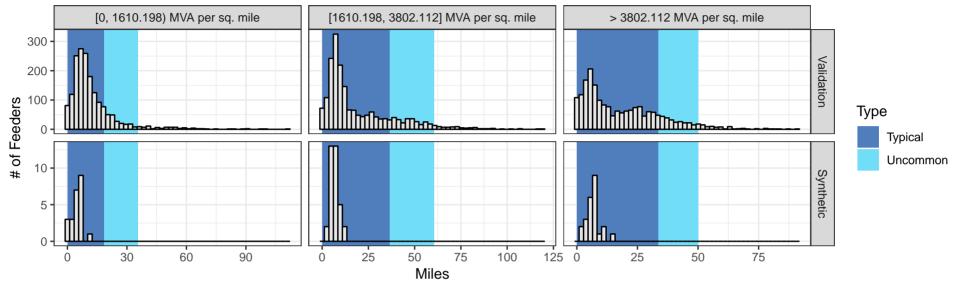
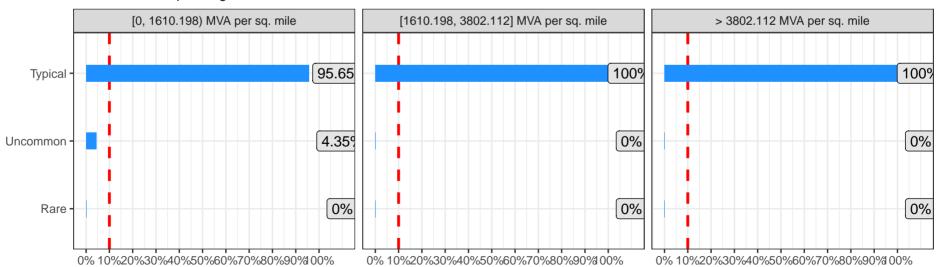
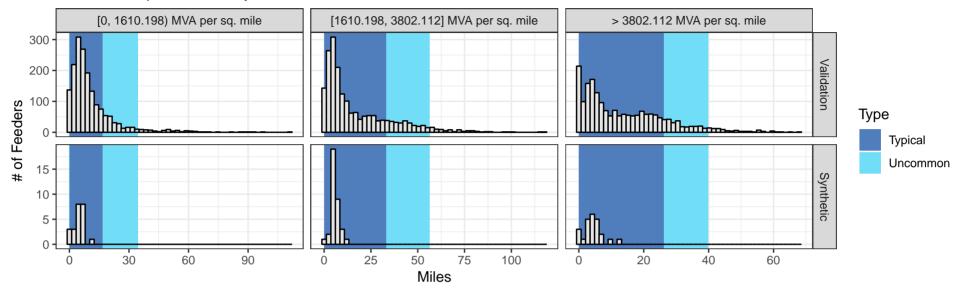
MV 3 Phase Line Length Partition Groups: KVA Density Class



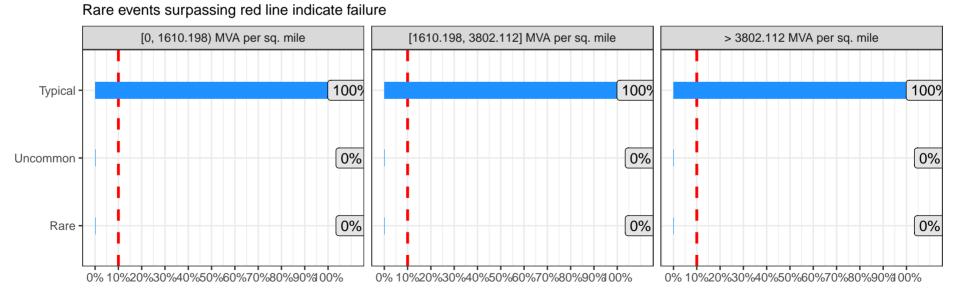
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



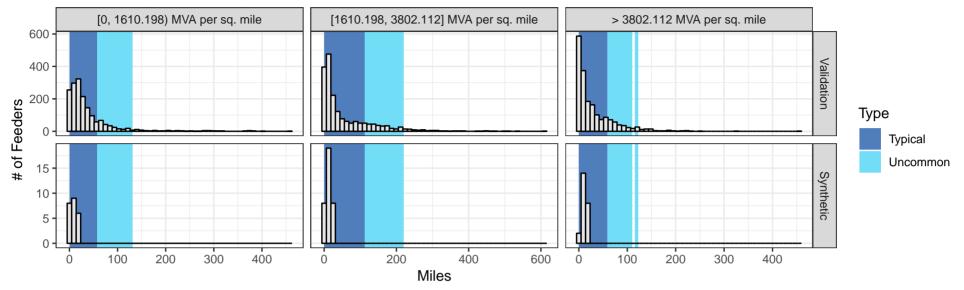
### MV Overhead 3 Phase Line Length



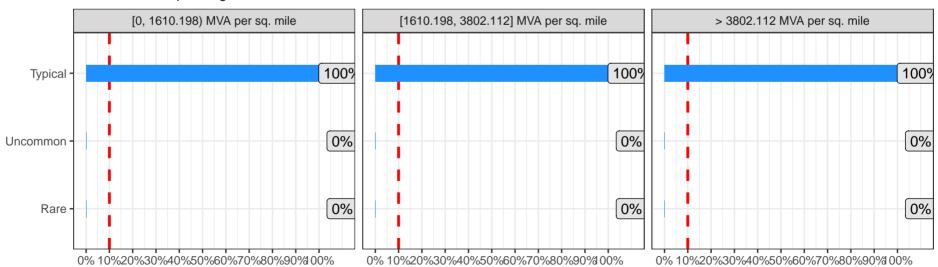
% of Synthetic Feeders by Validation Class



