

Permutation Results of PLSR models for Full Inflorescences

Probability of Model Insignificance vs. Permuted Samples
For model with 6 component(s)

Y-column: CBDA			
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.000	0.001	0.005
Cross-Validated:	0.000	0.000	0.005

Y-column: THCA			
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.000	0.001	0.005
Cross-Validated:	0.000	0.000	0.005

Y-column: CBD			
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.000	0.006	0.006
Cross-Validated:	0.000	0.001	0.005

Y-column: THC			
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.004	0.023	0.013
Cross-Validated:	0.002	0.019	0.008

Y-column: CBC			
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.159	0.223	0.304
Cross-Validated:	0.068	0.138	0.130

Y-column: CBN			
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.095	0.186	0.174
Cross-Validated:	0.056	0.127	0.118

Y-column: CBDVA			
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.004	0.021	0.017
Cross-Validated:	0.000	0.002	0.005

Y-column: CBDV			
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.331	0.365	0.316
Cross-Validated:	0.120	0.208	0.108

Y-column: CBGA			
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.140	0.210	0.379
Cross-Validated:	0.077	0.143	0.149

Y-column: CBG			
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.005	0.026	0.011
Cross-Validated:	0.004	0.027	0.007

Y-column: THCV

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.539	0.541	0.740
Cross-Validated:	0.294	0.333	0.584

Y-column: THCVA

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.037	0.098	0.028
Cross-Validated:	0.012	0.040	0.013

Y-column: CBNA

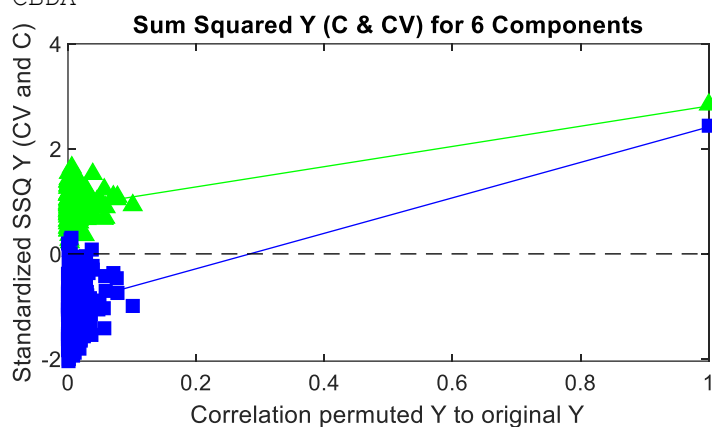
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.000	0.003	0.006
Cross-Validated:	0.000	0.002	0.005

Y-column: CBCA

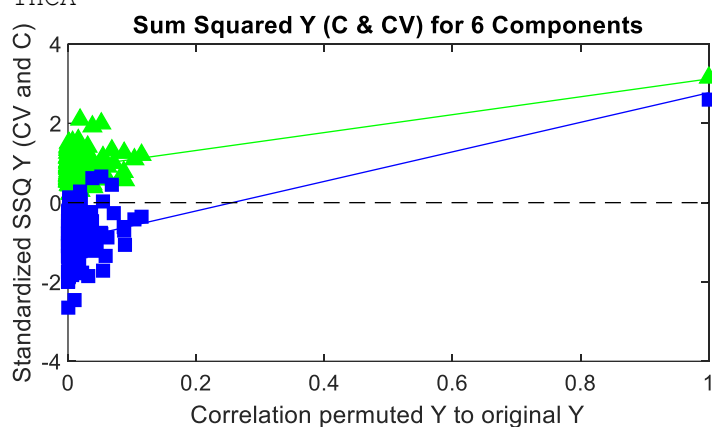
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.002	0.020	0.040
Cross-Validated:	0.000	0.008	0.012

