



IxNetwork Report

RFC 7747 RIB-In Convergence



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Test info

Test Suite	RFC7747
Test Name	Rib-In Convergence
Date	09/30/19
Time	07:09:08
Number of Trials Executed	5
Number of Trials Passed	0
Test Duration	04:33:57



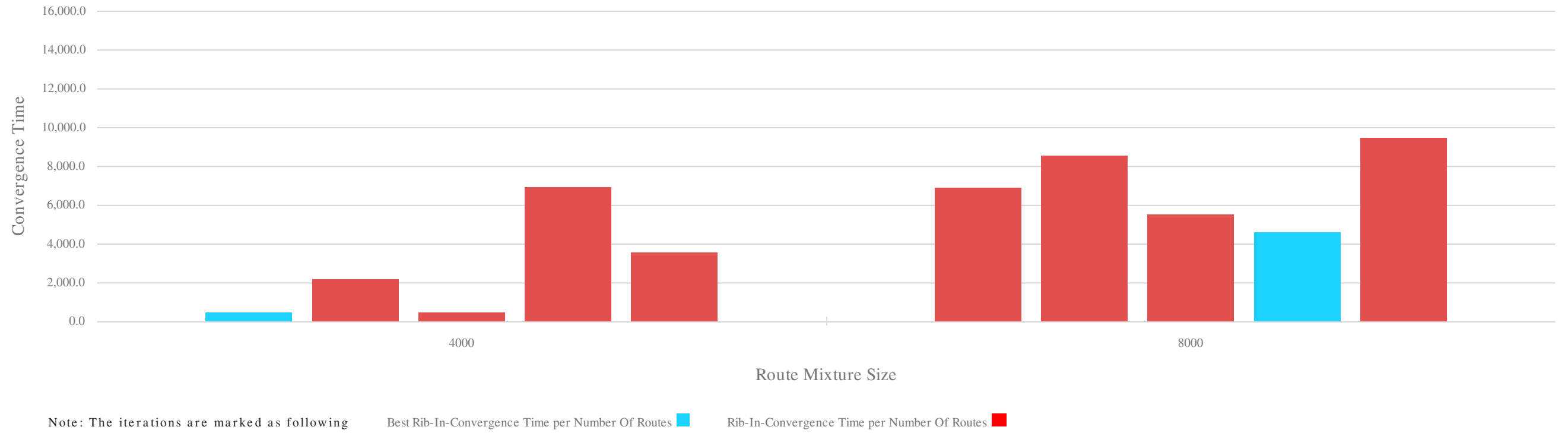
Port Map info

Tx Port	Tx Speed (Gbps)	Rx Port	Rx Speed (Gbps)
192.168.230.16;2;1	10	192.168.230.16;2;3	10

Port info

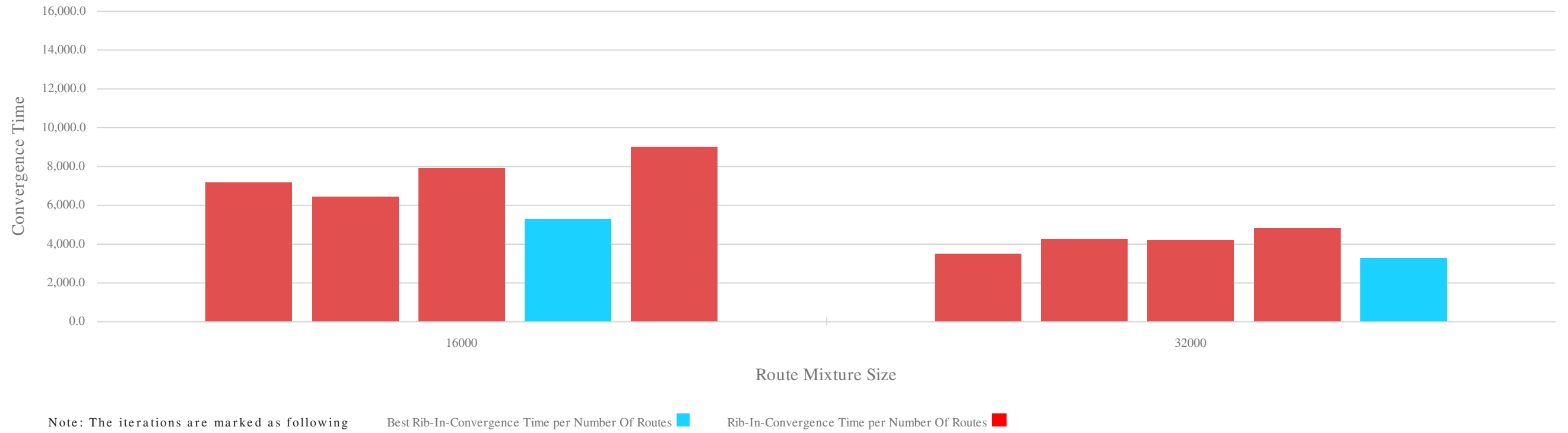
Port Name	Assigned To	Tx Mode	Speed (Mbps)	Card Type	Version
192.168.230.16;2;1	192.168.230.16;2:1	Interleaved	10000	NGY-NP4	IxOS 9.00.1900.10
192.168.230.16;2;3	192.168.230.16;2:3	Interleaved	10000	NGY-NP4	IxOS 9.00.1900.10

Rib-In-Convergence - Trial 1



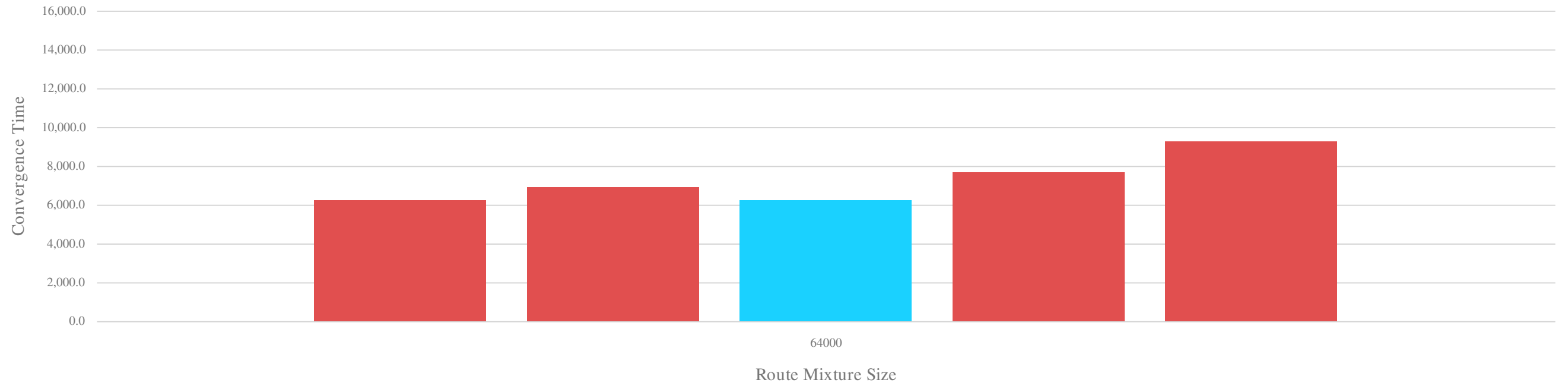
Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
1-4000-1	431.892
1-4000-2	2199.752
1-4000-3	462.866
1-4000-4	6942.171
1-4000-5	3560.000
1-8000-1	6843.956
1-8000-2	8508.385
1-8000-3	5458.060
1-8000-4	4568.203
1-8000-5	9407.773

Rib-In-Convergence - Trial 1



Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
1-16000-1	7119.877
1-16000-2	6385.703
1-16000-3	7863.401
1-16000-4	5282.206
1-16000-5	8951.694
1-32000-1	3471.369
1-32000-2	4221.894
1-32000-3	4155.294
1-32000-4	4797.199
1-32000-5	3247.655