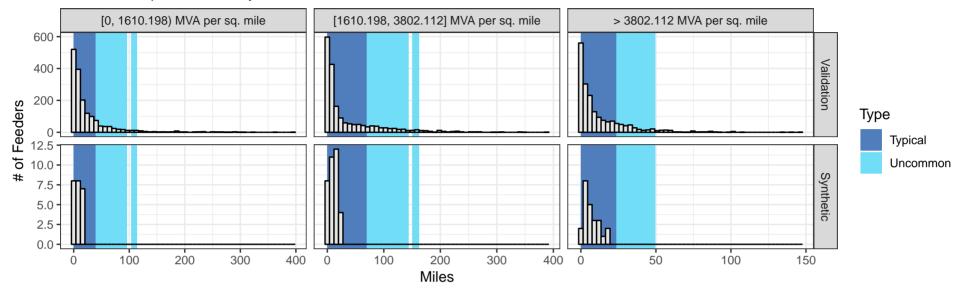
MV 1 & 2 Phase Line Length Partition Groups: KVA Density Class



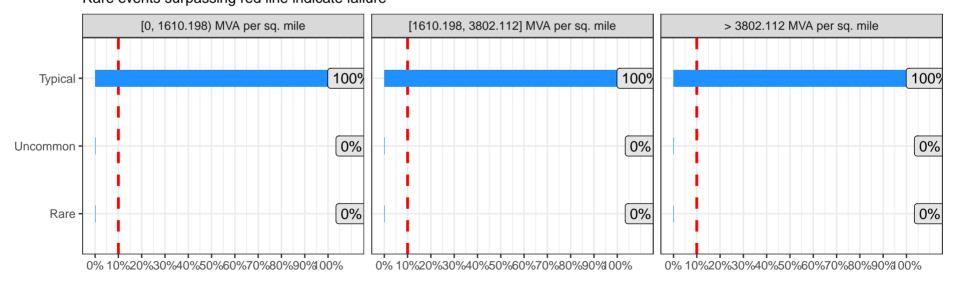
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



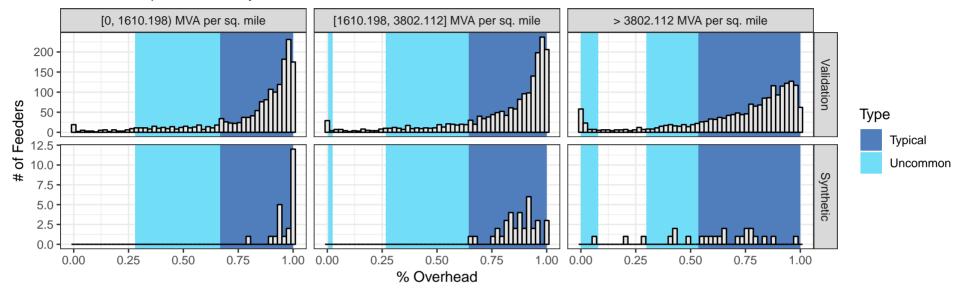
### MV Overhead 1 & 2 Phase Line Length



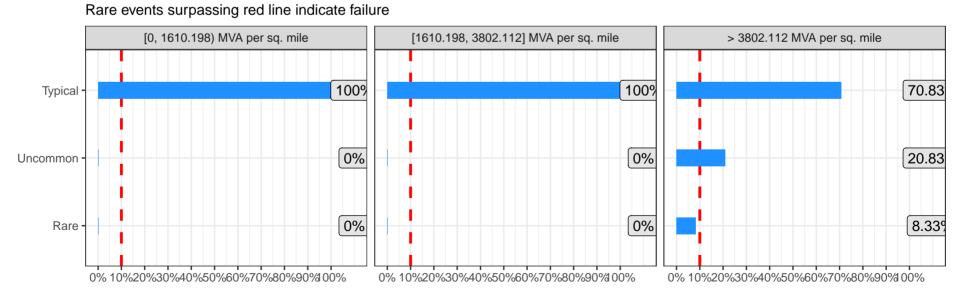
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



