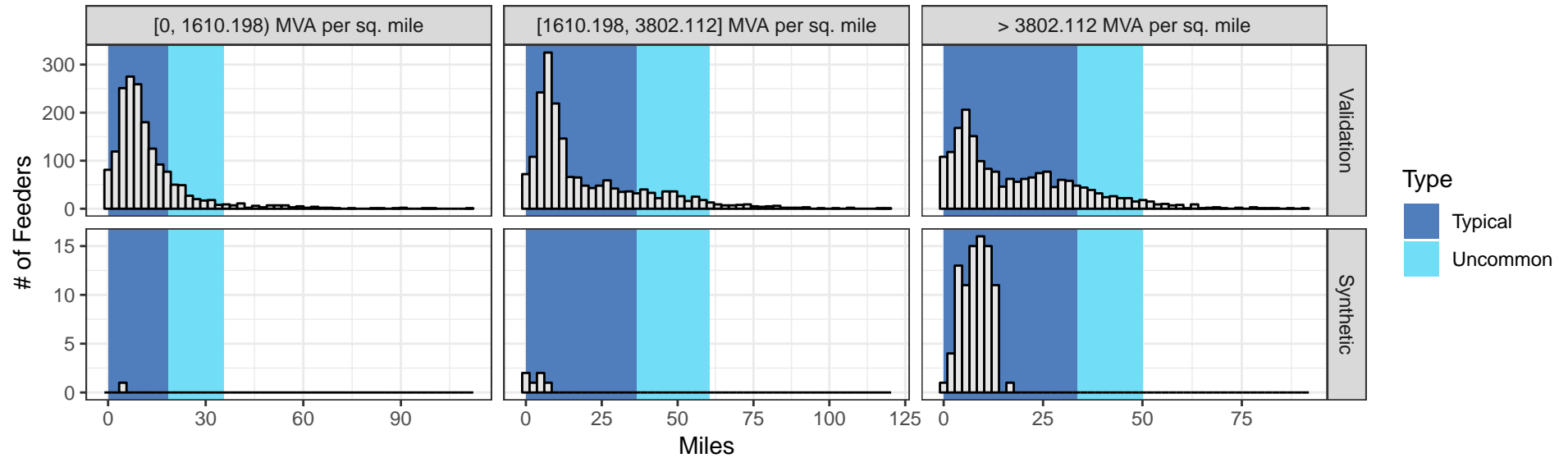


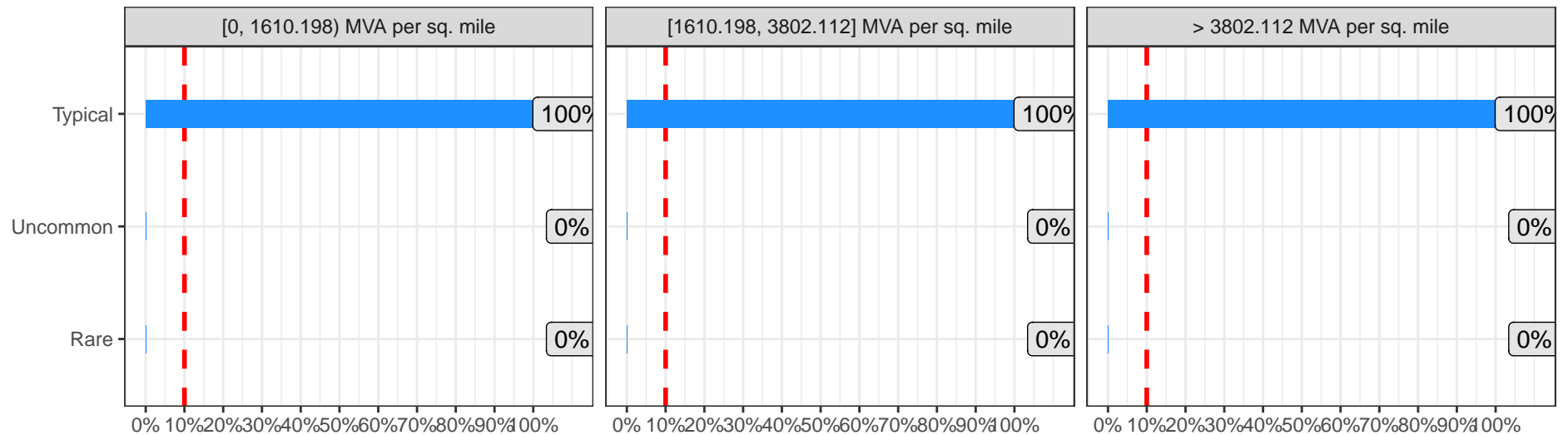
## MV 3 Phase Line Length

Partition Groups: KVA Density Class



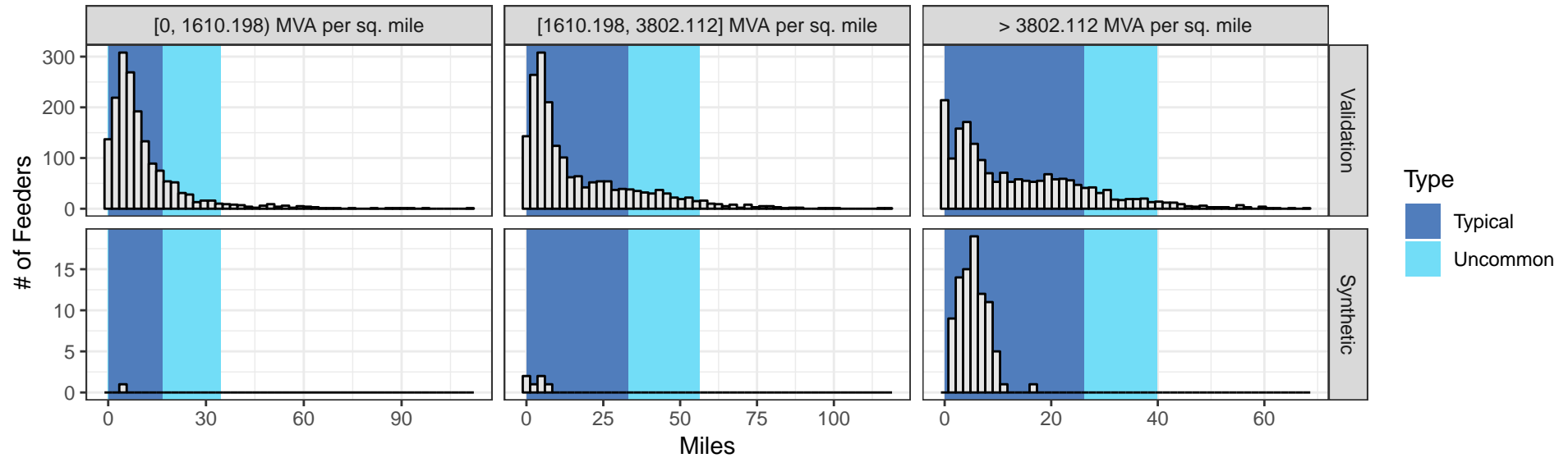
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



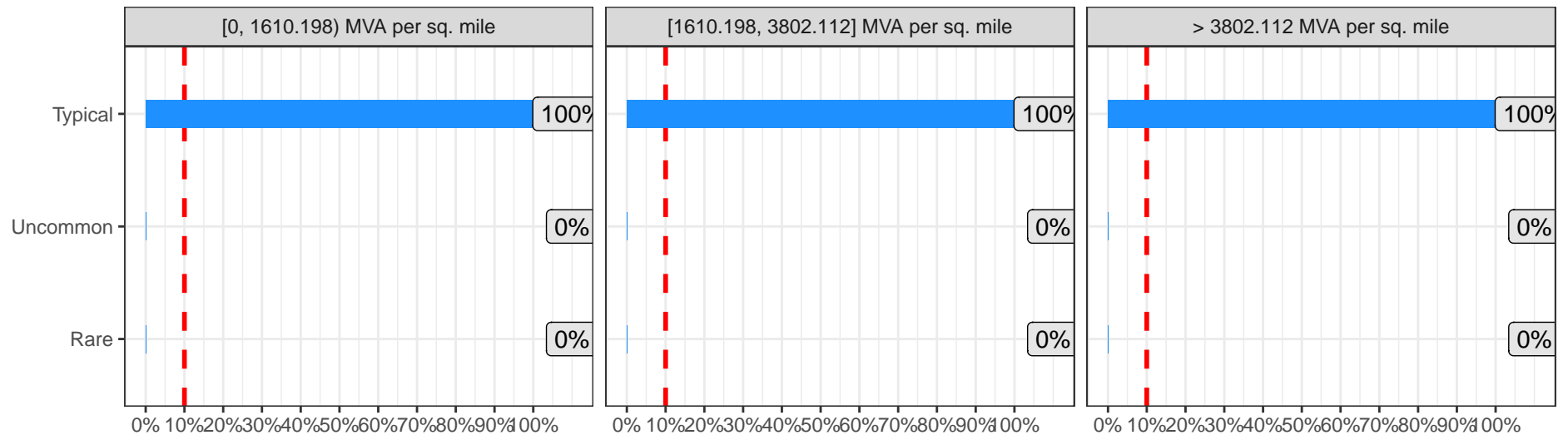
## MV Overhead 3 Phase Line Length

Partition Groups: KVA Density Class



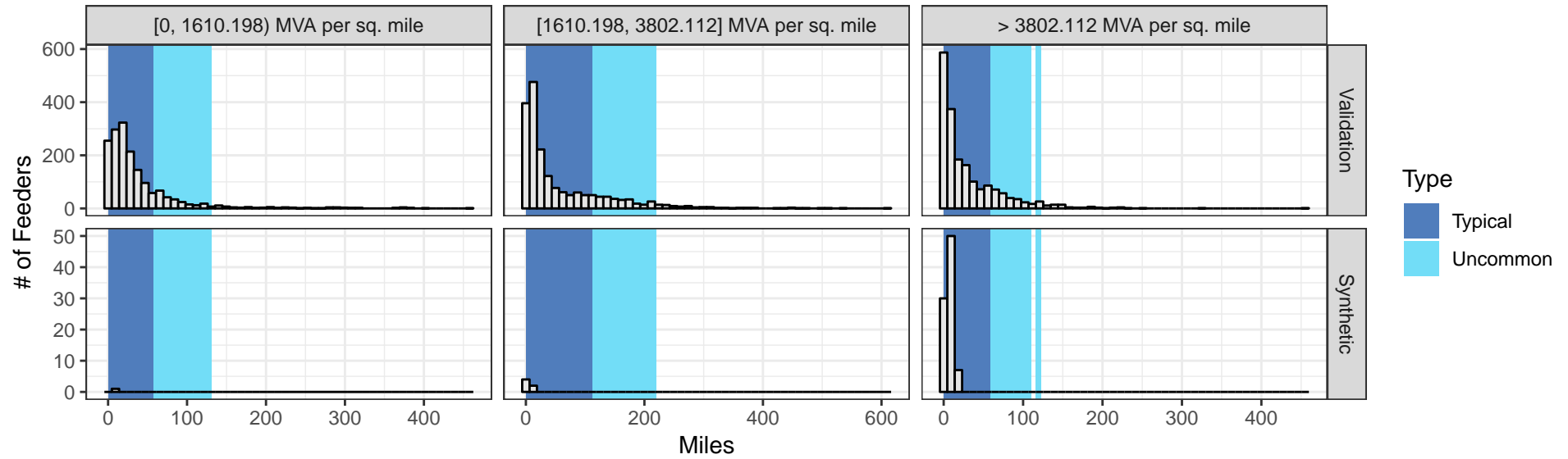
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



