Provide Factor Details

D-Optimal Designs are supported for any number of factors, which can be continuous discrete, categorical, or blocks. For continuous factors, provide the upper and lower limits as comma separated values, e.g., -1, 1. For discrete, categorical, or blocking factors, provide the allowable values as comma separated values. Note: if blocking factors are included, it is recommended to choose a number of runs that is divisible by the number of blocks.

All entiries in the table below must be completed. Factor Names can only contain letters, numbers, and underscores. Do NOT use spaces or special characters in the factor names.

Note: Add or remove rows by right clicking on a row.

| | Factor Names | Factor Type | Level Values |
|---|-------------------|-------------|----------------------------|
| 1 | Temperature | Continuous | 5, 25 |
| 1 | Reaction_Duration | Continuous | 30, 120 |
| 1 | Solvent | Categorical | ▼ Ethanol, Acetone, Octane |
| 1 | Number_Additions | Discrete | 2, 4, 8 |
| 1 | Concentration_A | Continuous | 50, 100 |

Next

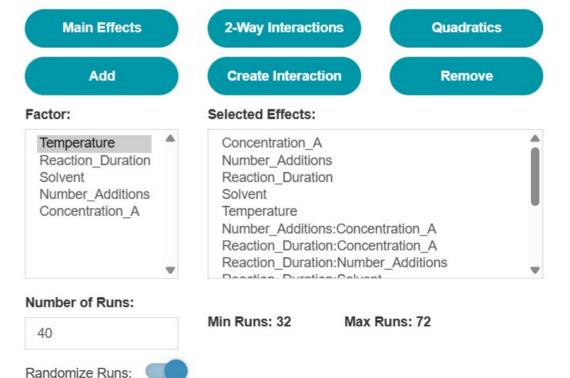
Cancel

Design Details

Selected Design: D-Optimal

Level Values **Factor Names Factor Type** Temperature Continuous 5, 25 Reaction Duration Continuous 30, 120 Solvent Categorical Ethanol, Acetone, Octane Number Additions Discrete 2, 4, 8 Concentration_A Continuous 50, 100

For a D-Optimal design, it's essential to identify the effects you wish to estimate in advance. Please use the interface below to select all relevant effects, including main effects, interactions, quadratic terms, and any other higher-order effects.



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