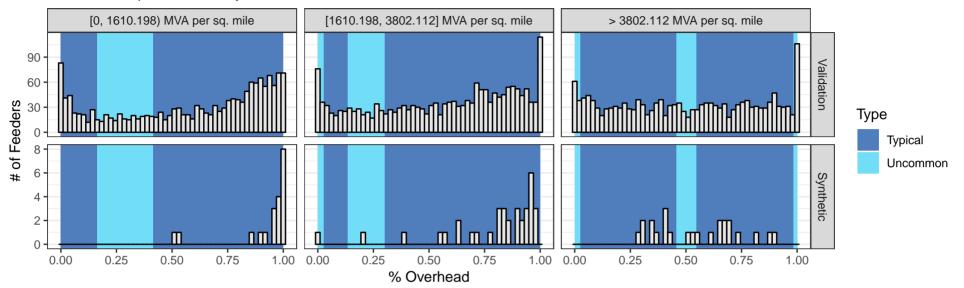
#### Percent of Overhead 3 Phase Lines



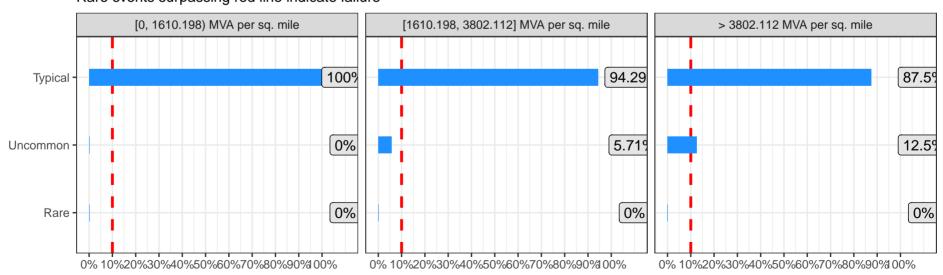
% of Synthetic Feeders by Validation Class



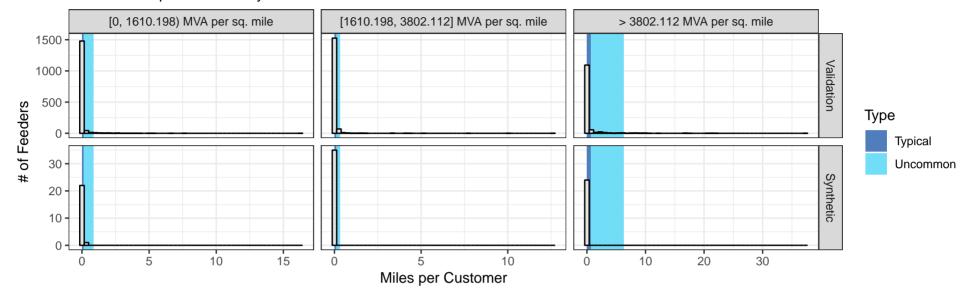
#### Percent of Overhead 1 & 2 Phase Lines



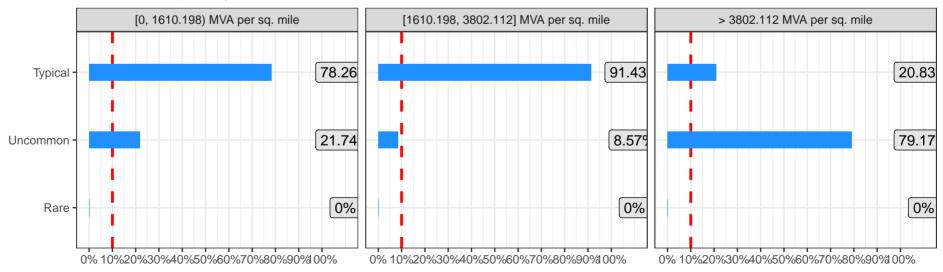
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



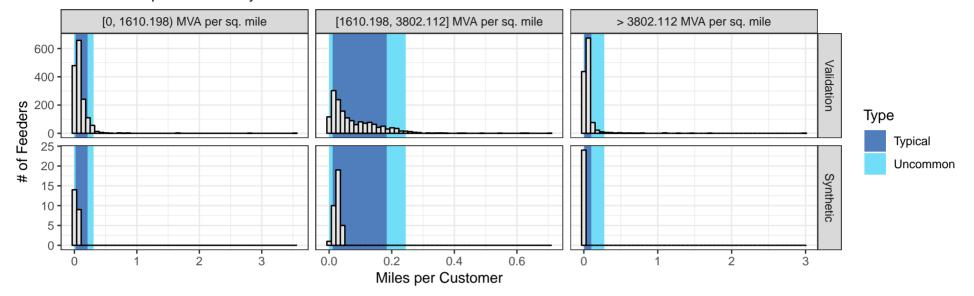
## Ratio of MV 3 Phase Line Length to Number of Customers Partition Groups: KVA Density Class



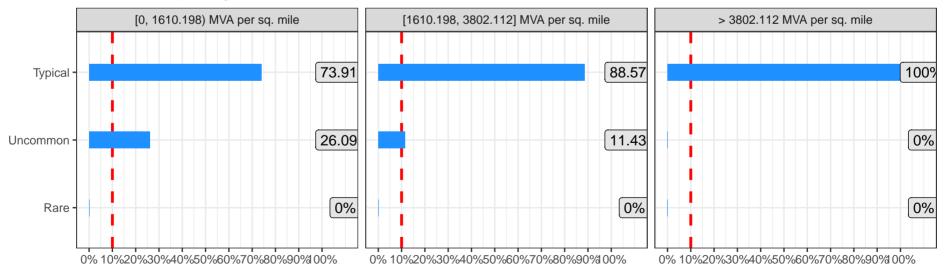
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