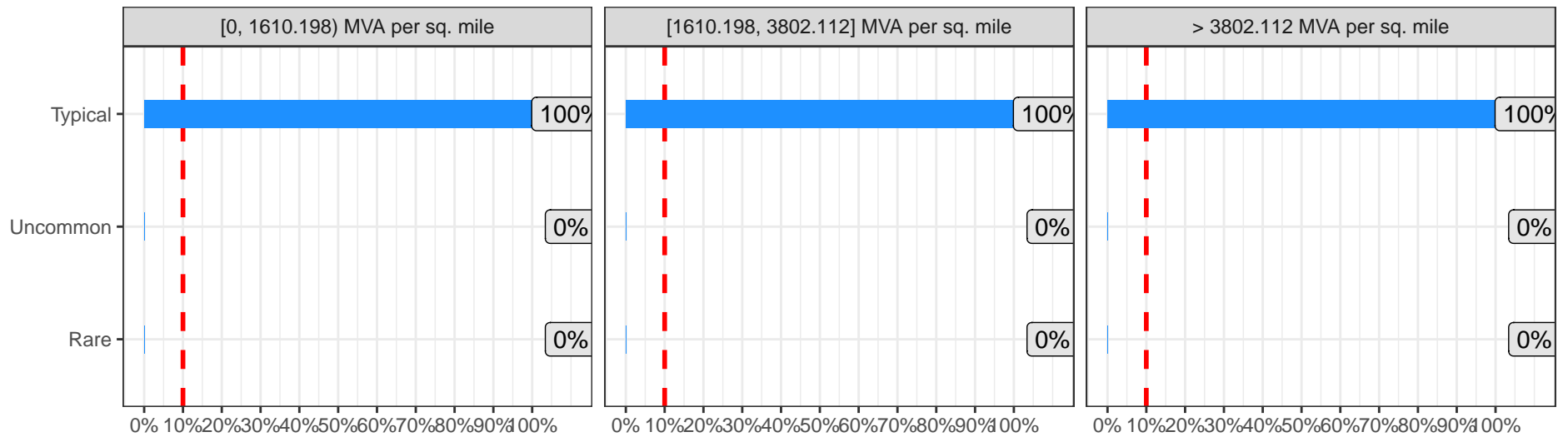
## MV 1 & 2 Phase Line Length

Partition Groups: KVA Density Class



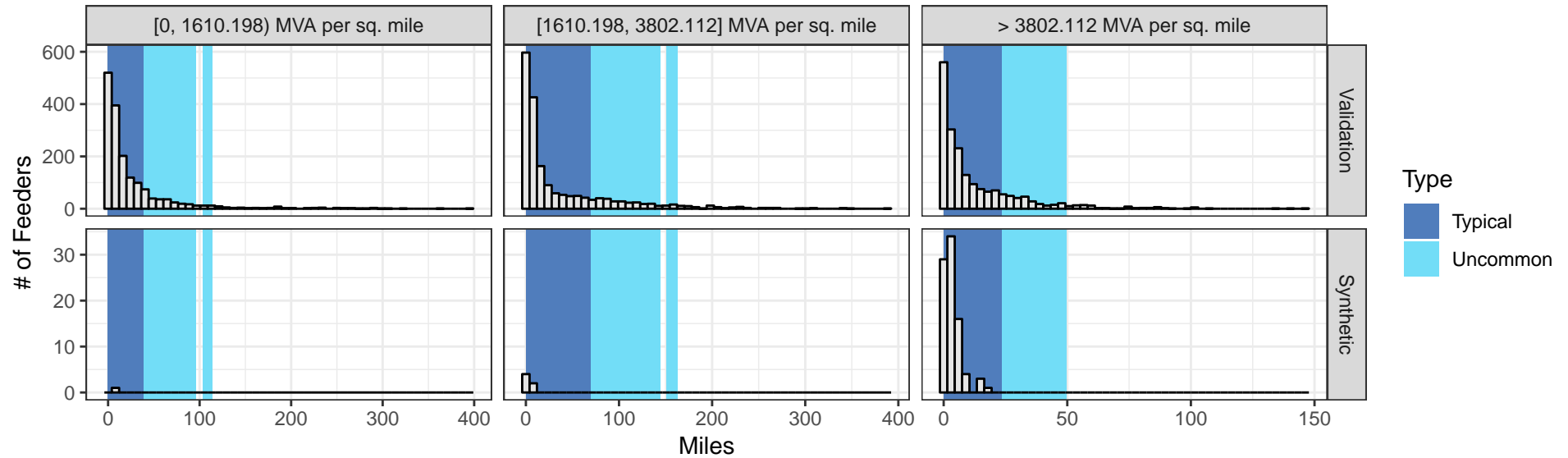
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



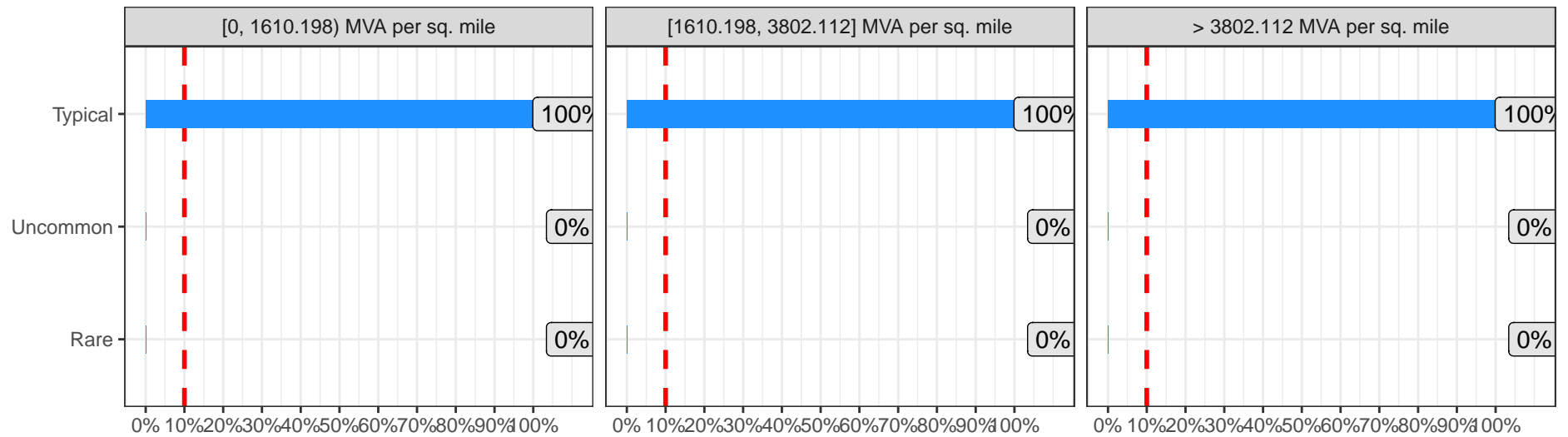
## MV Overhead 1 & 2 Phase Line Length

Partition Groups: KVA Density Class



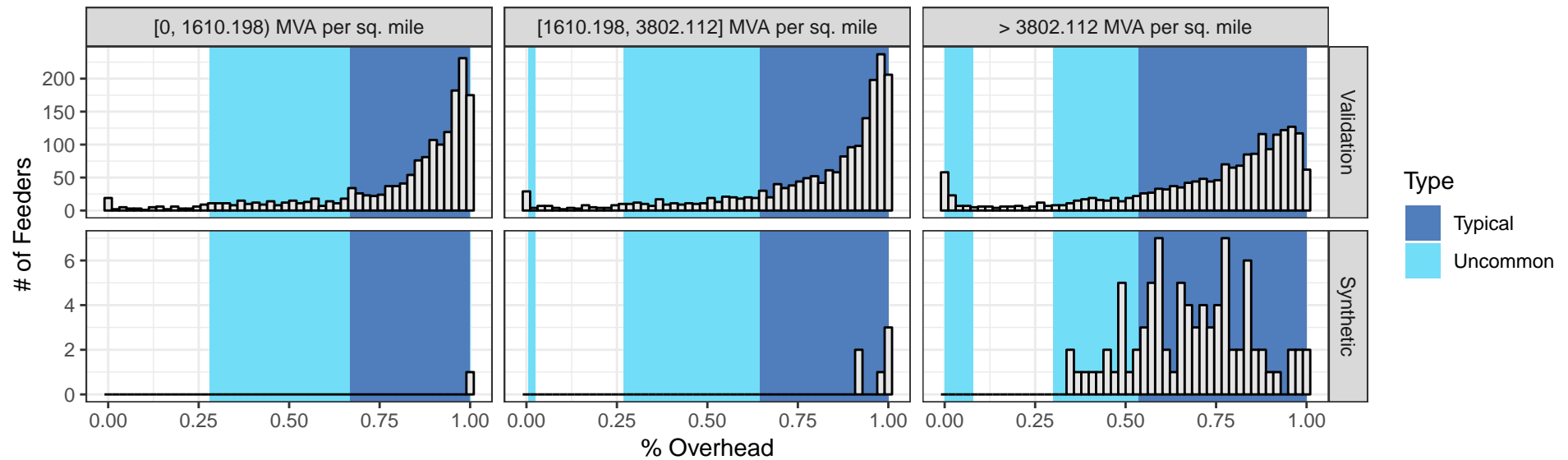
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



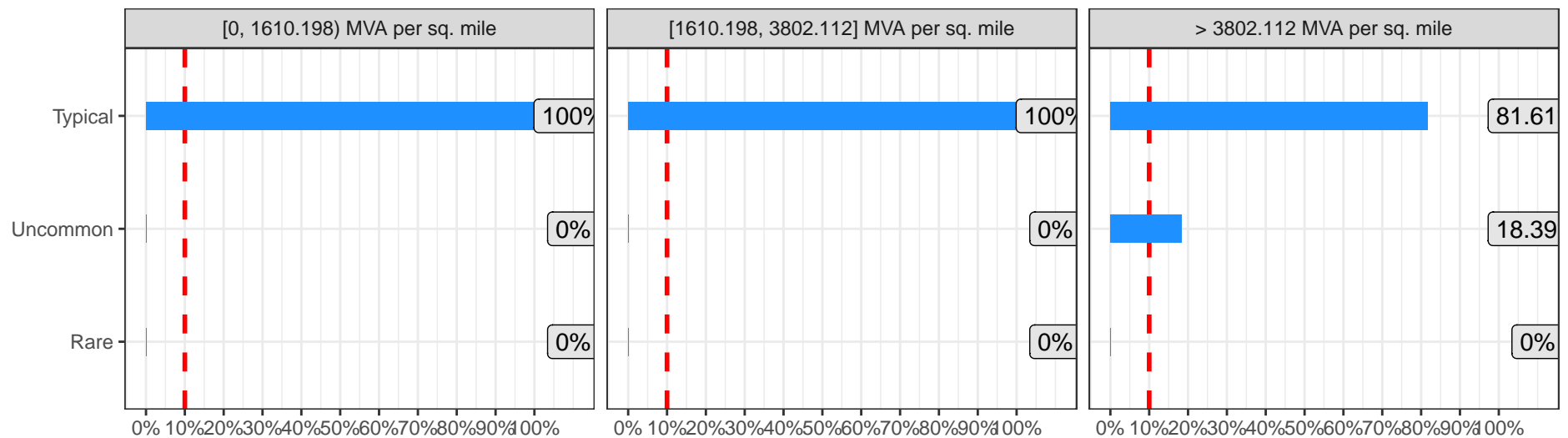
## Percent of Overhead 3 Phase Lines

Partition Groups: KVA Density Class



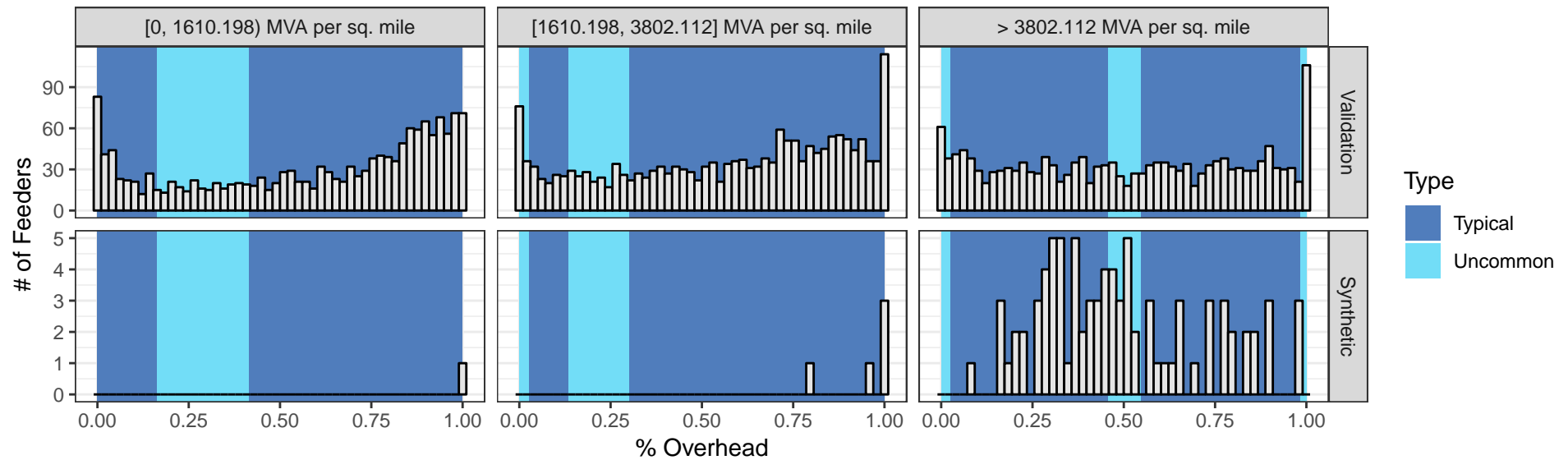
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