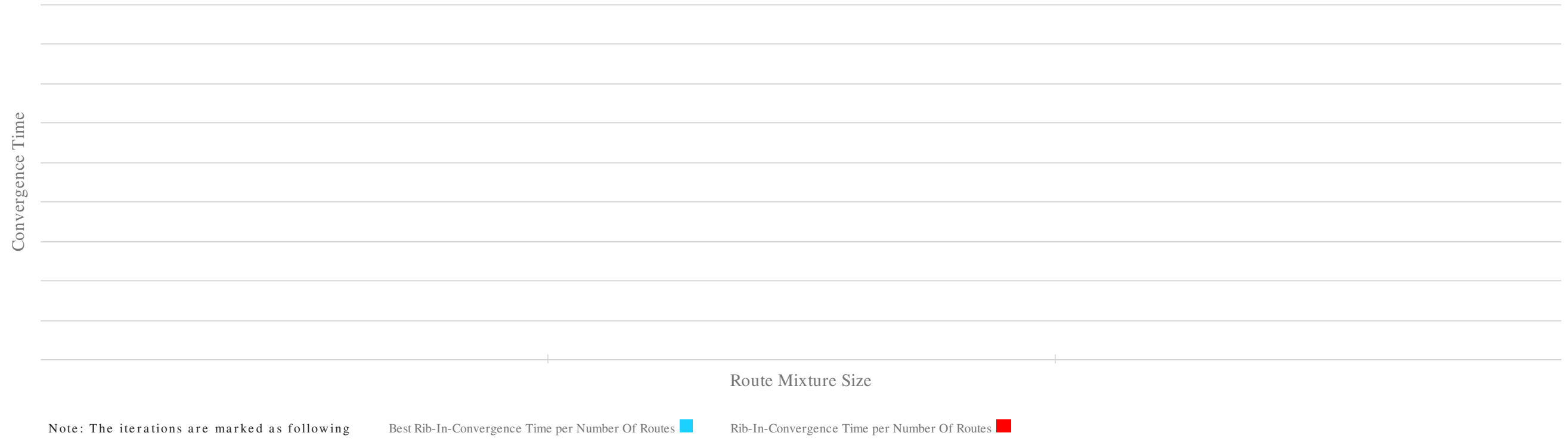
Rib-In-Convergence - Trial 1



Note: The iterations are marked as following ■ Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes

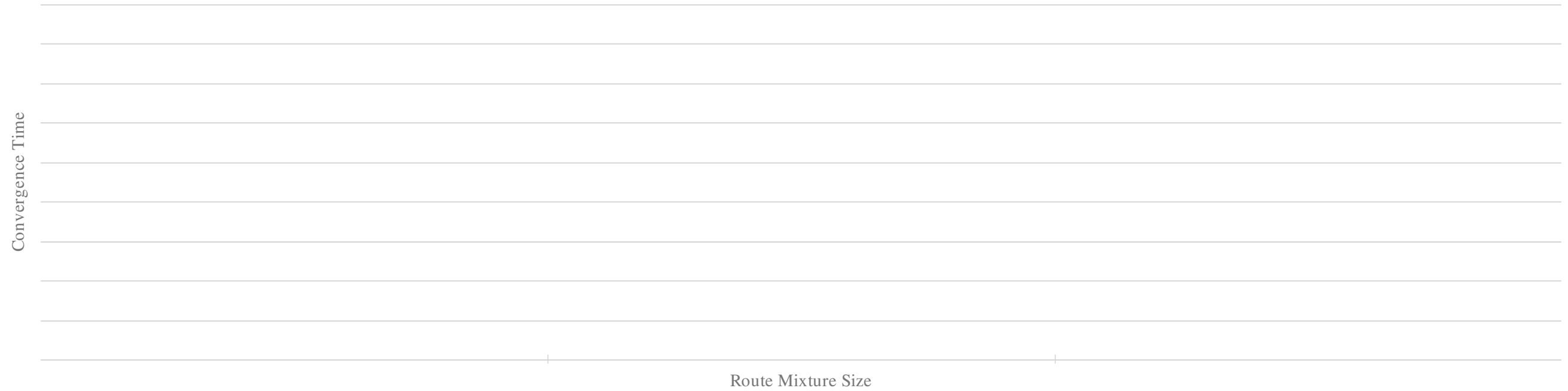
Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
1-64000-1	6233.267
1-64000-2	6904.398
1-64000-3	6225.759
1-64000-4	7654.755
1-64000-5	9277.521
1-500000-1	NA
1-500000-2	NA
1-500000-3	NA
1-500000-4	NA
1-500000-5	NA

Rib-In-Convergence - Trial 1



Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
1-600000-1	NA
1-600000-2	NA
1-600000-3	NA
1-600000-4	NA
1-600000-5	NA
1-700000-1	NA
1-700000-2	NA
1-700000-3	NA
1-700000-4	NA
1-700000-5	NA

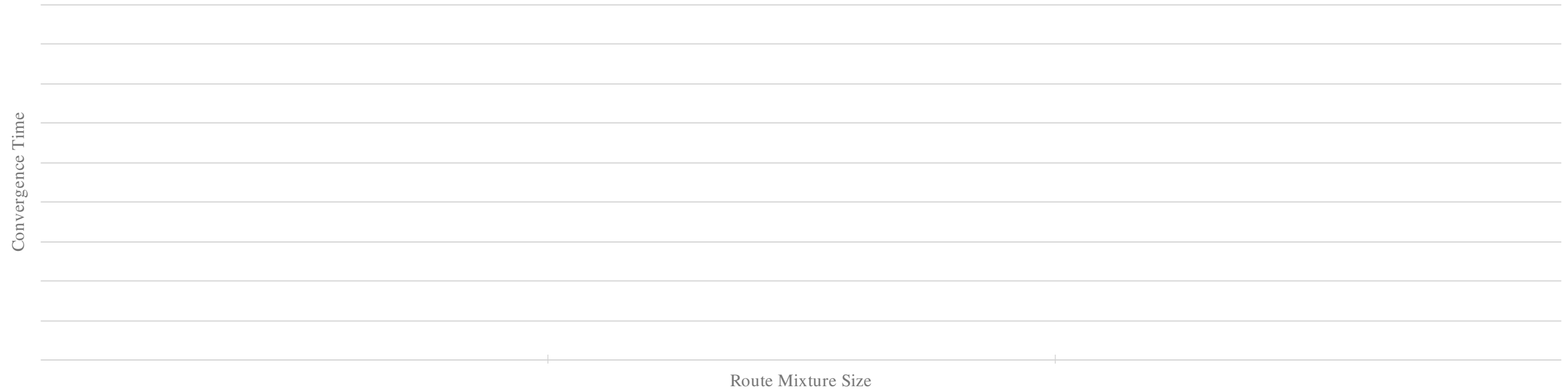
Rib-In-Convergence - Trial 1



Note: The iterations are marked as following Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes ■

Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
1-800000-1	NA
1-800000-2	NA
1-800000-3	NA
1-800000-4	NA
1-800000-5	NA

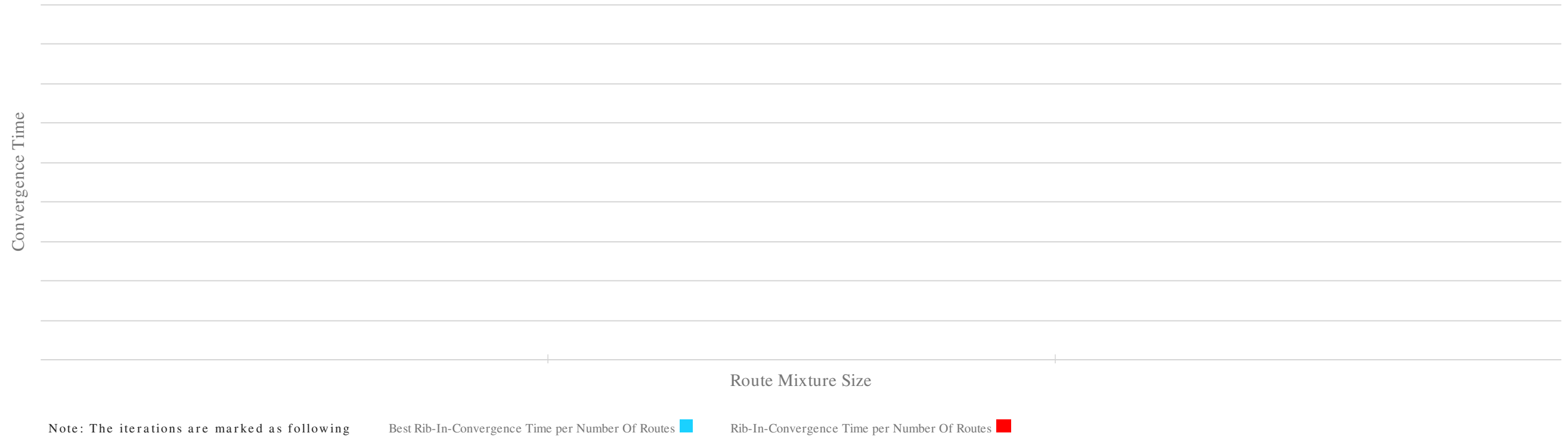
Rib-In-Convergence - Trial 2



Note: The iterations are marked as following ■ Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes

