



Relationships between flow and river water quality monitoring data and recommendations for assessing NPS-FM attribute states and trends

Appendix C. Flow distributions

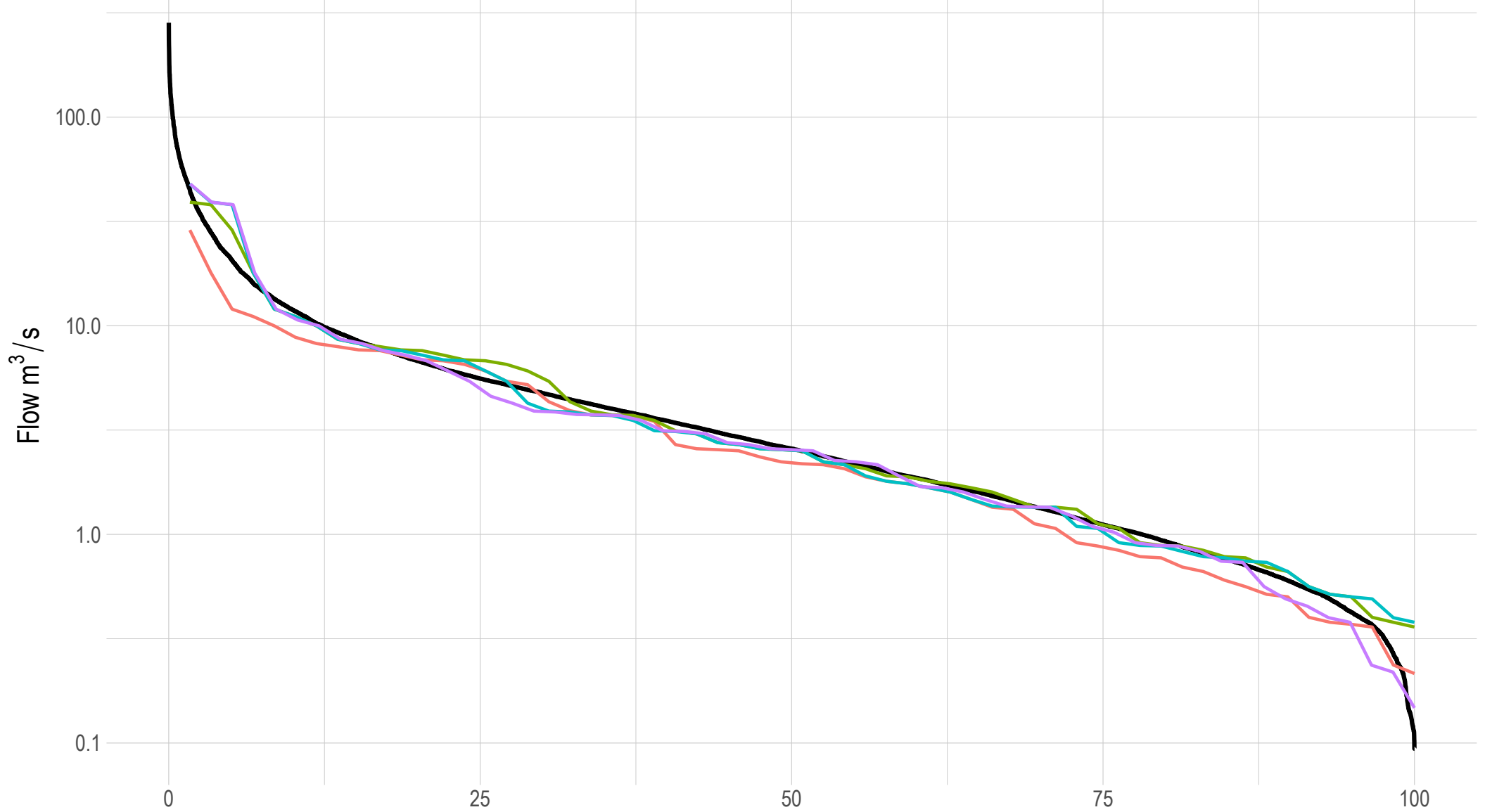
For Auckland Council

October 2022

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Appendix C. Flow distributions