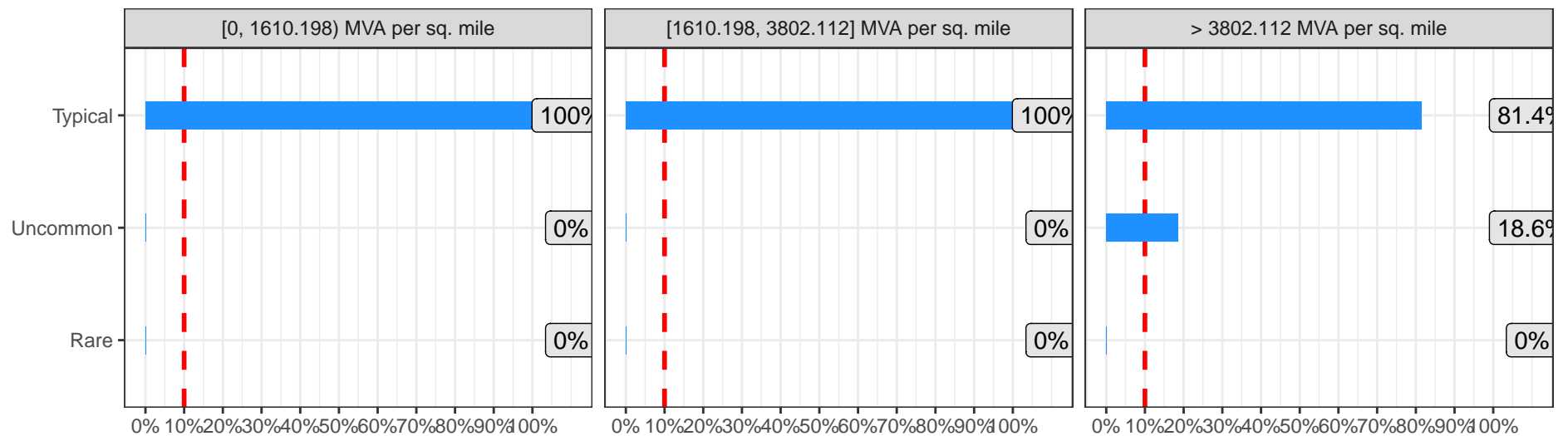
## Percent of Overhead 1 & 2 Phase Lines

Partition Groups: KVA Density Class



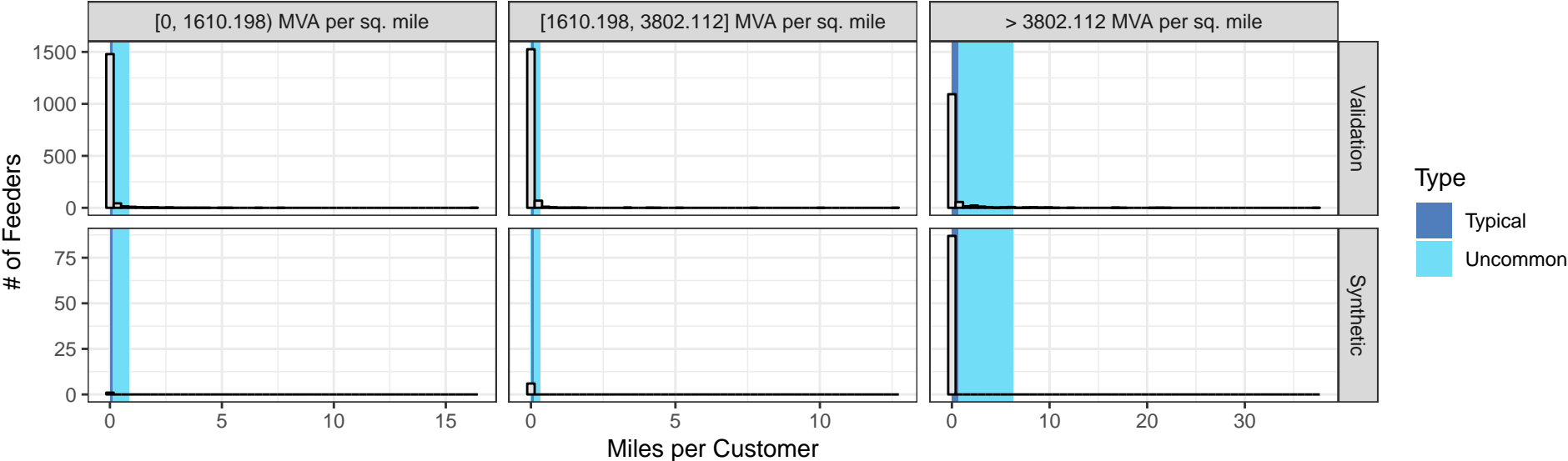
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



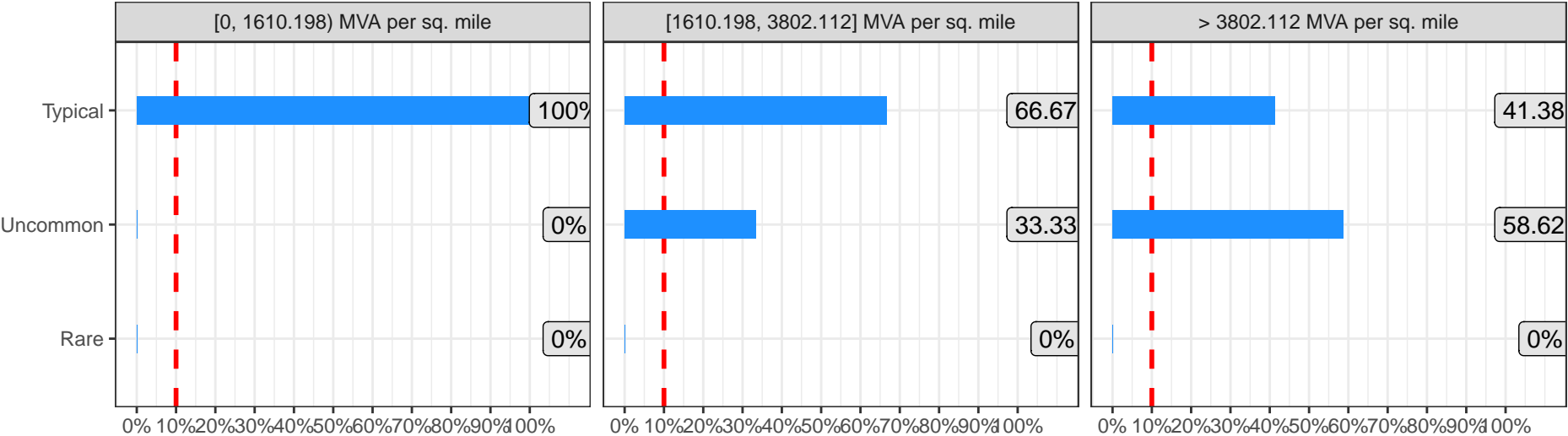
# Ratio of MV 3 Phase Line Length to Number of Customers

Partition Groups: KVA Density Class



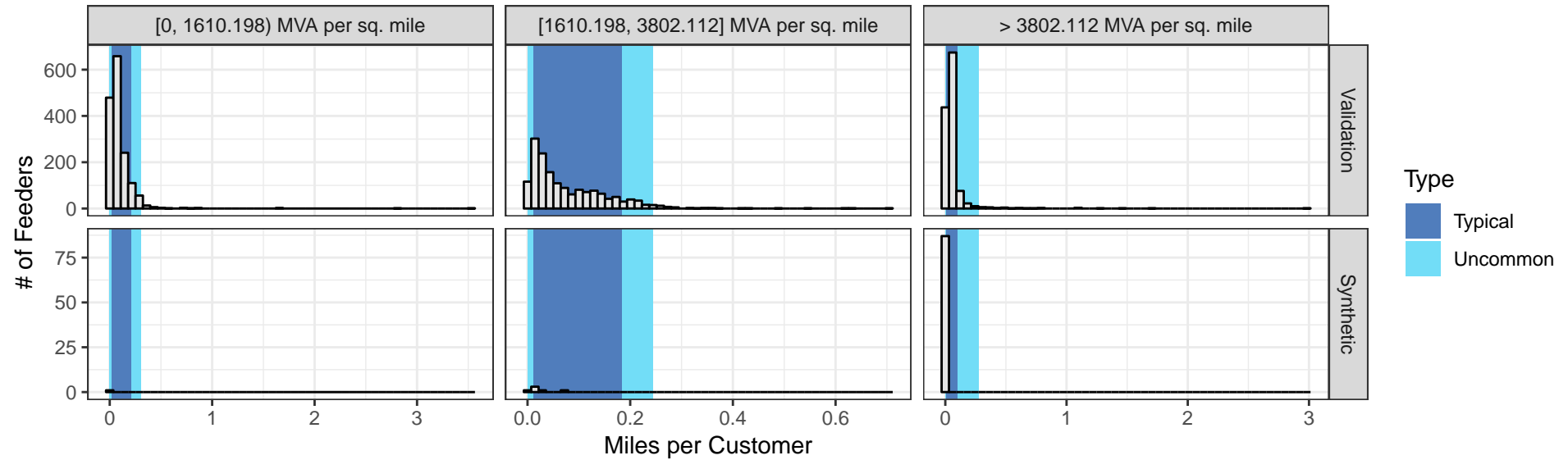
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



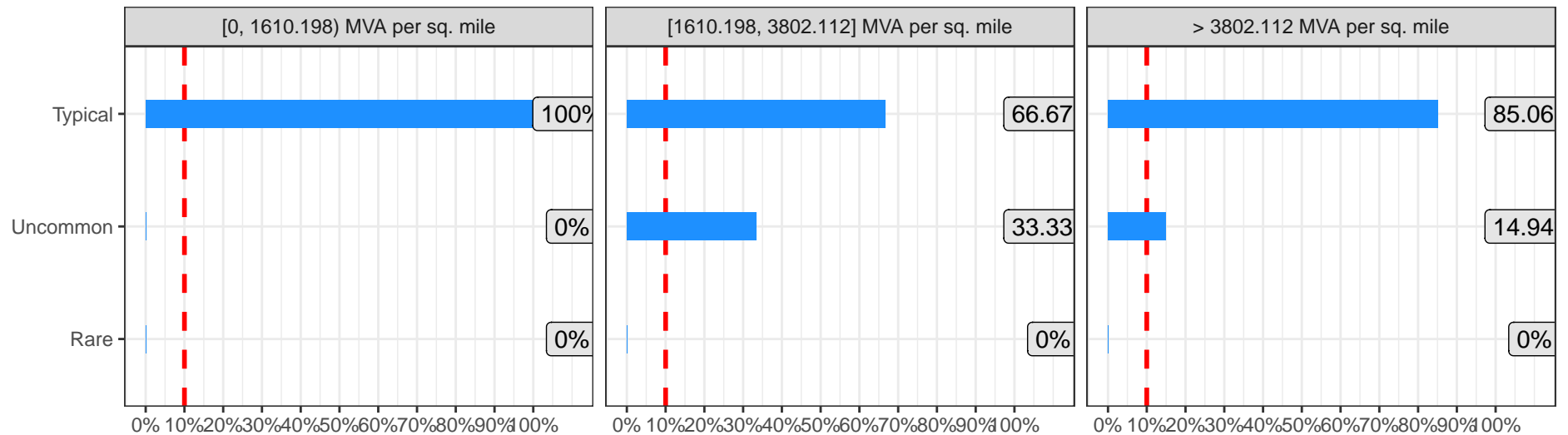
## Ratio of MV 1 & 2 Phase Line Length to Number of Customers

