



## Conflation Report

Buffer Comparisons: 5m, 10m, and 12m

Report Generated: 2025-02-20 15:01:04

Buffer Distance: 5 meters  
Report Generated: 2025-02-20 15:01:00

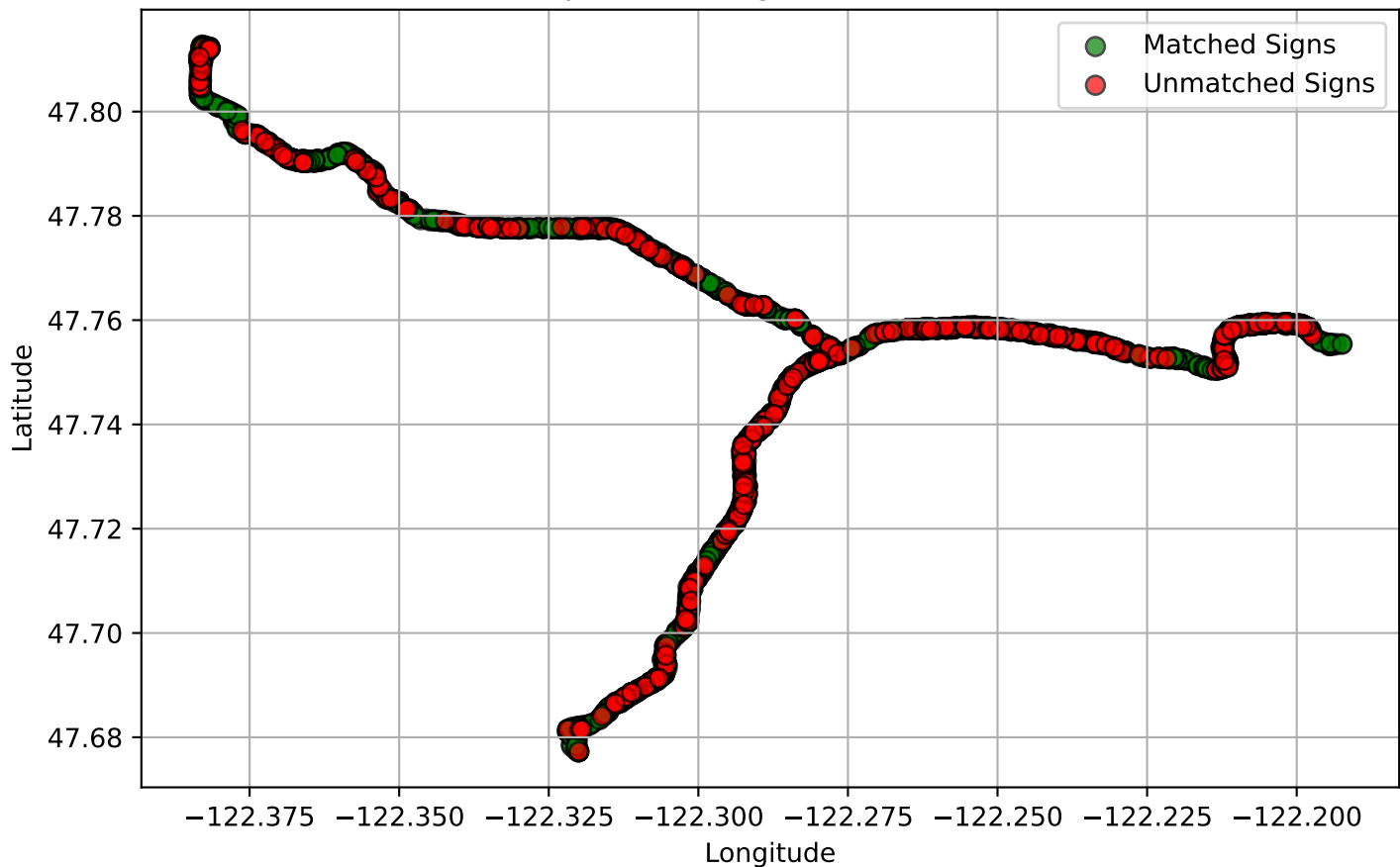
-- Matching Metrics --  
Total signs in File 1: 3183  
Total signs in File 2: 3091  
Matched signs: 2909  
Unmatched in File 1: 274  
Unmatched in File 2: 182

Percentage matched in File 1: 91.39%  
Percentage matched in File 2: 94.11%

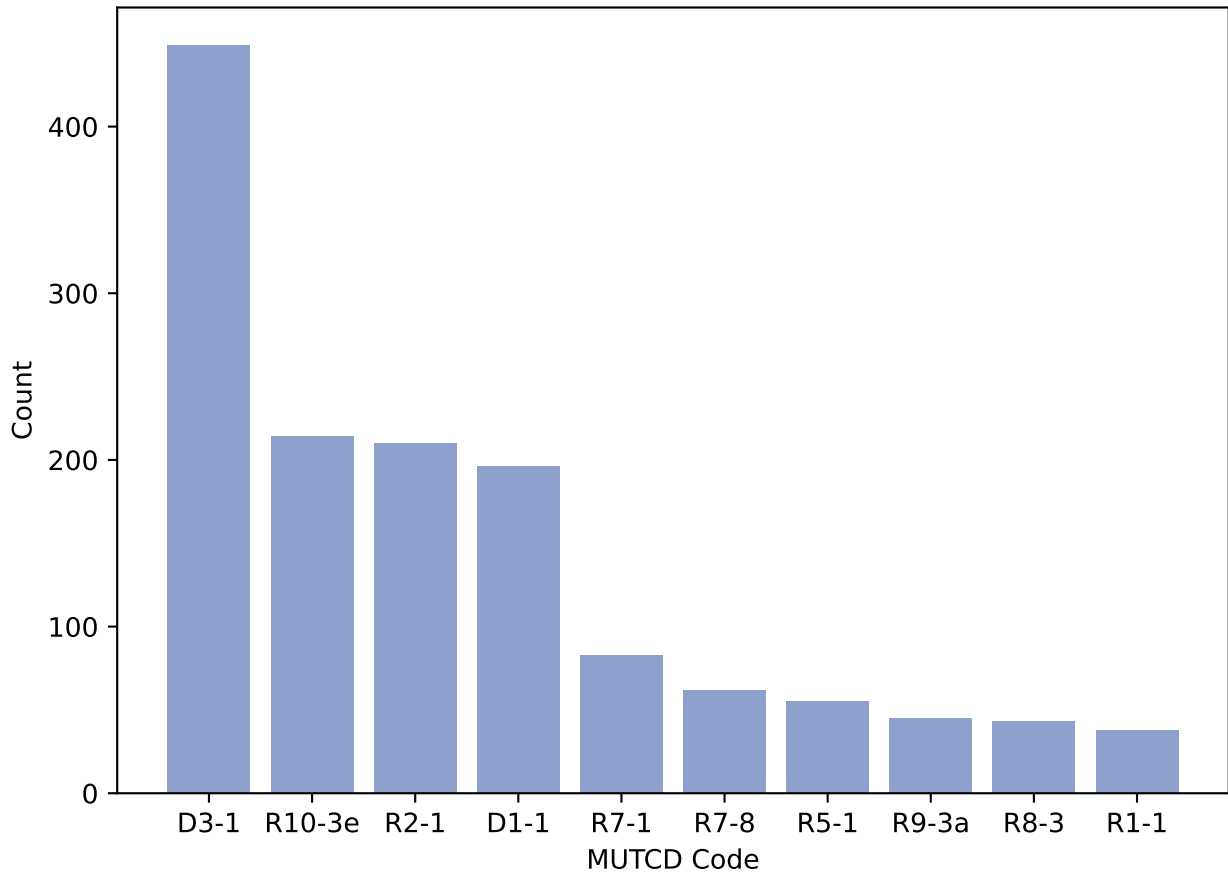
Average match distance: 0.11 m  
Minimum match distance: 0.00 m  
Maximum match distance: 4.93 m

