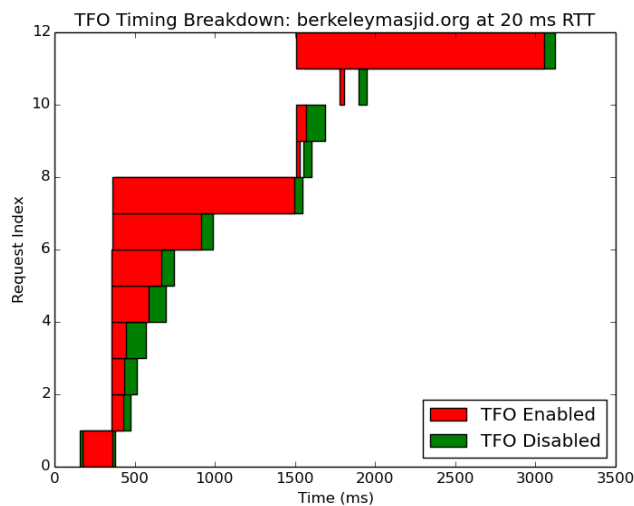


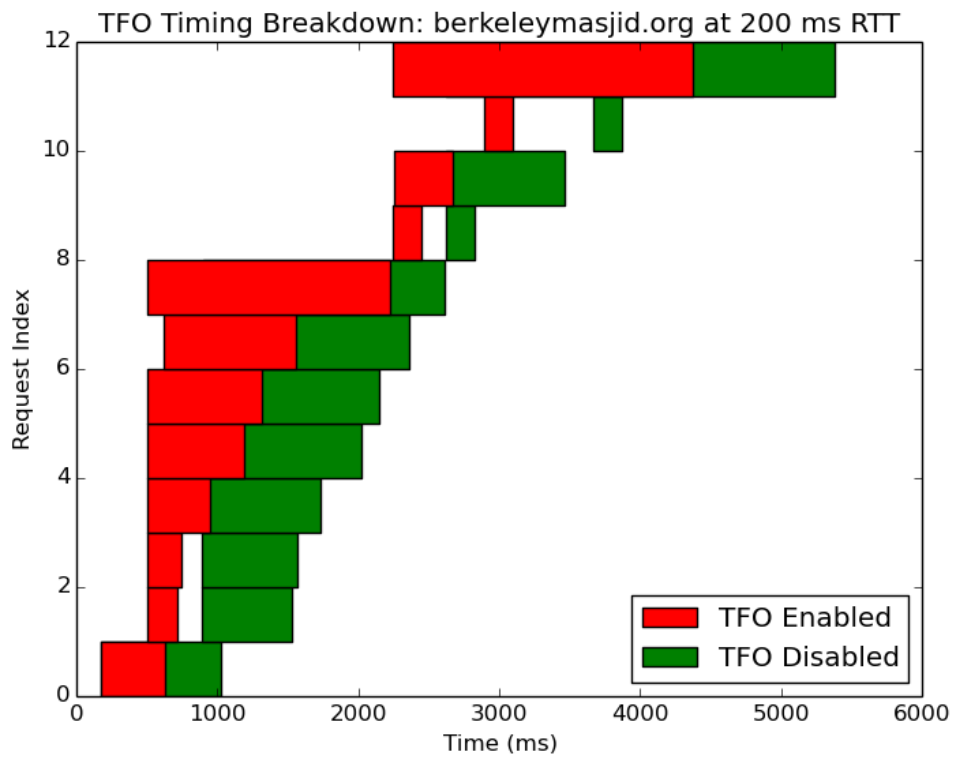
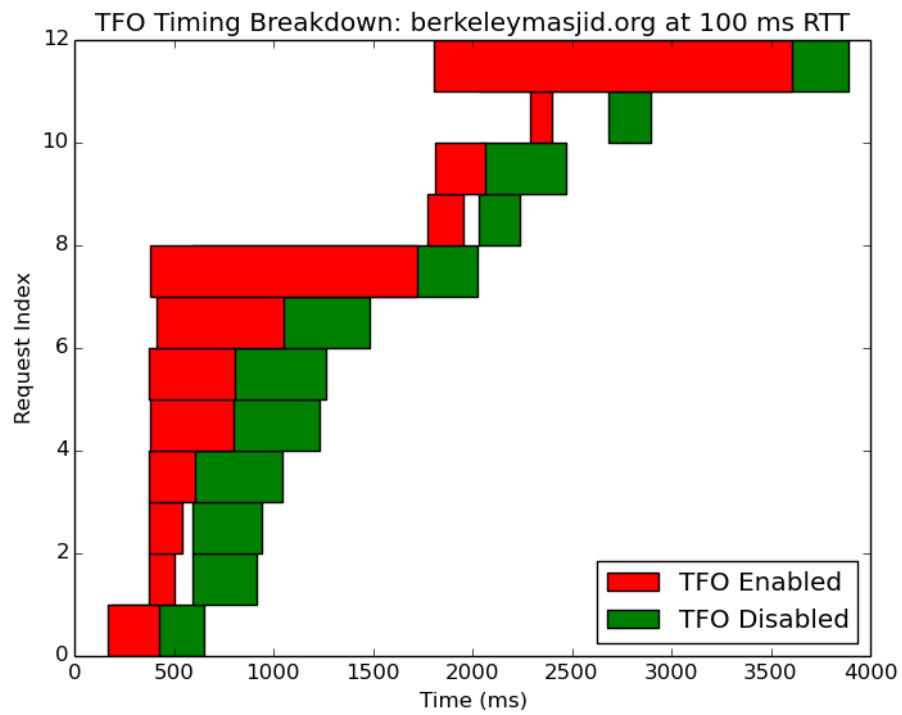
Page	RTT(ms)	PLT: no TFO (s)	PLT: TFO (s)	Improv.
httpberkeleymasjid.org				
20	3121.177	3053.639	2.16386318366	
200	5380.522	4374.197	18.7031109621	
100	3892.345	3604.517	7.39471963559	
httpen.wikipedia.orgwikiImran				
20	1182.247	724.902	38.684386596	
200	3111.626	1222.272	60.7191866889	
100	1869.922	1450.044	22.4543055807	
httpwww.linkedin.cominmpaulinar				
20	276.149	264.783	4.1158939558	
200	790.907	699.686	11.5337201466	
100	514.041	319.829	37.7814221045	