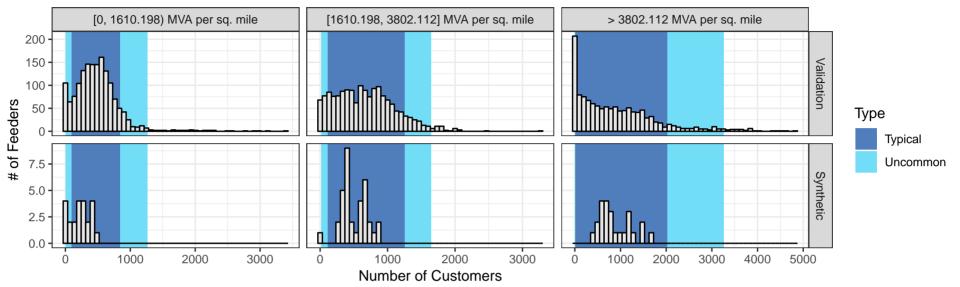
Ratio of MV 1 & 2 Phase Line Length to Number of Customers Partition Groups: KVA Density Class



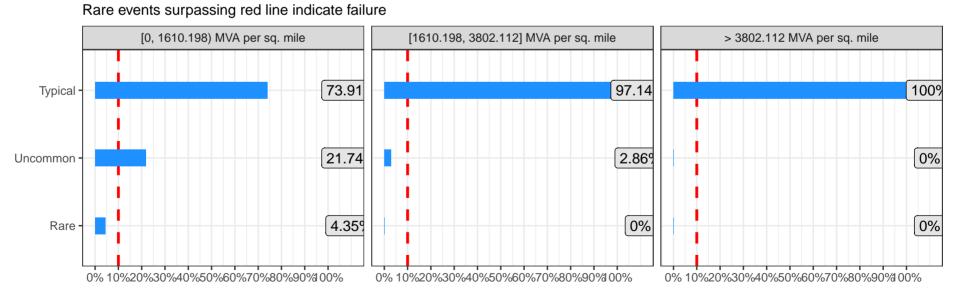
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



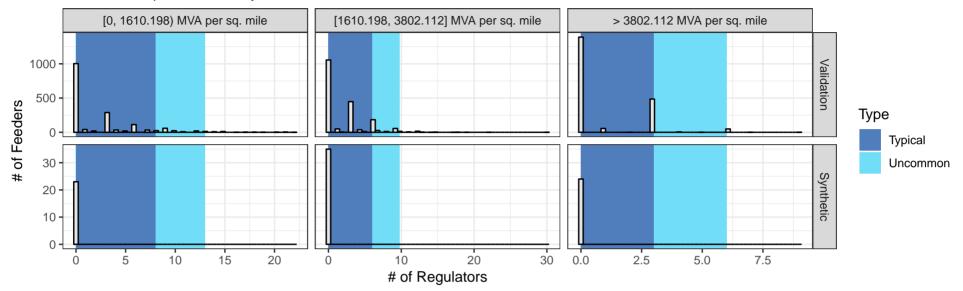
#### **Number of Customers**



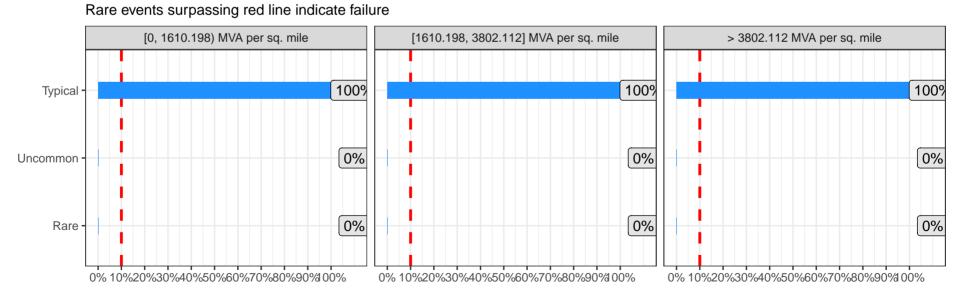
% of Synthetic Feeders by Validation Class



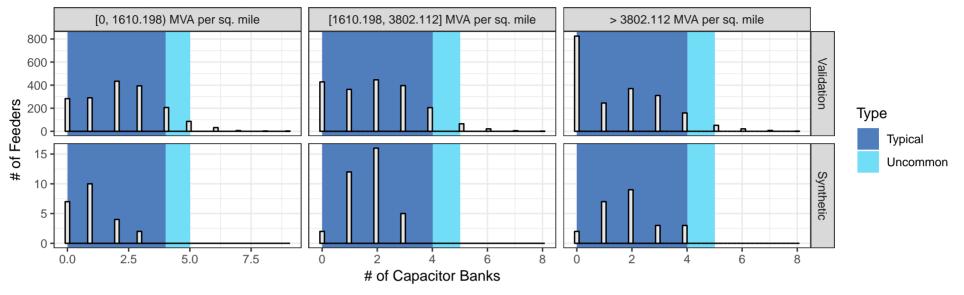
### **Number of Regulators**



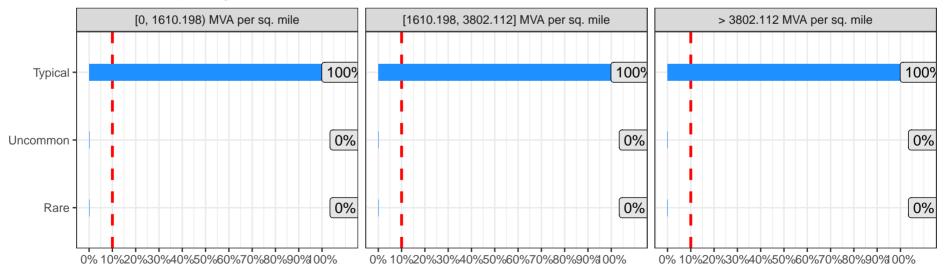
% of Synthetic Feeders by Validation Class



