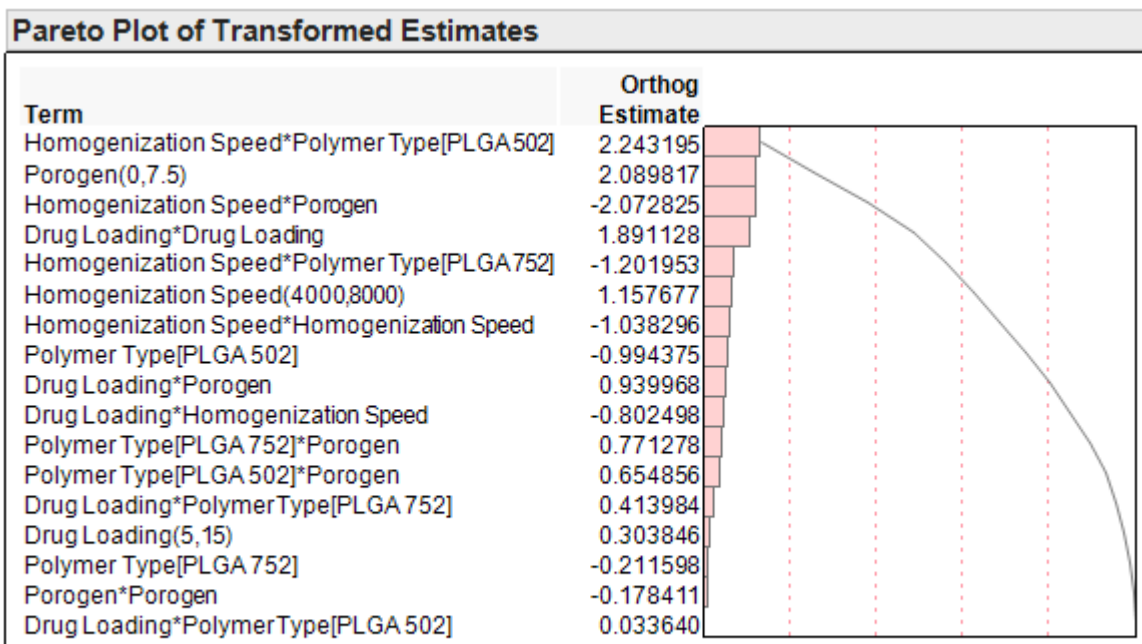
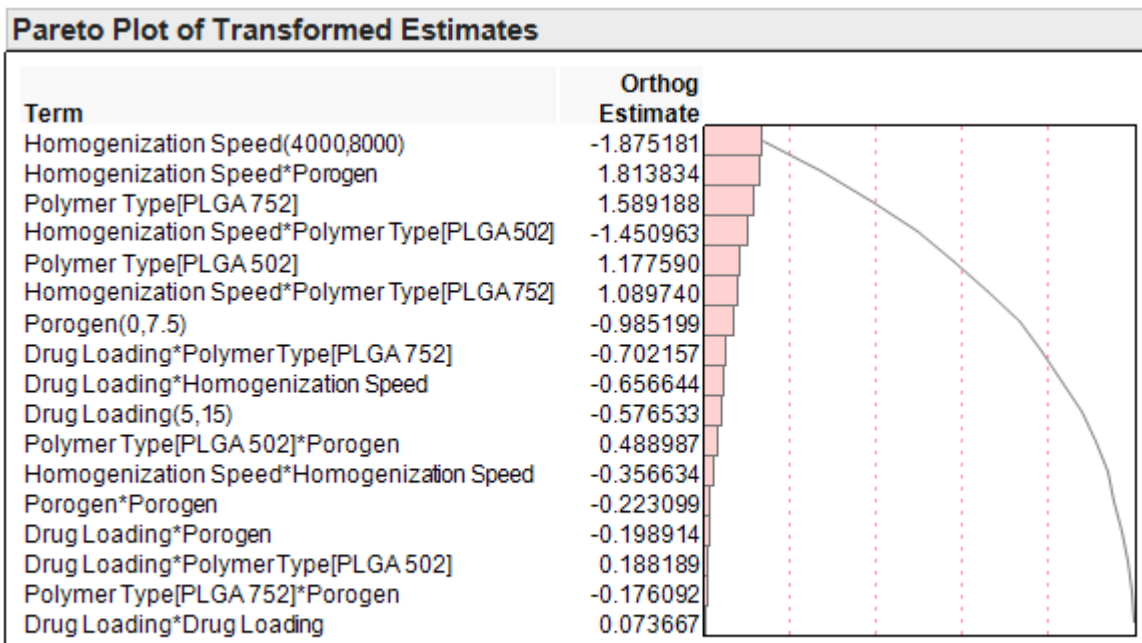