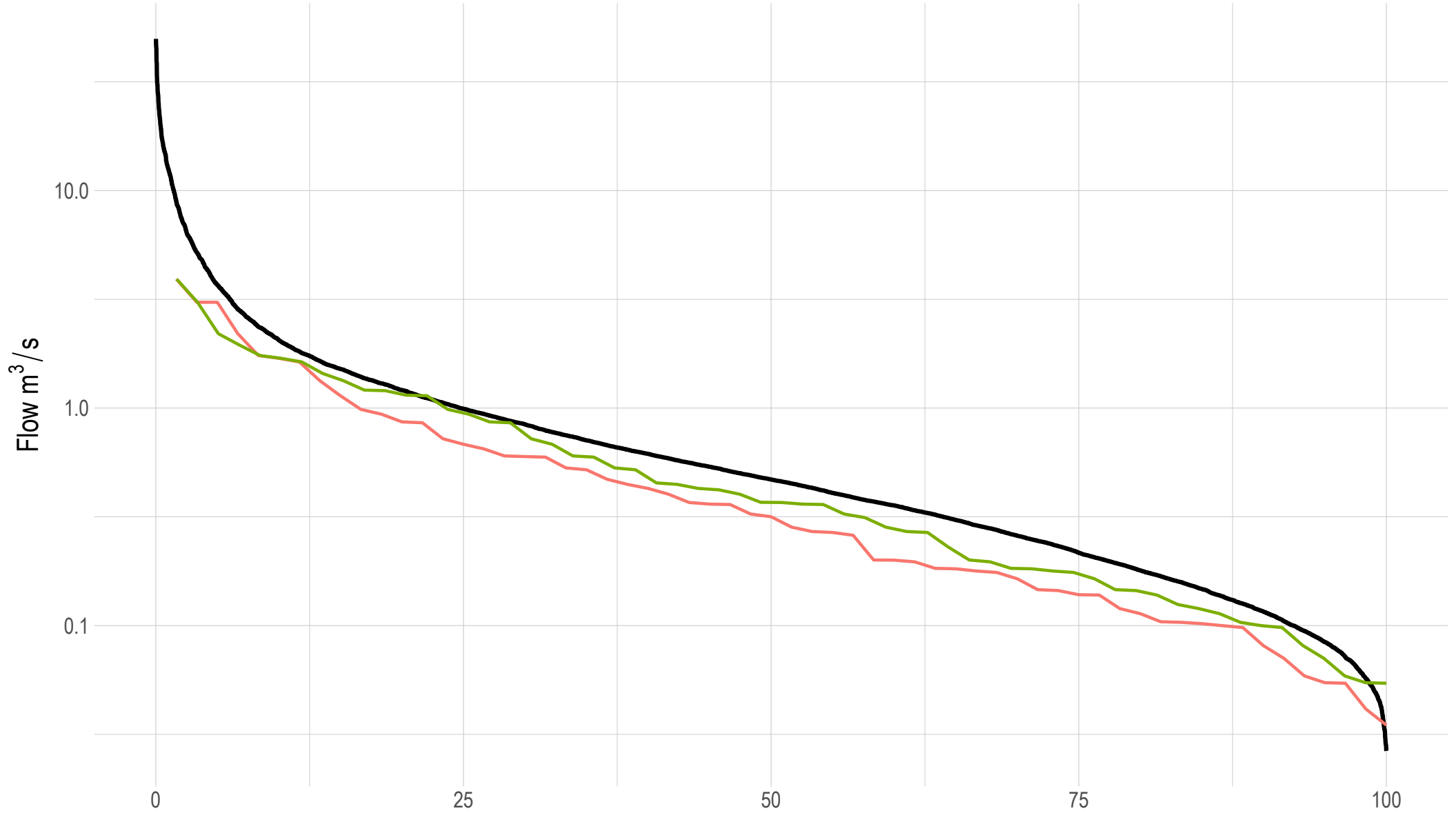
Hoteo River (45703)



Percentage of time flow is exceeded

- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

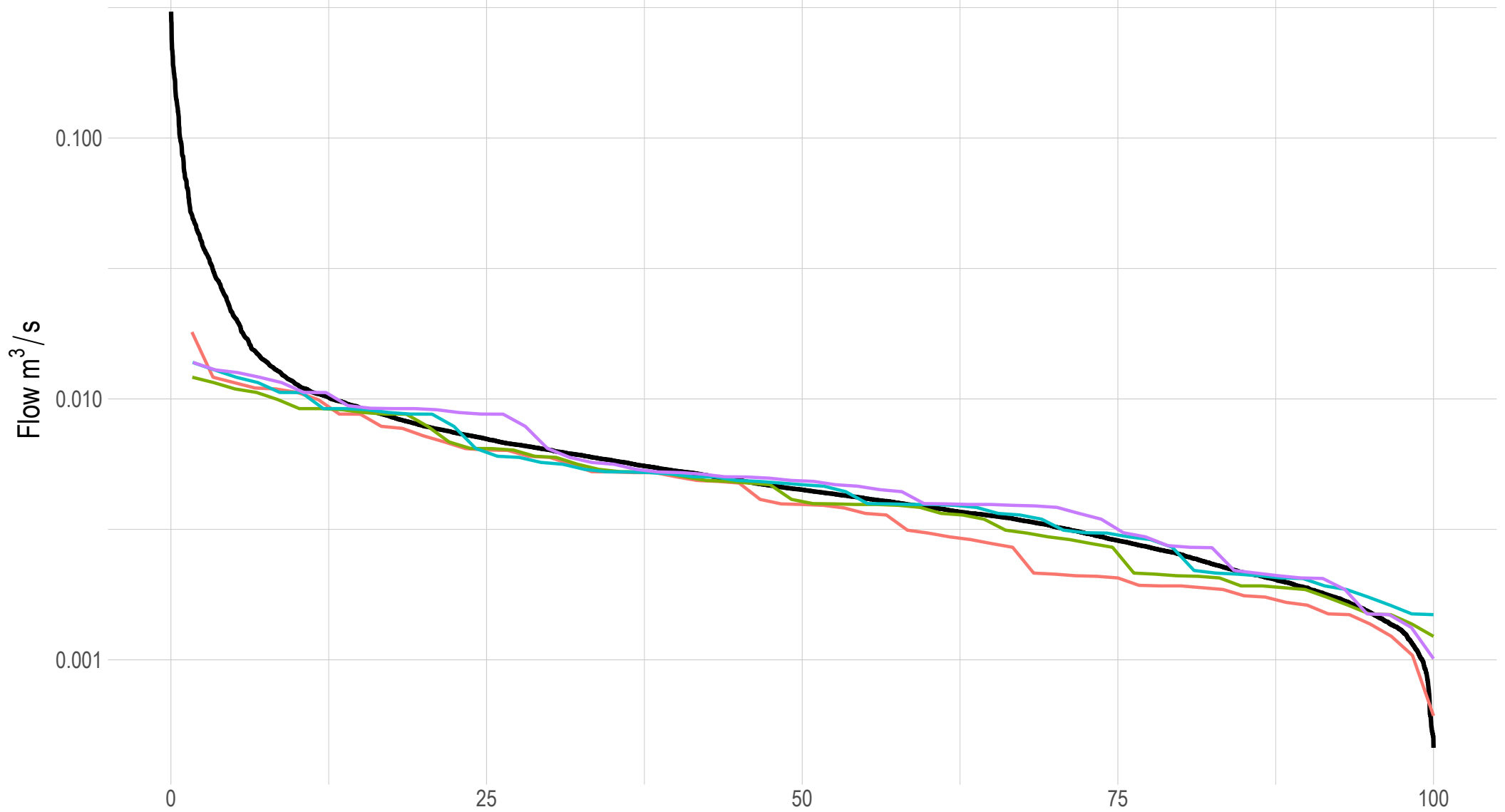
Mahurangi River (Warkworth) (6804)



