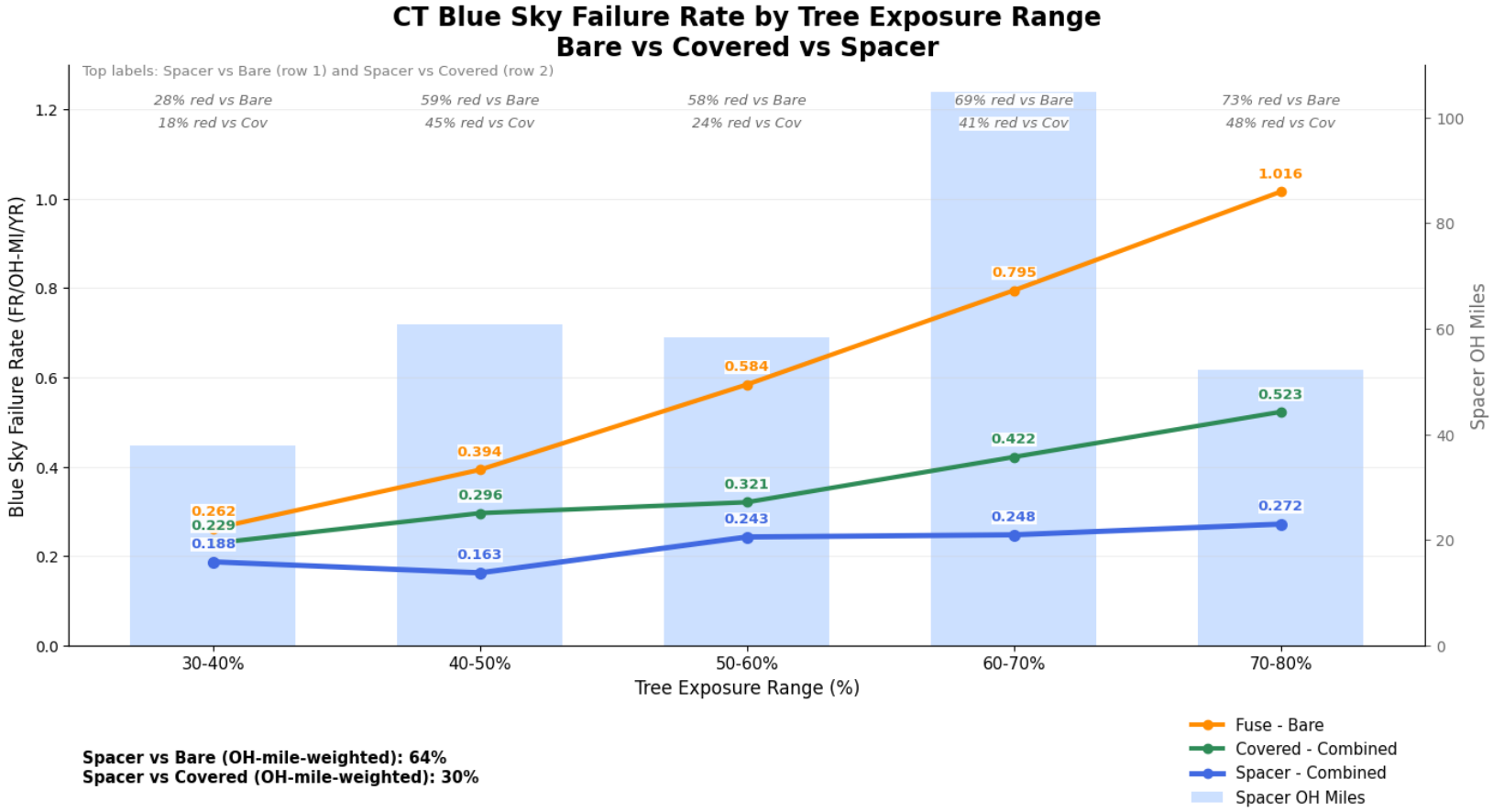
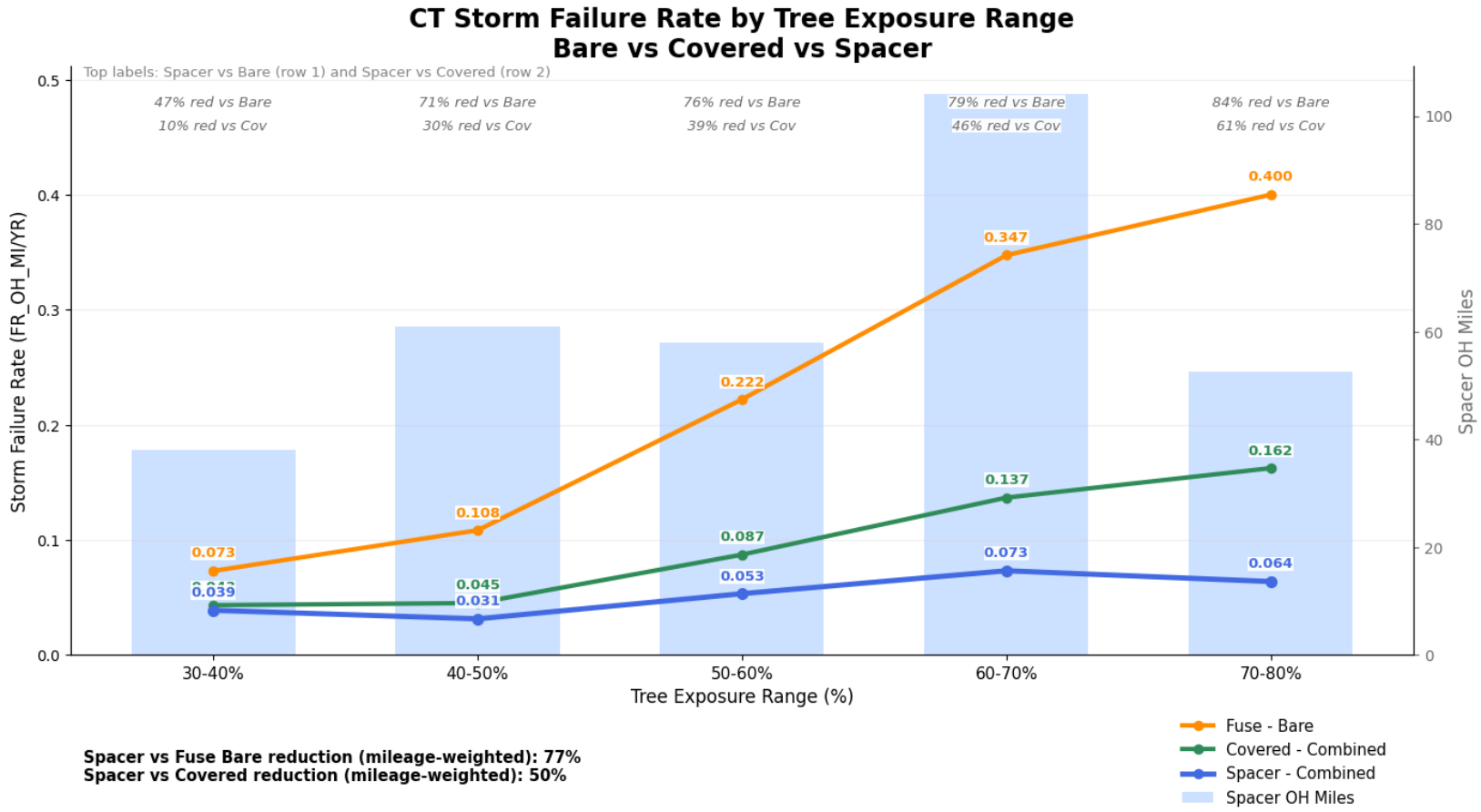
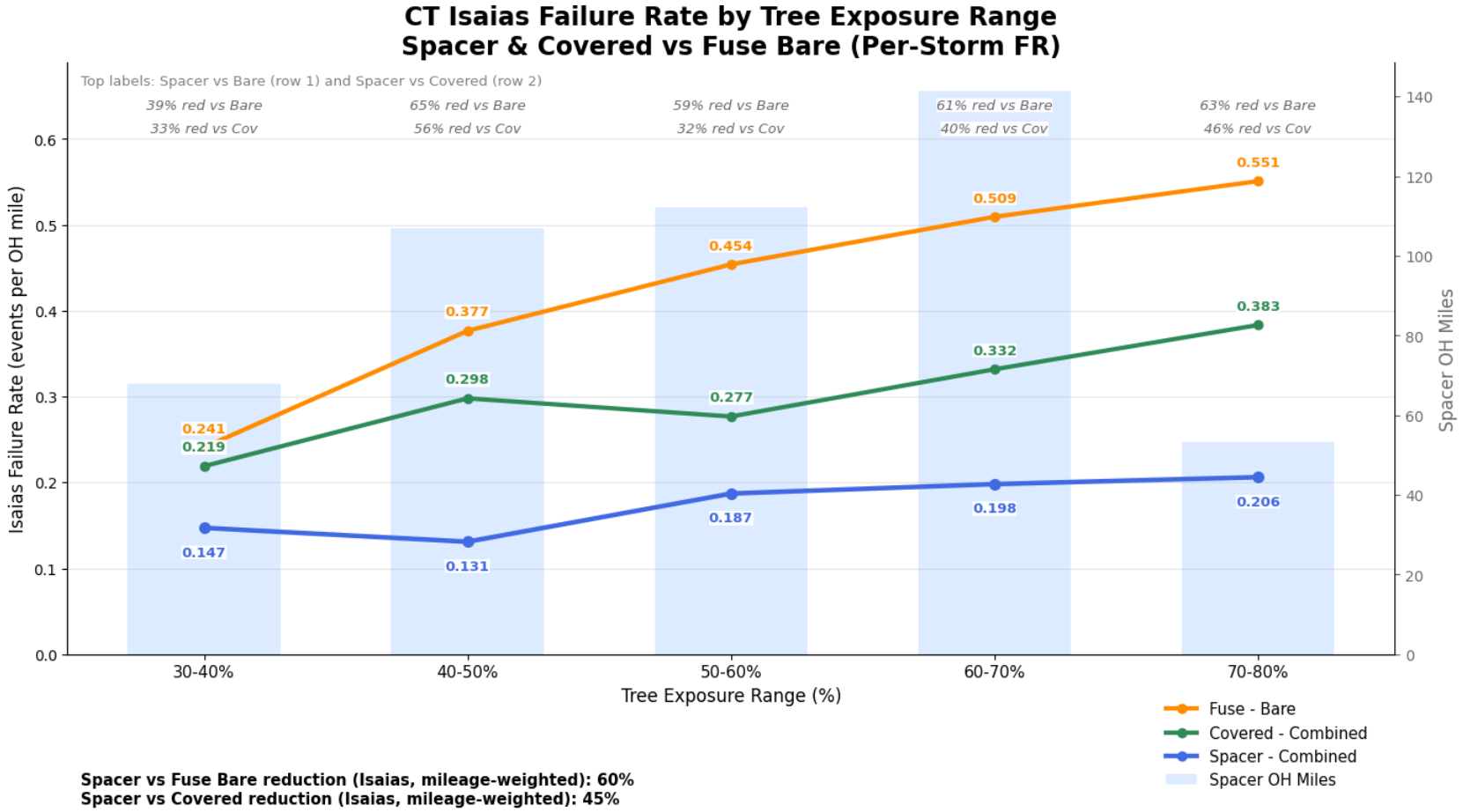
CT Reliability Performance by Tree Exposure Range & Construction type

EVERSOURCE


CT Blue Sky Failure Rate by Tree Exposure Range
Bare vs Covered vs Spacer
Top labels: Spacer vs Bare (row 1) and Spacer vs Covered (row 2)
28% red vs Bare
18% red vs Cov
59% red vs Bare
45% red vs Cov
58% red vs Bare
24% red vs Cov
69% red vs Bare
41% red vs Cov
73% red vs Bare
48% red vs Cov
Blue Sky Failure Rate (FR/OH-MI/YR)
Spacer OH Miles
Tree Exposure Range (%)
30-40%
40-50%
50-60%
60-70%
70-80%
0.262
0.394
0.584
0.795
1.016
0.229
0.296
0.321
0.422
0.523
0.188
0.163
0.243
0.248
0.272
Fuse - Bare
Covered - Combined