Supplementary Information

Pareto Chart Analysis for AD

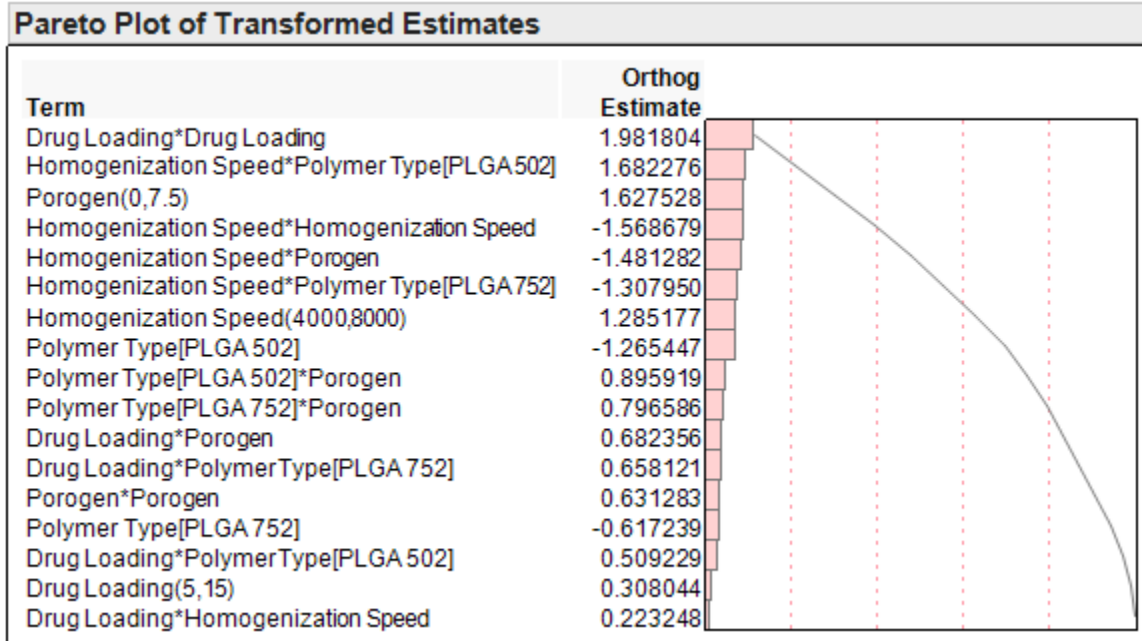


Pareto Chart Analysis for FPF

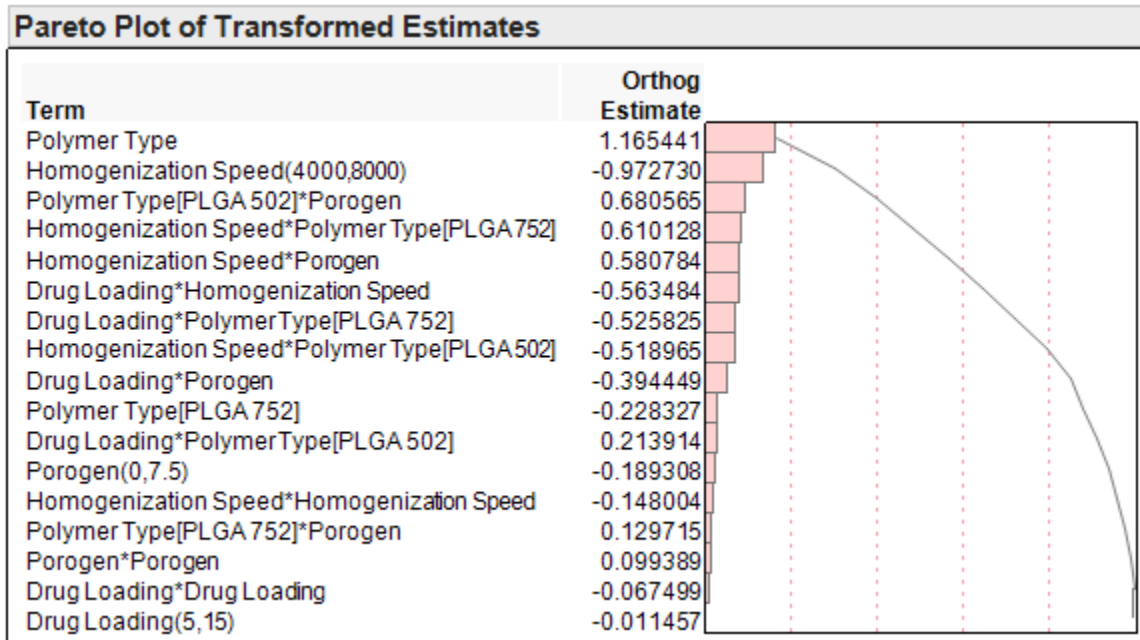