Partition Groups: KVA Density Class



## % of Synthetic Feeders by Validation Class

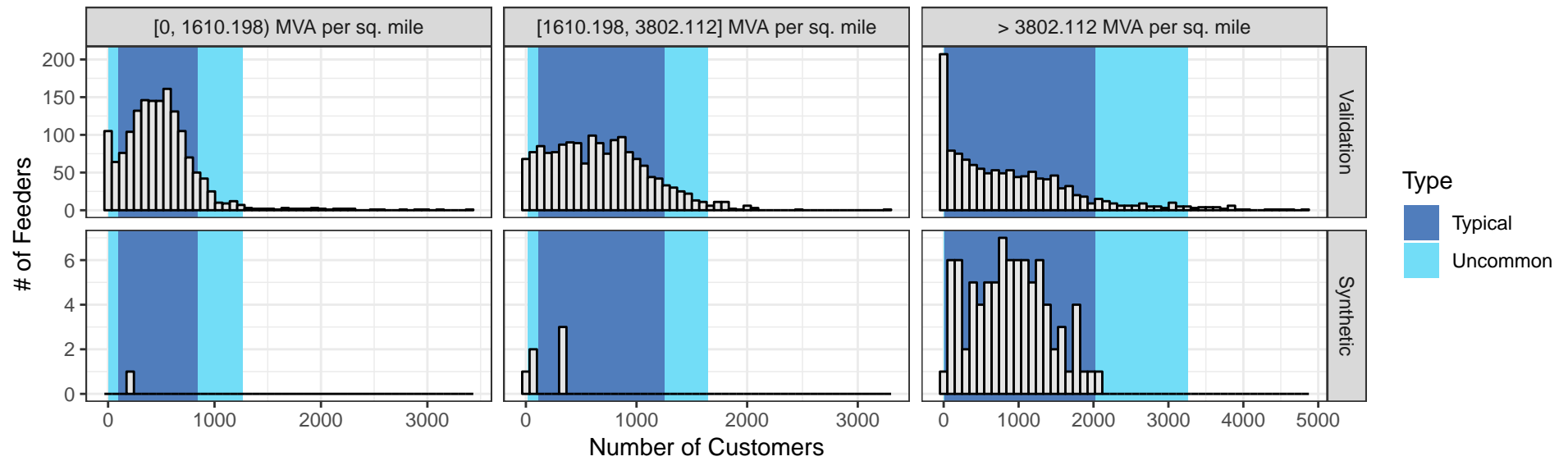
Rare events surpassing red line indicate failure





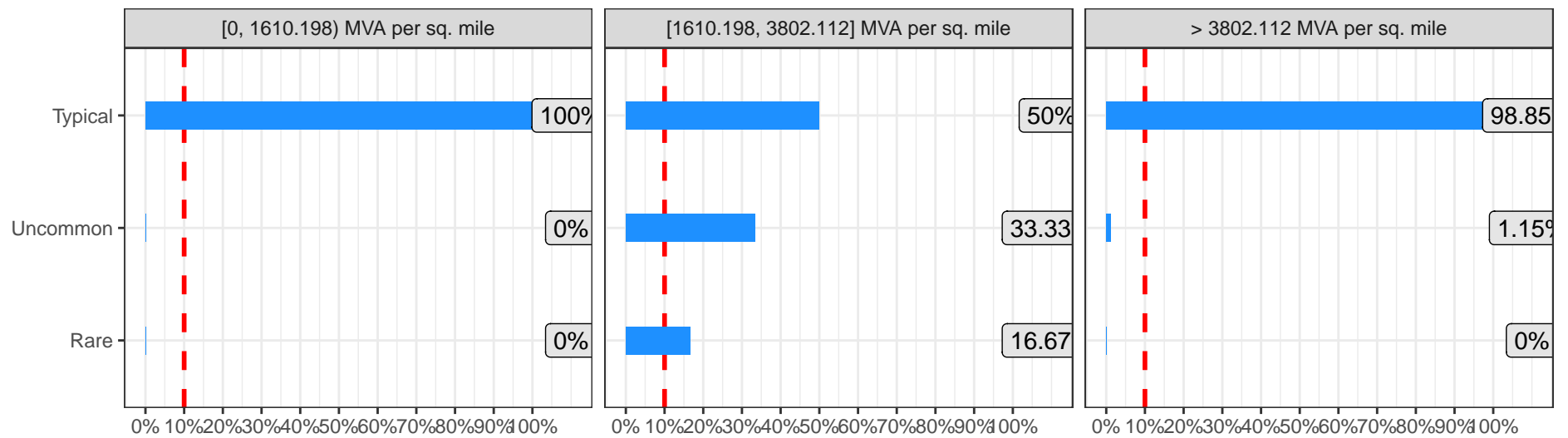
## Number of Customers

Partition Groups: KVA Density Class



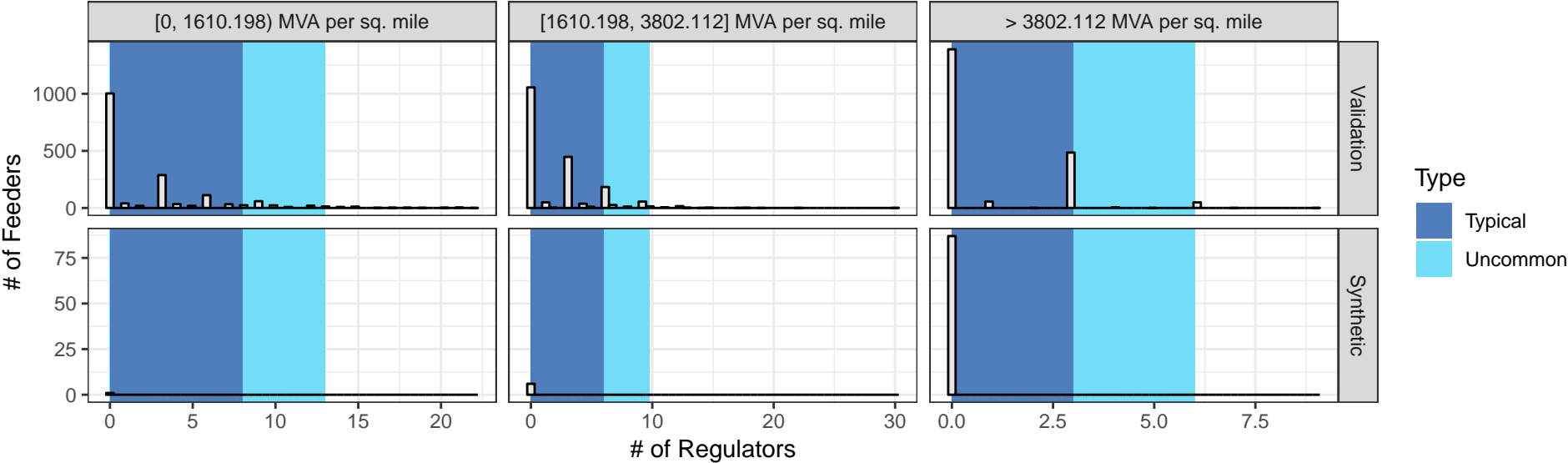
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



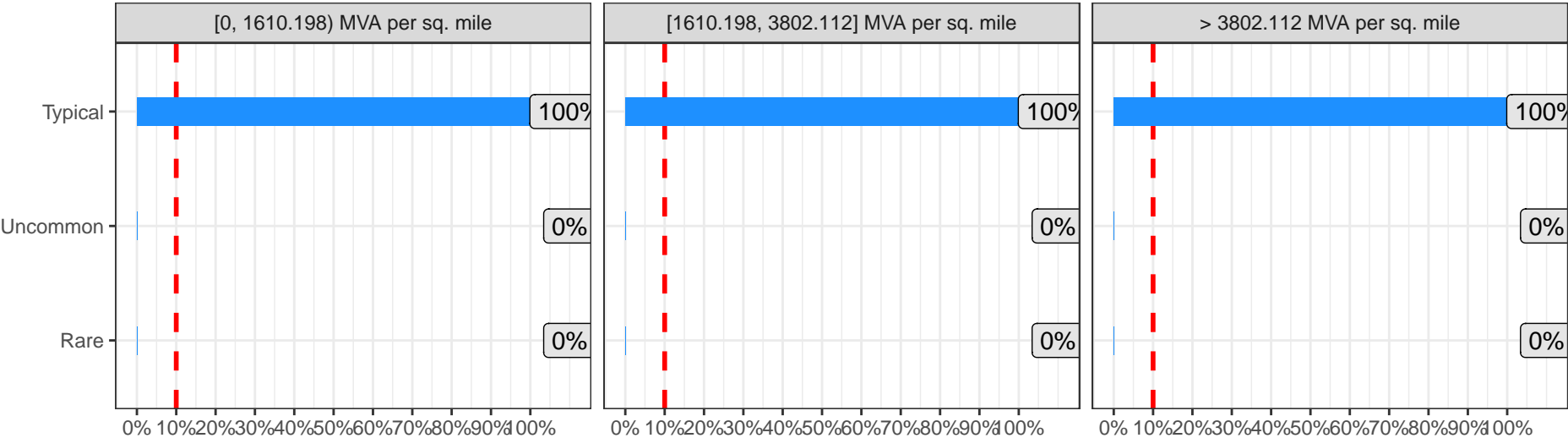
# Number of Regulators

Partition Groups: KVA Density Class



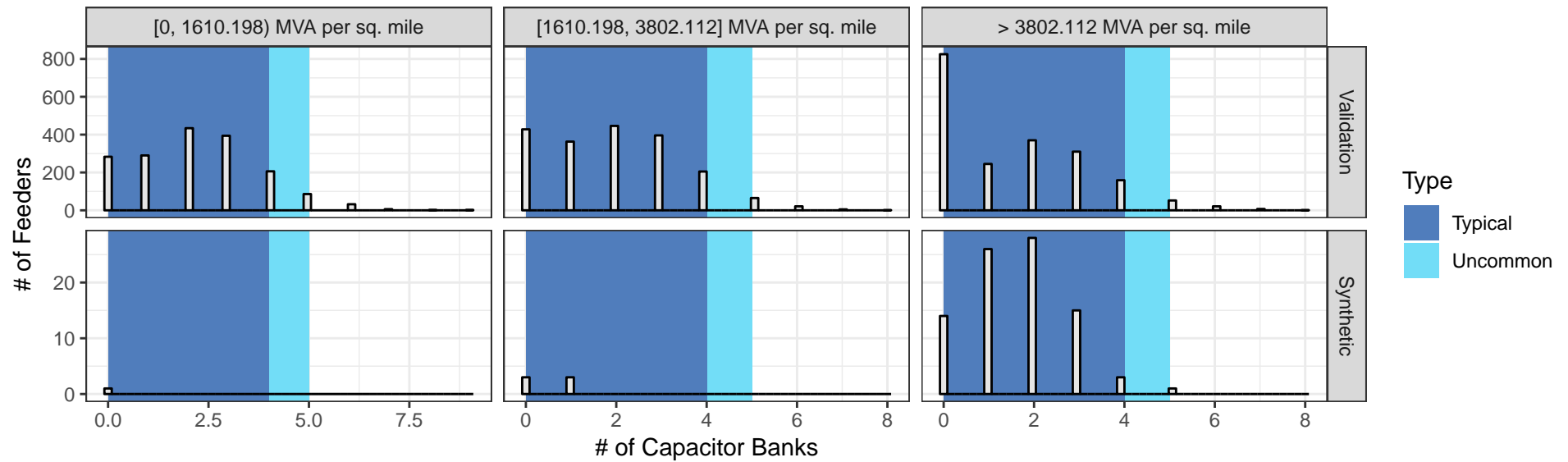
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