1. Berkeley Masjid --

httpberkeleymasjid.org

- What effect does TFO have on the timing?
The timing is a lot faster in TFO when compared to NON-TFO
- How does the RTT value affect these results?
The higher the Round Time Trip the more improvement in TFO when compared to NON-TFO
- Does the particular content available at this URL lend itself to performance enhancements provided by TFO?
Yes.
- Were these results surprising in any way?
No, it was very expected .
- Relevant Graphs →

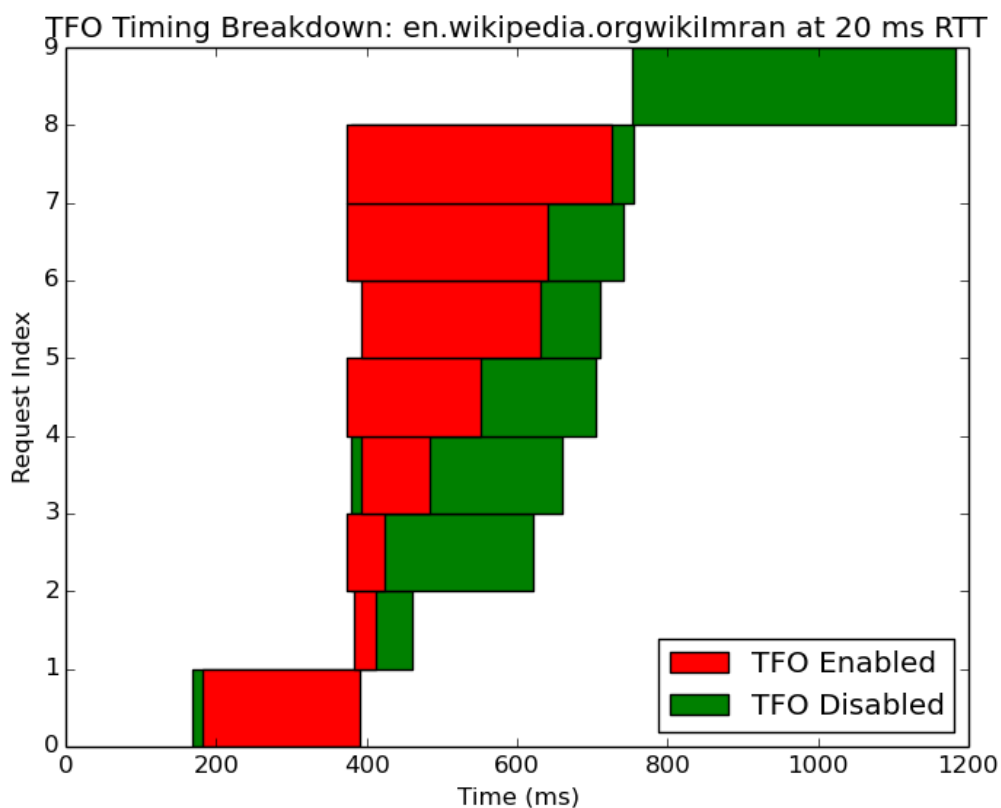


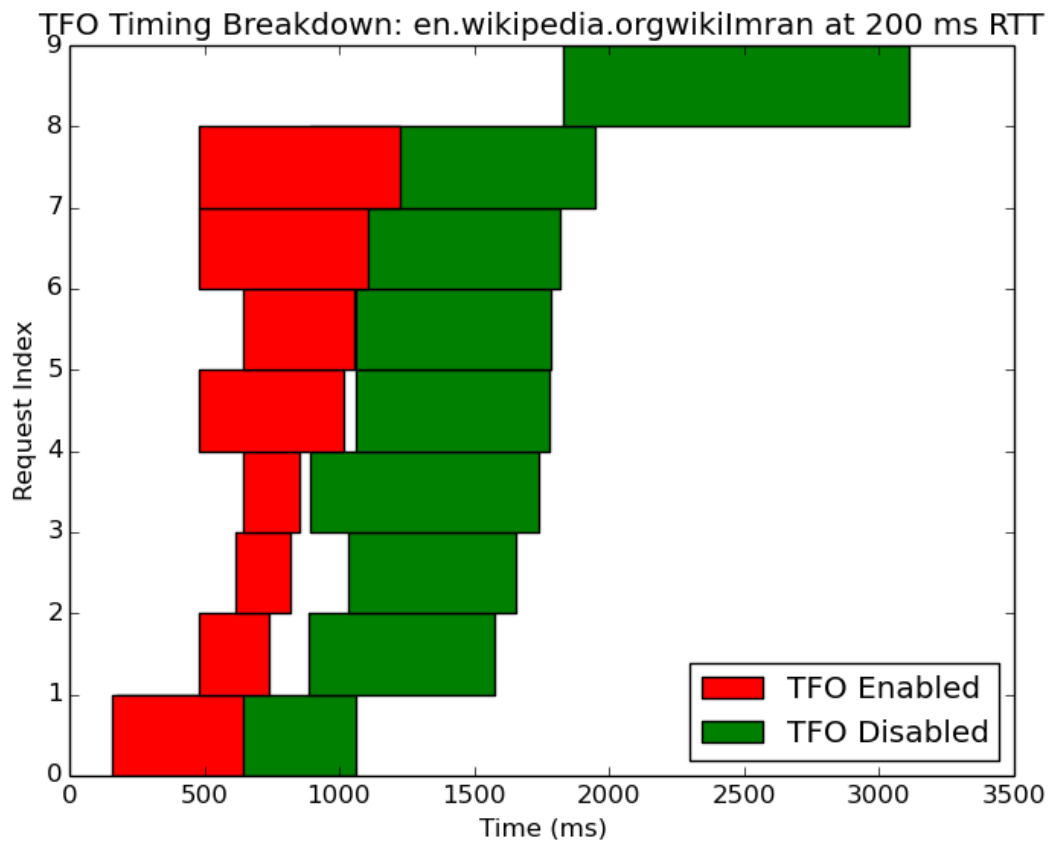
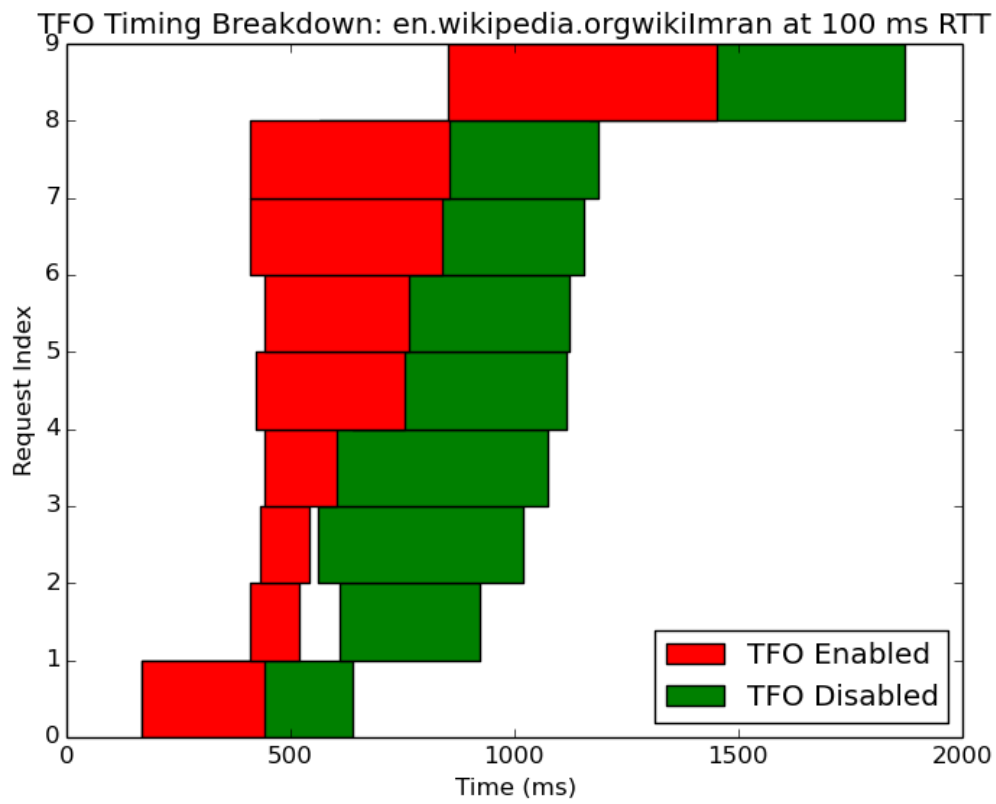