Percentage of time flow is exceeded

- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

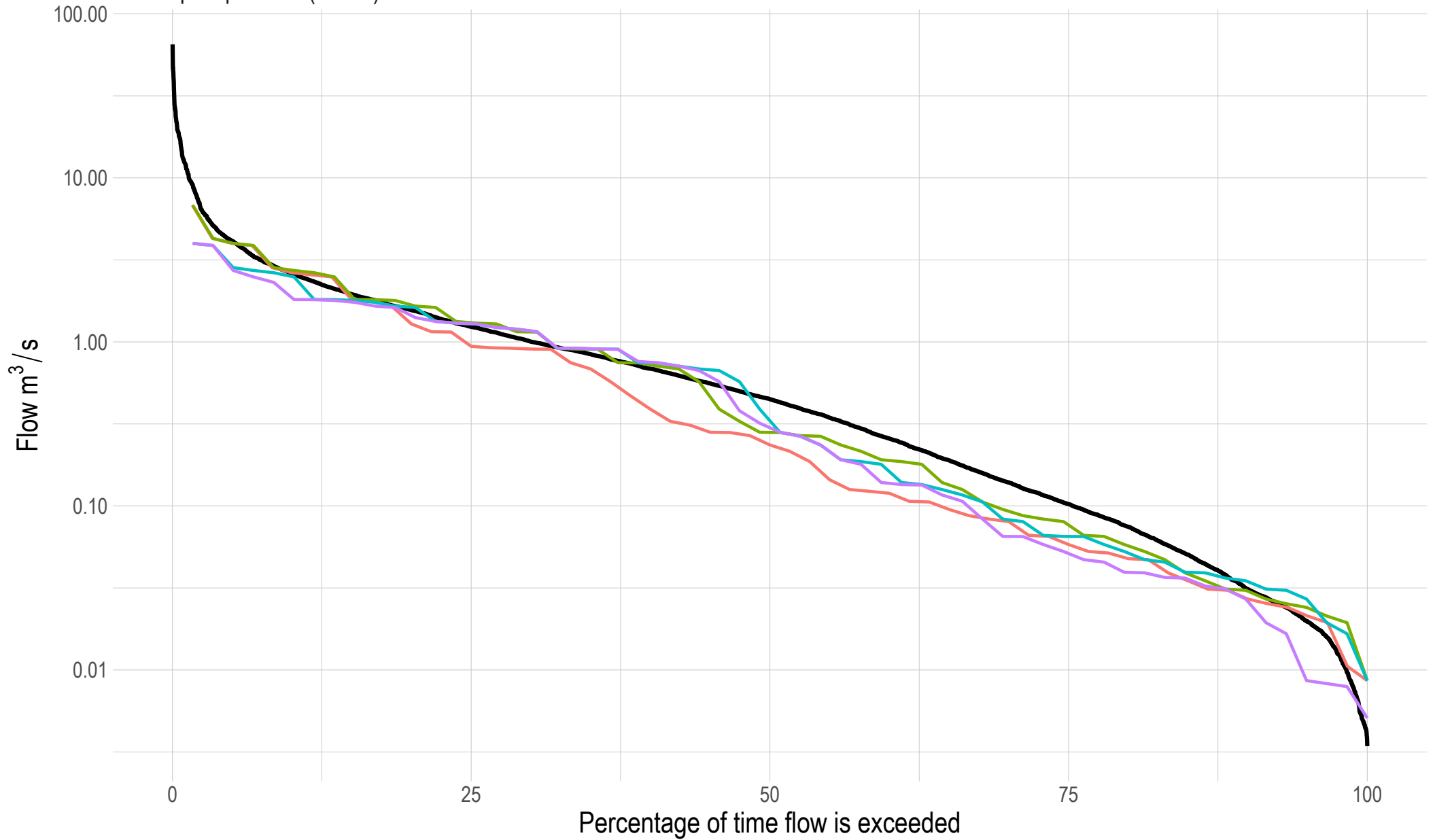
West Hoe Stream (7206)