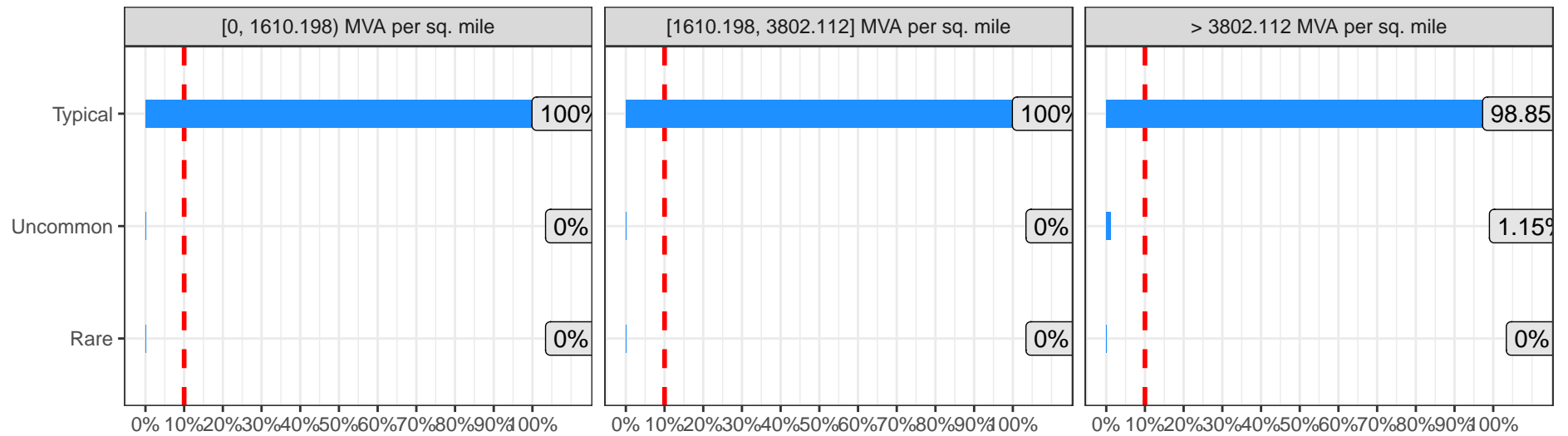
## Number of Capacitor Banks

Partition Groups: KVA Density Class



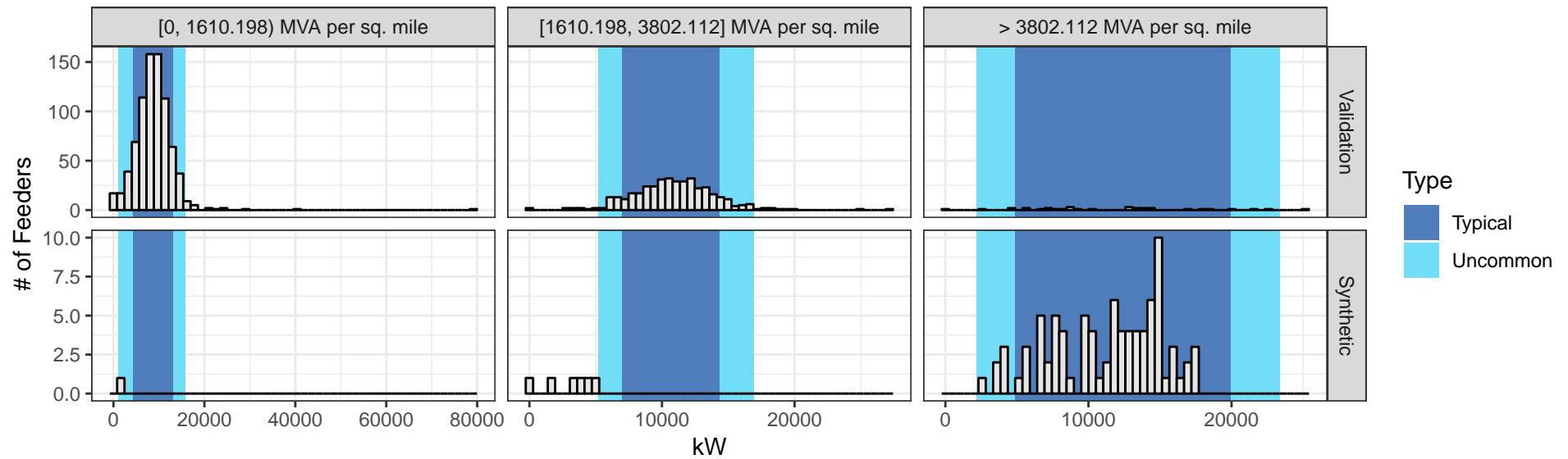
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



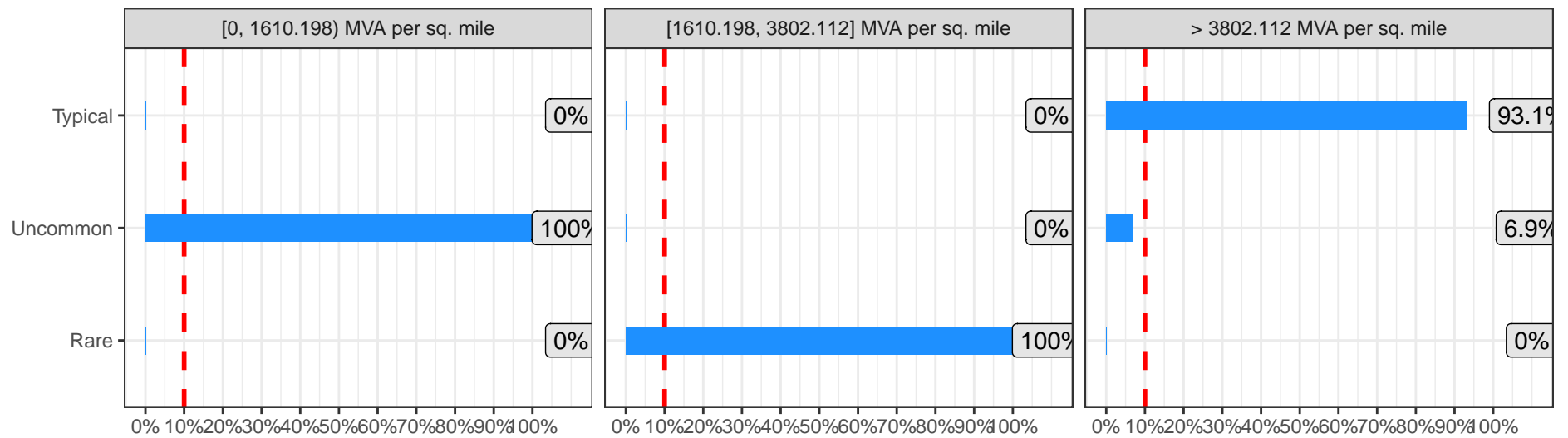
## Total Demand

Partition Groups: KVA Density Class



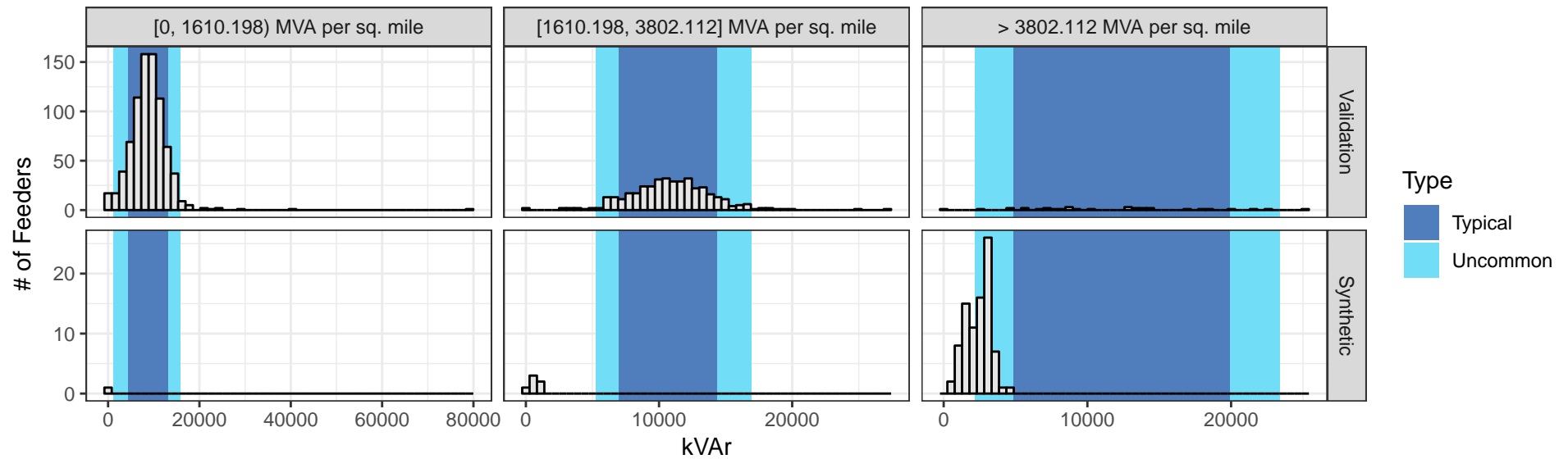
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



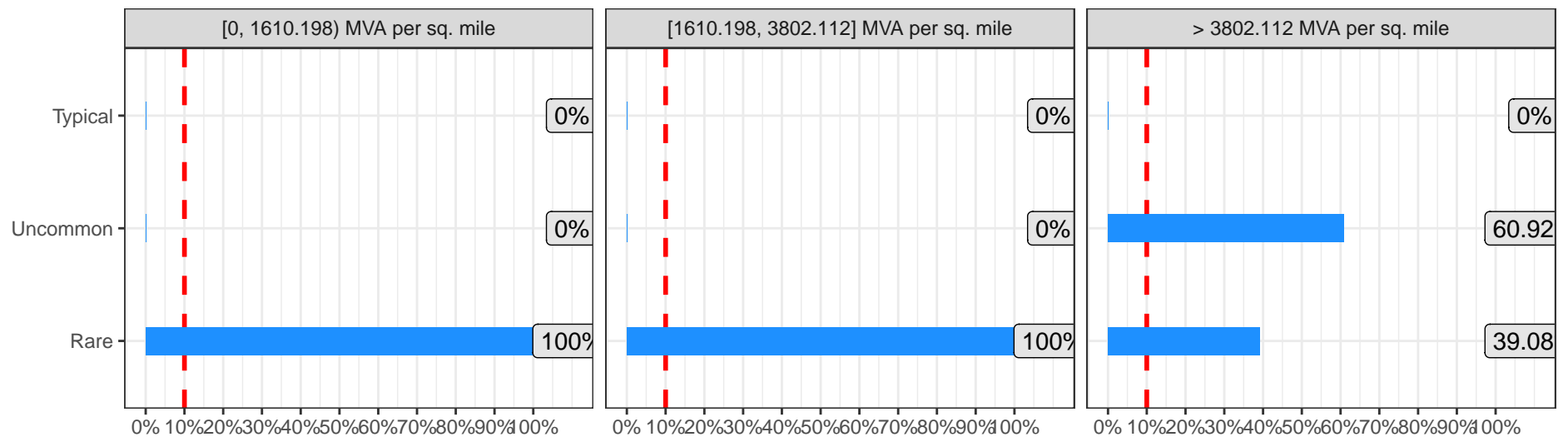
## Total Reactive Power

Partition Groups: KVA Density Class



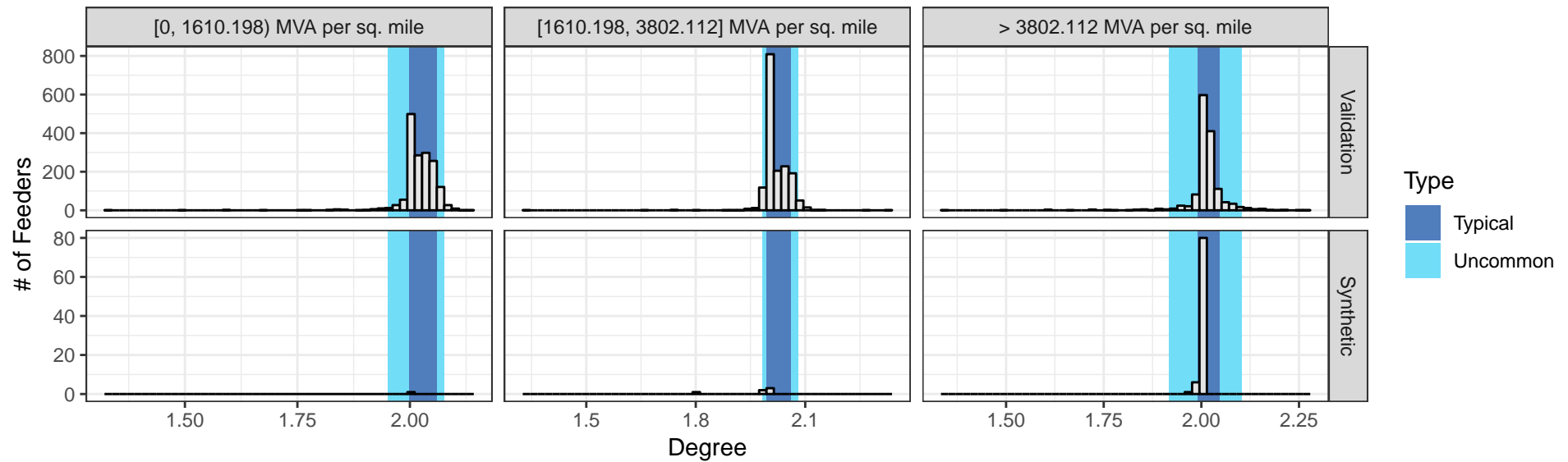
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