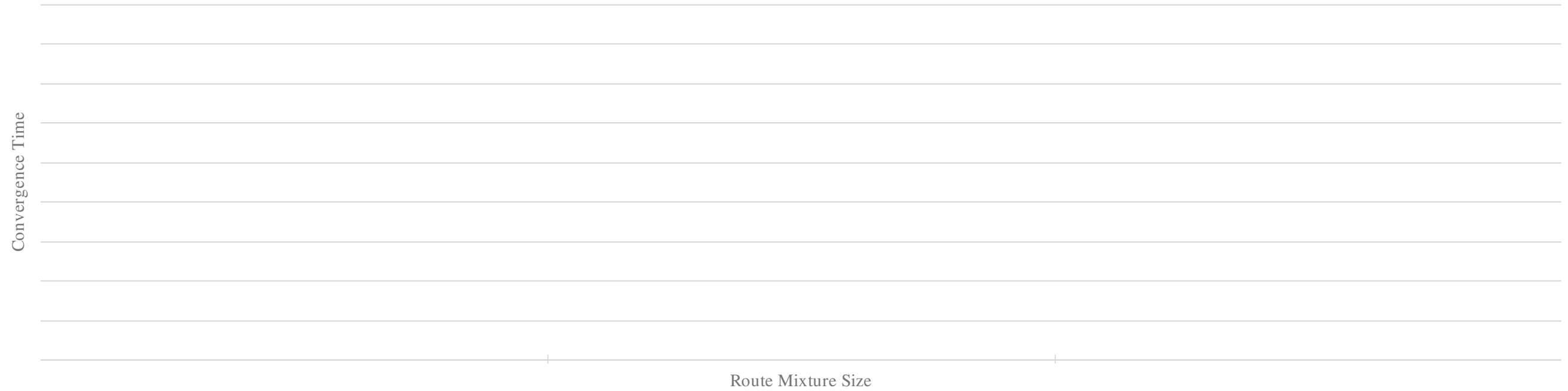
Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
2-4000-1	NA
2-4000-2	NA
2-4000-3	NA
2-4000-4	NA
2-4000-5	NA
2-8000-1	NA
2-8000-2	NA
2-8000-3	NA
2-8000-4	NA
2-8000-5	NA

Rib-In-Convergence - Trial 2



Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
2-16000-1	NA
2-16000-2	NA
2-16000-3	NA
2-16000-4	NA
2-16000-5	NA
2-32000-1	NA
2-32000-2	NA
2-32000-3	NA
2-32000-4	NA
2-32000-5	NA

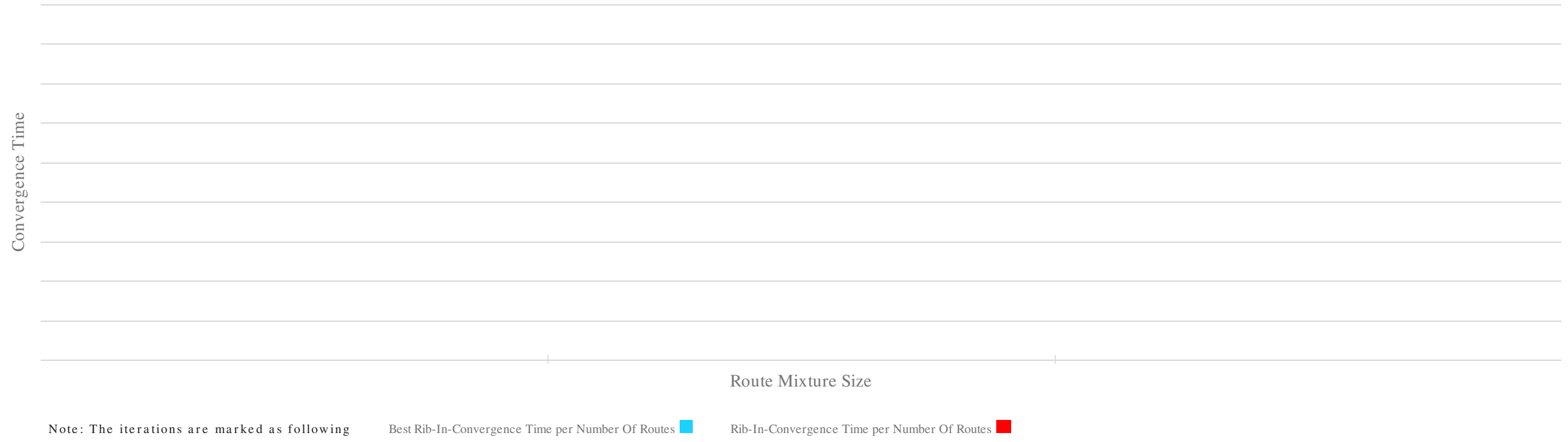
Rib-In-Convergence - Trial 2



Note: The iterations are marked as following ■ Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes

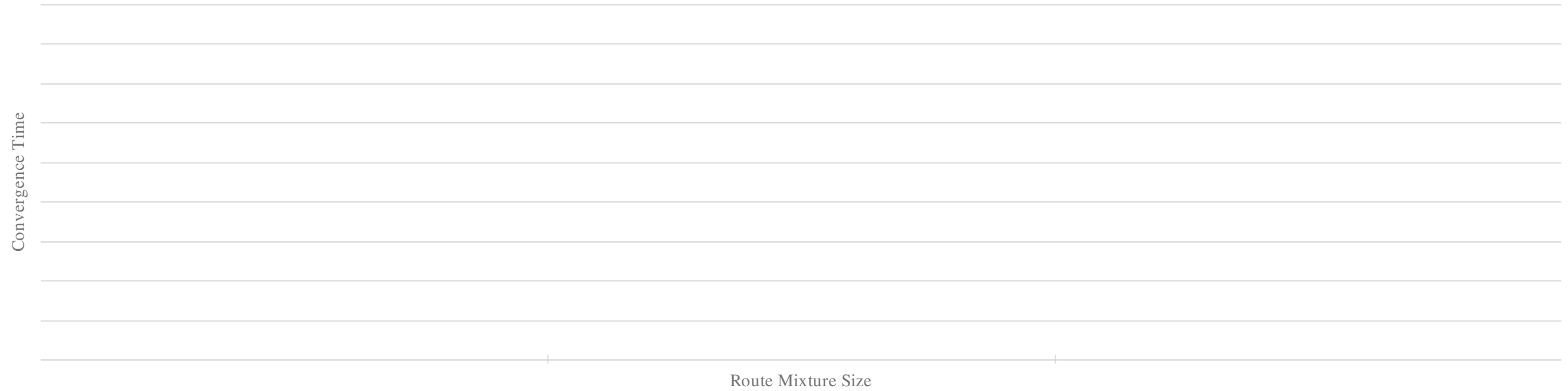
Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
2-64000-1	NA
2-64000-2	NA
2-64000-3	NA
2-64000-4	NA
2-64000-5	NA
2-500000-1	NA
2-500000-2	NA
2-500000-3	NA
2-500000-4	NA
2-500000-5	NA

Rib-In-Convergence - Trial 2



Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
2-600000-1	NA
2-600000-2	NA
2-600000-3	NA
2-600000-4	NA
2-600000-5	NA
2-700000-1	NA
2-700000-2	NA
2-700000-3	NA
2-700000-4	NA
2-700000-5	NA

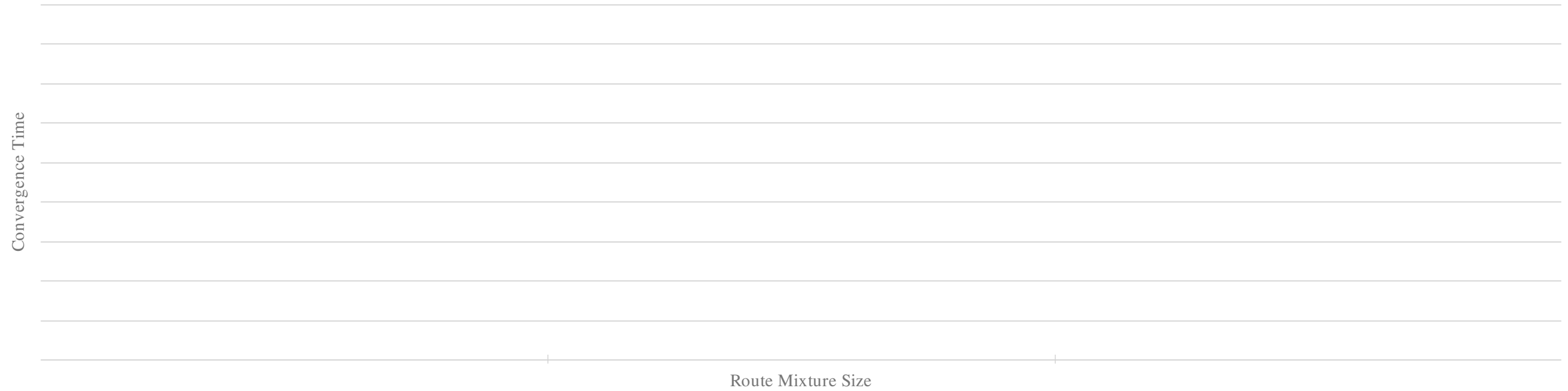
Rib-In-Convergence - Trial 2



Note: The iterations are marked as following Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes ■

Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
2-800000-1	NA
2-800000-2	NA
2-800000-3	NA
2-800000-4	NA
2-800000-5	NA

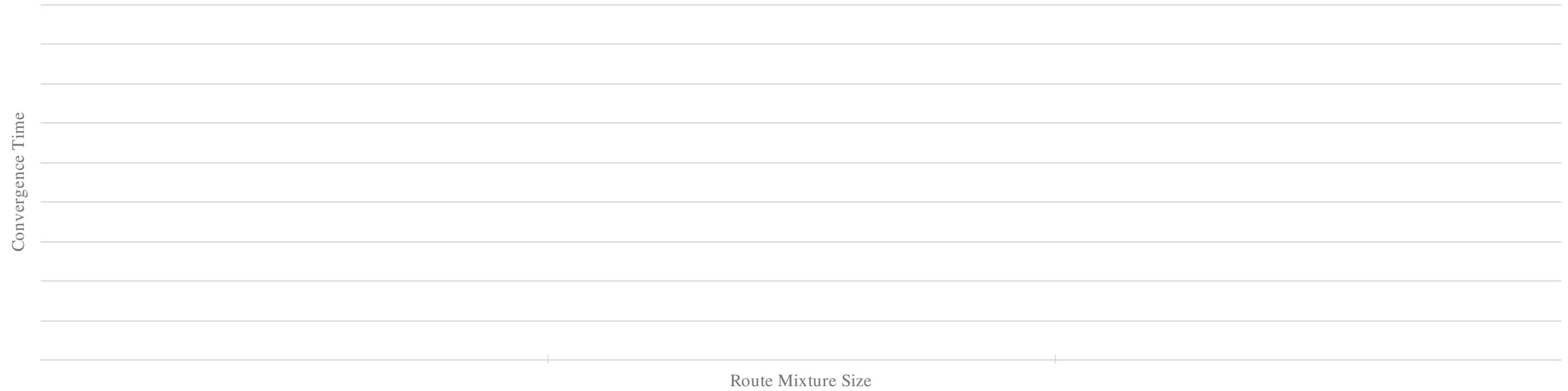
Rib-In-Convergence - Trial 3



Note: The iterations are marked as following ■ Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes

Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
3-4000-1	NA
3-4000-2	NA
3-4000-3	NA
3-4000-4	NA
3-4000-5	NA
3-8000-1	NA
3-8000-2	NA
3-8000-3	NA
3-8000-4	NA
3-8000-5	NA

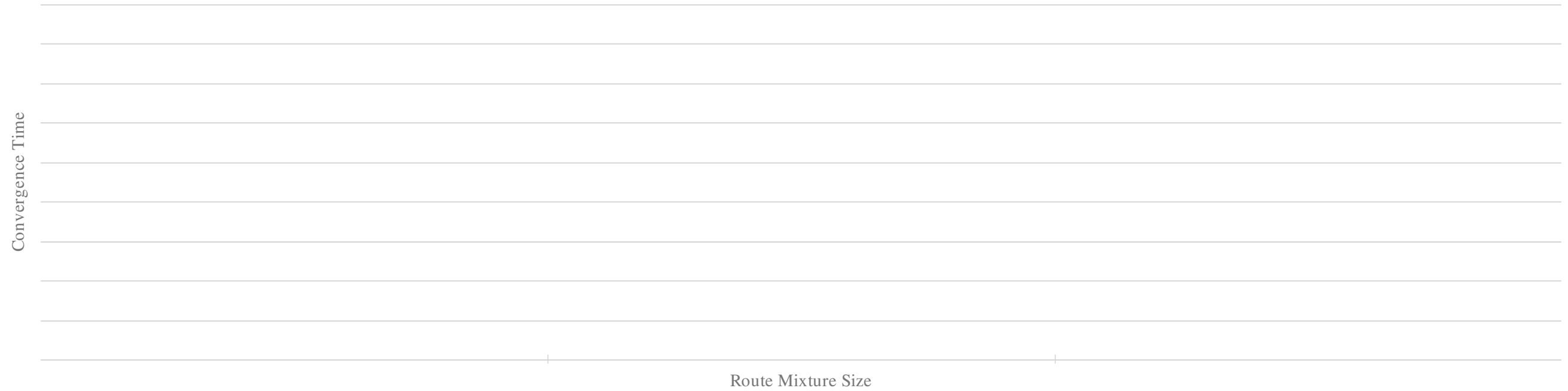
Rib-In-Convergence - Trial 3



Note: The iterations are marked as following ■ Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes

Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
3-16000-1	NA
3-16000-2	NA
3-16000-3	NA
3-16000-4	NA
3-16000-5	NA
3-32000-1	NA
3-32000-2	NA
3-32000-3	NA
3-32000-4	NA
3-32000-5	NA

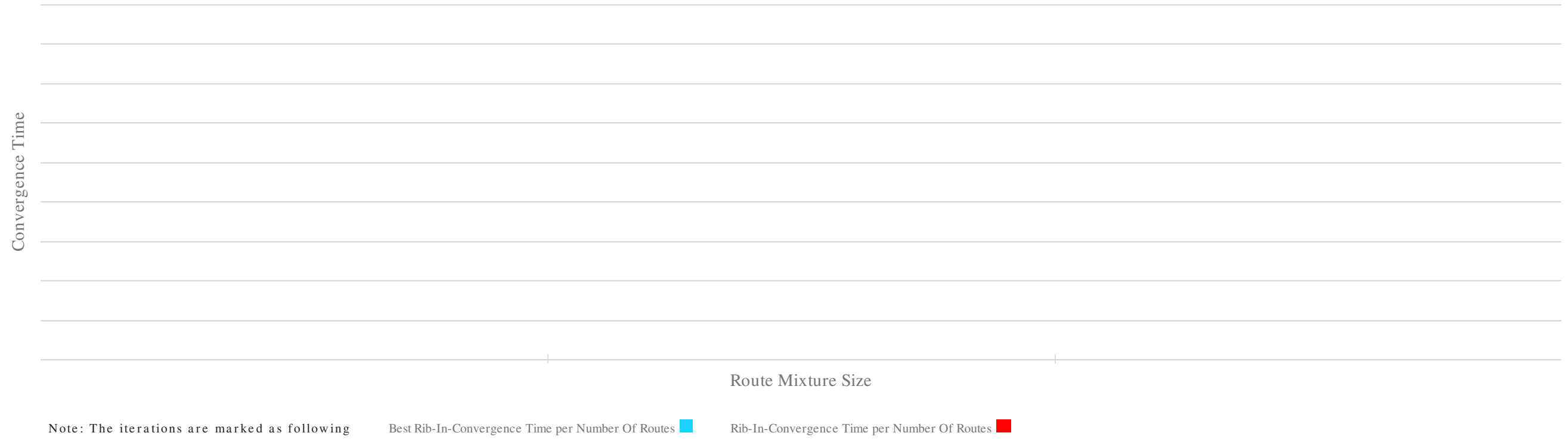
Rib-In-Convergence - Trial 3



Note: The iterations are marked as following ■ Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes

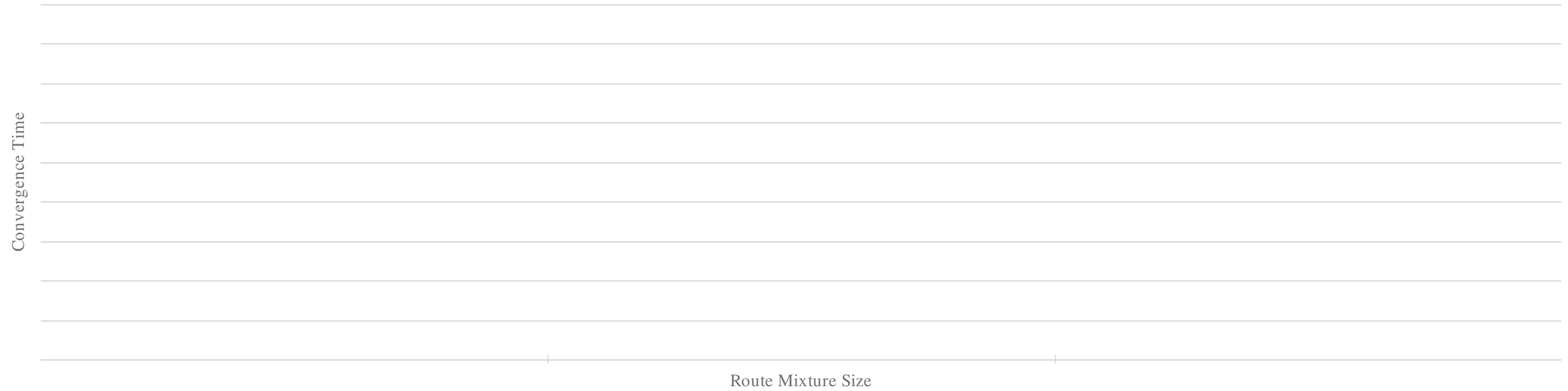
Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
3-64000-1	NA
3-64000-2	NA
3-64000-3	NA
3-64000-4	NA
3-64000-5	NA
3-500000-1	NA
3-500000-2	NA
3-500000-3	NA
3-500000-4	NA
3-500000-5	NA

Rib-In-Convergence - Trial 3



Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
3-600000-1	NA
3-600000-2	NA
3-600000-3	NA
3-600000-4	NA
3-600000-5	NA
3-700000-1	NA
3-700000-2	NA
3-700000-3	NA
3-700000-4	NA
3-700000-5	NA

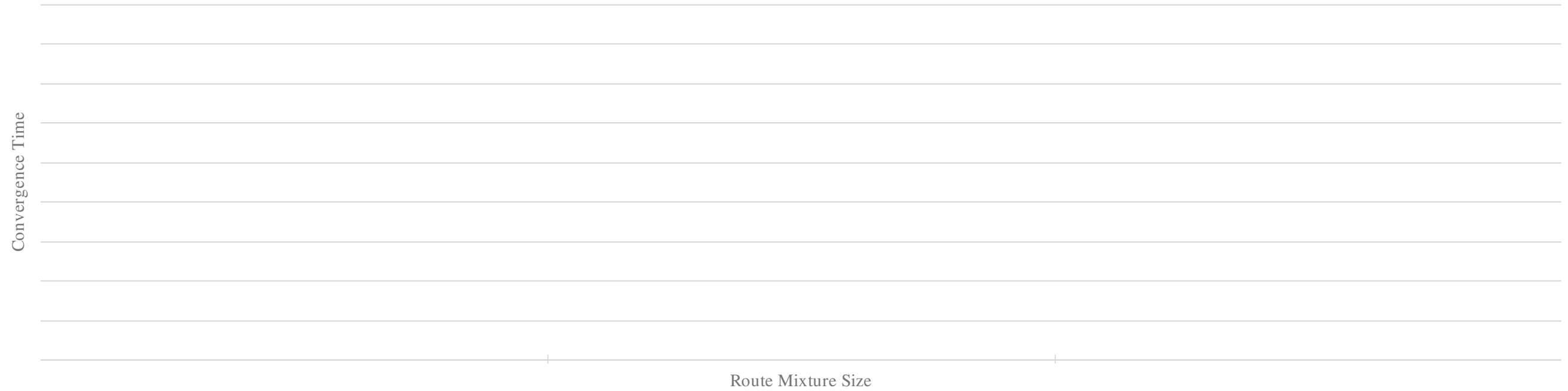
Rib-In-Convergence - Trial 3



Note: The iterations are marked as following Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes ■

Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
3-800000-1	NA
3-800000-2	NA
3-800000-3	NA
3-800000-4	NA
3-800000-5	NA

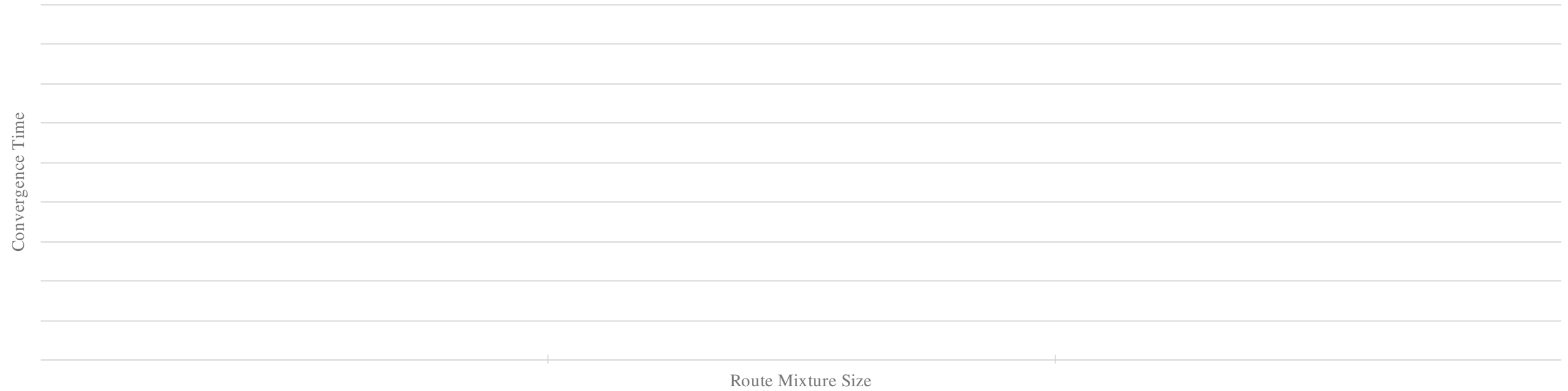
Rib-In-Convergence - Trial 4



Note: The iterations are marked as following ■ Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes

Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
4-4000-1	NA
4-4000-2	NA
4-4000-3	NA
4-4000-4	NA
4-4000-5	NA
4-8000-1	NA
4-8000-2	NA
4-8000-3	NA
4-8000-4	NA
4-8000-5	NA

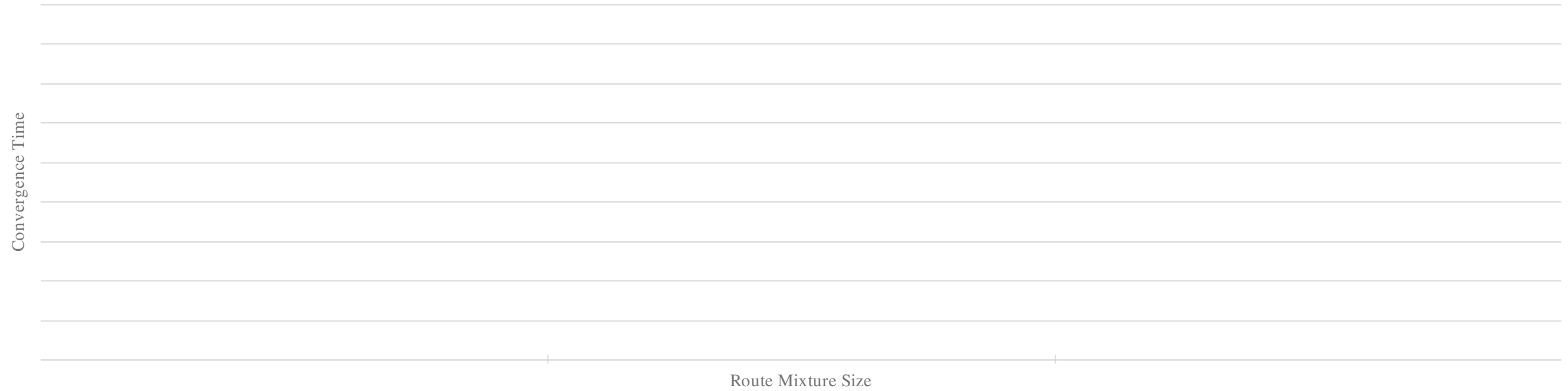
Rib-In-Convergence - Trial 4



Note: The iterations are marked as following Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes ■

Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
4-16000-1	NA
4-16000-2	NA
4-16000-3	NA
4-16000-4	NA
4-16000-5	NA
4-32000-1	NA
4-32000-2	NA
4-32000-3	NA
4-32000-4	NA
4-32000-5	NA