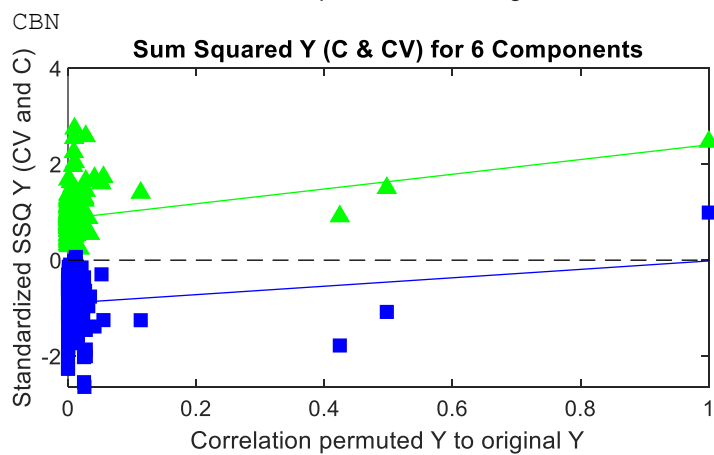
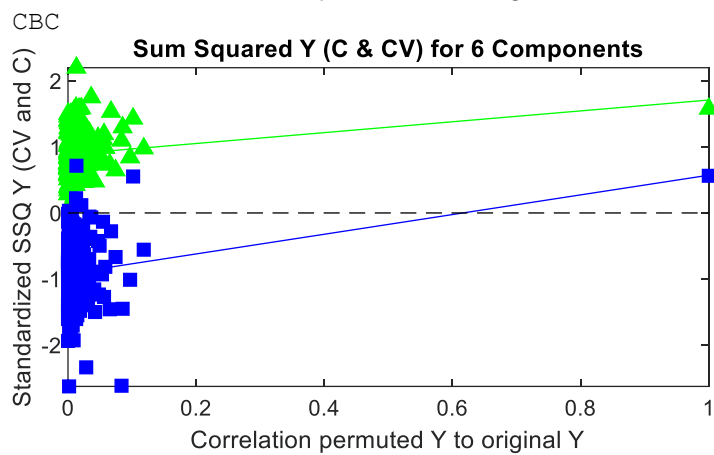
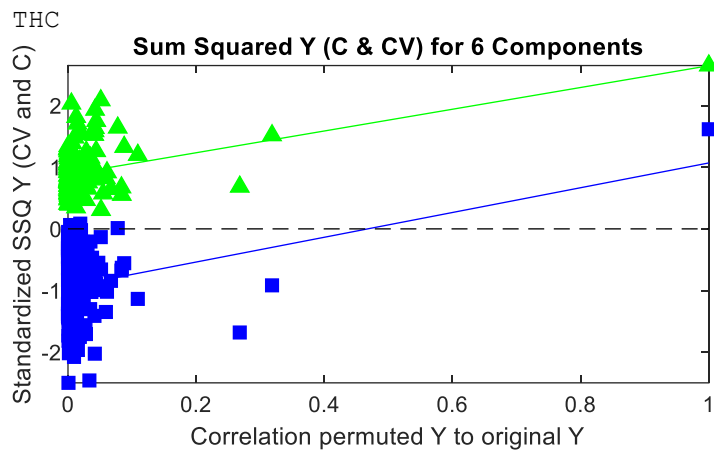
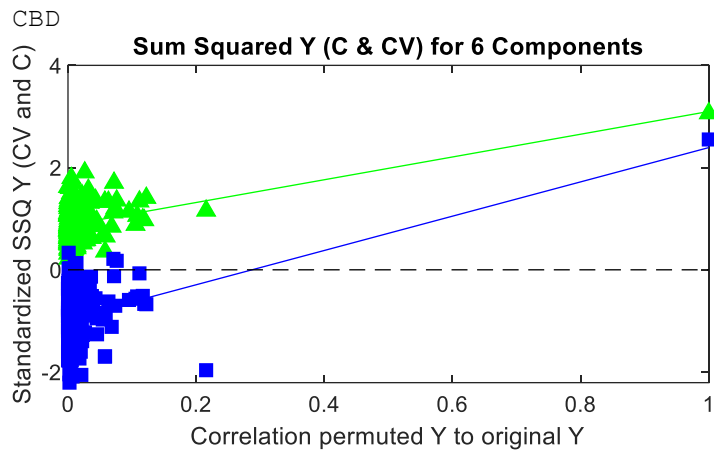
Values less than 0.05 indicate the model is significant at the 95% confidence level.