Supplementary Information

Pareto Chart Analysis for Surface Energy

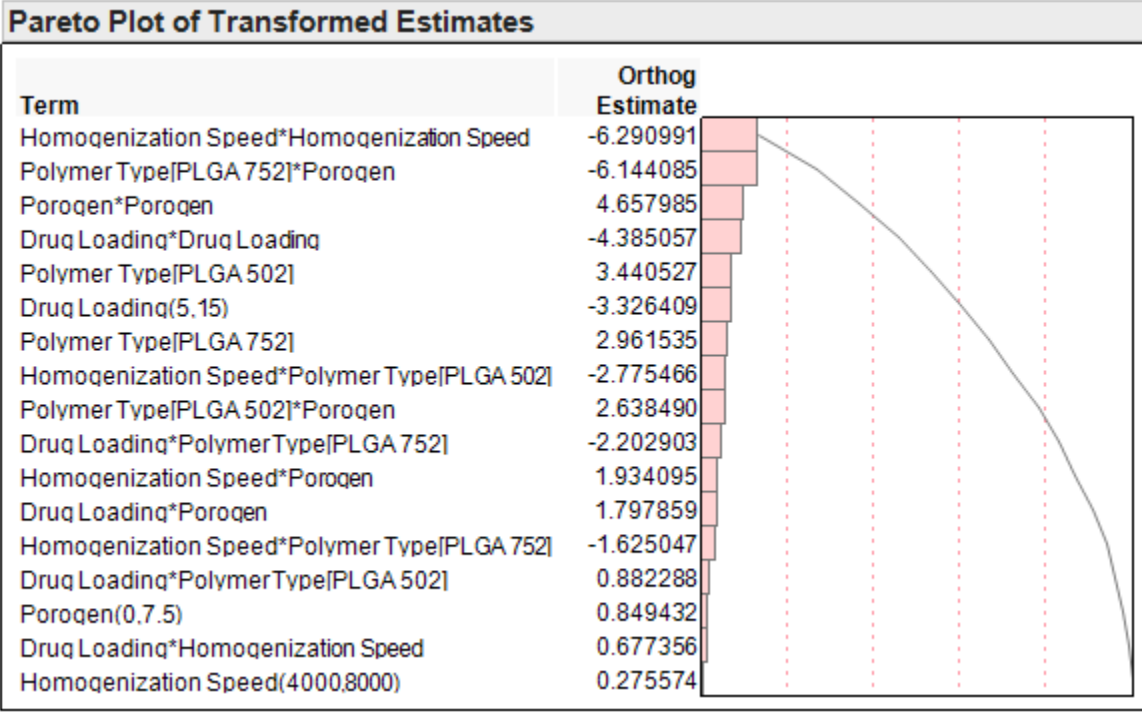


Pareto Chart Analysis for GSD