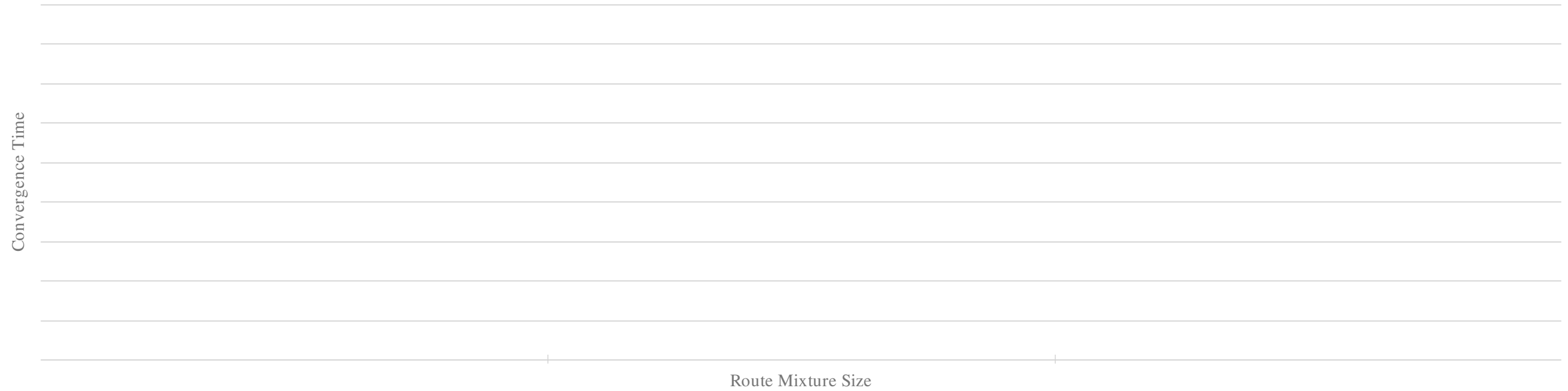
Rib-In-Convergence - Trial 4



Note: The iterations are marked as following ■ Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes

Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
4-64000-1	NA
4-64000-2	NA
4-64000-3	NA
4-64000-4	NA
4-64000-5	NA
4-500000-1	NA
4-500000-2	NA
4-500000-3	NA
4-500000-4	NA
4-500000-5	NA

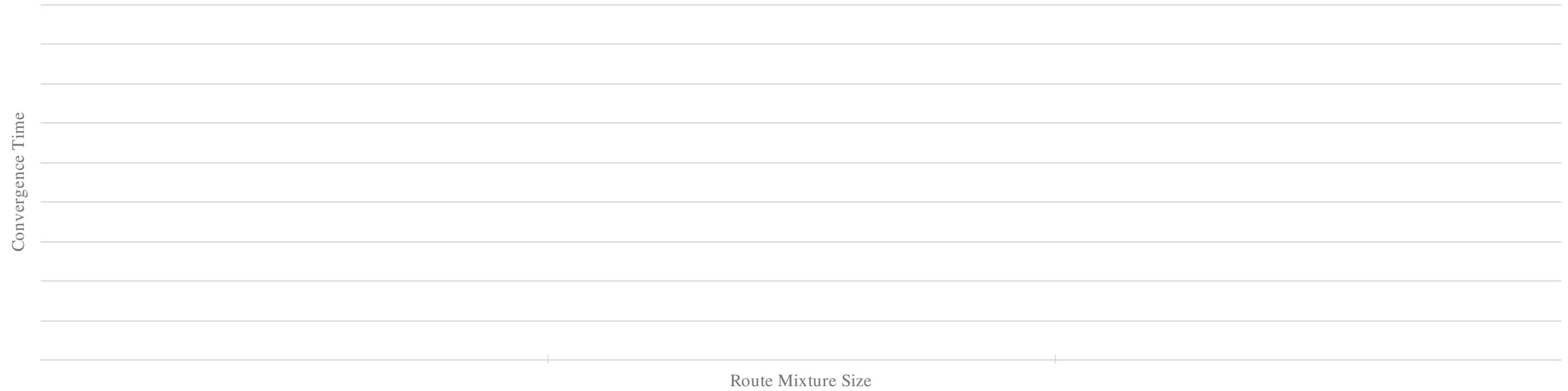
Rib-In-Convergence - Trial 4



Note: The iterations are marked as following ■ Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes

Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
4-600000-1	NA
4-600000-2	NA
4-600000-3	NA
4-600000-4	NA
4-600000-5	NA
4-700000-1	NA
4-700000-2	NA
4-700000-3	NA
4-700000-4	NA
4-700000-5	NA

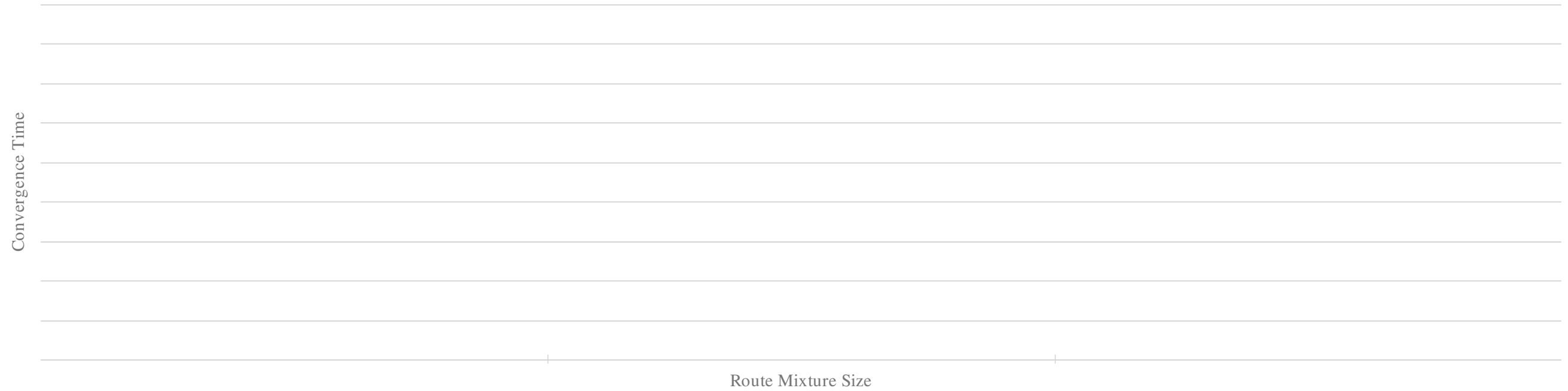
Rib-In-Convergence - Trial 4



Note: The iterations are marked as following Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes ■

Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
4-800000-1	NA
4-800000-2	NA
4-800000-3	NA
4-800000-4	NA
4-800000-5	NA

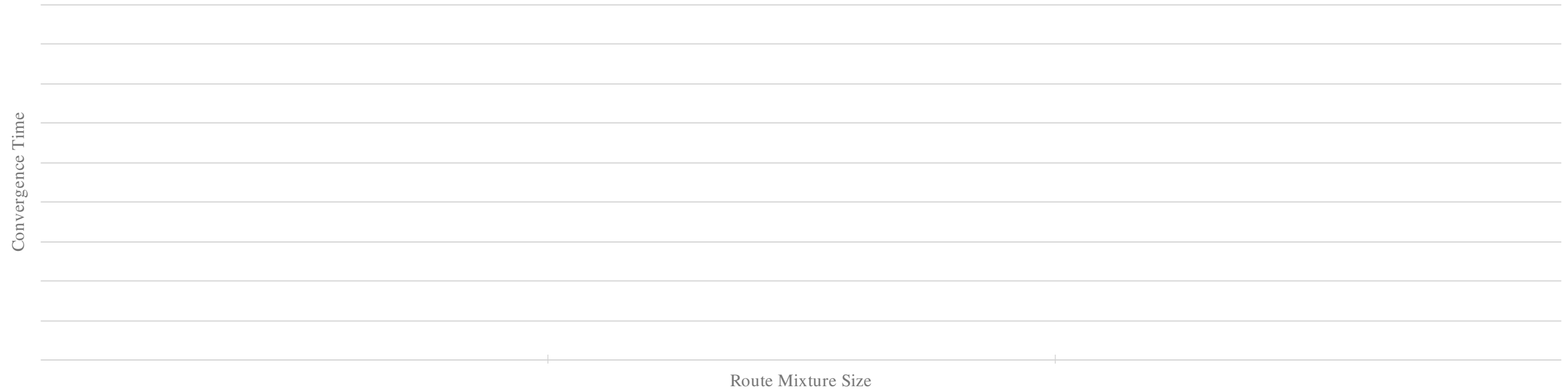
Rib-In-Convergence - Trial 5



Note: The iterations are marked as following ■ Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes

Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
5-4000-1	NA
5-4000-2	NA
5-4000-3	NA
5-4000-4	NA
5-4000-5	NA
5-8000-1	NA
5-8000-2	NA
5-8000-3	NA
5-8000-4	NA
5-8000-5	NA

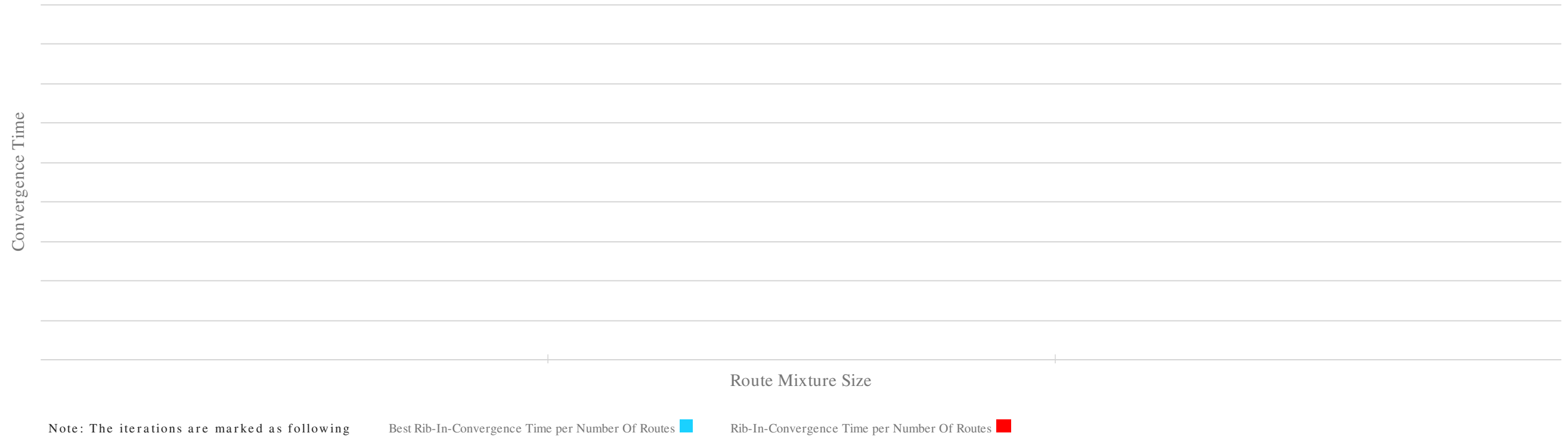
Rib-In-Convergence - Trial 5



Note: The iterations are marked as following Best Rib-In-Convergence Time per Number Of Routes ■ Rib-In-Convergence Time per Number Of Routes ■

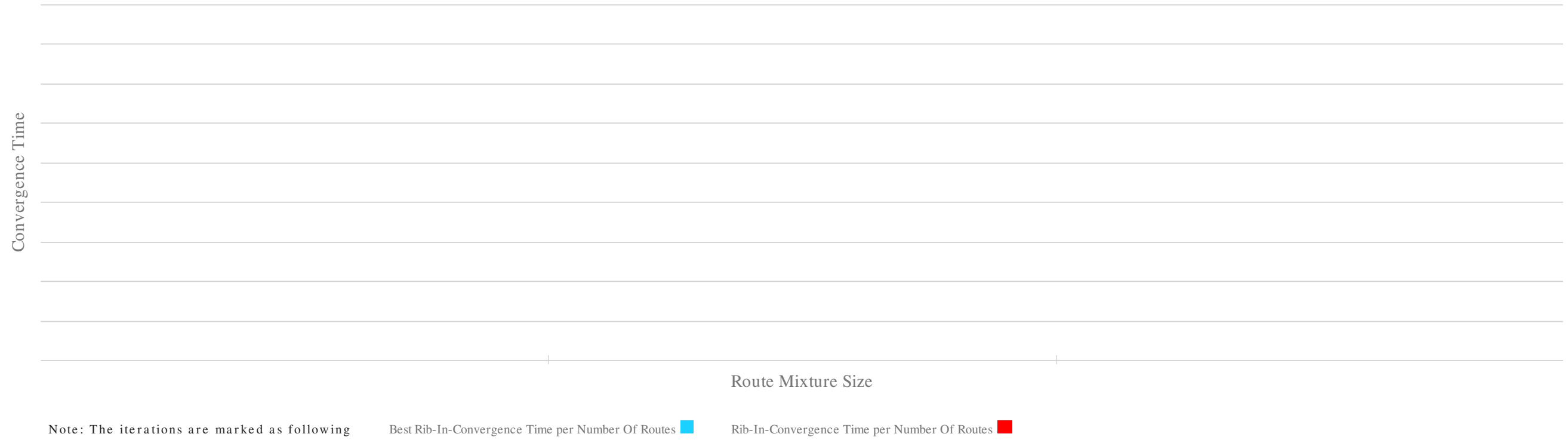
Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
5-16000-1	NA
5-16000-2	NA
5-16000-3	NA
5-16000-4	NA
5-16000-5	NA
5-32000-1	NA
5-32000-2	NA
5-32000-3	NA
5-32000-4	NA
5-32000-5	NA

Rib-In-Convergence - Trial 5



Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
5-64000-1	NA
5-64000-2	NA
5-64000-3	NA
5-64000-4	NA
5-64000-5	NA
5-500000-1	NA
5-500000-2	NA
5-500000-3	NA
5-500000-4	NA
5-500000-5	NA

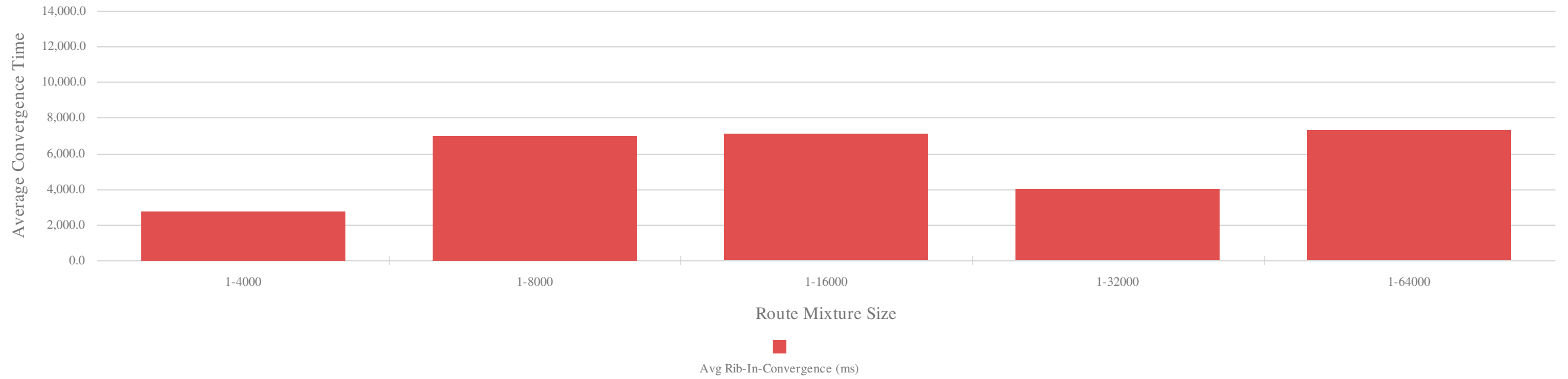
Rib-In-Convergence - Trial 5



Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
5-600000-1	NA
5-600000-2	NA
5-600000-3	NA
5-600000-4	NA
5-600000-5	NA
5-700000-1	NA
5-700000-2	NA
5-700000-3	NA
5-700000-4	NA
5-700000-5	NA
5-800000-1	NA