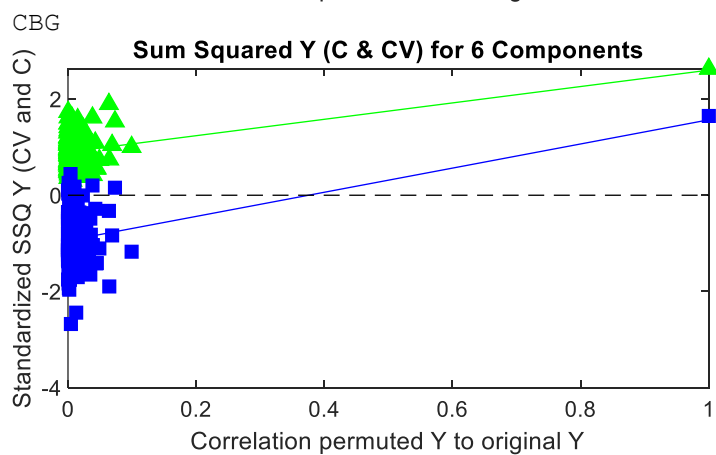
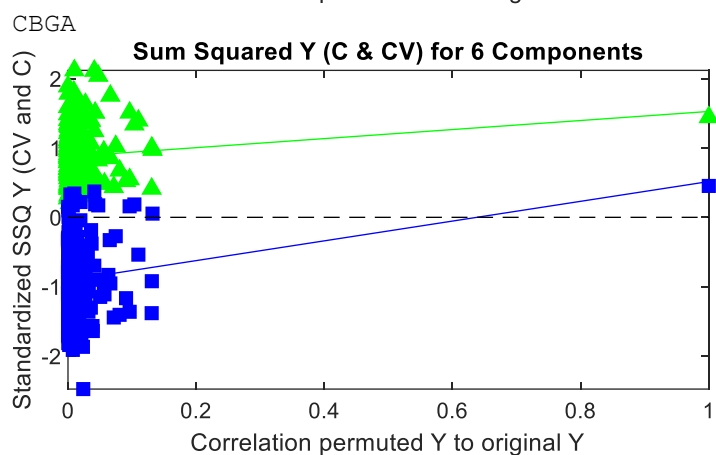
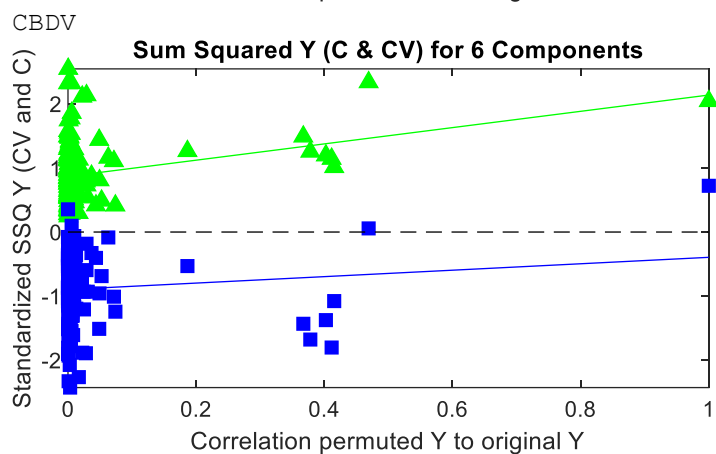
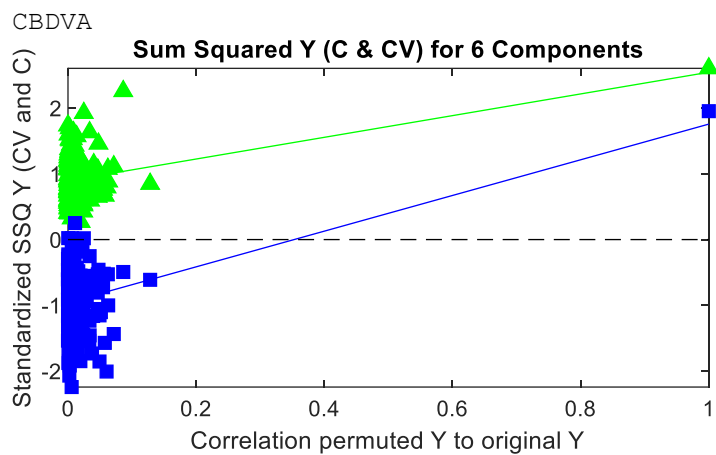
CBDA