-- Bounding Box Metrics --  
File 1 (Mach9): Diagonal  $\approx 20772.36$  m, Area  $\approx 215716045.75$  m<sup>2</sup>  
File 2 (Client): Diagonal  $\approx 20772.37$  m, Area  $\approx 215716318.57$  m<sup>2</sup>

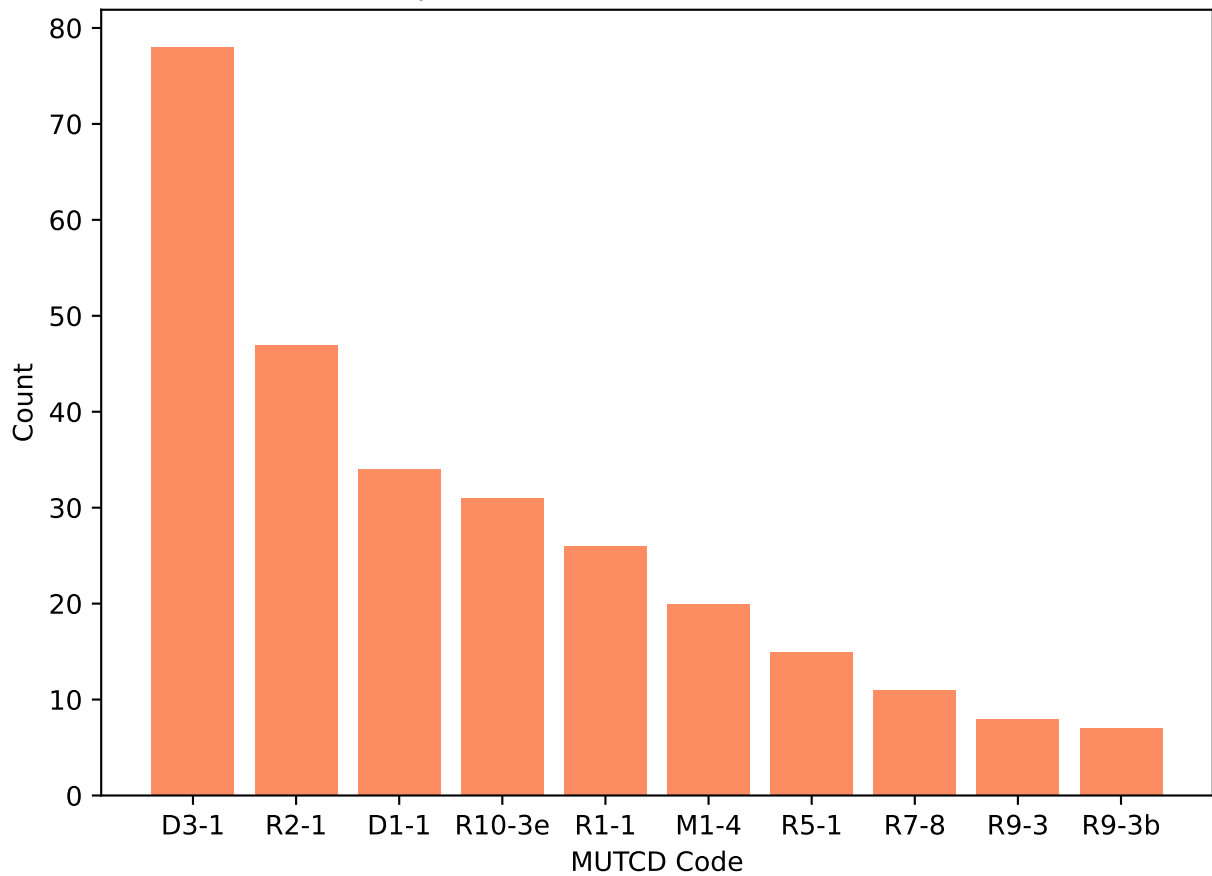
Map of Road Signs (Buffer: 5 m)