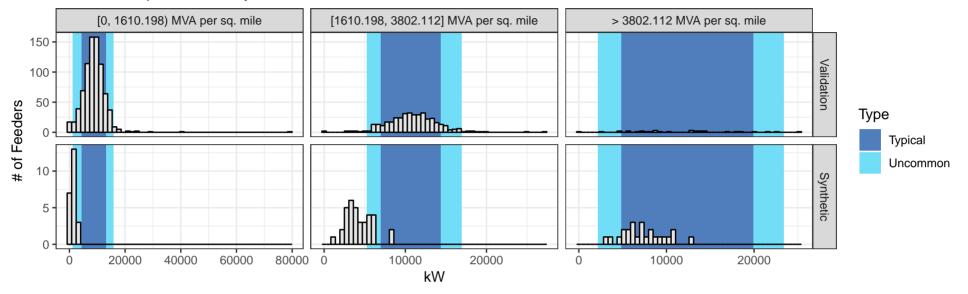
## Number of Capacitor Banks Partition Groups: KVA Density Class



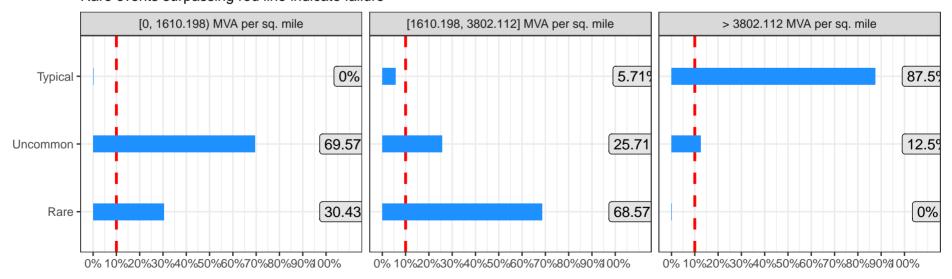
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



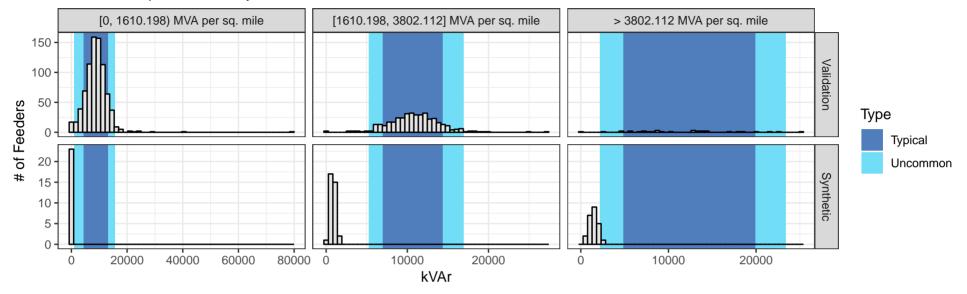
Total Demand
Partition Groups: KVA Density Class



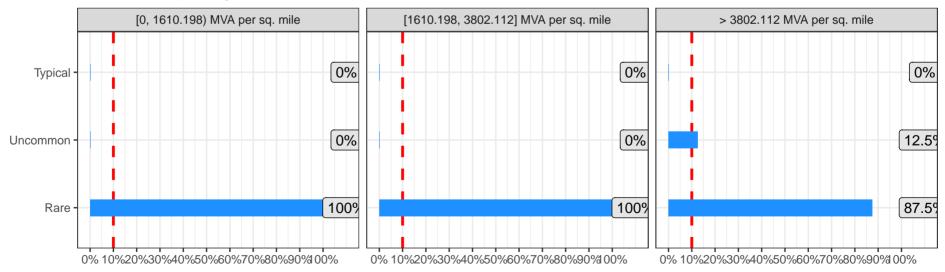
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



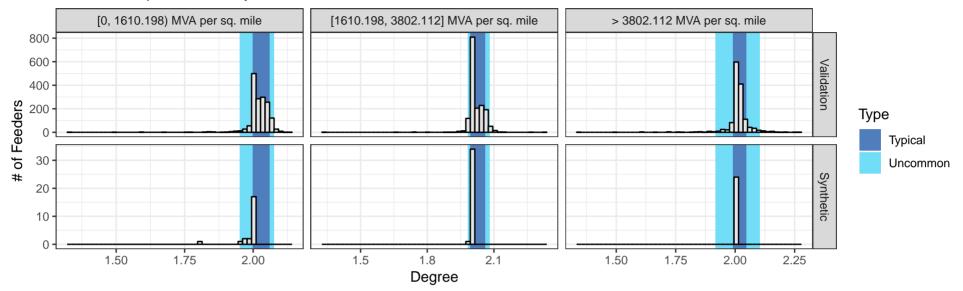
Total Reactive Power
Partition Groups: KVA Density Class