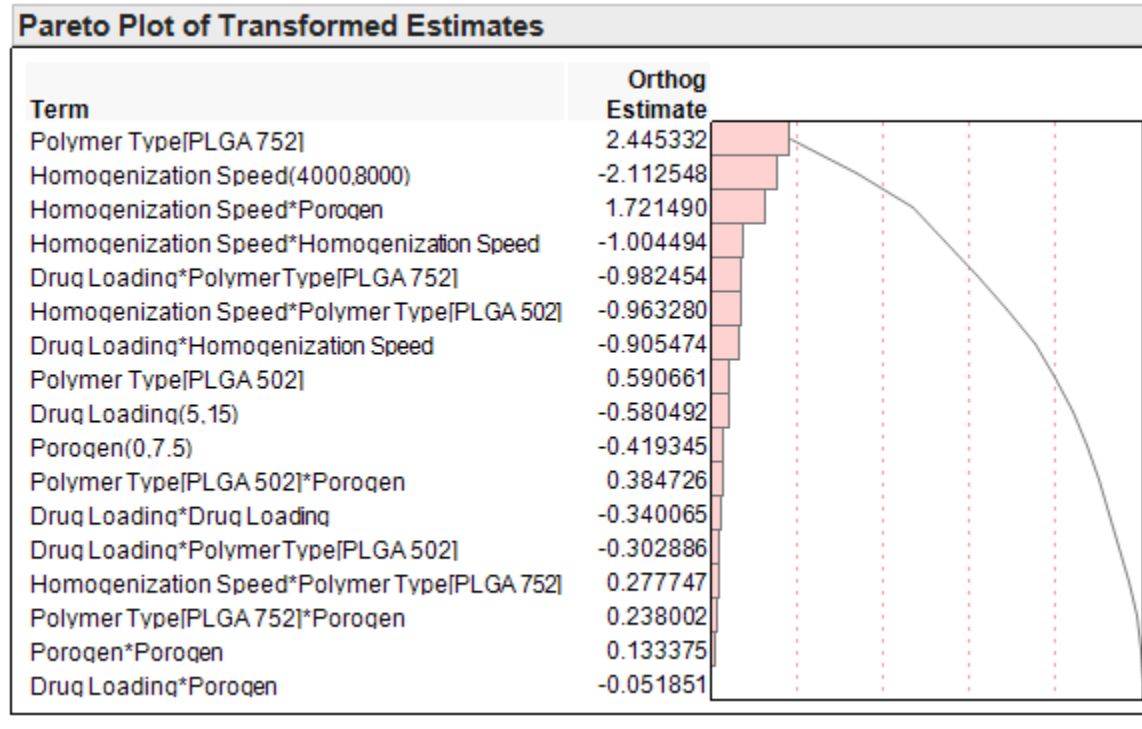


Supplementary Information

Pareto Chart Analysis for Span

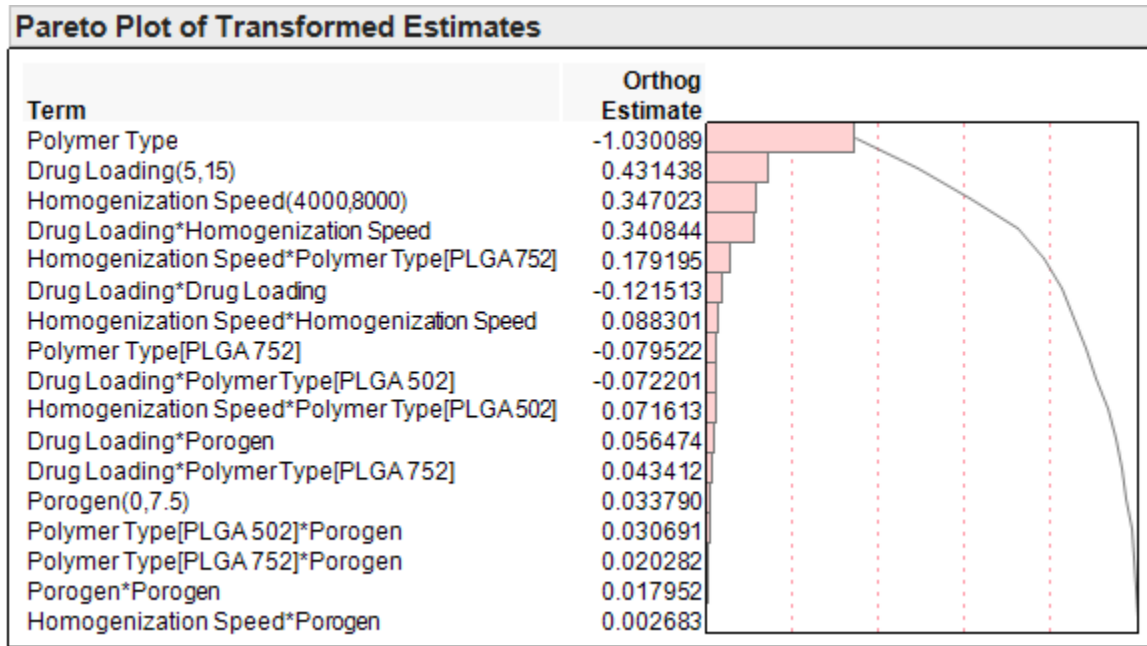


Pareto Chart Analysis for tMMAD