Percentage of time flow is exceeded

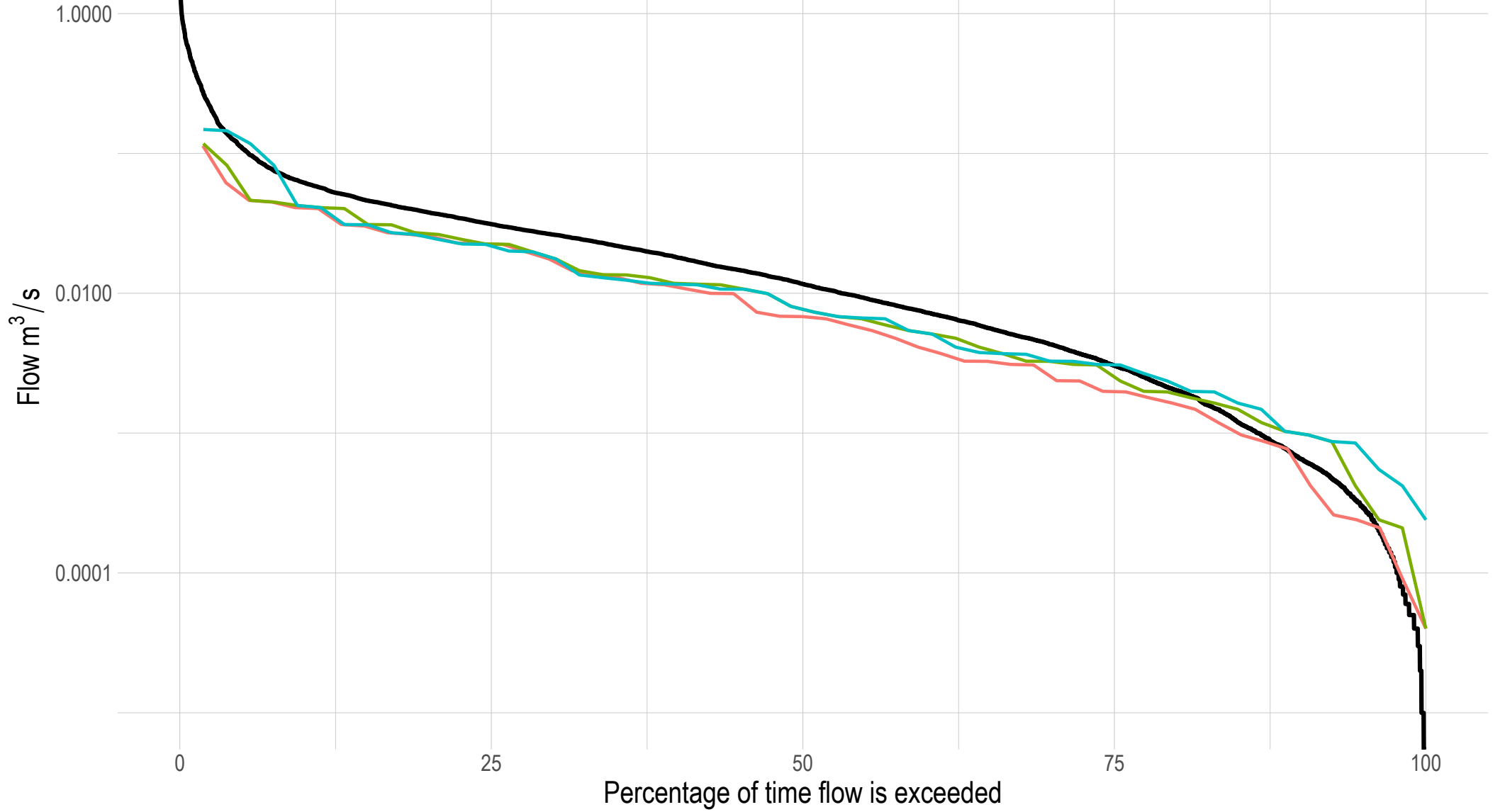
- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

Kaukapakapa River (45415)



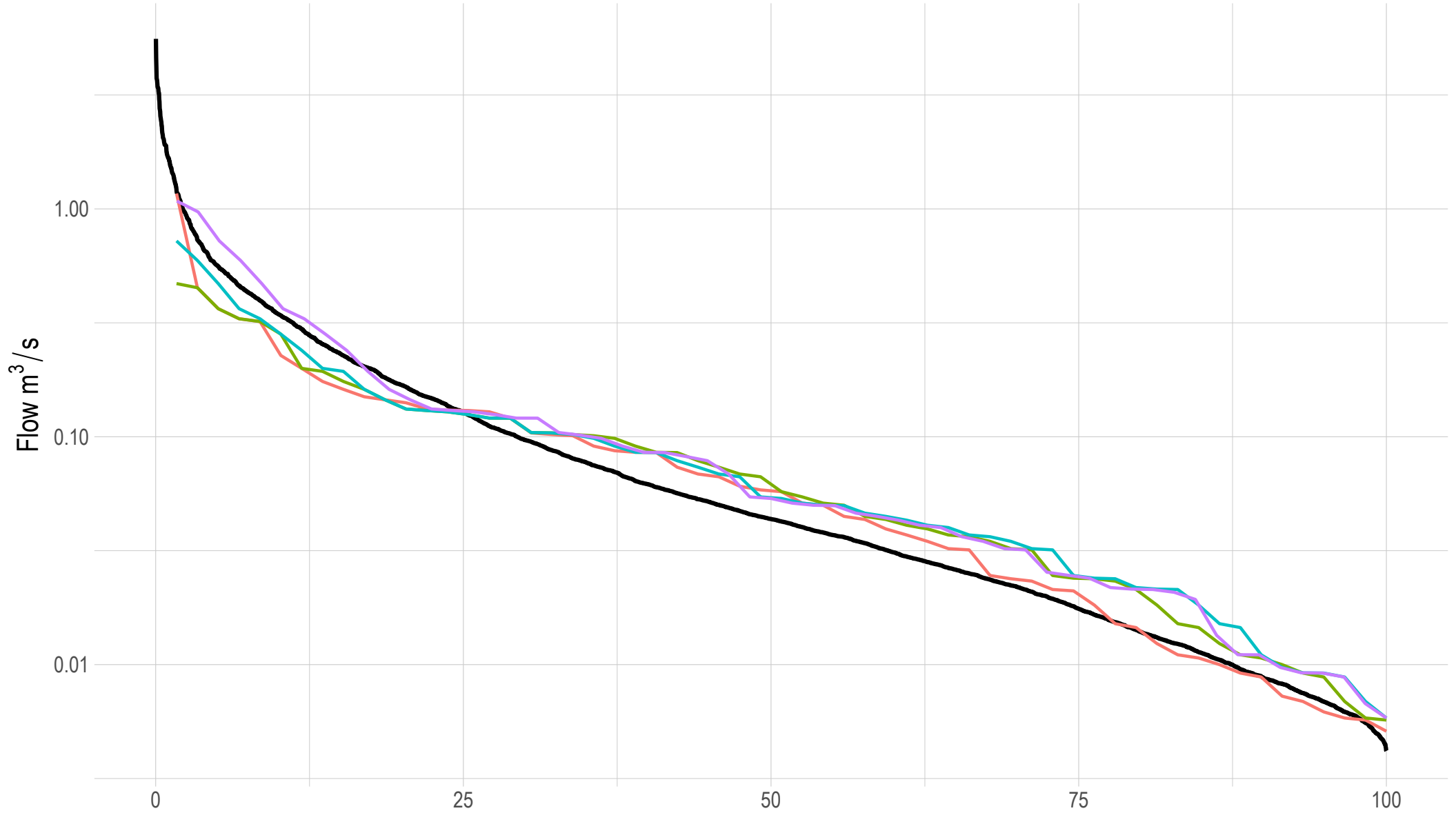
- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