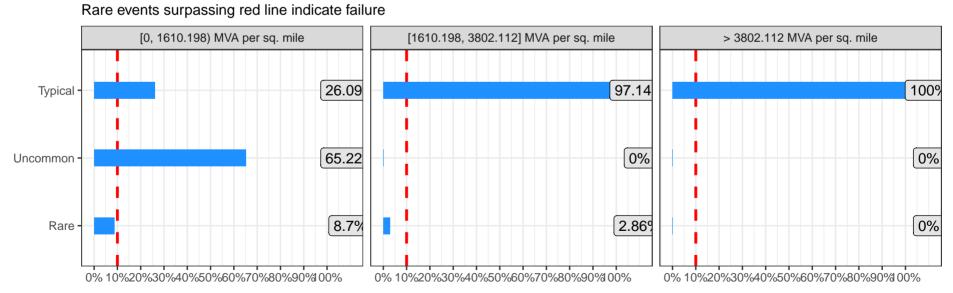
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



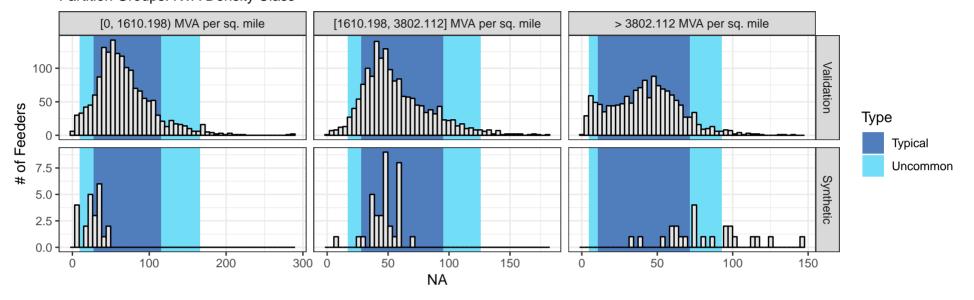
### Average Degree



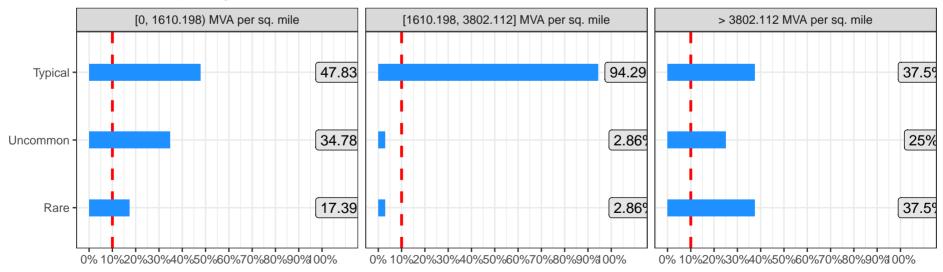
% of Synthetic Feeders by Validation Class



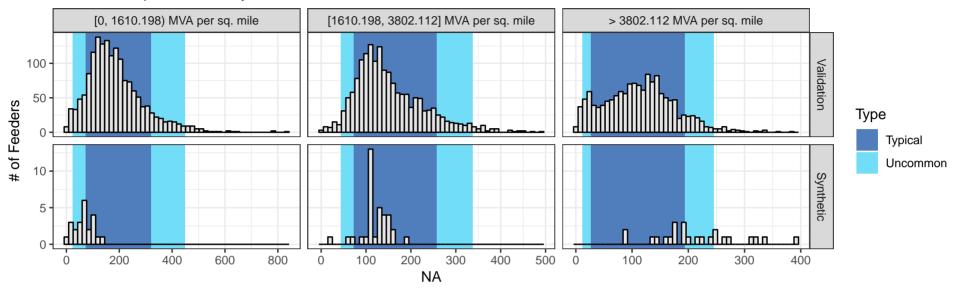
Char Path Length
Partition Groups: KVA Density Class



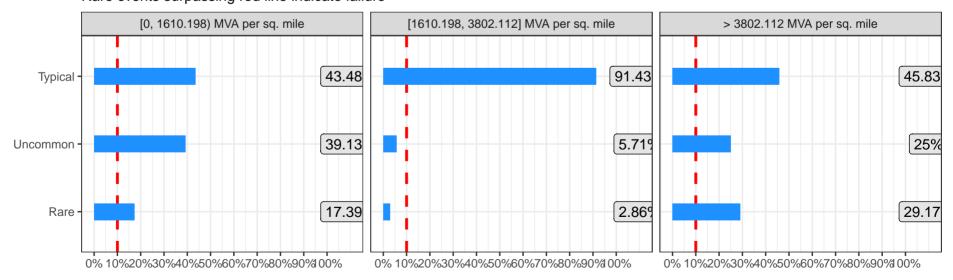
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