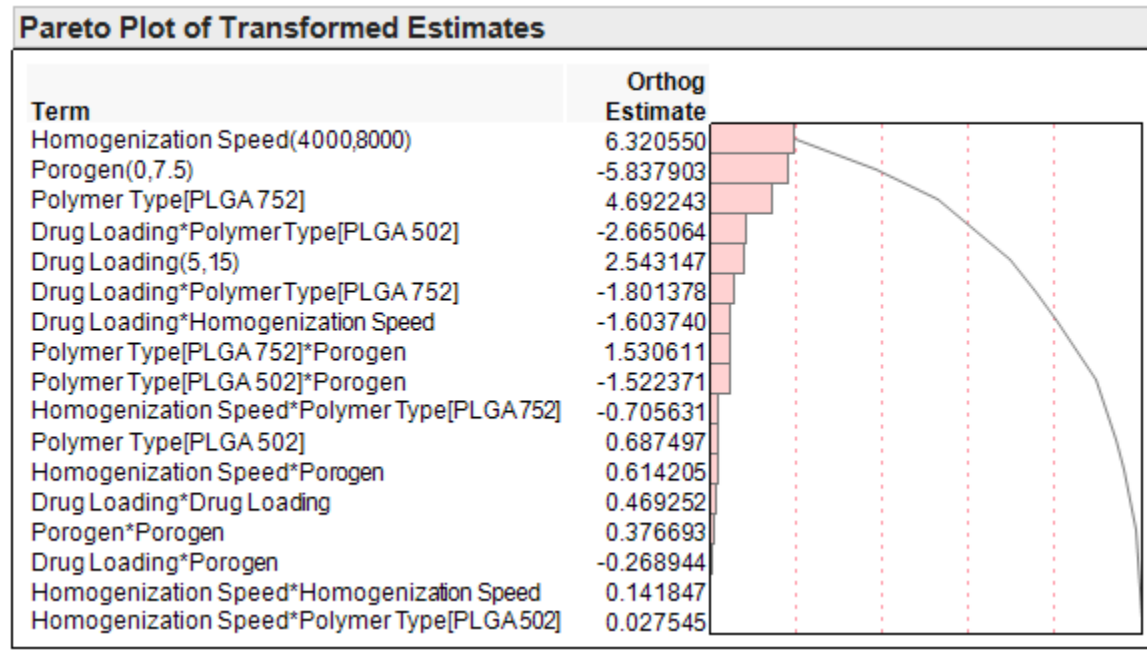


Supplementary Information

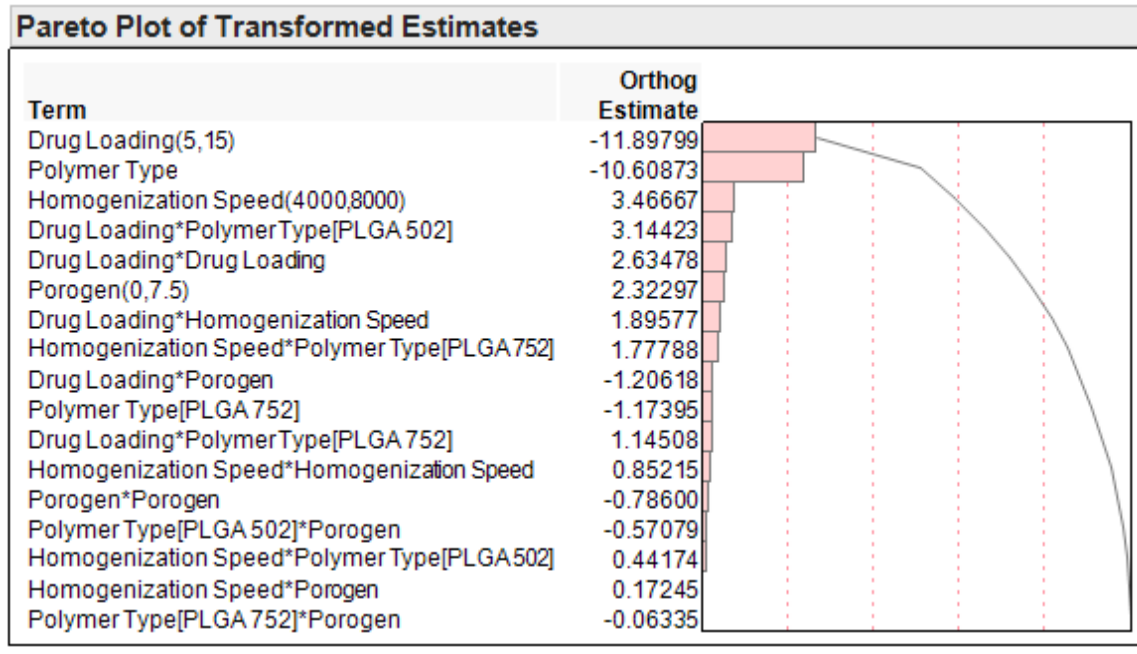
Pareto Chart Analysis for Practical Loading