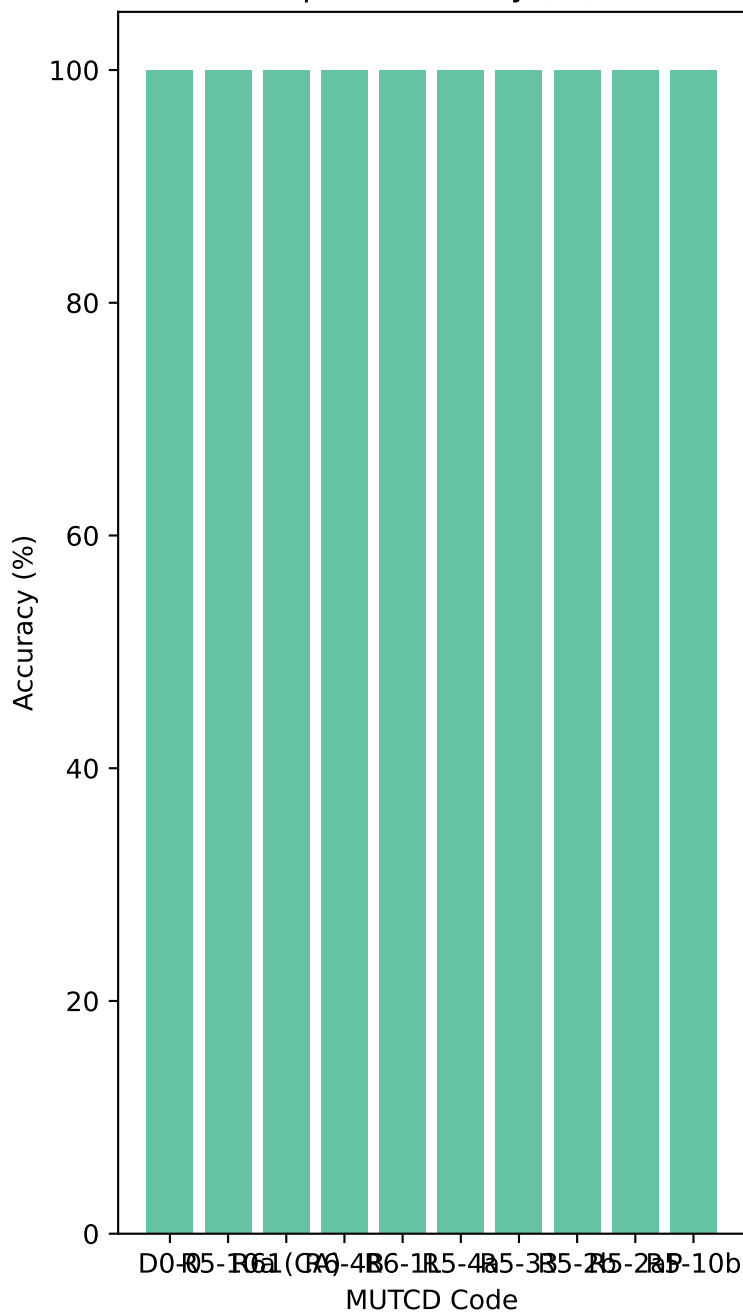
Top 10 Matched MUTCD Counts



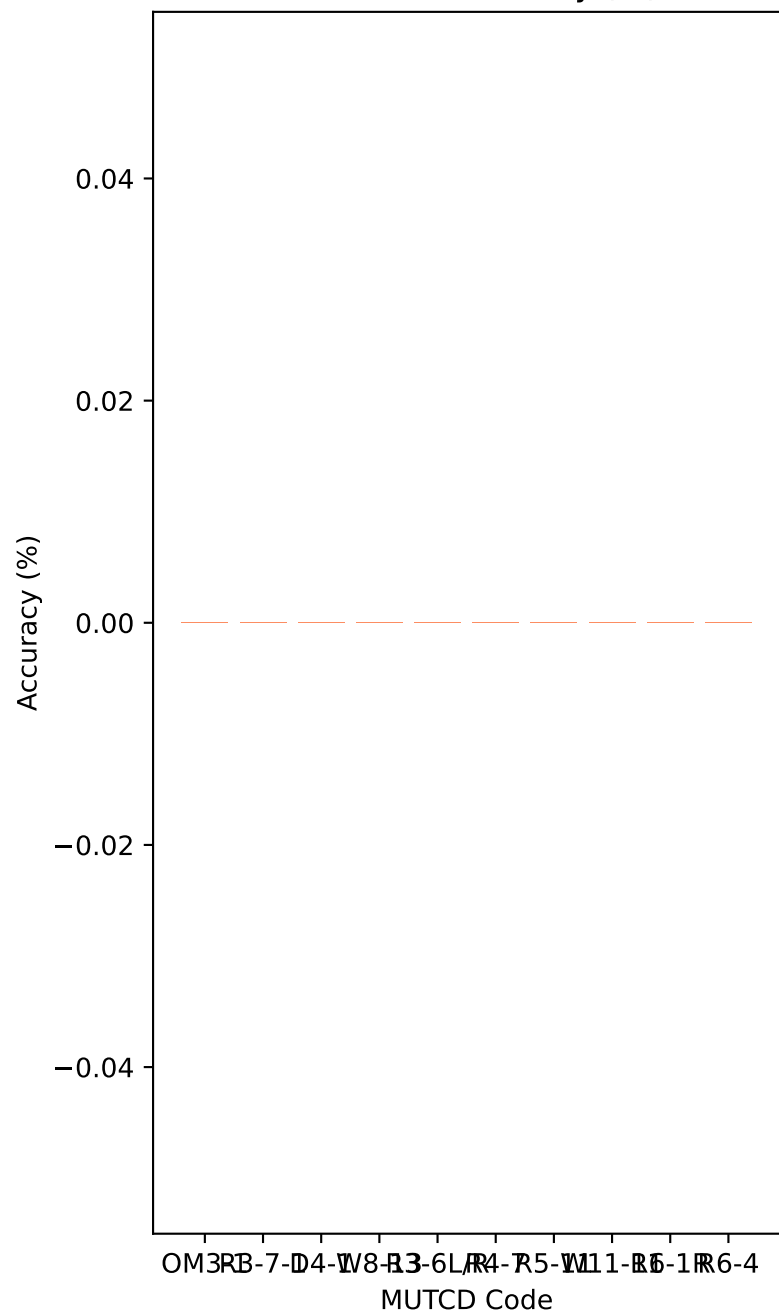
Top 10 Unmatched MUTCD Counts



Top 10 Accuracy (%)



Lowest 10 Accuracy (%)



MUTCD	Accuracy	File 1	File 2
D0-0	100.0%	1	0
R5-10a	100.0%	1	0
R61(CA)	100.0%	4	0
R6-4B	100.0%	1	0
R6-1L	100.0%	4	0
R5-4a	100.0%	1	0
R5-33	100.0%	1	0
R5-2b	100.0%	1	0
R5-2aP	100.0%	1	0
R5-10b	100.0%	1	0

MUTCD	Accuracy	File 1	File 2
OM3-1	0.0%	0	1
R3-7-1	0.0%	1	0
D4-1	0.0%	1	0
W8-13	0.0%	1	0
R3-6L/R	0.0%	0	1
R4-7	0.0%	1	1
R5-11	0.0%	1	0
W11-11	0.0%	1	0
R6-1R	0.0%	1	0
R6-4	0.0%	1	0

Buffer Distance: 10 meters  
Report Generated: 2025-02-20 15:01:02

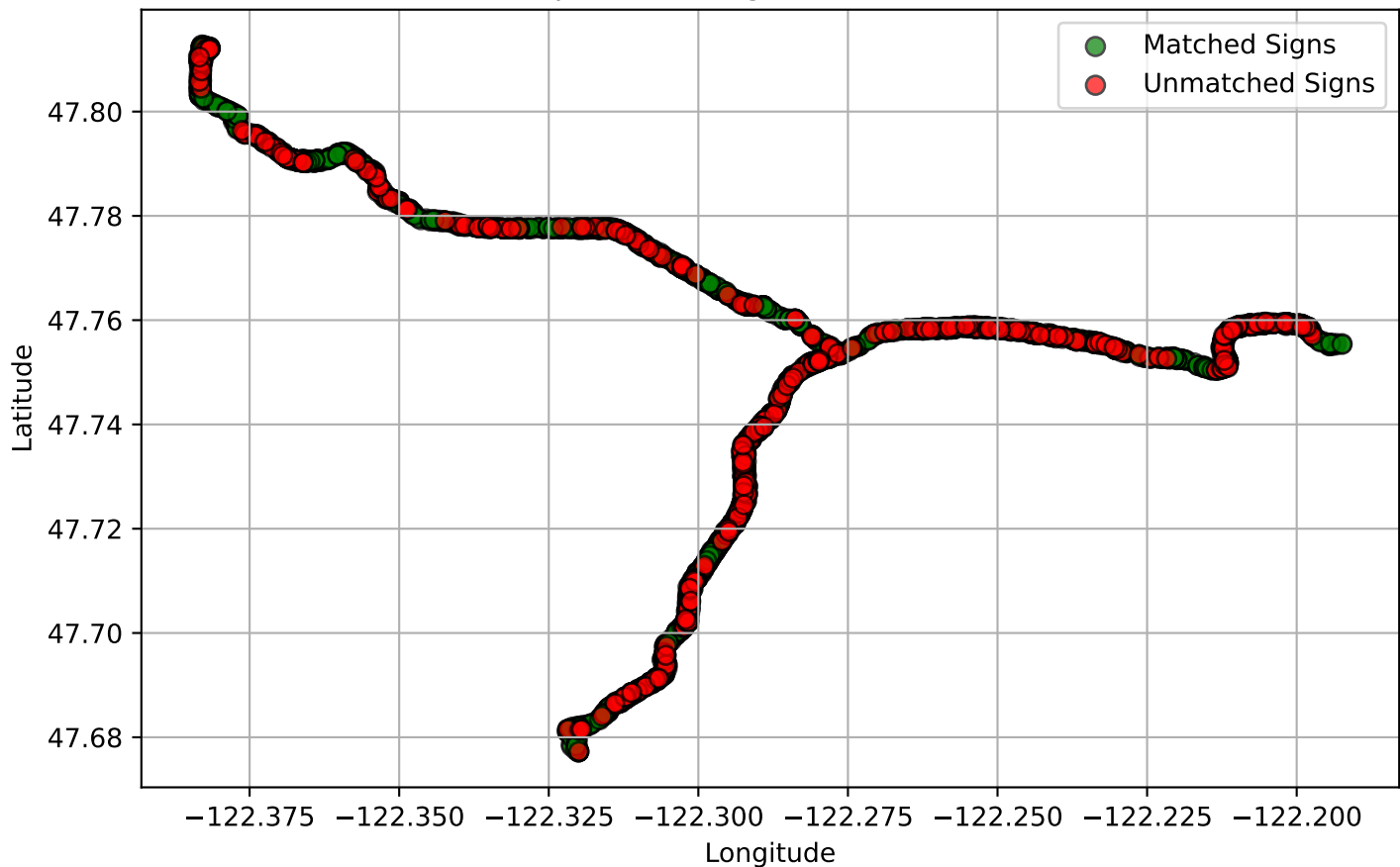
-- Matching Metrics --  
Total signs in File 1: 3183  
Total signs in File 2: 3091  
Matched signs: 2927  
Unmatched in File 1: 256  
Unmatched in File 2: 164