Vaughan Stream (7506)



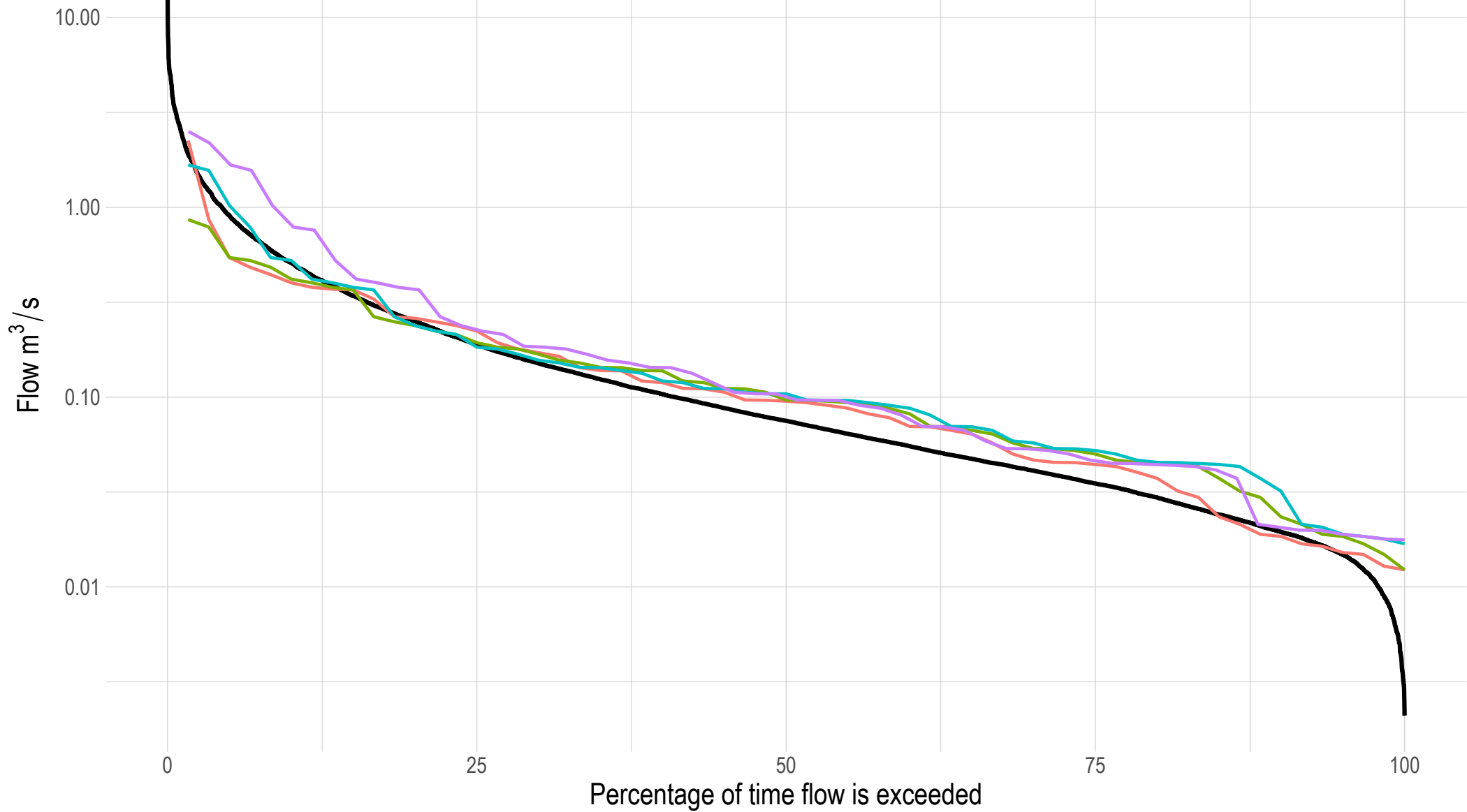
- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

Lucas Creek (7830)