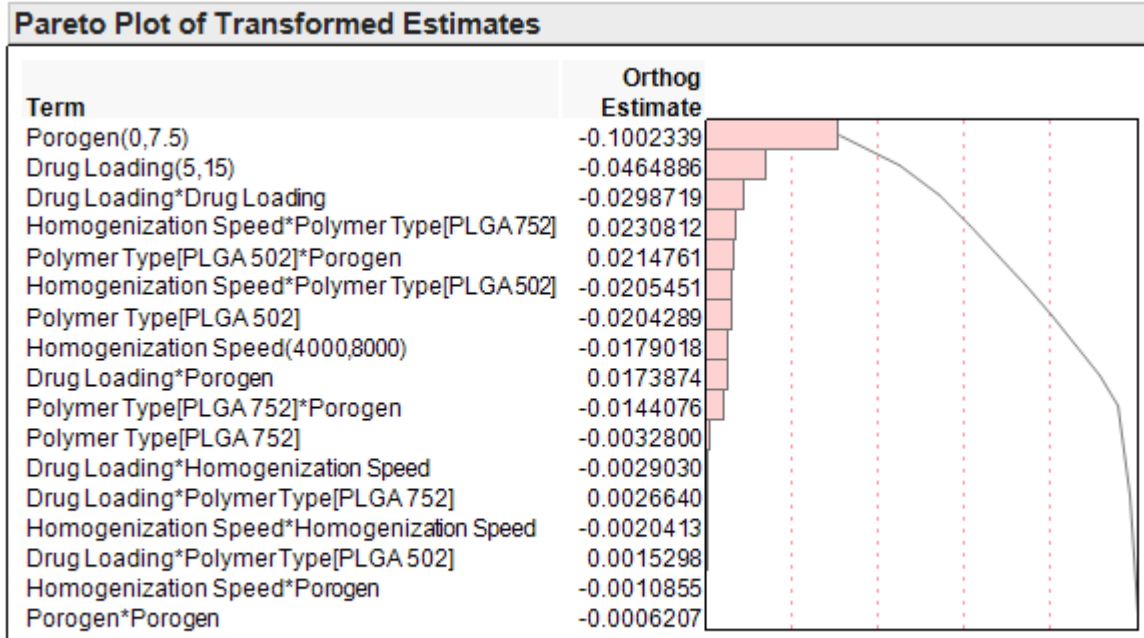
Pareto Chart Analysis for Geometric diameter