Percentage matched in File 1: 91.96%  
Percentage matched in File 2: 94.69%

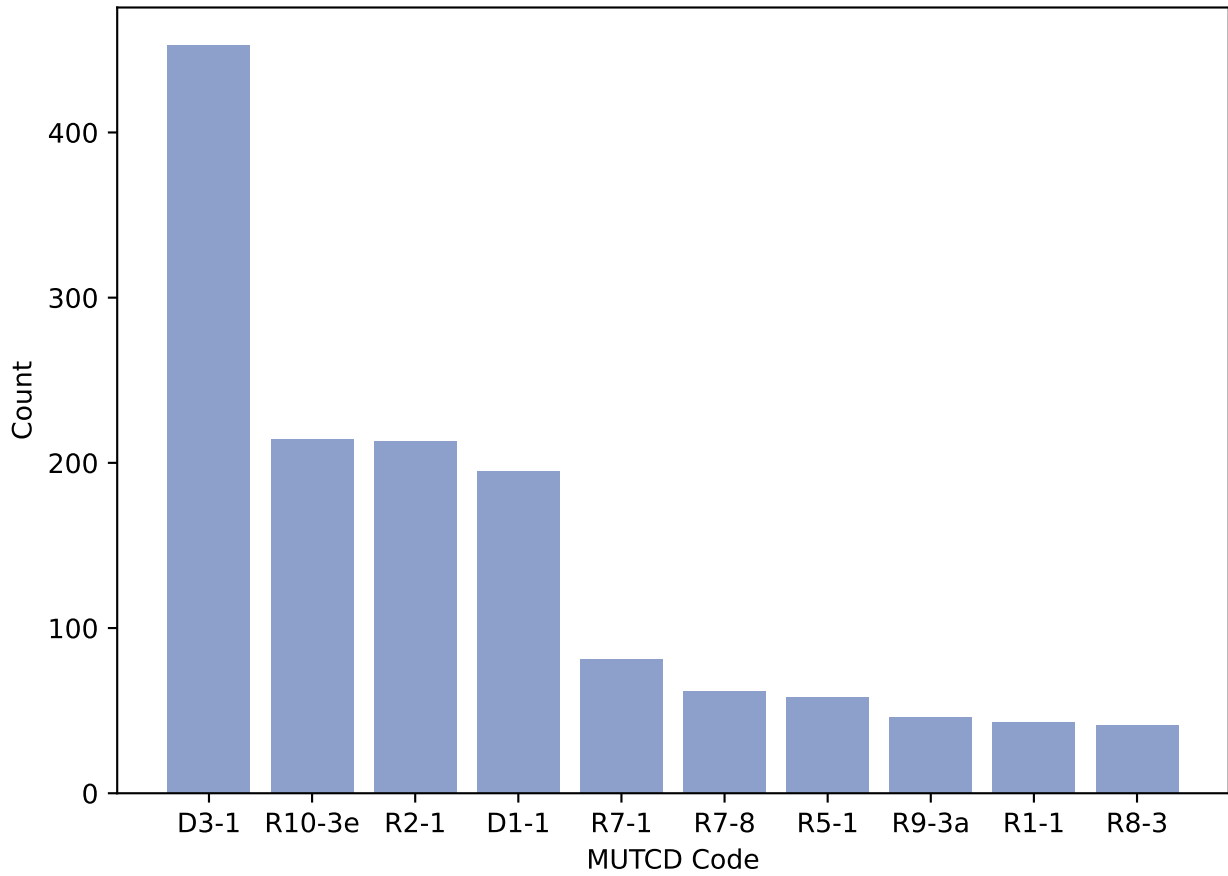
Average match distance: 0.29 m  
Minimum match distance: 0.00 m  
Maximum match distance: 9.97 m

-- Bounding Box Metrics --  
File 1 (Mach9): Diagonal  $\approx 20772.36$  m, Area  $\approx 215716045.75$  m<sup>2</sup>  
File 2 (Client): Diagonal  $\approx 20772.37$  m, Area  $\approx 215716318.57$  m<sup>2</sup>