2. Wikipedia - Imran

<https://en.wikipedia.org/wiki/Imran>

- f. What effect does TFO have on the timing?
The timing is a lot faster in TFO when compared to NON-TFO
- g. How does the RTT value affect these results?
The higher the Round Time Trip the more improvement in TFO when compared to NON-TFO
- h. Does the particular content available at this URL lend itself to performance enhancements provided by TFO?
Yes.
- i. Were these results surprising in any way?
No, it was very expected .
- j. Relevant Graphs →





3. Linkedin – Paulina Linkedin

<http://www.linkedin.com/in/mpaulinar>

k. What effect does TFO have on the timing?

The timing is a lot faster in TFO when compared to NON-TFO

l. How does the RTT value affect these results?

The higher the Round Time Trip the more improvement in TFO when compared to NON-TFO

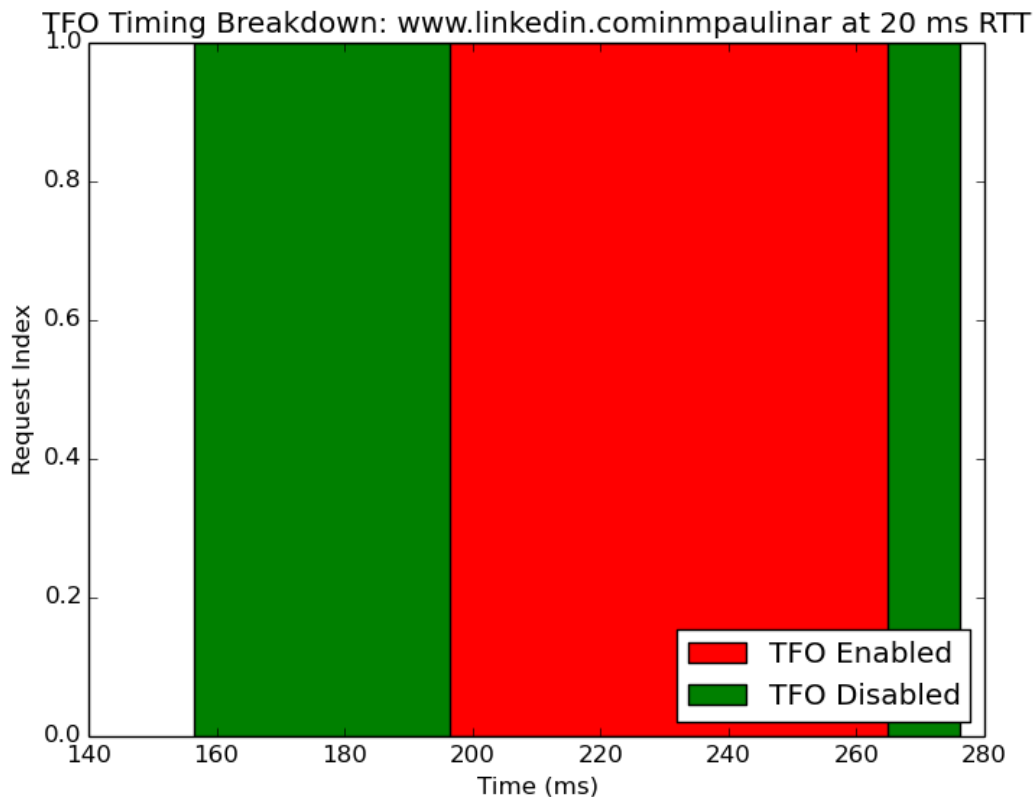
m. Does the particular content available at this URL lend itself to performance enhancements provided by TFO?