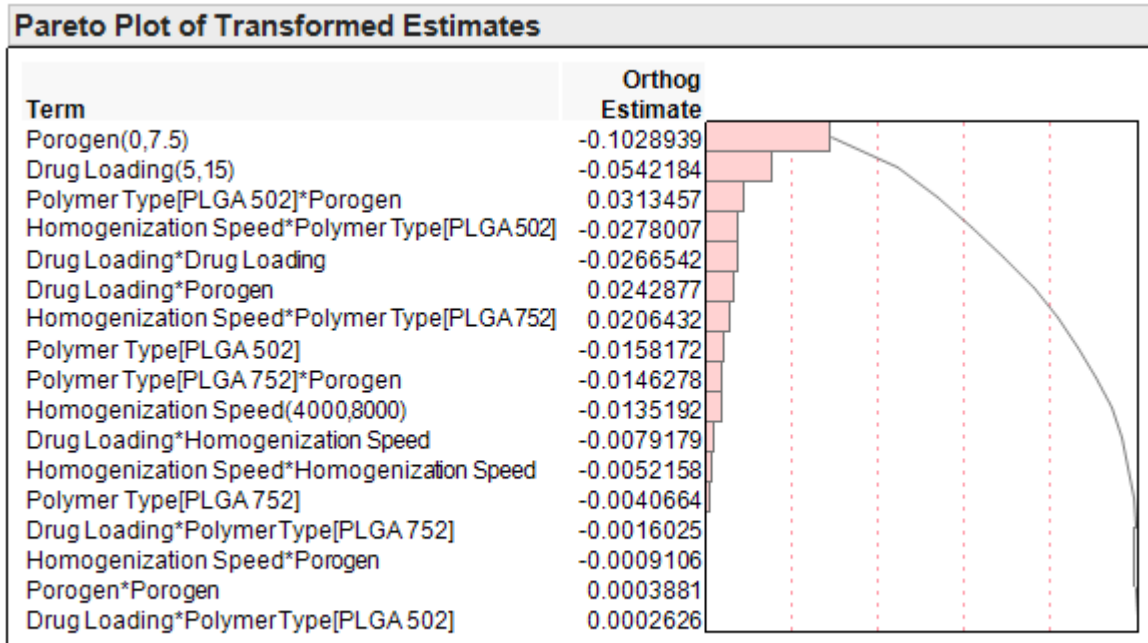
Pareto Chart Analysis for Entrapment Efficiency



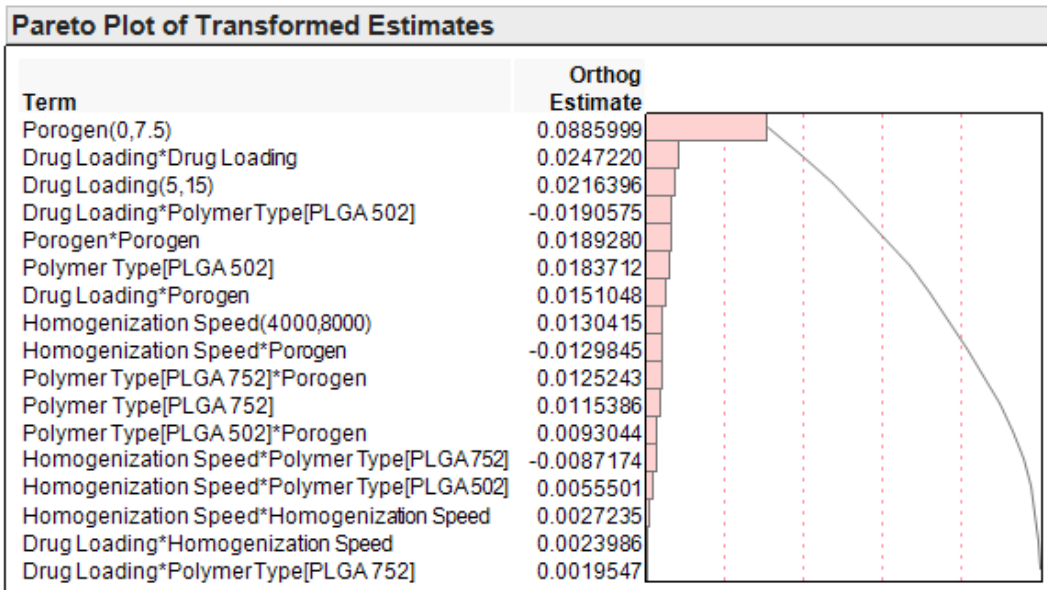
Pareto Chart Analysis for Poured Density