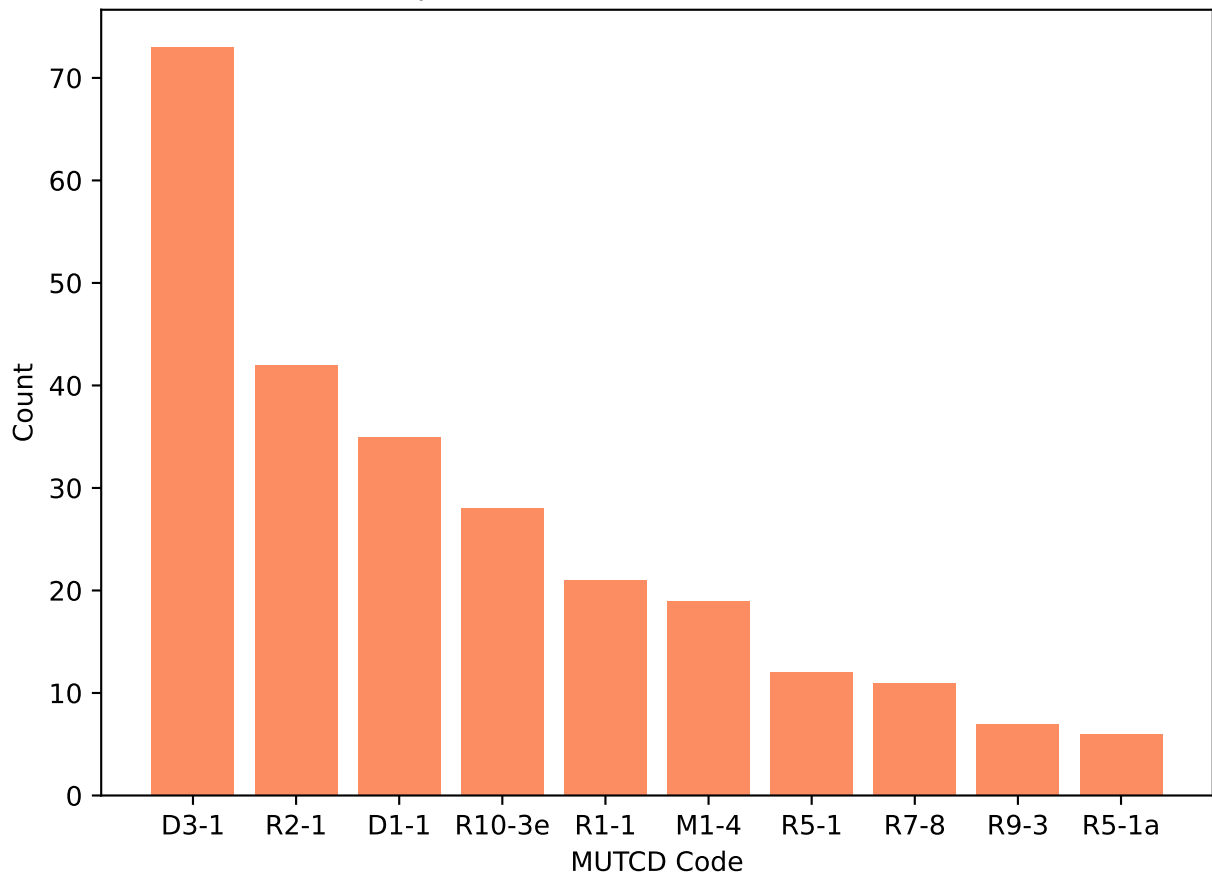
Map of Road Signs (Buffer: 10 m)



