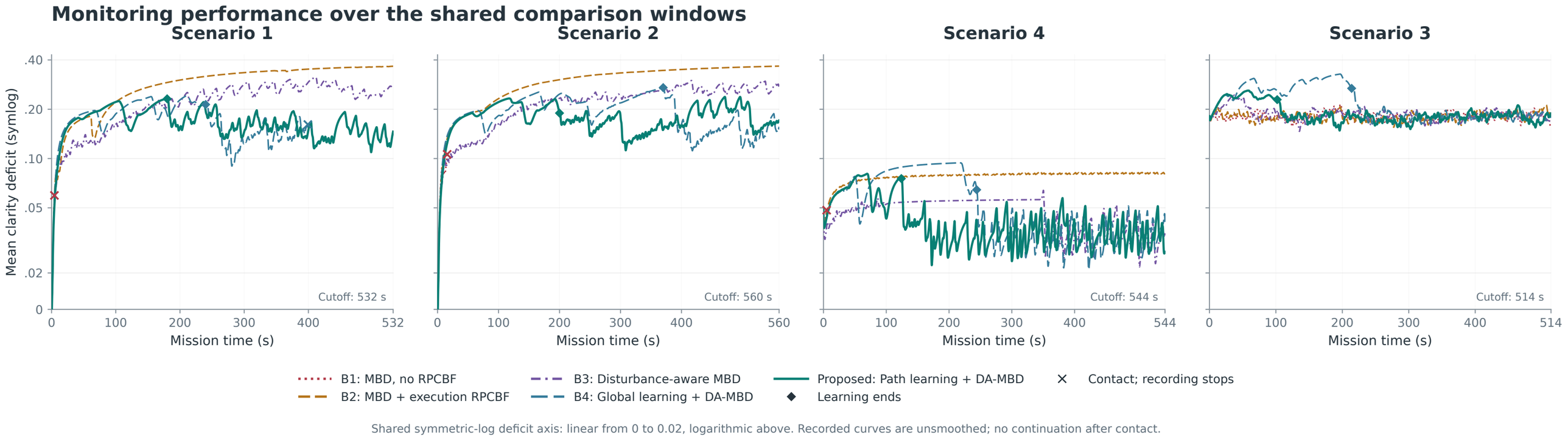

Monitoring performance over the shared comparison windows
Scenario 1
Scenario 2
Scenario 4
Scenario 3
Mean clarity deficit (symlog)
.40
.20
.10
.05
.02
0
0
100
200
300
400
532
560
544
514
Mission time (s)
Cutoff: 532 s
Cutoff: 560 s
Cutoff: 544 s
Cutoff: 514 s
B1: MBD, no RPCBF
B2: MBD + execution RPCBF
B3: Disturbance-aware MBD
B4: Global learning + DA-MBD
Proposed: Path learning + DA-MBD
Learning ends
Contact; recording stops
Shared symmetric-log deficit axis: linear from 0 to 0.02, logarithmic above. Recorded curves are unsmoothed; no continuation after contact.