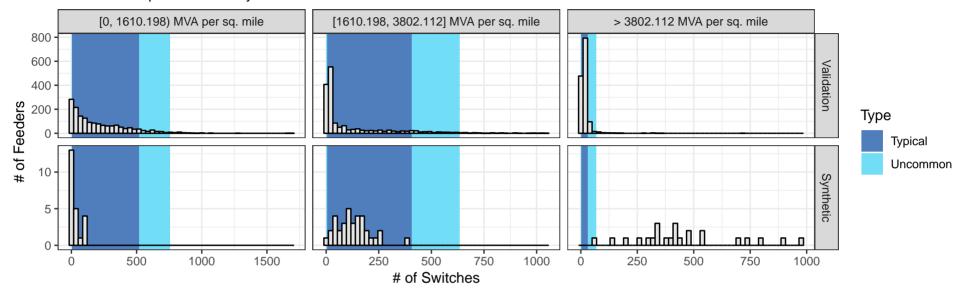
## **Graph Diameter**



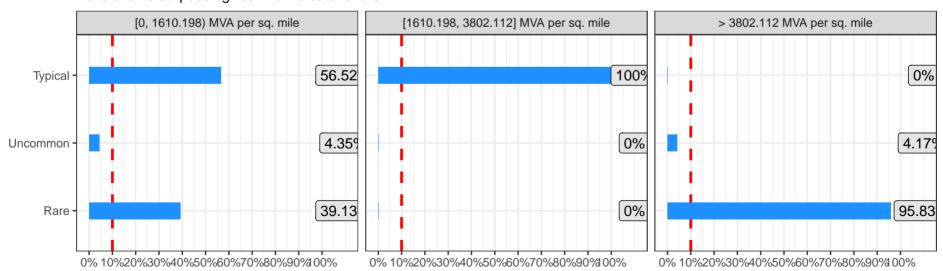
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



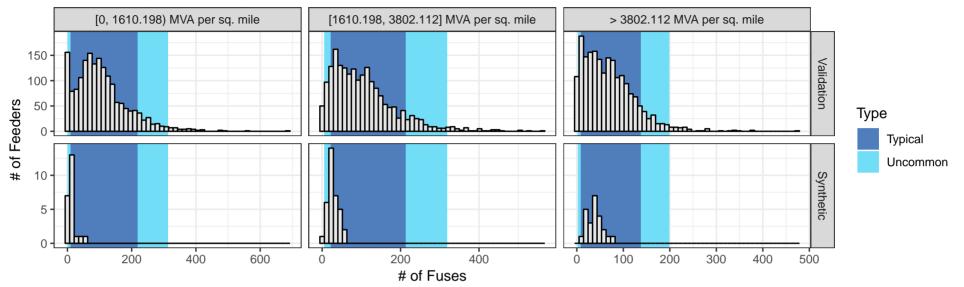
## Number of Switches Partition Groups: KVA Density Class



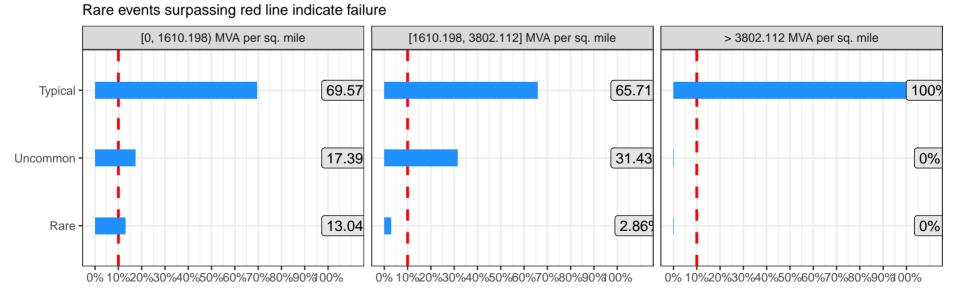
% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



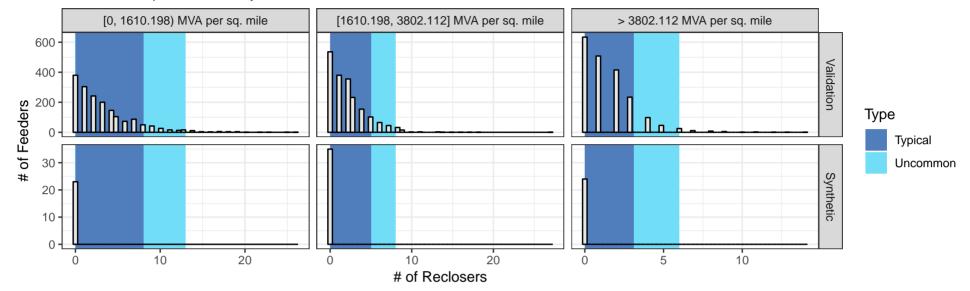
#### Number of Fuses



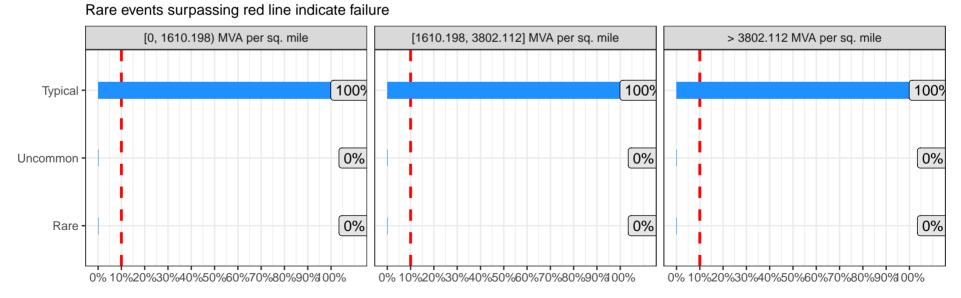
% of Synthetic Feeders by Validation Class