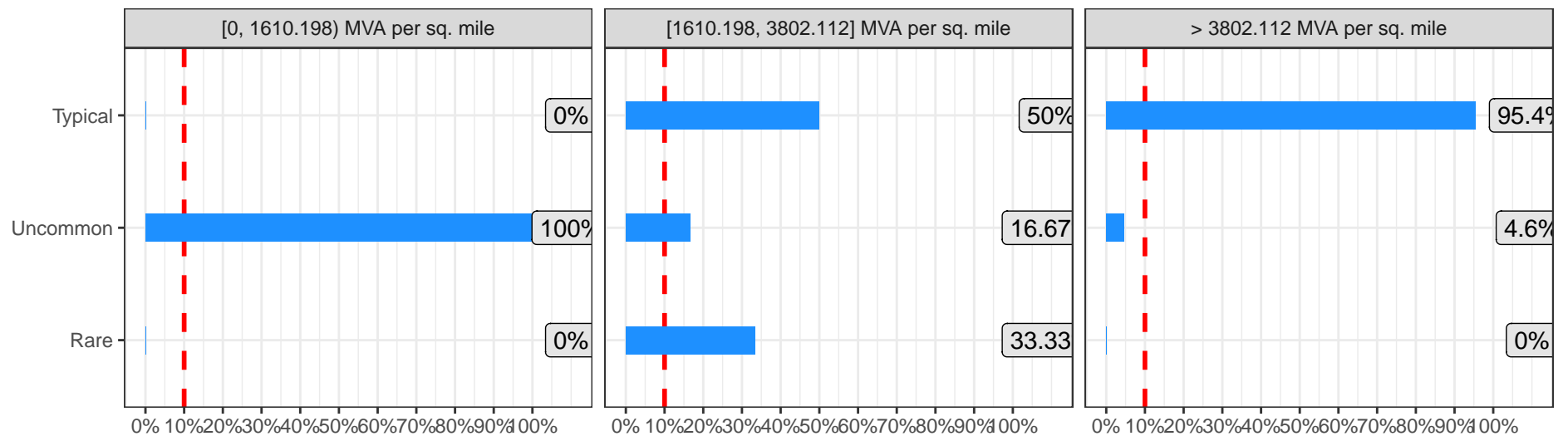
## Average Degree

Partition Groups: KVA Density Class

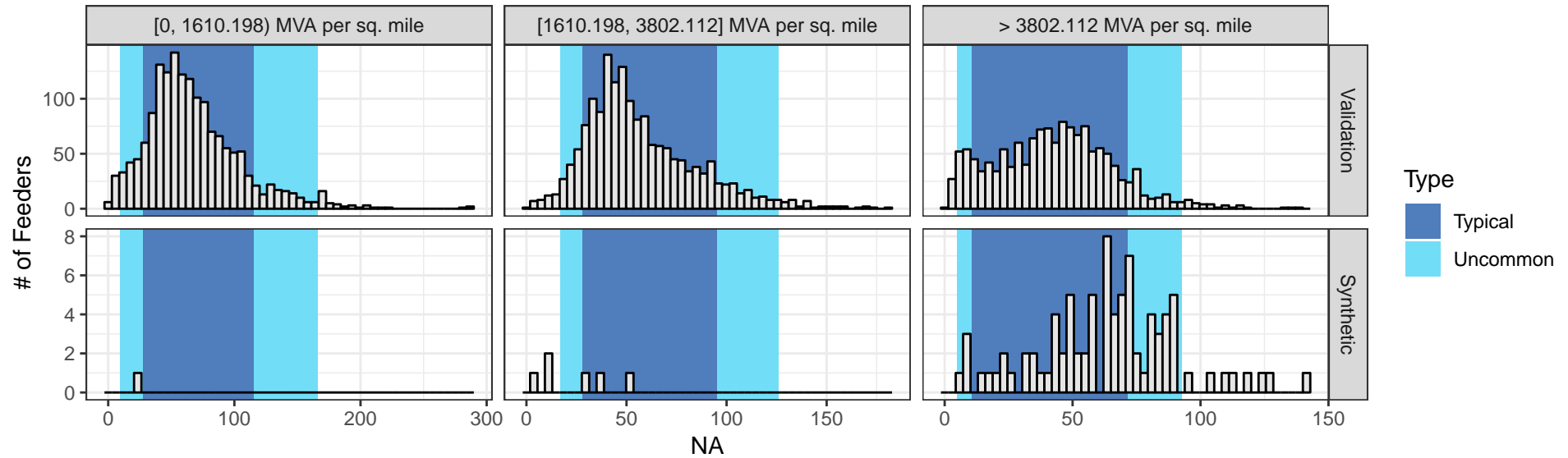


## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure

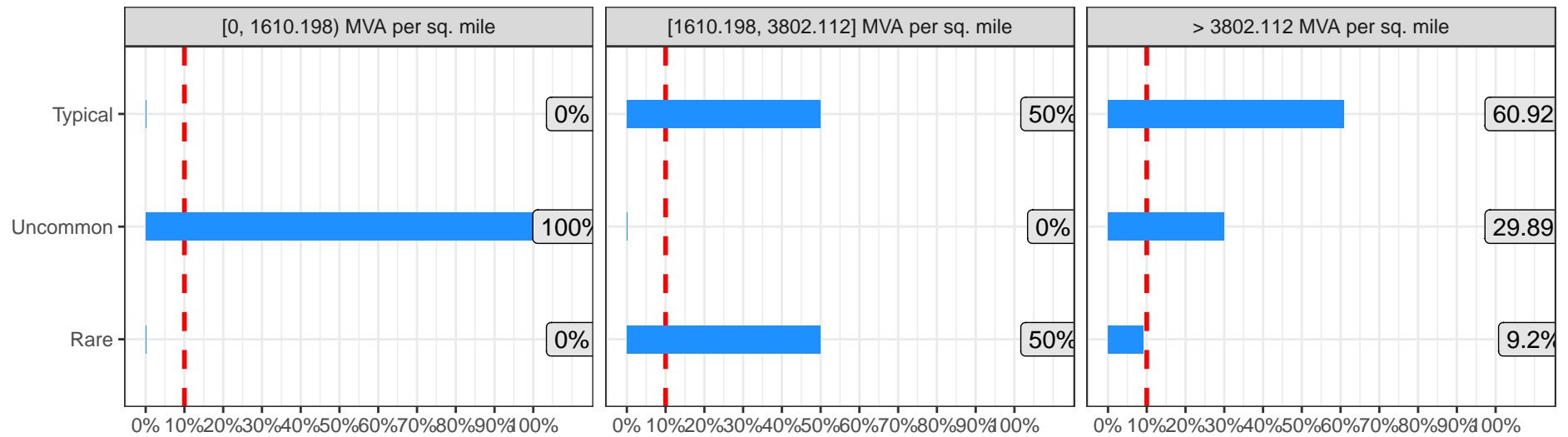


### Partition Groups: KVA Density Class



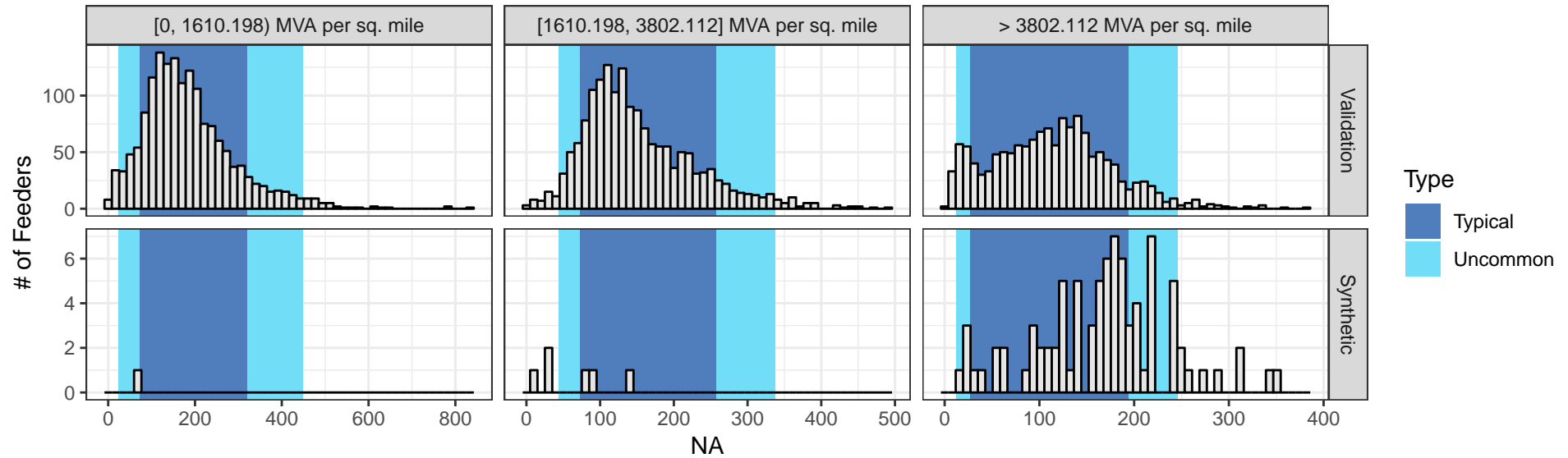
### % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



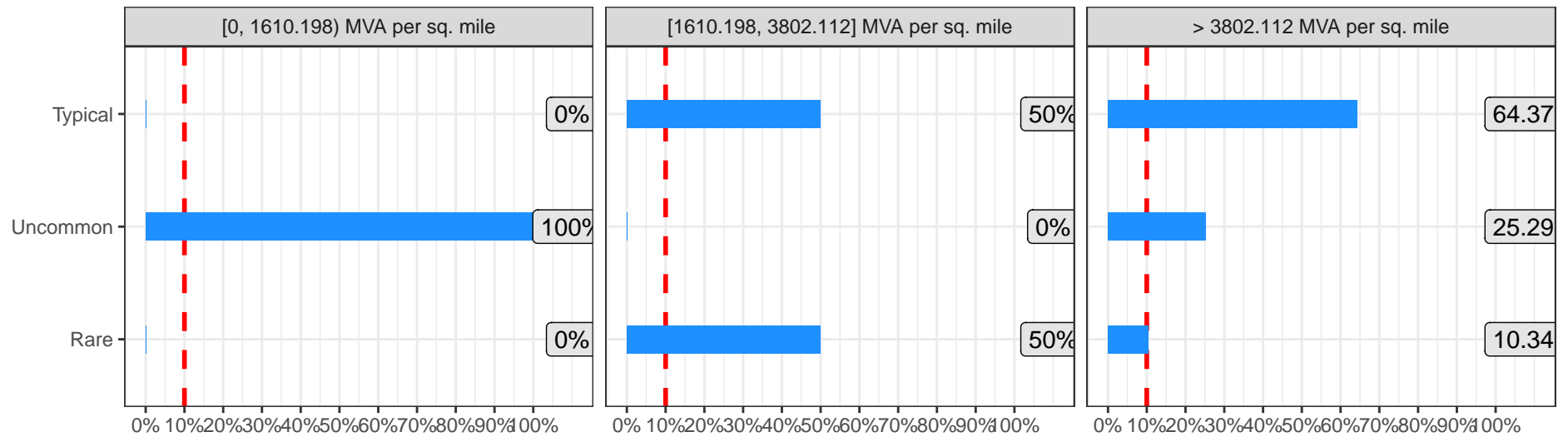
## Graph Diameter

Partition Groups: KVA Density Class



## % of Synthetic Feeders by Validation Class

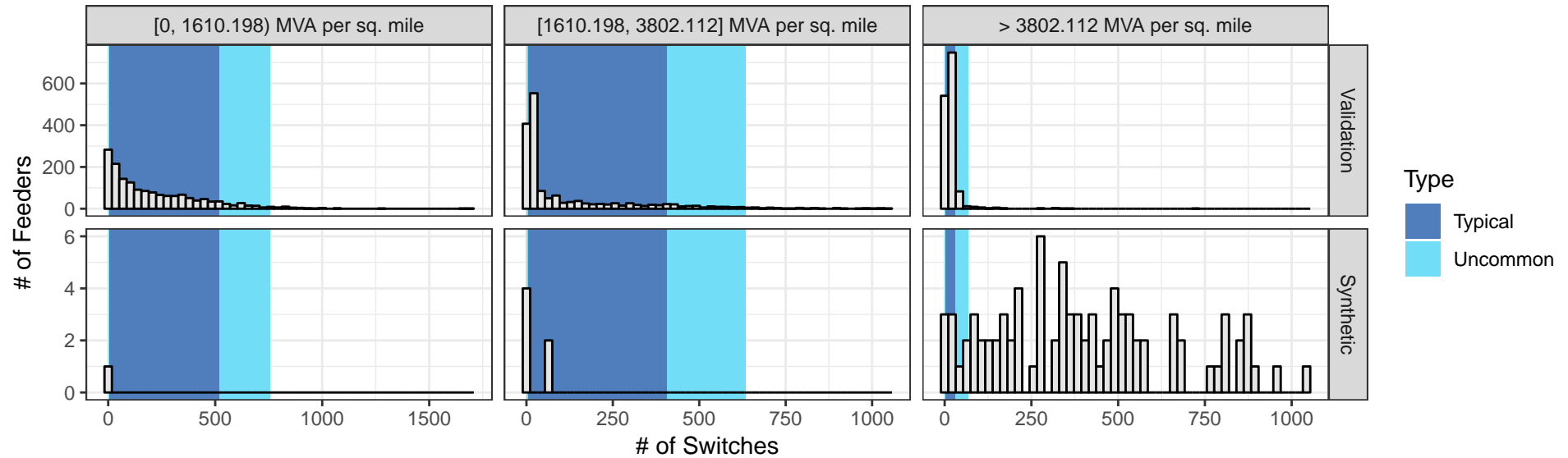
Rare events surpassing red line indicate failure