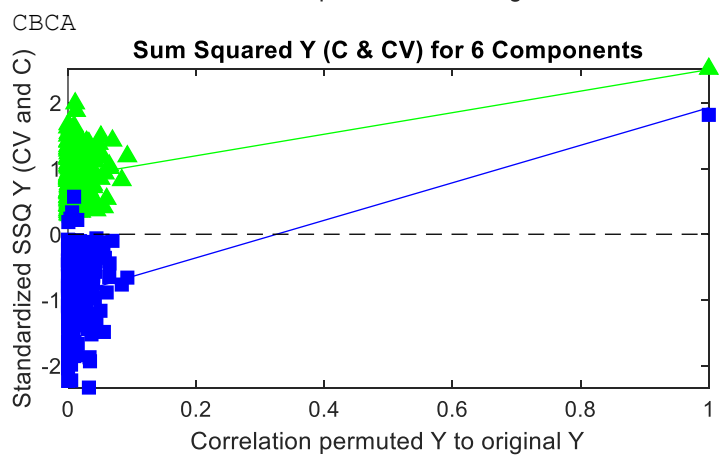
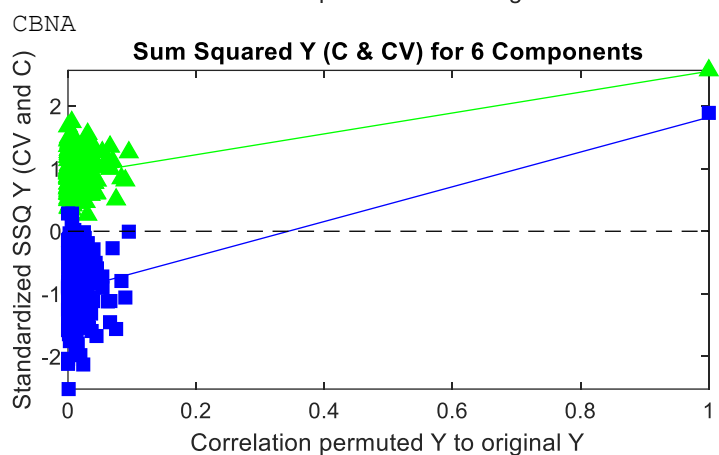
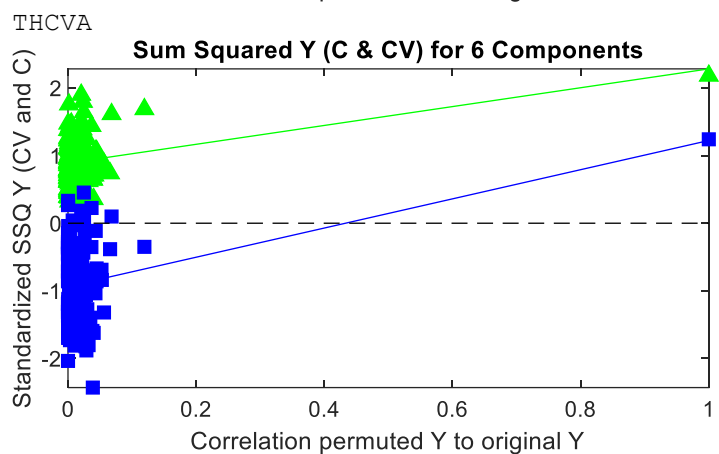
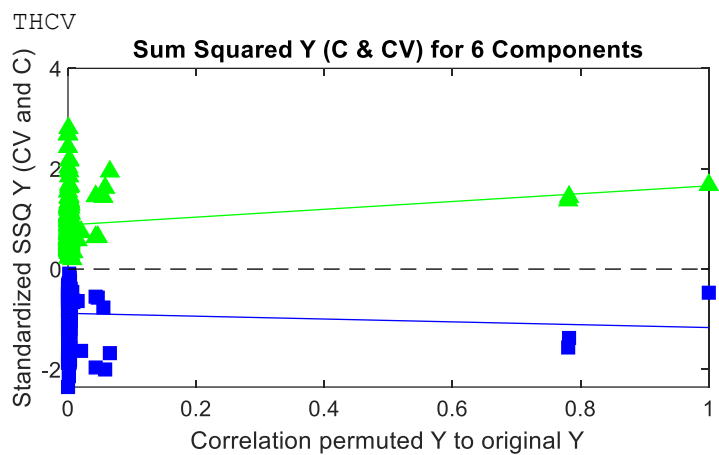