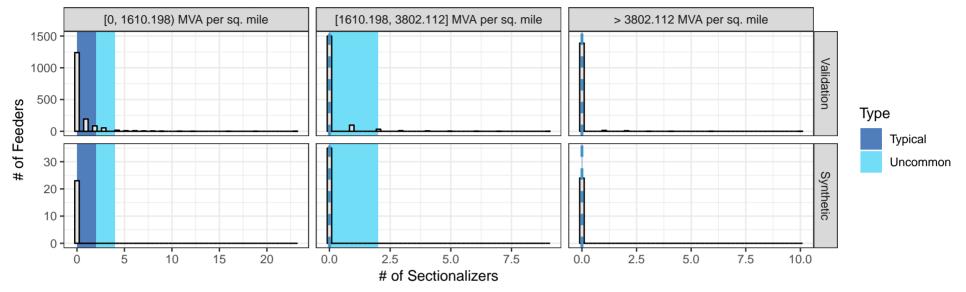
#### Number of Reclosers



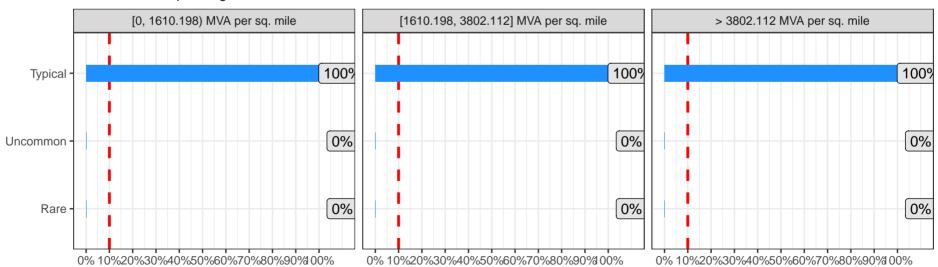
% of Synthetic Feeders by Validation Class



# Number of Sectionalizers Partition Groups: KVA Density Class

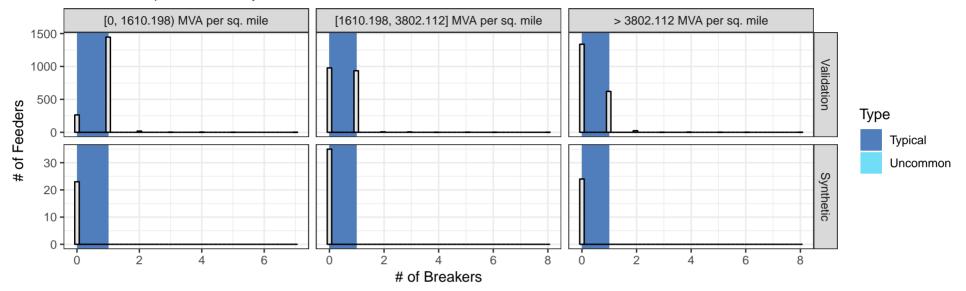


% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure



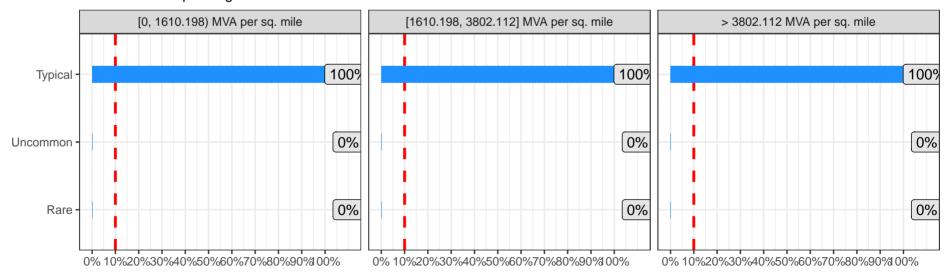
## Number of Breakers

Partition Groups: KVA Density Class

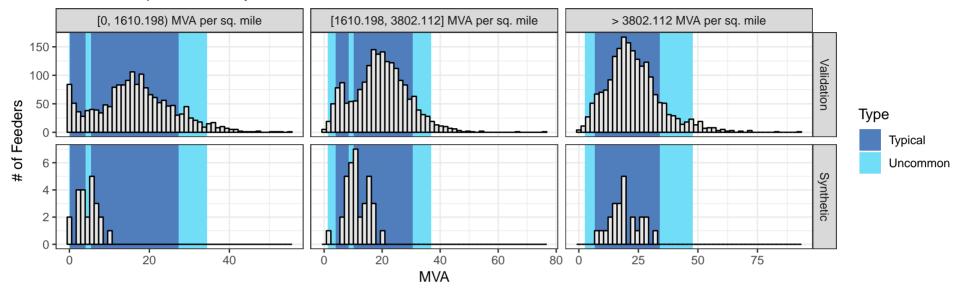


% of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



## **Distribution Transformer Total Capacity**



% of Synthetic Feeders by Validation Class Rare events surpassing red line indicate failure