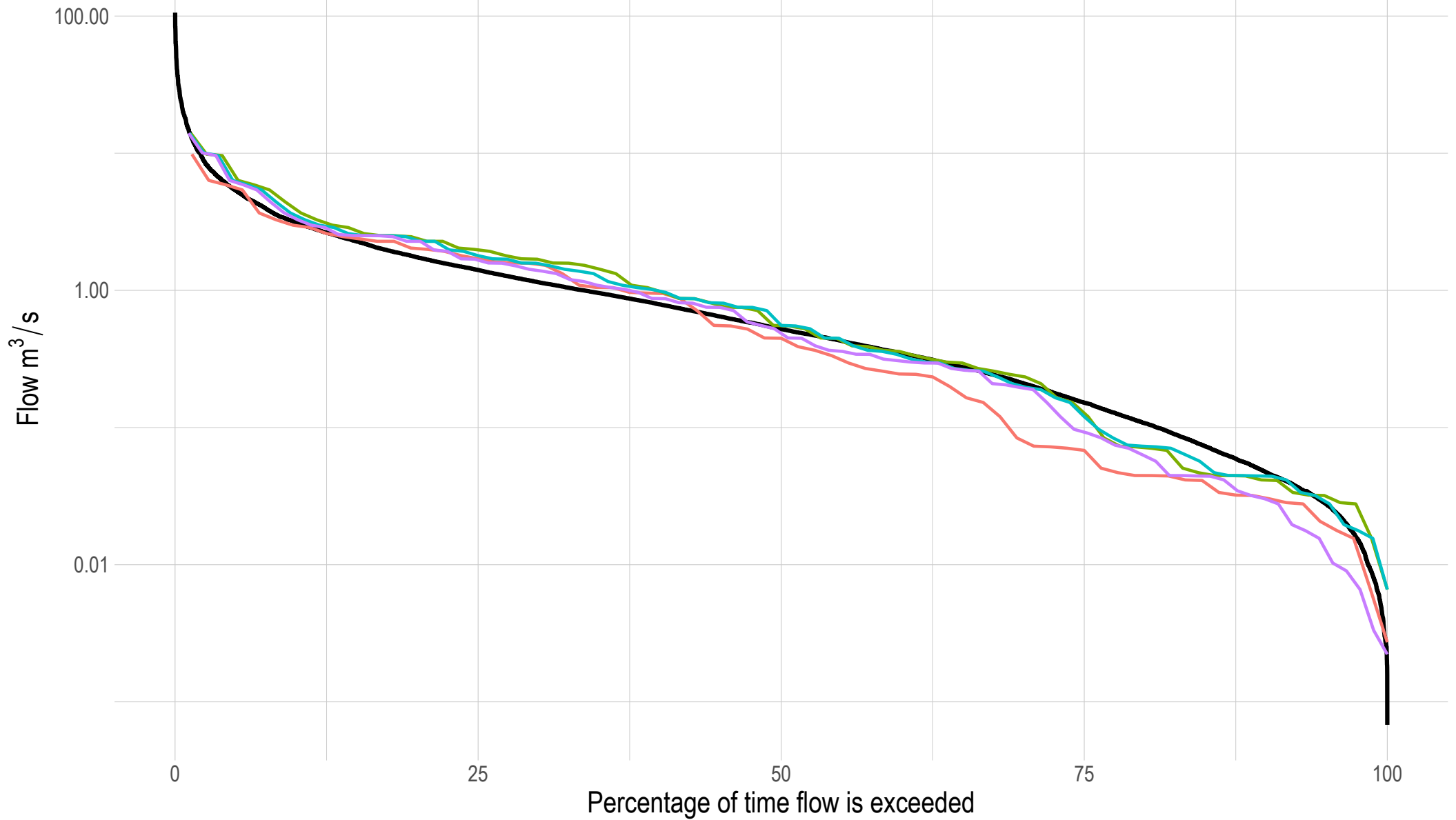
- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

Oteha River (7811)



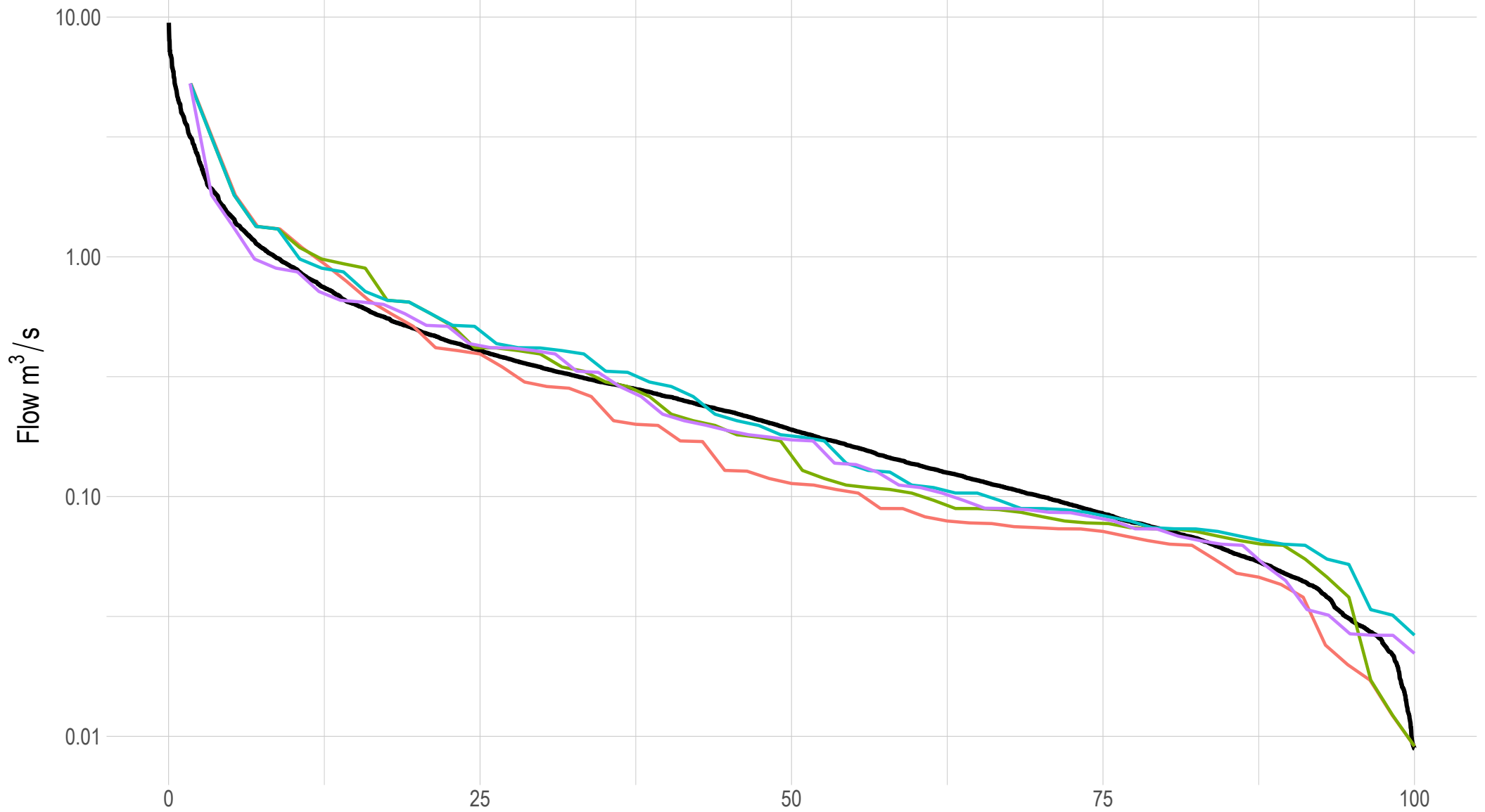
- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

