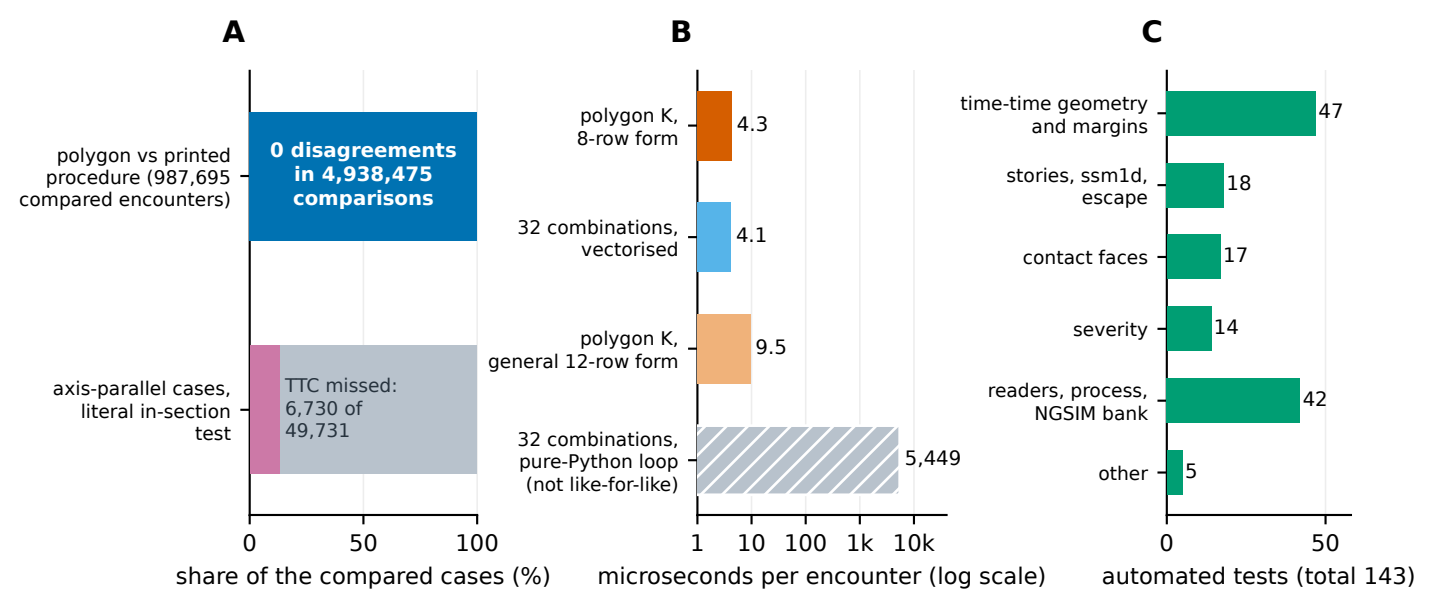

A
polygon vs printed procedure (987,695 compared encounters)
0 disagreements in 4,938,475 comparisons
axis-parallel cases, literal in-section test
TTC missed: 6,730 of 49,731
0
50
100
share of the compared cases (%)
B
polygon K, 8-row form
4.3
32 combinations, vectorised
4.1
polygon K, general 12-row form
9.5
32 combinations, pure-Python loop (not like-for-like)
5,449
1
10
100
1k
10k
microseconds per encounter (log scale)
C
time-time geometry and margins
47
stories, ssm1d, escape
18
contact faces
17
severity
14
readers, process, NGSIM bank
42
other
5
0
50
automated tests (total 143)