Pareto Chart Analysis for Tapped Density



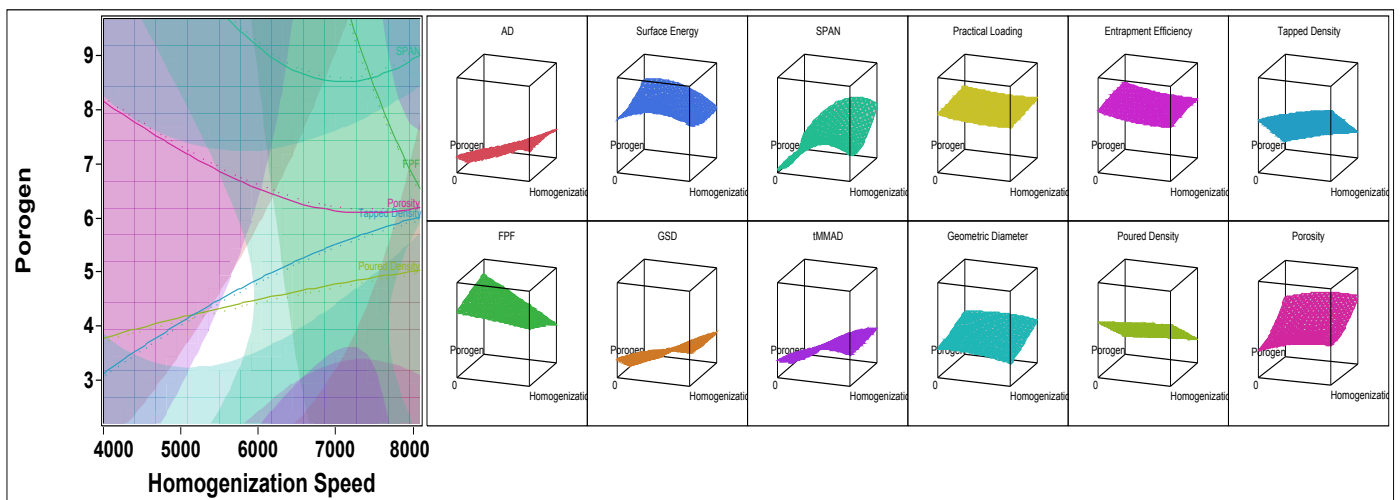
Pareto Chart Analysis for Porosity



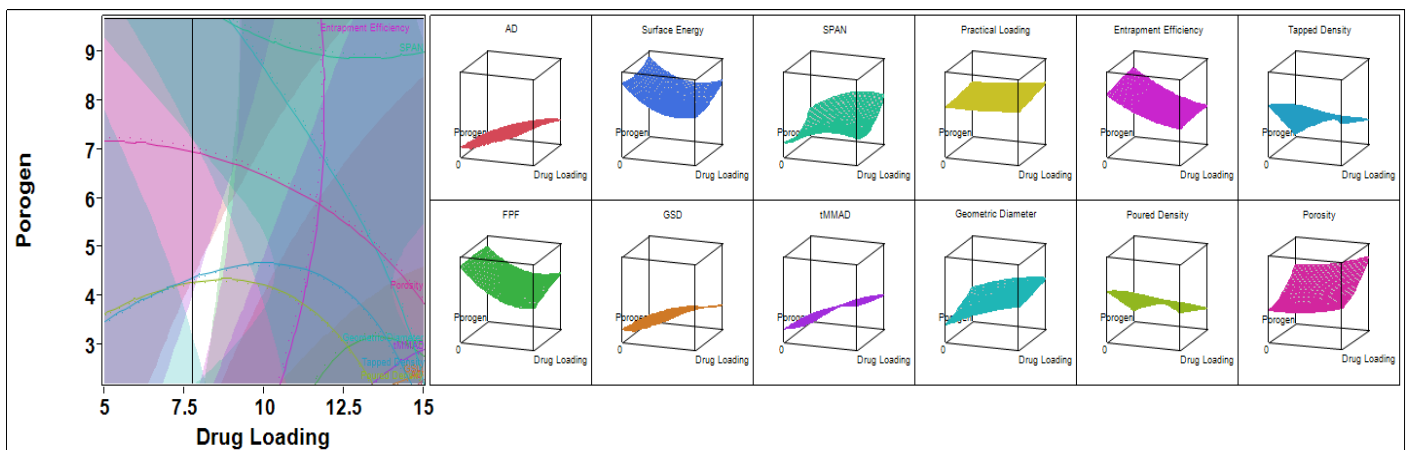
Supplementary Information

Surface profiler explaining the relationship between factors and responses measurements of VLPP fabricated from PLA. This has been mentioned as supplementary information since design space was only identified in the case of VLPP fabricated from PLA.

A) Surface profiler between porogen and homogenization speed and its relation with various response parameters measured



B) Surface profiler between porogen and drug loading and its relation with various response parameters measured



C) Surface profiler between homogenization speed and drug loading and its relation with various response parameters measured