Spacer - Combined
Spacer OH Miles
Spacer vs Bare (OH-mile-weighted): 64%
Spacer vs Covered (OH-mile-weighted): 30%


CT Storm Failure Rate by Tree Exposure Range
Bare vs Covered vs Spacer
Top labels: Spacer vs Bare (row 1) and Spacer vs Covered (row 2)
47% red vs Bare
10% red vs Cov
71% red vs Bare
30% red vs Cov
76% red vs Bare
39% red vs Cov
79% red vs Bare
46% red vs Cov
84% red vs Bare
61% red vs Cov
Storm Failure Rate (FR_OH_MI/YR)
Spacer OH Miles
Tree Exposure Range (%)
30-40%
40-50%
50-60%
60-70%
70-80%
0.073
0.108
0.222
0.347
0.400
0.039
0.045
0.031
0.087
0.053
0.137
0.073
0.162
0.064
Fuse - Bare
Covered - Combined
Spacer - Combined
Spacer OH Miles
Spacer vs Fuse Bare reduction (mileage-weighted): 77%
Spacer vs Covered reduction (mileage-weighted): 50%


CT Isaias Failure Rate by Tree Exposure Range
Spacer & Covered vs Fuse Bare (Per-Storm FR)
Top labels: Spacer vs Bare (row 1) and Spacer vs Covered (row 2)
39% red vs Bare
33% red vs Cov
65% red vs Bare
56% red vs Cov
59% red vs Bare
32% red vs Cov
61% red vs Bare
40% red vs Cov
63% red vs Bare
46% red vs Cov
Isaias Failure Rate (events per OH mile)
Spacer OH Miles
Tree Exposure Range (%)
30-40%
40-50%
50-60%
60-70%
70-80%
0.241
0.377
0.454
0.509
0.551
0.219
0.298
0.277
0.332
0.383
0.147
0.131
0.187
0.198
0.206
Fuse - Bare
Covered - Combined
Spacer - Combined
Spacer OH Miles
Spacer vs Fuse Bare reduction (Isaias, mileage-weighted): 60%
Spacer vs Covered reduction (Isaias, mileage-weighted): 45%