Rangitopuni River (7805)



- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

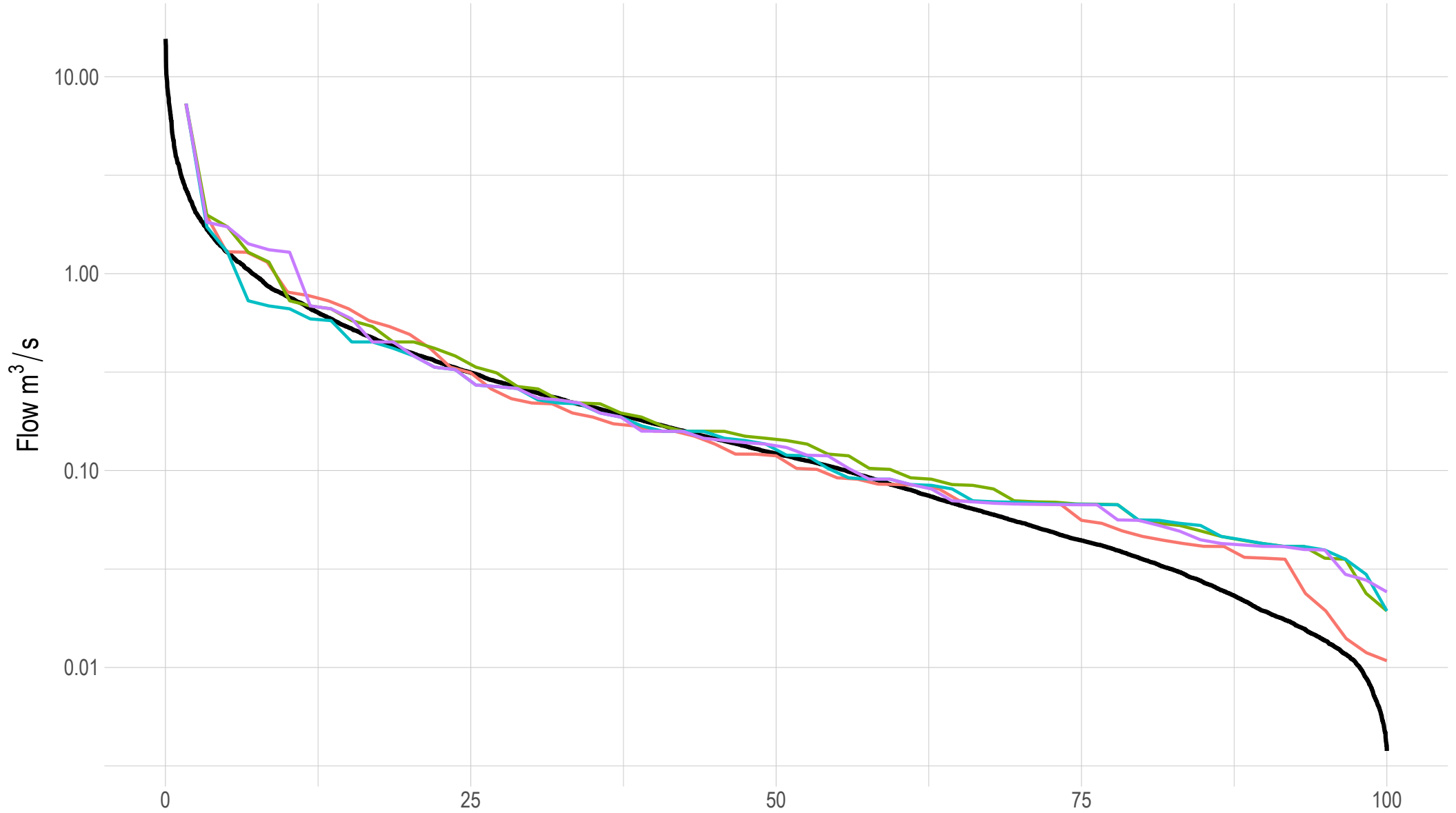
Opanuku Stream (7904)