THCA









Permutation Results for PLSR models in Trim Inflorescences

Probability of Model Insignificance vs. Permuted Samples
For model with 8 component(s)

Y-column: CBDA

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.000	0.000	0.005
Cross-Validated:	0.000	0.000	0.005

Y-column: THCA

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.000	0.002	0.005
Cross-Validated:	0.000	0.000	0.005

Y-column: CBD

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.000	0.001	0.005
Cross-Validated:	0.000	0.000	0.005

Y-column: THC

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.006	0.044	0.054
Cross-Validated:	0.000	0.006	0.005

Y-column: CBC

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.199	0.270	0.365
Cross-Validated:	0.046	0.083	0.065

Y-column: CBN

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.084	0.177	0.222
Cross-Validated:	0.016	0.062	0.179

Y-column: CBDVA

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.007	0.043	0.018
Cross-Validated:	0.001	0.015	0.006

Y-column: CBDV

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.156	0.272	0.188
Cross-Validated:	0.088	0.190	0.068

Y-column: CBGA

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.541	0.579	0.652
Cross-Validated:	0.348	0.422	0.594

Y-column: CBG

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.023	0.063	0.035
Cross-Validated:	0.001	0.012	0.007

Y-column: THCV

	Wilcoxon	Sign Test	Rand t-test
--	----------	-----------	-------------

Self-Prediction:	0.340	0.463	0.656
Cross-Validated:	0.102	0.194	0.899

Y-column: THCVA

	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.006	0.038	0.010
Cross-Validated:	0.001	0.008	0.005

Y-column: CBNA

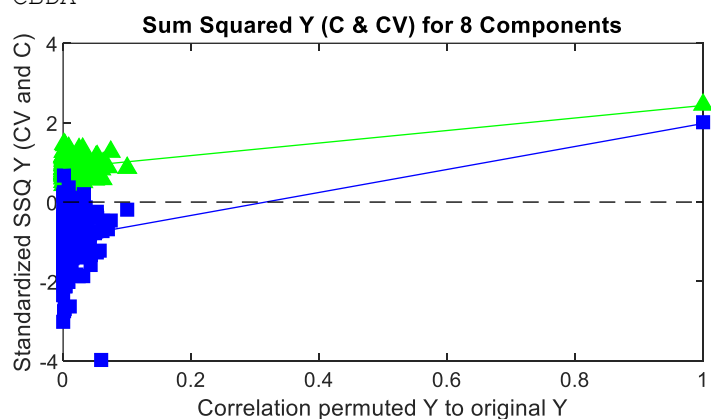
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.000	0.007	0.005
Cross-Validated:	0.000	0.001	0.005