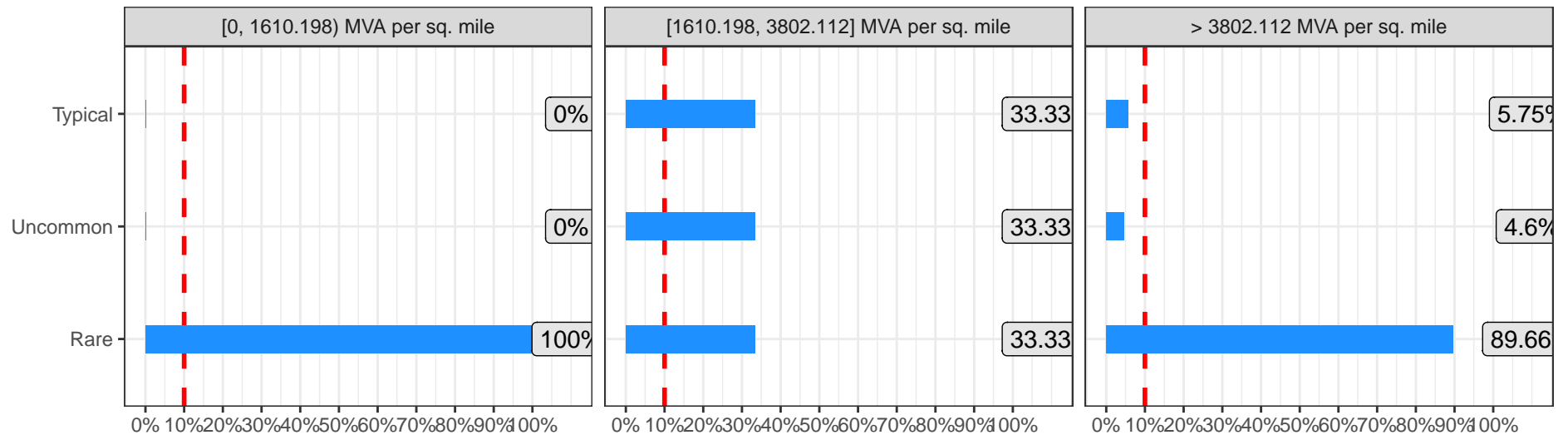
## Number of Switches

Partition Groups: KVA Density Class



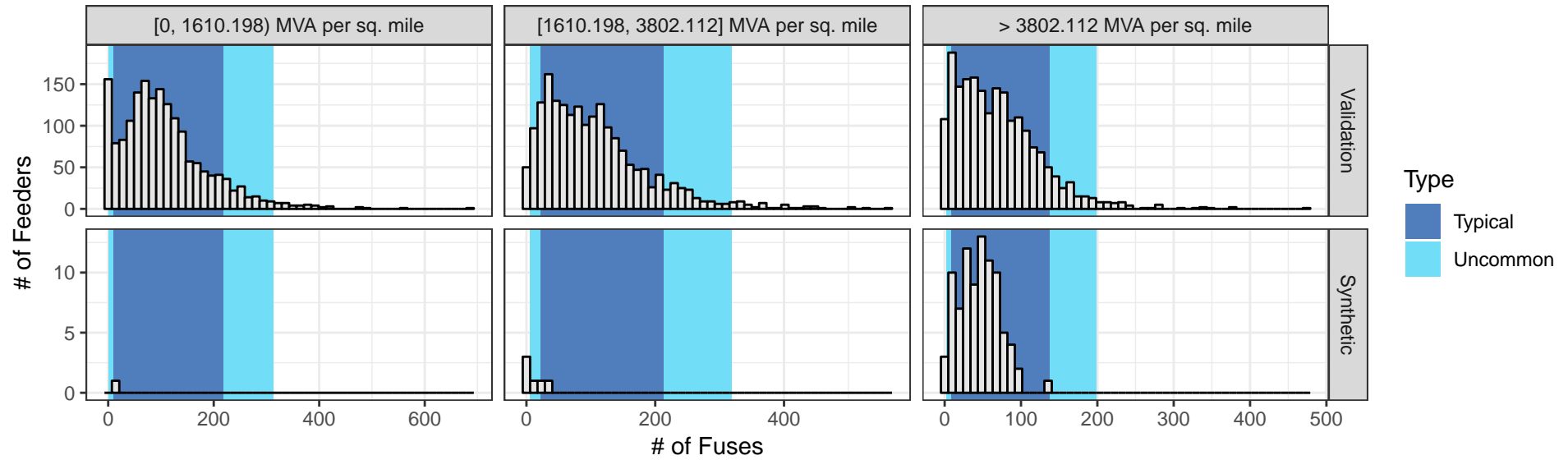
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



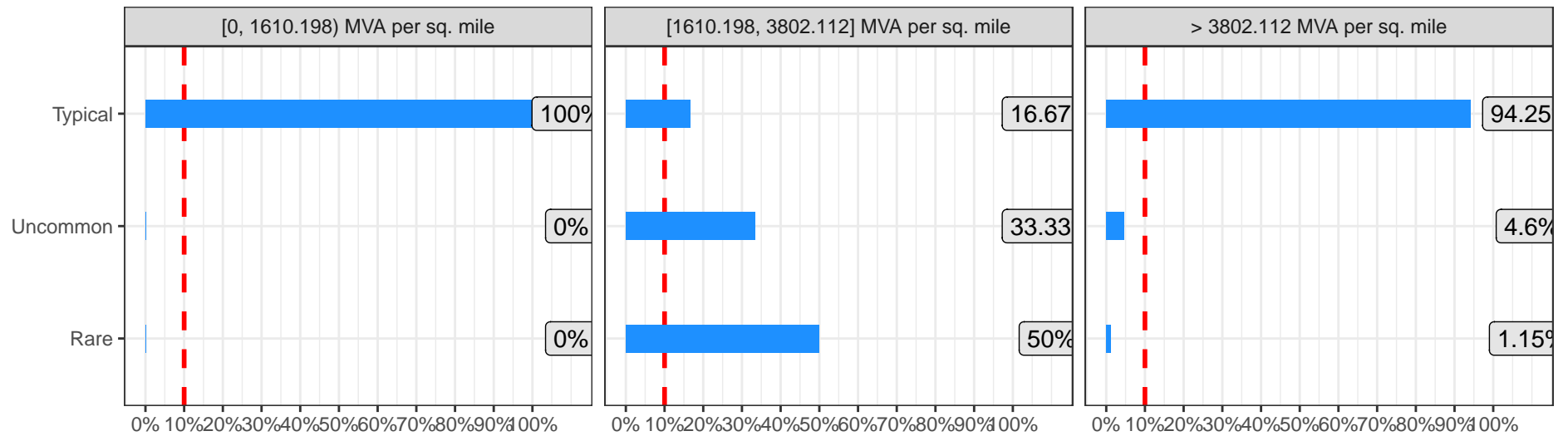
## Number of Fuses

Partition Groups: KVA Density Class



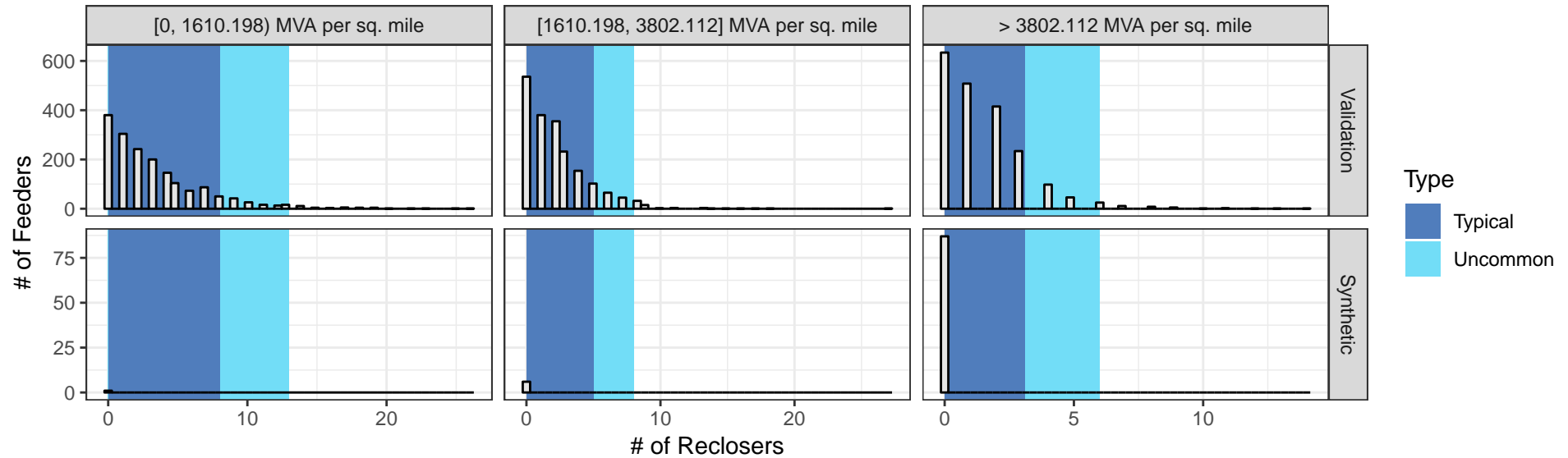
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



