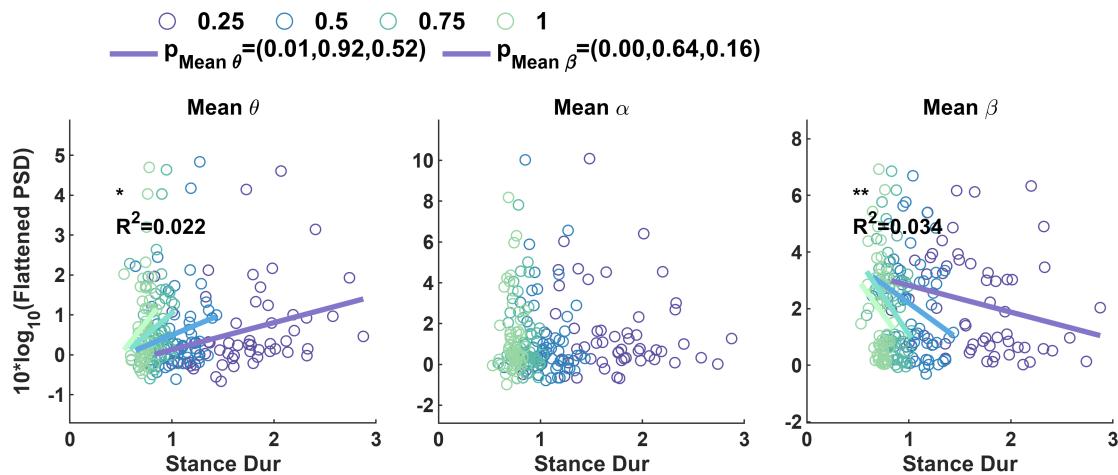
Root Mean Squared Error: 1.71

R-squared: 0.064, Adjusted R-Squared: 0.0337

F-statistic vs. constant model: 2.11, p-value = 0.0436

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.9656	3	1.6552	0.56901	0.63599
<code>mean_StanceDur</code>	25.821	1	25.821	8.8764	0.0032193
<code>cond_char:mean_StanceDur</code>	15.044	3	5.0145	1.7239	0.16305
<code>Error</code>	628.32	216	2.9089		
<code>Total</code>	671.32	223			

CL14: Paracentral_Lobule_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)	-0.58683	0.57479	-1.021	0.30842
cond_char_0.5	0.11486	1.0359	0.11088	0.91182
cond_char_0.75	-0.62054	1.3512	-0.45924	0.64652
cond_char_1.0	-1.1066	1.6519	-0.66992	0.50362
mean_GaitCycleDur	0.51636	0.24009	2.1507	0.032611
cond_char_0.5:mean_GaitCycleDur	0.13511	0.58326	0.23166	0.81703
cond_char_0.75:mean_GaitCycleDur	0.93465	0.95134	0.98246	0.32697
cond_char_1.0:mean_GaitCycleDur	1.5946	1.3443	1.1863	0.23682

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.03

R-squared: 0.0544, Adjusted R-Squared: 0.0237

F-statistic vs. constant model: 1.78, p-value = 0.0936

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	0.73668	3	0.24556	0.23015	0.87533
mean_GaitCycleDur	8.1271	1	8.1271	7.6172	0.006278
cond_char:mean_GaitCycleDur	2.4269	3	0.80897	0.75821	0.51868
Error	230.46	216	1.0669		
Total	243.72	223			

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)	1.834	1.0593	1.7314	0.084807
cond_char_0.5	1.1347	1.9091	0.59437	0.55289
cond_char_0.75	1.3748	2.4901	0.55208	0.58147
cond_char_1.0	0.035661	3.0442	0.011714	0.99066
mean_GaitCycleDur	-0.15843	0.44246	-0.35808	0.72063