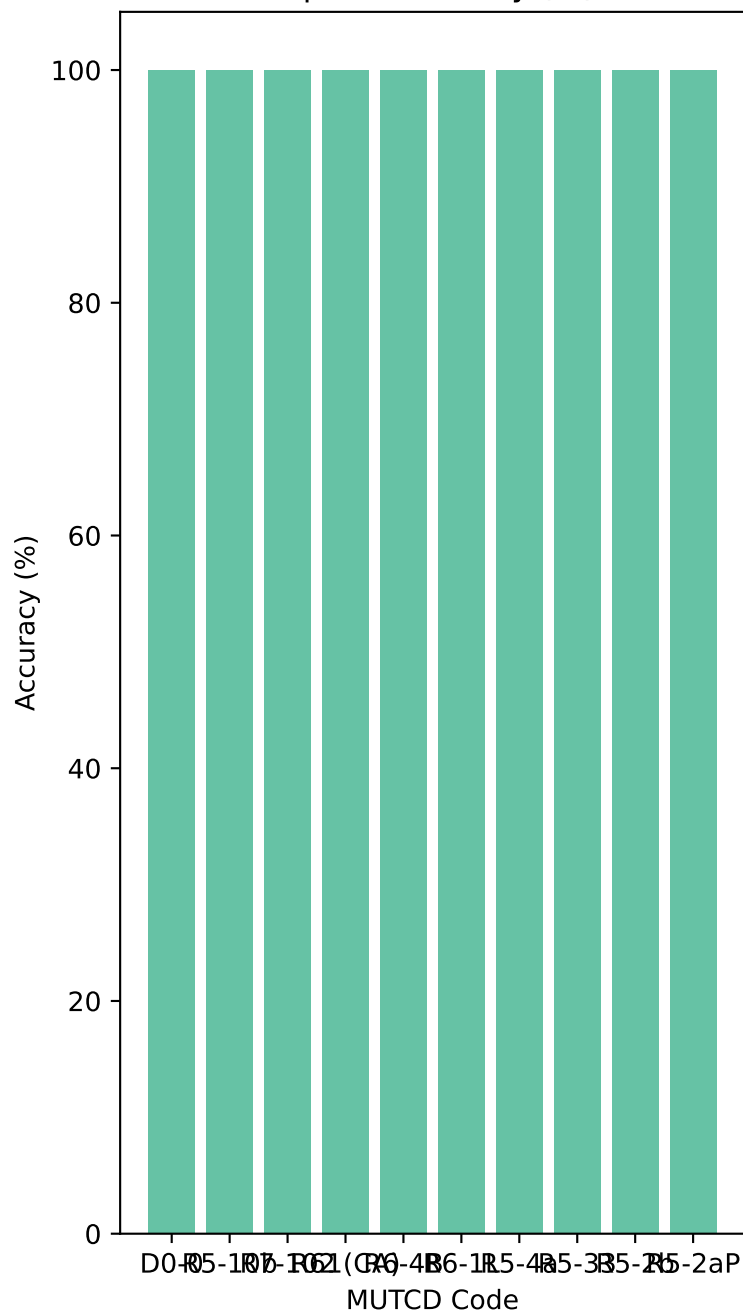
Top 10 Matched MUTCD Counts



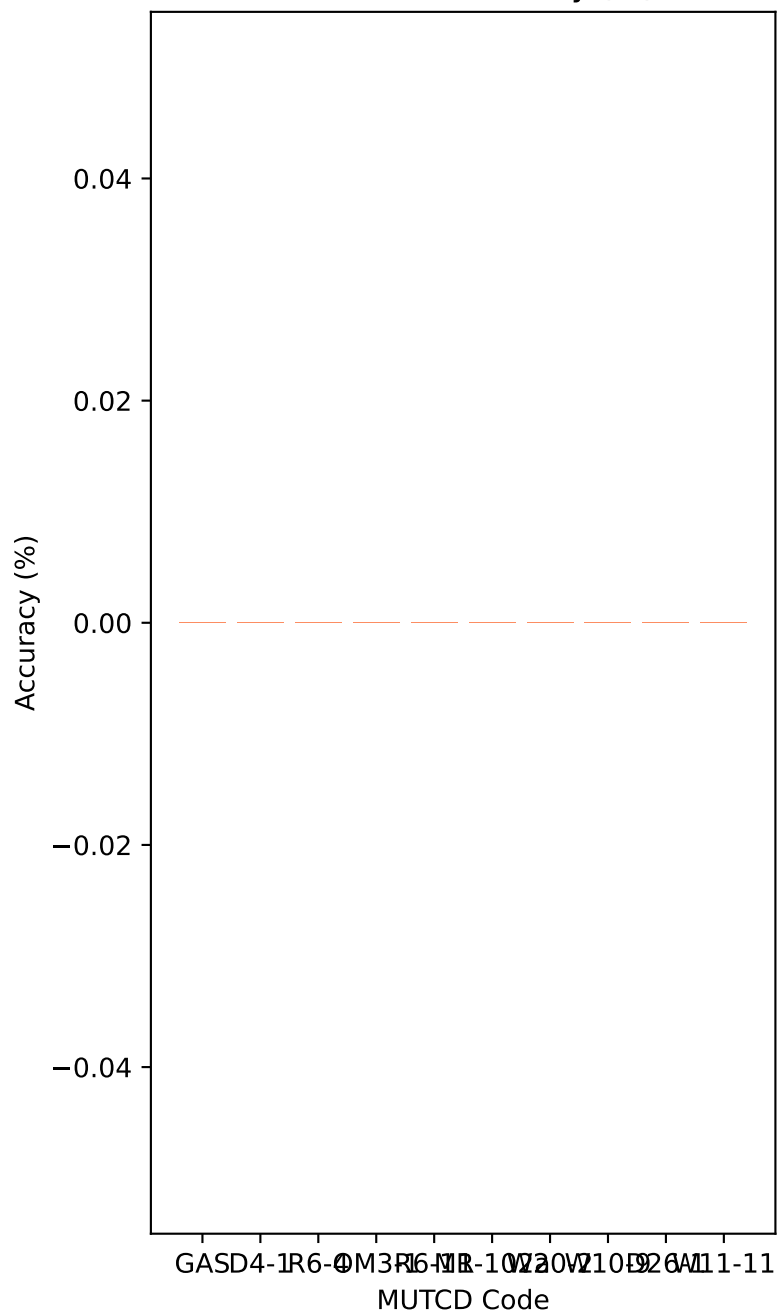
Top 10 Unmatched MUTCD Counts



Top 10 Accuracy (%)



Lowest 10 Accuracy (%)



MUTCD	Accuracy	File 1	File 2
D0-0	100.0%	1	0
R5-10b	100.0%	1	0
R7-102	100.0%	1	0
R61(CA)	100.0%	4	0
R6-4B	100.0%	1	0
R6-1L	100.0%	4	0
R5-4a	100.0%	1	0
R5-33	100.0%	1	0
R5-2b	100.0%	1	0
R5-2aP	100.0%	1	0

MUTCD	Accuracy	File 1	File 2
GAS	0.0%	0	1
D4-1	0.0%	1	0
R6-4	0.0%	1	0
OM3-1	0.0%	0	1
R6-1R	0.0%	1	0
M1-102a	0.0%	0	1
W20-2	0.0%	1	0
W10-9	0.0%	0	1
D26-1	0.0%	1	0
W11-11	0.0%	1	0

Buffer Distance: 12 meters  
Report Generated: 2025-02-20 15:01:03

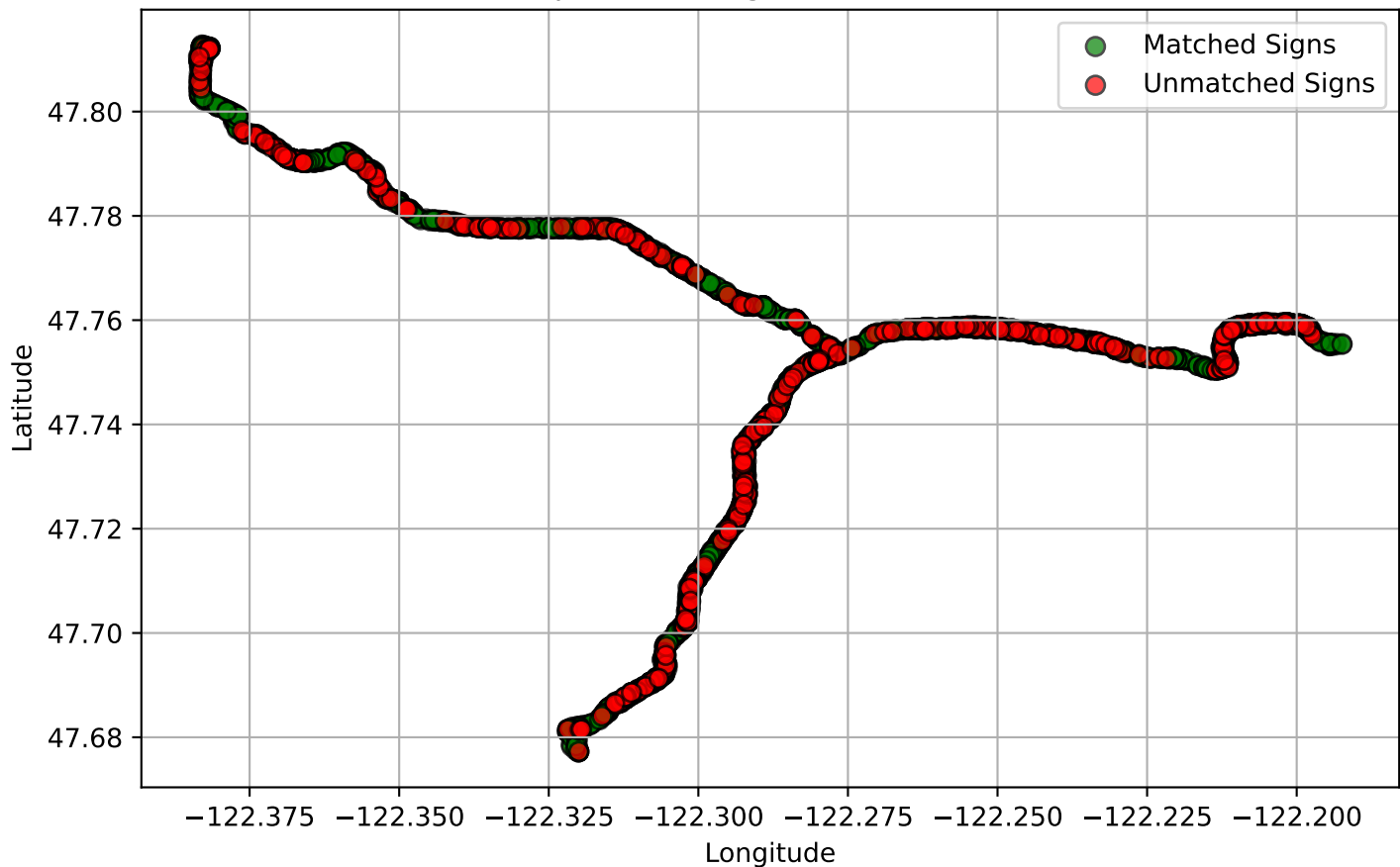
-- Matching Metrics --  
Total signs in File 1: 3183  
Total signs in File 2: 3091  
Matched signs: 2930  
Unmatched in File 1: 253  
Unmatched in File 2: 161

Percentage matched in File 1: 92.05%  
Percentage matched in File 2: 94.79%

Average match distance: 0.36 m  
Minimum match distance: 0.00 m  
Maximum match distance: 11.99 m