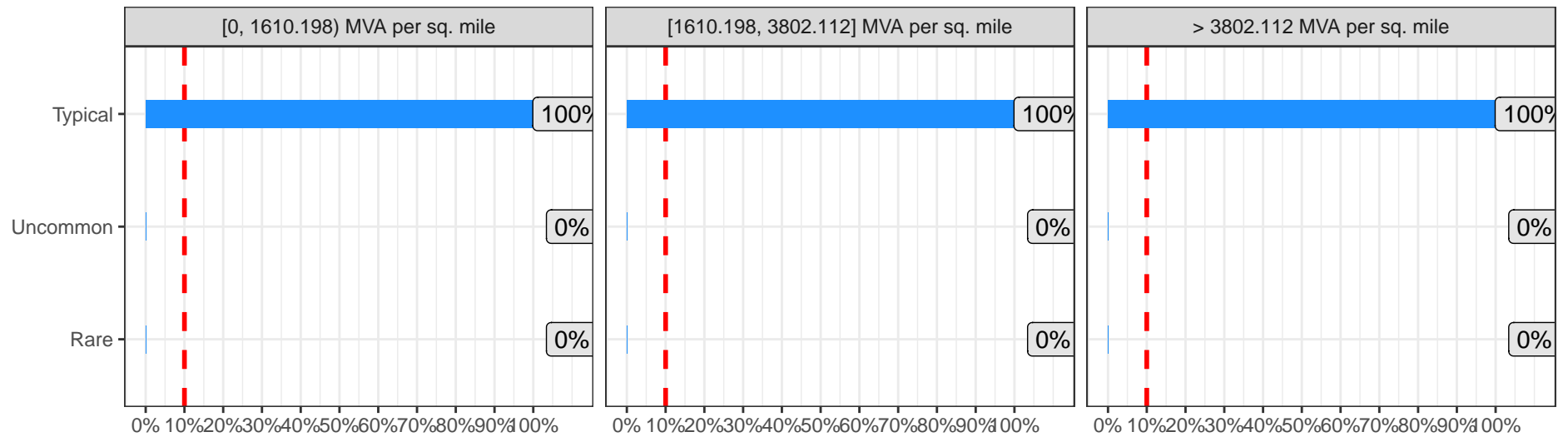
## Number of Reclosers

Partition Groups: KVA Density Class



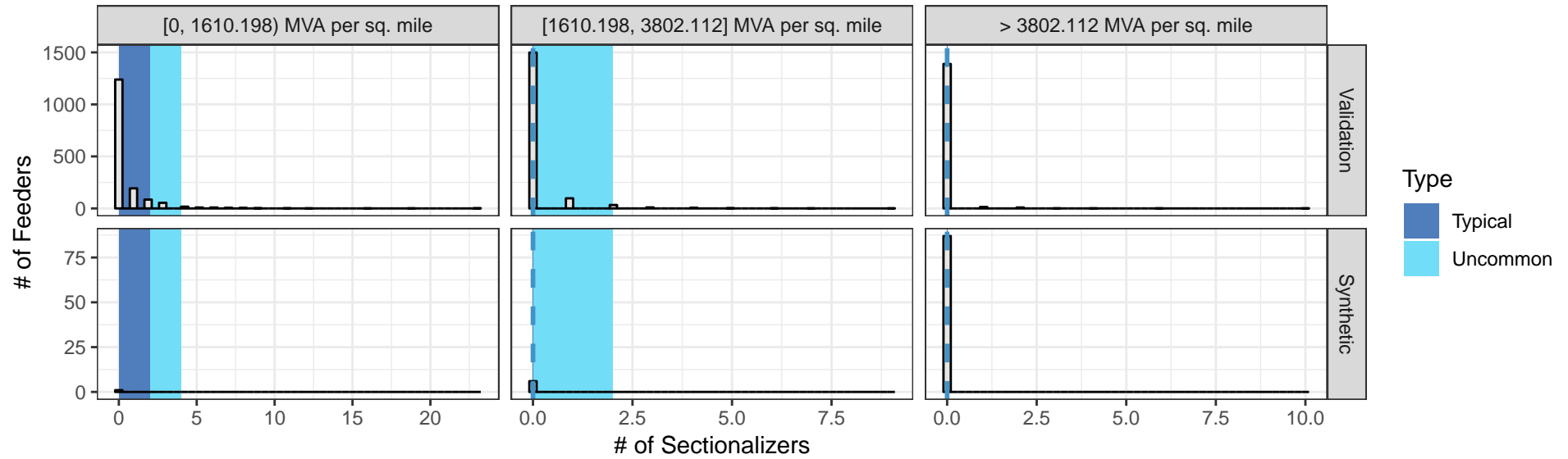
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



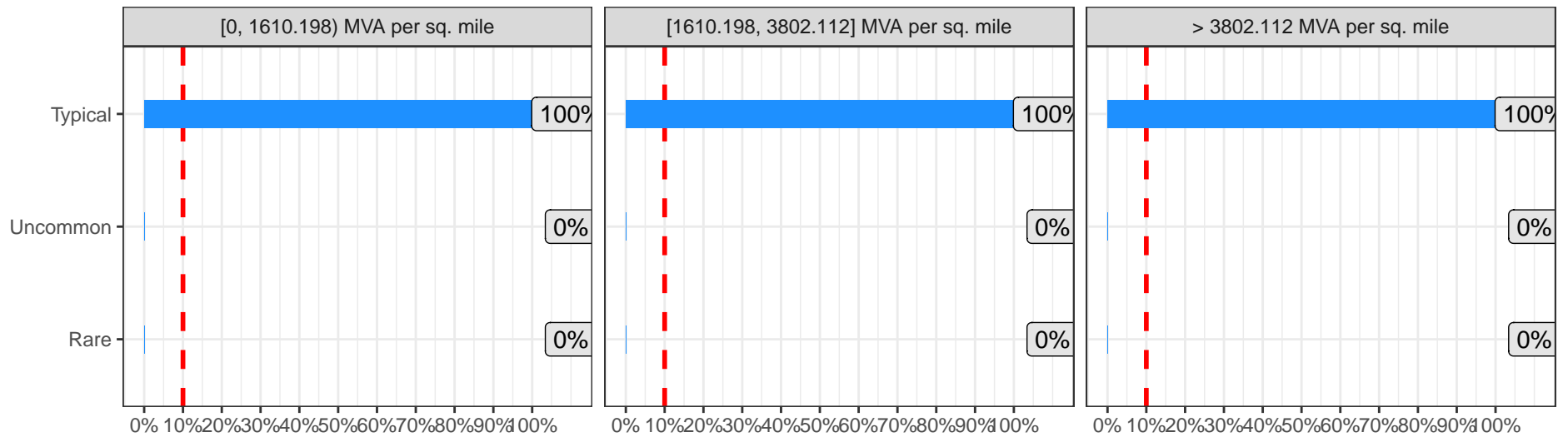
## Number of Sectionalizers

Partition Groups: KVA Density Class



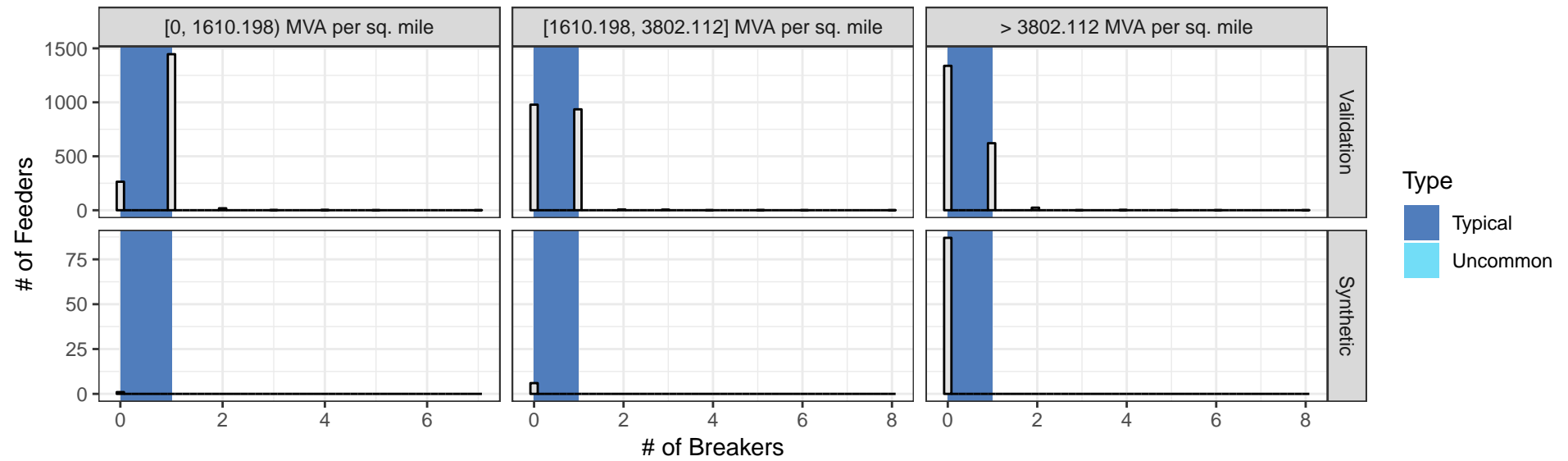
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



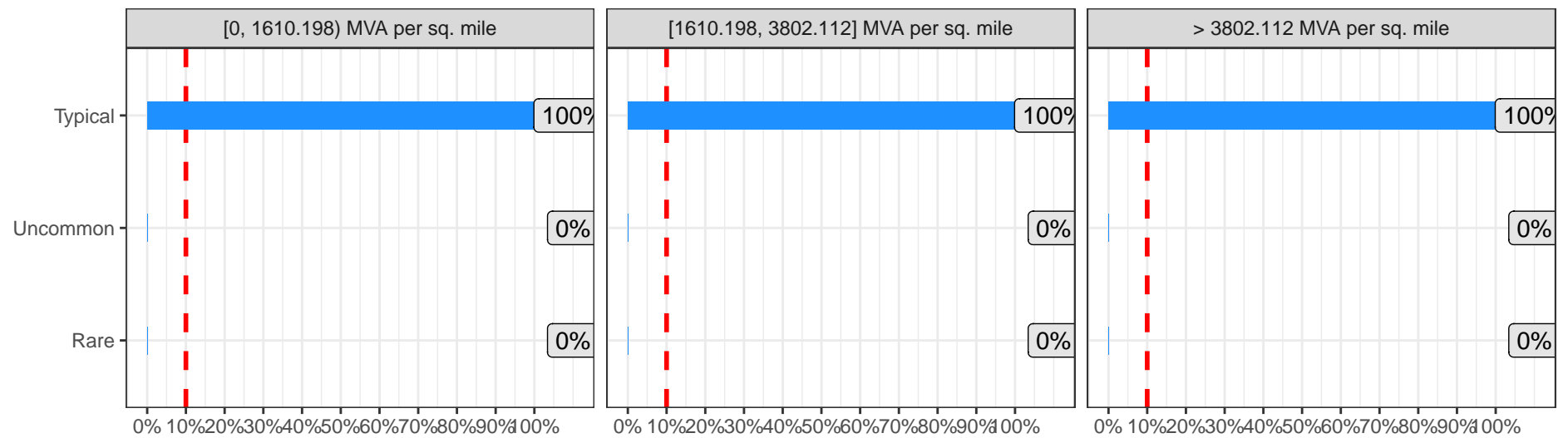
## Number of Breakers

Partition Groups: KVA Density Class



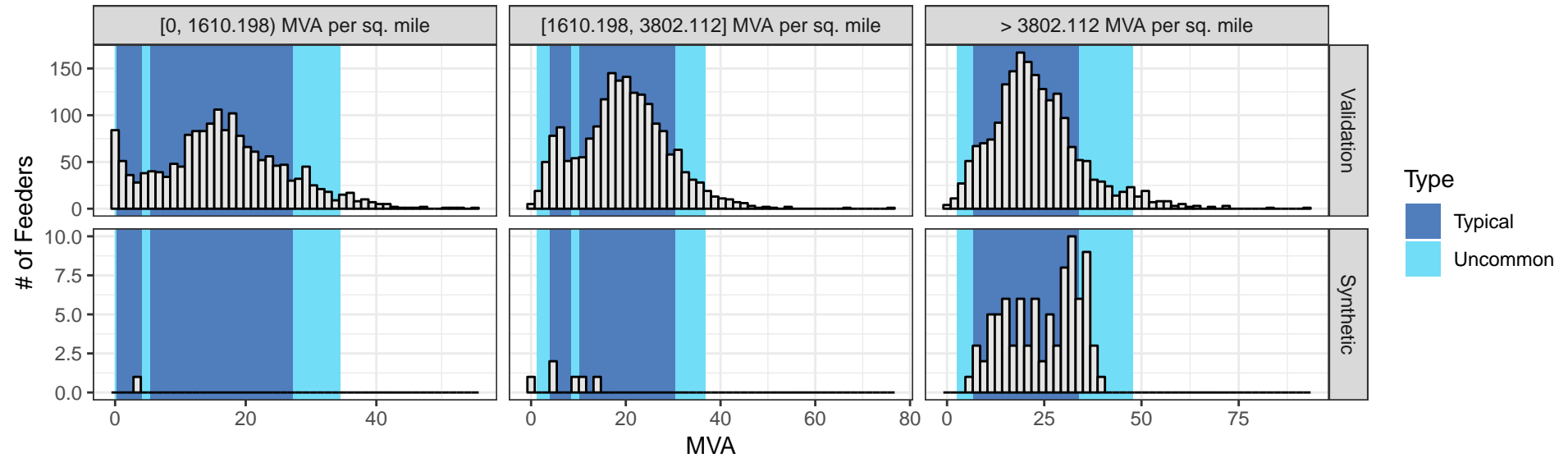
## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure



## Distribution Transformer Total Capacity

Partition Groups: KVA Density Class



## % of Synthetic Feeders by Validation Class

Rare events surpassing red line indicate failure