Y-column: CBCA

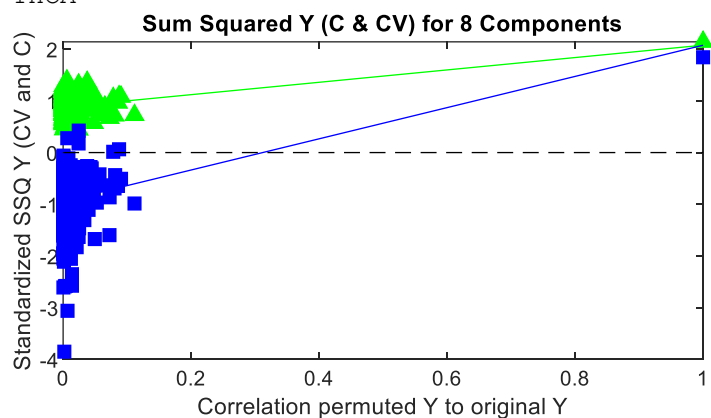
	Wilcoxon	Sign Test	Rand t-test
Self-Prediction:	0.016	0.051	0.350
Cross-Validated:	0.011	0.040	0.170

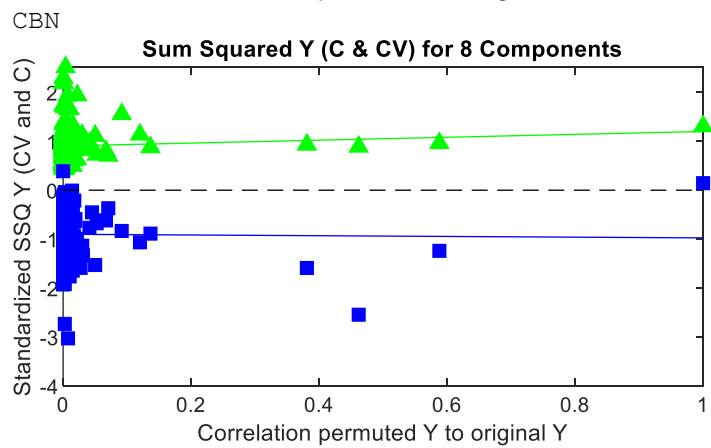
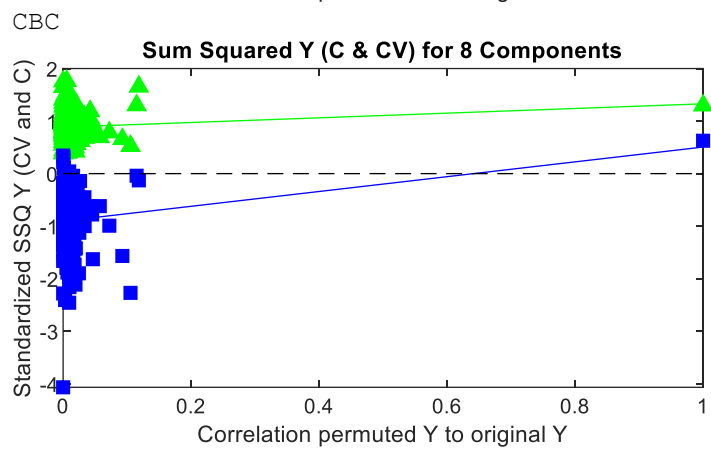
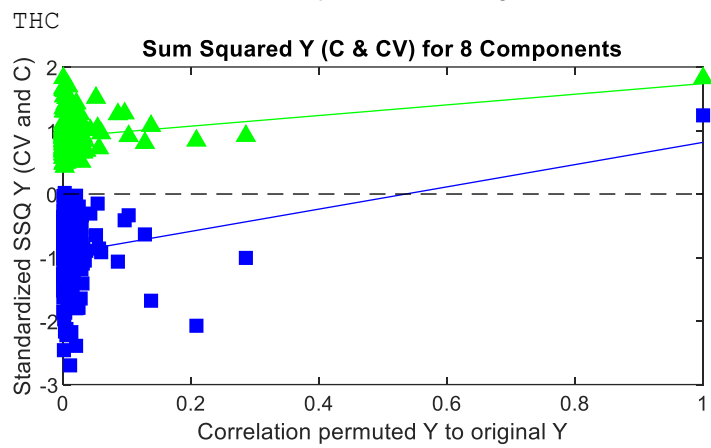
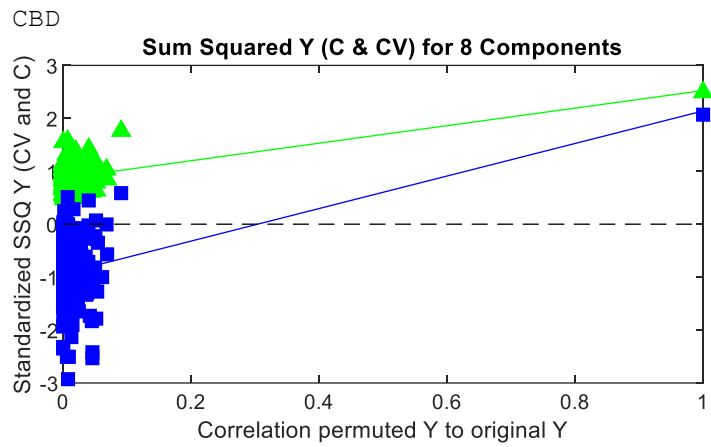
Values less than 0.05 indicate the model is significant at the 95% confidence level.