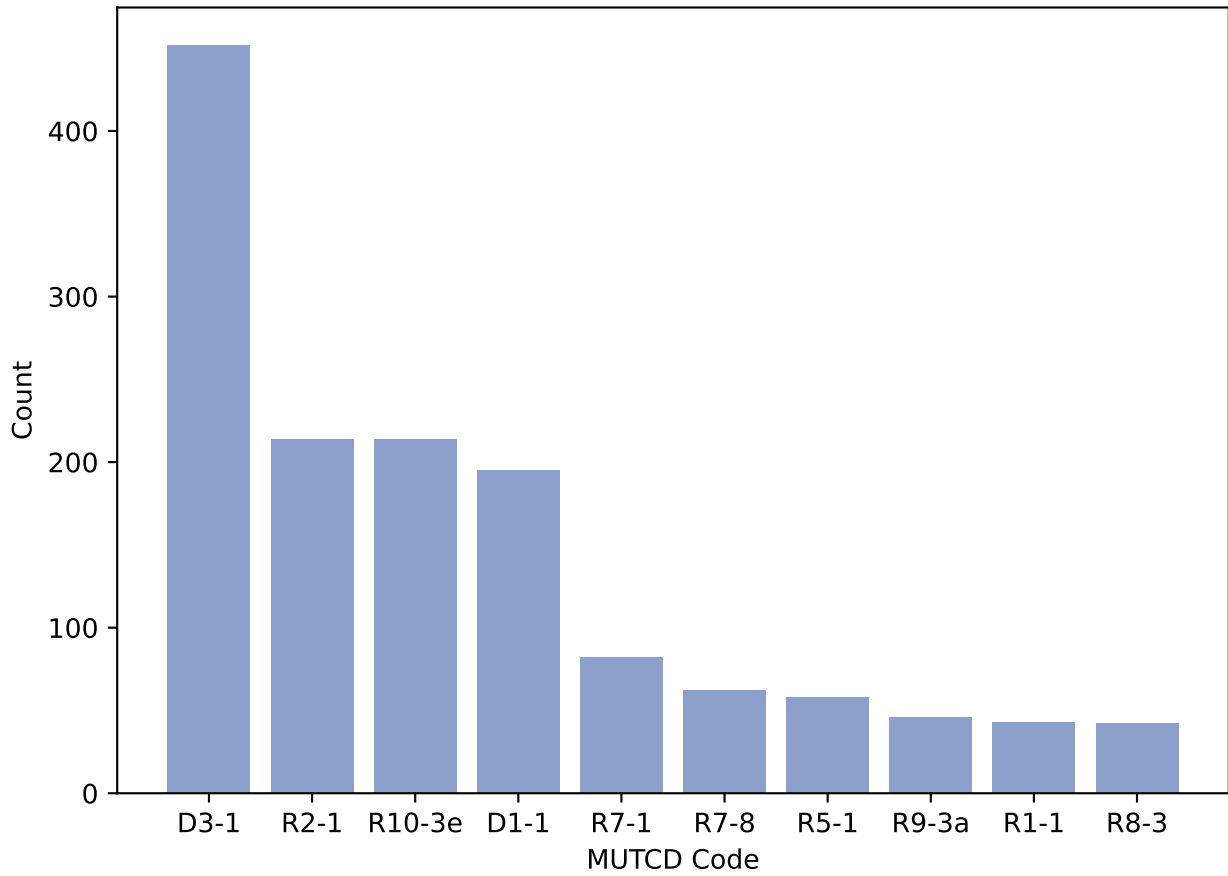
-- Bounding Box Metrics --  
File 1 (Mach9): Diagonal  $\approx 20772.36$  m, Area  $\approx 215716045.75$  m<sup>2</sup>  
File 2 (Client): Diagonal  $\approx 20772.37$  m, Area  $\approx 215716318.57$  m<sup>2</sup>

Map of Road Signs (Buffer: 12 m)