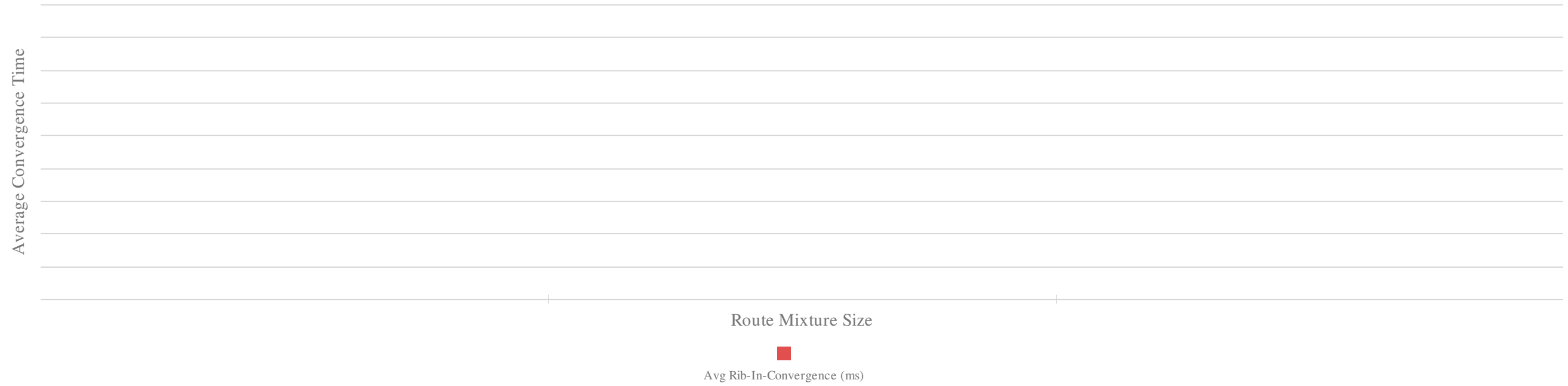
Trial - Total Number of Routes - Iteration	Rib- In- Convergence (ms)
5-800000-2	NA
5-800000-3	NA
5-800000-4	NA
5-800000-5	NA

Aggregated Rib-In-Convergence



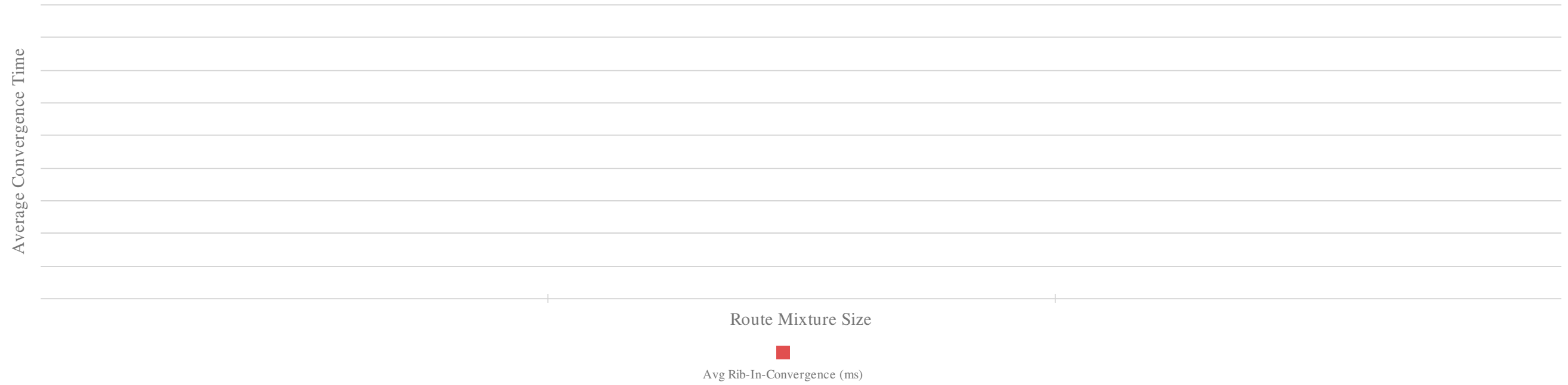
Trial - Total Number of Routes	Avg Rib- In- Convergence (ms)
1-4000	2719.336
1-8000	6957.275
1-16000	7120.576
1-32000	3978.682
1-64000	7259.140
1-500000	NA
1-600000	NA
1-700000	NA
1-800000	NA

Aggregated Rib-In-Convergence



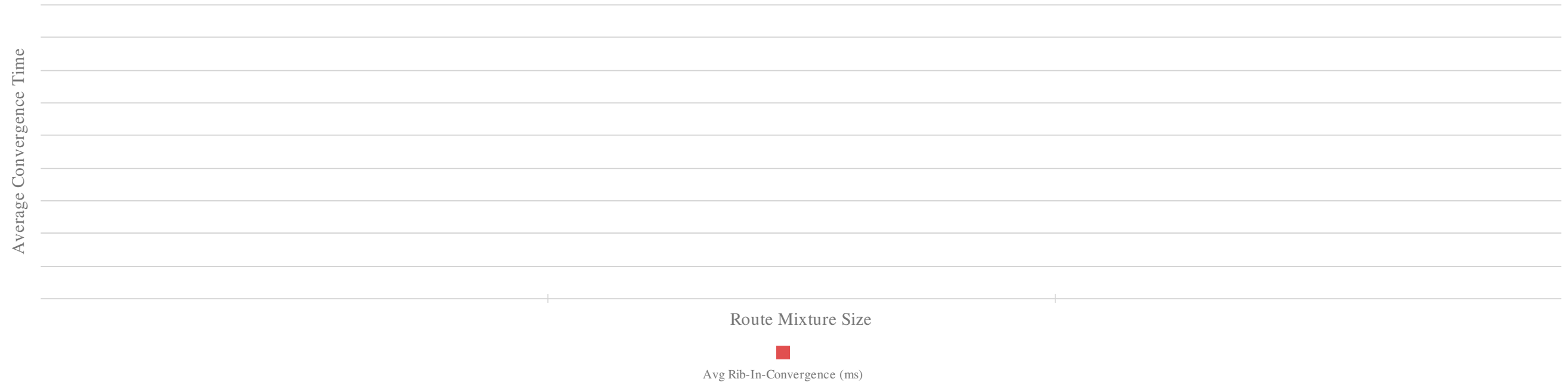
Trial - Total Number of Routes	Avg Rib- In- Convergence (ms)
2-4000	NA
2-8000	NA
2-16000	NA
2-32000	NA
2-64000	NA
2-500000	NA
2-600000	NA
2-700000	NA
2-800000	NA

Aggregated Rib-In-Convergence



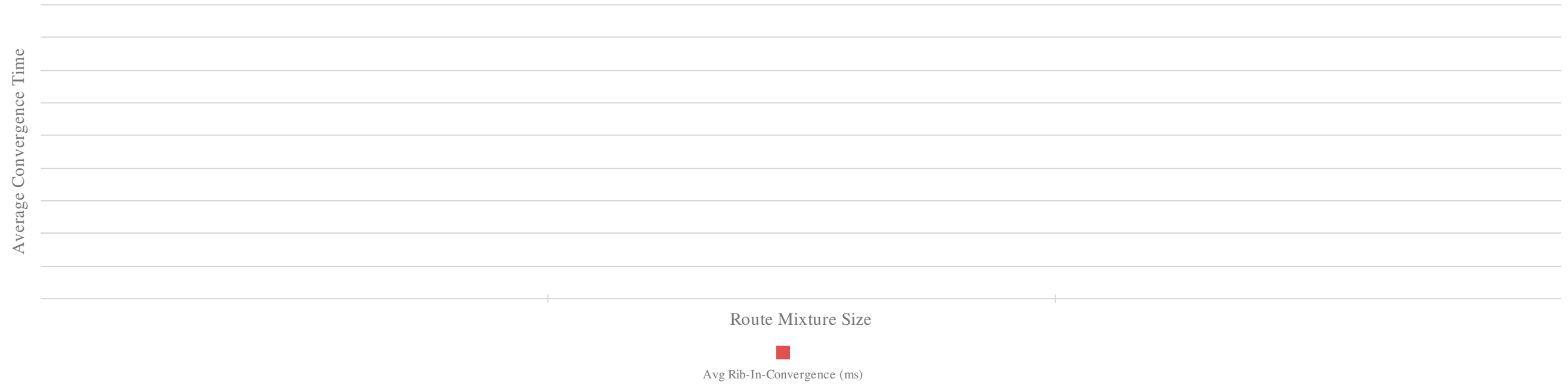
Trial - Total Number of Routes	Avg Rib- In- Convergence (ms)
3-4000	NA
3-8000	NA
3-16000	NA
3-32000	NA
3-64000	NA
3-500000	NA
3-600000	NA
3-700000	NA
3-800000	NA

Aggregated Rib-In-Convergence



Trial - Total Number of Routes	Avg Rib- In- Convergence (ms)
4-4000	NA
4-8000	NA
4-16000	NA
4-32000	NA
4-64000	NA
4-500000	NA
4-600000	NA
4-700000	NA
4-800000	NA

Aggregated Rib-In-Convergence



Trial - Total Number of Routes	Avg Rib- In- Convergence (ms)
5-4000	NA
5-8000	NA
5-16000	NA
5-32000	NA
5-64000	NA
5-500000	NA
5-600000	NA
5-700000	NA
5-800000	NA