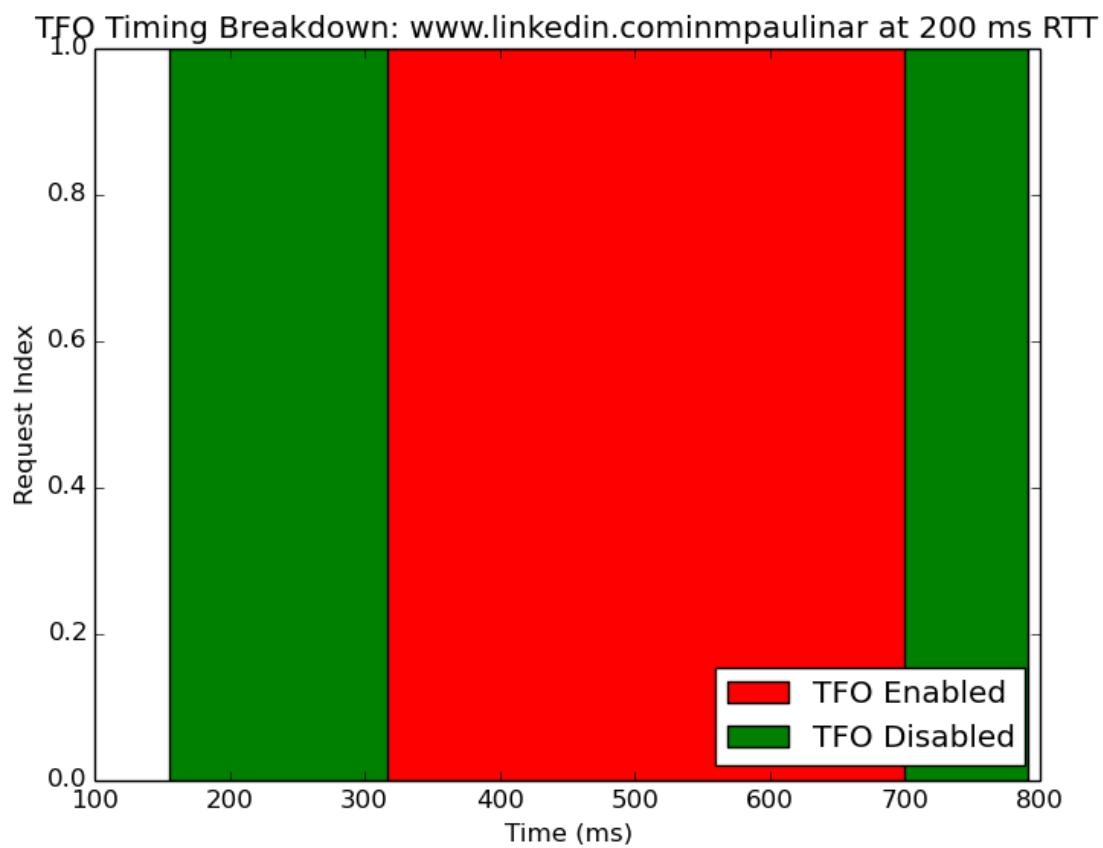
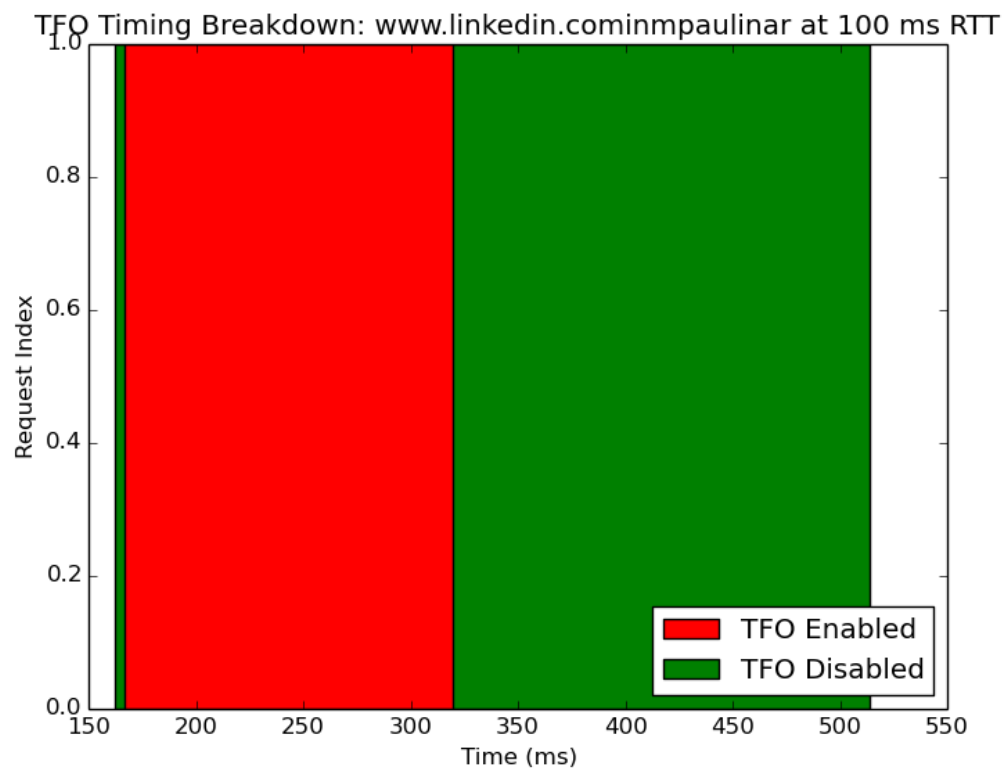
Yes.

n. Were these results surprising in any way?

No, it was very expected .

o. Relevant Graphs →





Include a brief summary of your findings and state what conclusions you can draw based on the results of your experiment.

TFO is a lot faster than non-TFO when especially in higher transfer and RTT . TFO enables applications to decrease request latency by one round-trip time as handshaking has become a performance bottleneck for web transfers. TFO is a lot faster.

Based on the reading and your experiment, where do you see TCP Fast Open having the best potential for improvement? What about the worst?

Best potential for improvement is for longer transfers as TFO can improve single HTTP request latency by over 10% and the overall page load time from 4% to 40% and the worst is for shorter transfers.

Work Cited:

<http://static.googleusercontent.com/media/research.google.com/en/us/pubs/archive/37517.pdf>