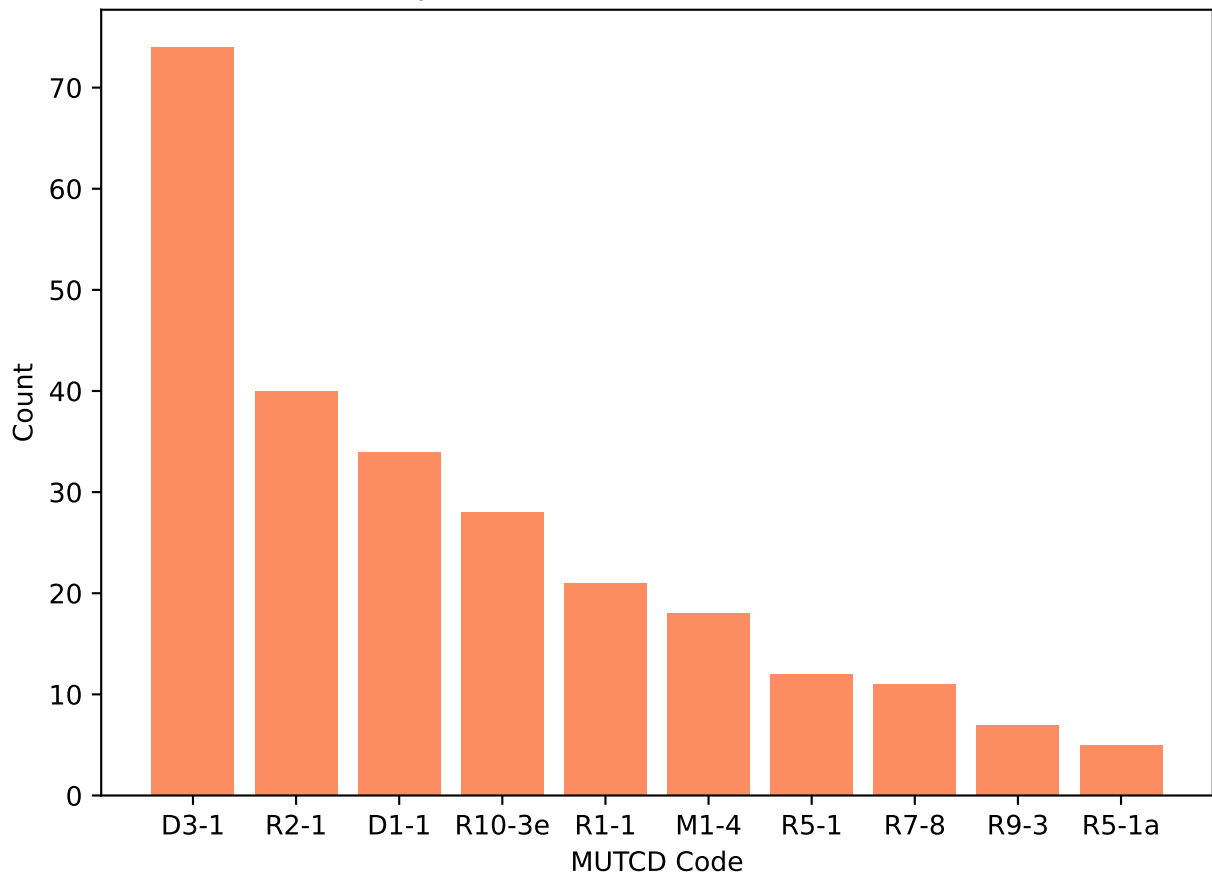




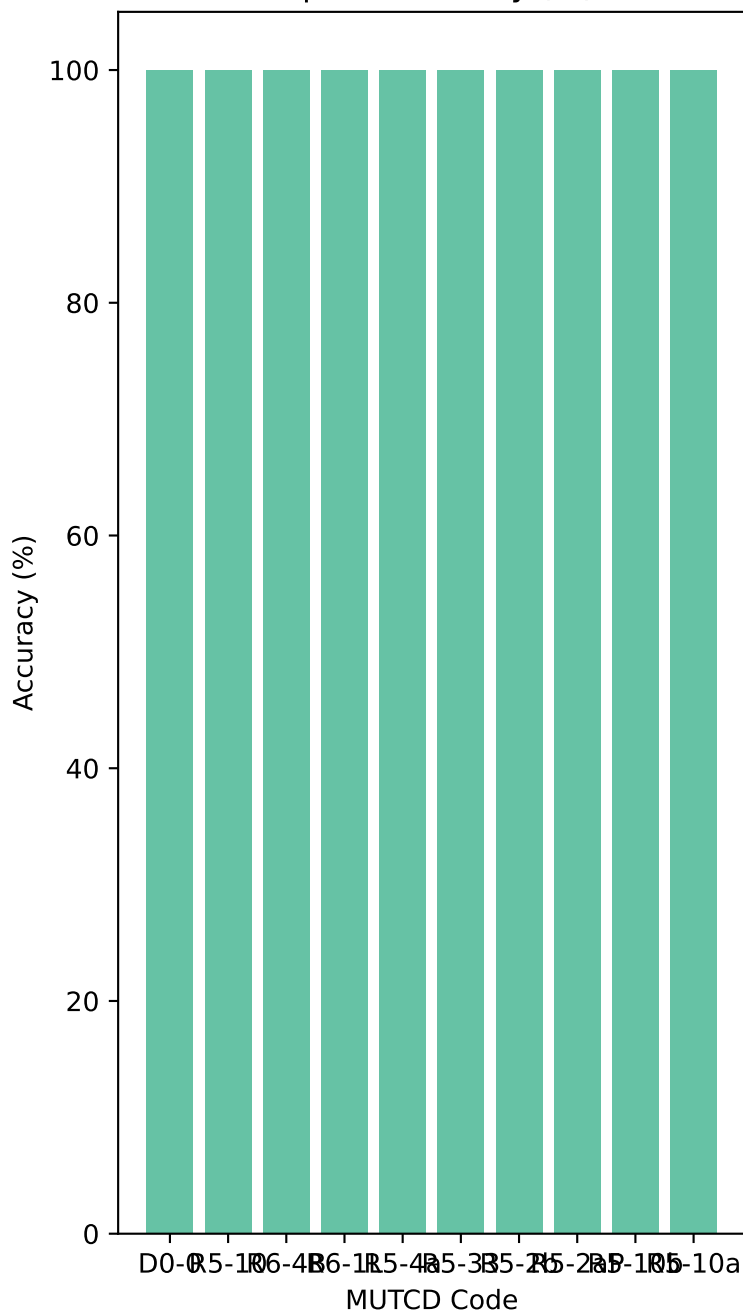
Top 10 Matched MUTCD Counts



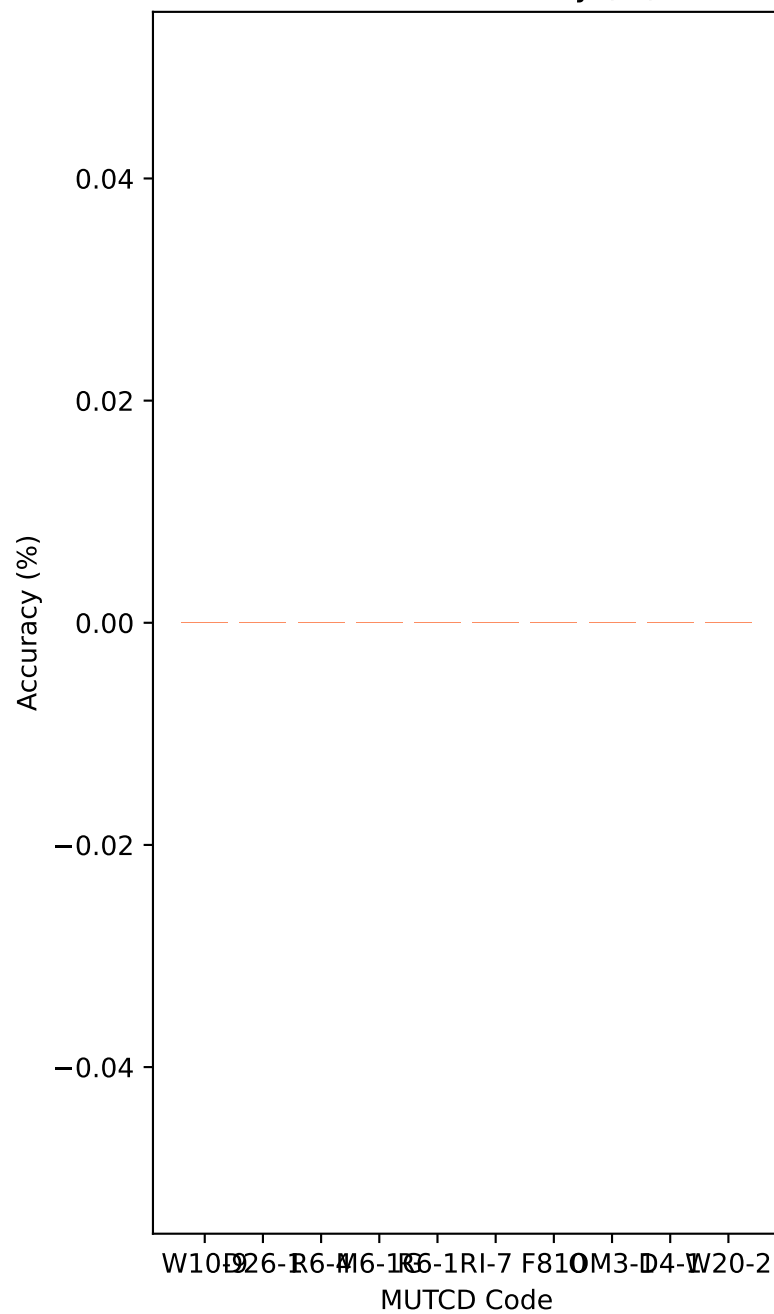
Top 10 Unmatched MUTCD Counts



Top 10 Accuracy (%)



Lowest 10 Accuracy (%)



MUTCD	Accuracy	File 1	File 2
D0-0	100.0%	1	0
R5-10	100.0%	1	0
R6-4B	100.0%	1	0
R6-1L	100.0%	4	0
R5-4a	100.0%	1	0
R5-33	100.0%	1	0
R5-2b	100.0%	1	0
R5-2aP	100.0%	1	0
R5-10b	100.0%	1	0
R5-10a	100.0%	1	0

MUTCD	Accuracy	File 1	File 2
W10-9	0.0%	0	1
D26-1	0.0%	1	0
R6-4	0.0%	1	0
M6-1G	0.0%	1	0
R6-1R	0.0%	1	0
I-7	0.0%	1	0
F810	0.0%	0	1
OM3-1	0.0%	0	1
D4-1	0.0%	1	0
W20-2	0.0%	1	0