CBDA

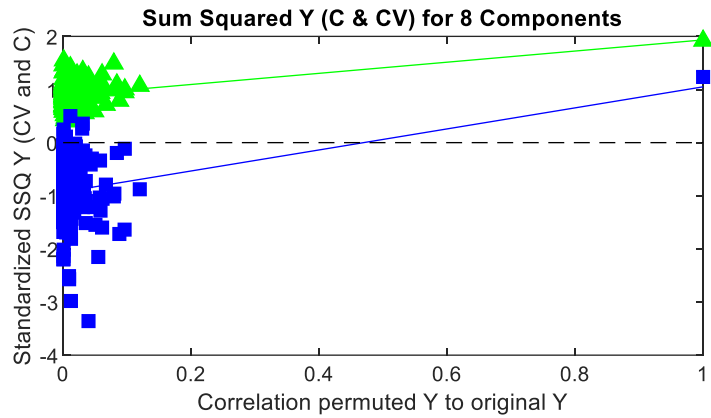


THCA

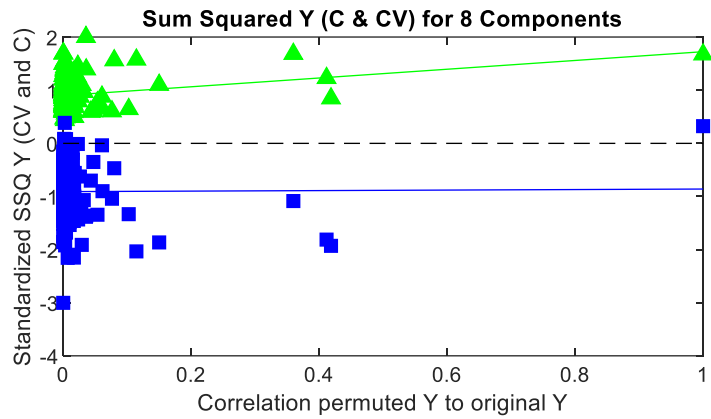




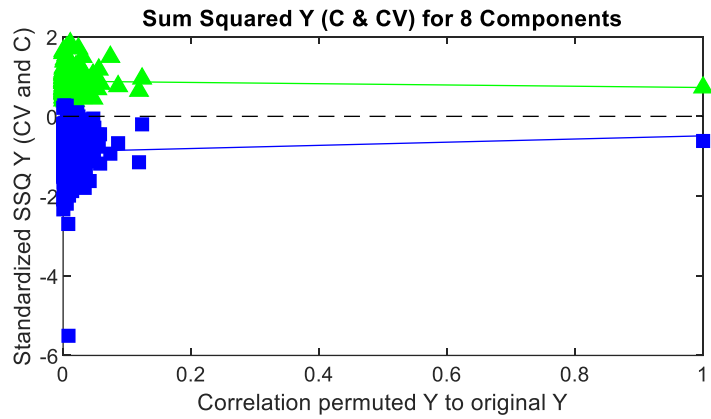
CBDVA



CBDV



CBGA



CBG