<code>cond_char_0.5:mean_GaitCycleDur</code>	-0.95157	1.0749	-0.88529	0.37698
<code>cond_char_0.75:mean_GaitCycleDur</code>	-1.4242	1.7532	-0.81234	0.41749
<code>cond_char_1.0:mean_GaitCycleDur</code>	-0.3585	2.4773	-0.14471	0.88507

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.9

R-squared: 0.0153, Adjusted R-Squared: -0.0166

F-statistic vs. constant model: 0.48, p-value = 0.849

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	2.0139	3	0.6713	0.18526	0.90635
<code>mean_GaitCycleDur</code>	4.1208	1	4.1208	1.1372	0.28743
<code>cond_char:mean_GaitCycleDur</code>	4.7508	3	1.5836	0.43703	0.72672
<code>Error</code>	782.69	216	3.6235		
<code>Total</code>	794.85	223			

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)	3.8015	0.94905	4.0056	8.5121e-05
<code>cond_char_0.5</code>	1.1333	1.7105	0.66257	0.50831
<code>cond_char_0.75</code>	2.2741	2.231	1.0193	0.3092
<code>cond_char_1.0</code>	1.7852	2.7274	0.65454	0.51346
<code>mean_GaitCycleDur</code>	-0.71262	0.39642	-1.7976	0.073631
<code>cond_char_0.5:mean_GaitCycleDur</code>	-1.1137	0.96303	-1.1565	0.24876
<code>cond_char_0.75:mean_GaitCycleDur</code>	-2.4393	1.5708	-1.5529	0.12191
<code>cond_char_1.0:mean_GaitCycleDur</code>	-2.4659	2.2195	-1.111	0.26781

Number of observations: 224, Error degrees of freedom: 216

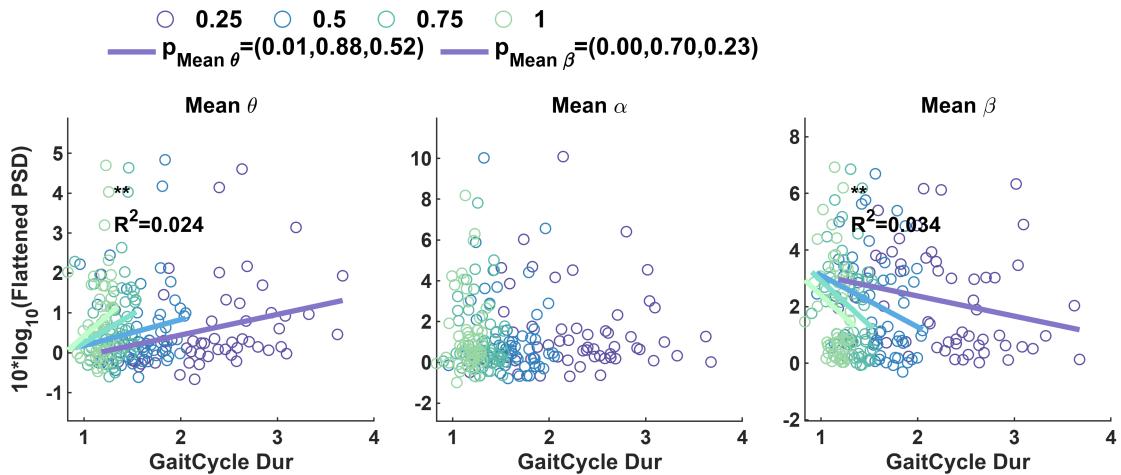
Root Mean Squared Error: 1.71

R-squared: 0.0641, Adjusted R-Squared: 0.0338

F-statistic vs. constant model: 2.11, p-value = 0.0434

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	4.1437	3	1.3812	0.47486	0.70011
<code>mean_GaitCycleDur</code>	28.578	1	28.578	9.8247	0.001961
<code>cond_char:mean_GaitCycleDur</code>	12.692	3	4.2306	1.4545	0.22798
<code>Error</code>	628.29	216	2.9087		
<code>Total</code>	671.32	223			

CL14: Paracentral_Lobule_L



CL14) 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)	0.93194	0.49785	1.8719	0.062568
cond_char_0.5	0.025223	0.83747	0.030118	0.976
cond_char_0.75	1.1139	0.91908	1.2119	0.22686
cond_char_1.0	1.2094	0.96562	1.2524	0.21177
mean_PeakUpDownVel_mean	-2.7656	4.1467	-0.66696	0.50551
cond_char_0.5:mean_PeakUpDownVel_mean	0.8197	5.3104	0.15436	0.87747
cond_char_0.75:mean_PeakUpDownVel_mean	-1.8658	4.9106	-0.37996	0.70435
cond_char_1.0:mean_PeakUpDownVel_mean	-0.62568	4.6101	-0.13572	0.89217

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.04

R-squared: 0.0356, Adjusted R-Squared: 0.0043

F-statistic vs. constant model: 1.14, p-value = 0.341

	SumOfSquares	DF	MeanSquares	F	pValue
cond_char	3.0095	3	1.0032	0.92186	0.43107
mean_PeakUpDownVel_mean	4.5042	1	4.5042	4.1392	0.043124
cond_char:mean_PeakUpDownVel_mean	0.47295	3	0.15765	0.14487	0.93288
Error	235.05	216	1.0882		
Total	243.72	223			

CL14) 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)	2.0467	0.90998	2.2491	0.025512
cond_char_0.5	-0.018816	1.5307	-0.012292	0.9902
cond_char_0.75	-1.307	1.6799	-0.77799	0.43743
cond_char_1.0	-1.9394	1.765	-1.0988	0.27307
mean_PeakUpDownVel_mean	-5.0398	7.5794	-0.66494	0.5068

<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	0.83182	9.7064	0.085697	0.93179
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	6.3555	8.9758	0.70807	0.47967
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	7.904	8.4265	0.938	0.34929

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.91

R-squared: 0.012, Adjusted R-Squared: -0.02

F-statistic vs. constant model: 0.376, p-value = 0.916

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	6.1174	3	2.0391	0.56088	0.64139
<code>mean_PeakUpDownVel_mean</code>	0.71338	1	0.71338	0.19622	0.65823
<code>cond_char:mean_PeakUpDownVel_mean</code>	5.7323	3	1.9108	0.52557	0.66516
<code>Error</code>	785.29	216	3.6356		
<code>Total</code>	794.85	223			

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)	2.9842	0.83472	3.5751	0.0004319
<code>cond_char_0.5</code>	-1.7982	1.4041	-1.2807	0.20168
<code>cond_char_0.75</code>	-1.8284	1.541	-1.1866	0.23671
<code>cond_char_1.0</code>	-2.2228	1.619	-1.373	0.17119
<code>mean_PeakUpDownVel_mean</code>	-7.278	6.9525	-1.0468	0.29635
<code>cond_char_0.5:mean_PeakUpDownVel_mean</code>	11.436	8.9036	1.2844	0.20036
<code>cond_char_0.75:mean_PeakUpDownVel_mean</code>	9.9072	8.2334	1.2033	0.23018
<code>cond_char_1.0:mean_PeakUpDownVel_mean</code>	10.041	7.7295	1.299	0.19531

Number of observations: 224, Error degrees of freedom: 216

Root Mean Squared Error: 1.75

R-squared: 0.0157, Adjusted R-Squared: -0.0162

F-statistic vs. constant model: 0.493, p-value = 0.839

	SumOfSquares	DF	MeanSquares	F	pValue
<code>cond_char</code>	9.4537	3	3.1512	1.0301	0.38012
<code>mean_PeakUpDownVel_mean</code>	0.14342	1	0.14342	0.046883	0.82878
<code>cond_char:mean_PeakUpDownVel_mean</code>	6.1183	3	2.0394	0.66668	0.57335
<code>Error</code>	660.76	216	3.0591		
<code>Total</code>	671.32	223			

CL14: Paracentral_Lobule_L