Percentage of time flow is exceeded

- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

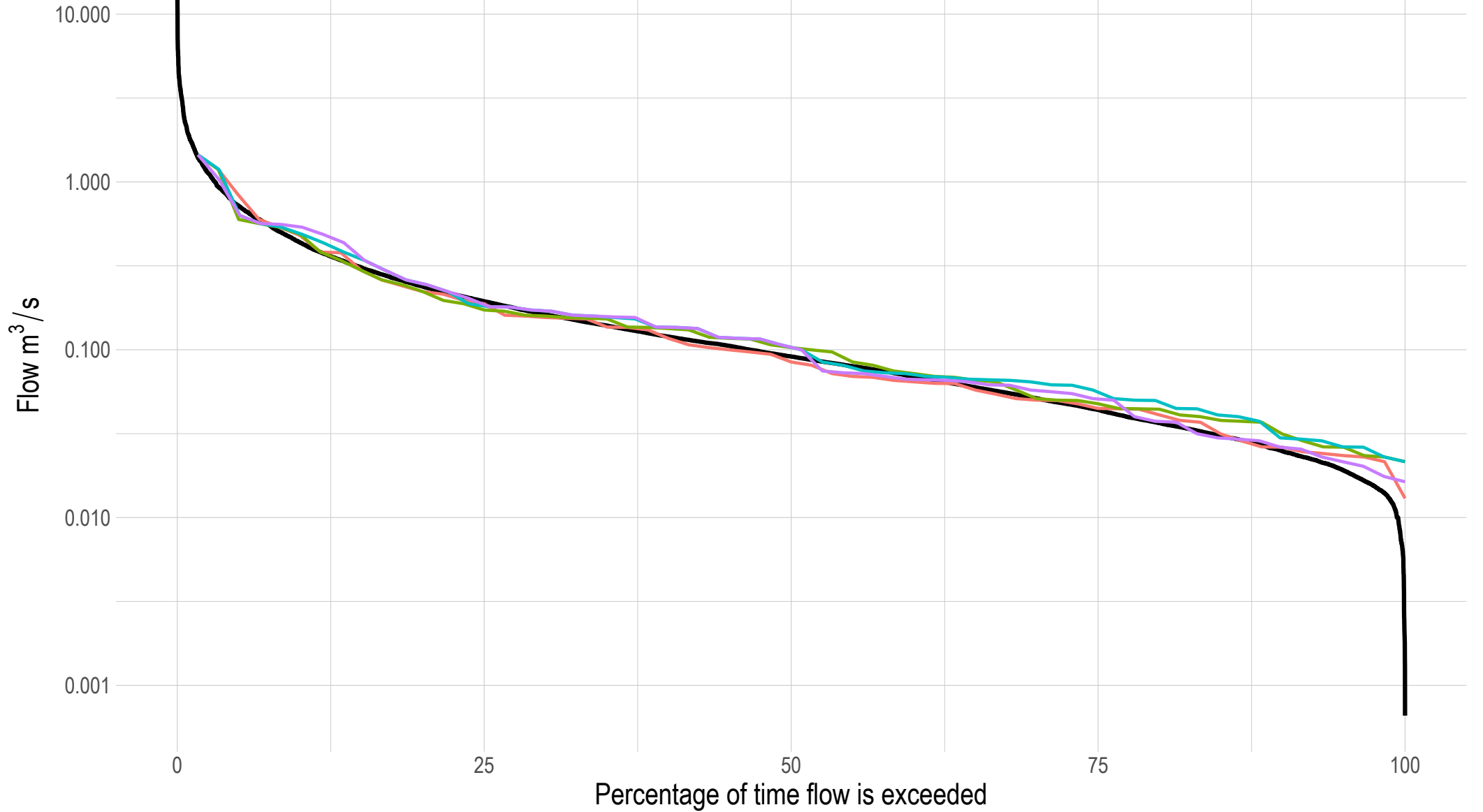
Otara Creek (East) (8205)



Percentage of time flow is exceeded

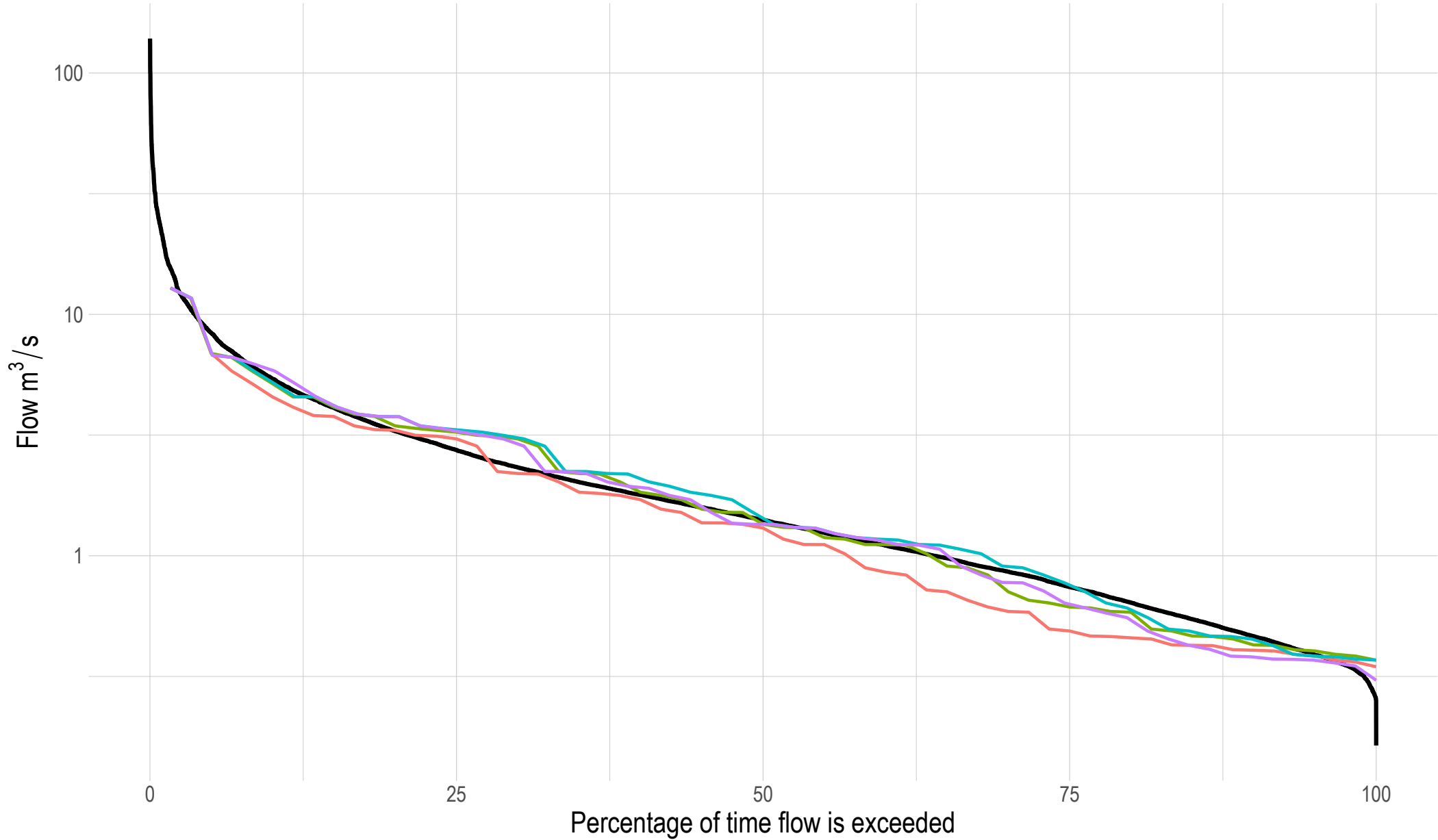
- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

Puhinui Stream (43807)



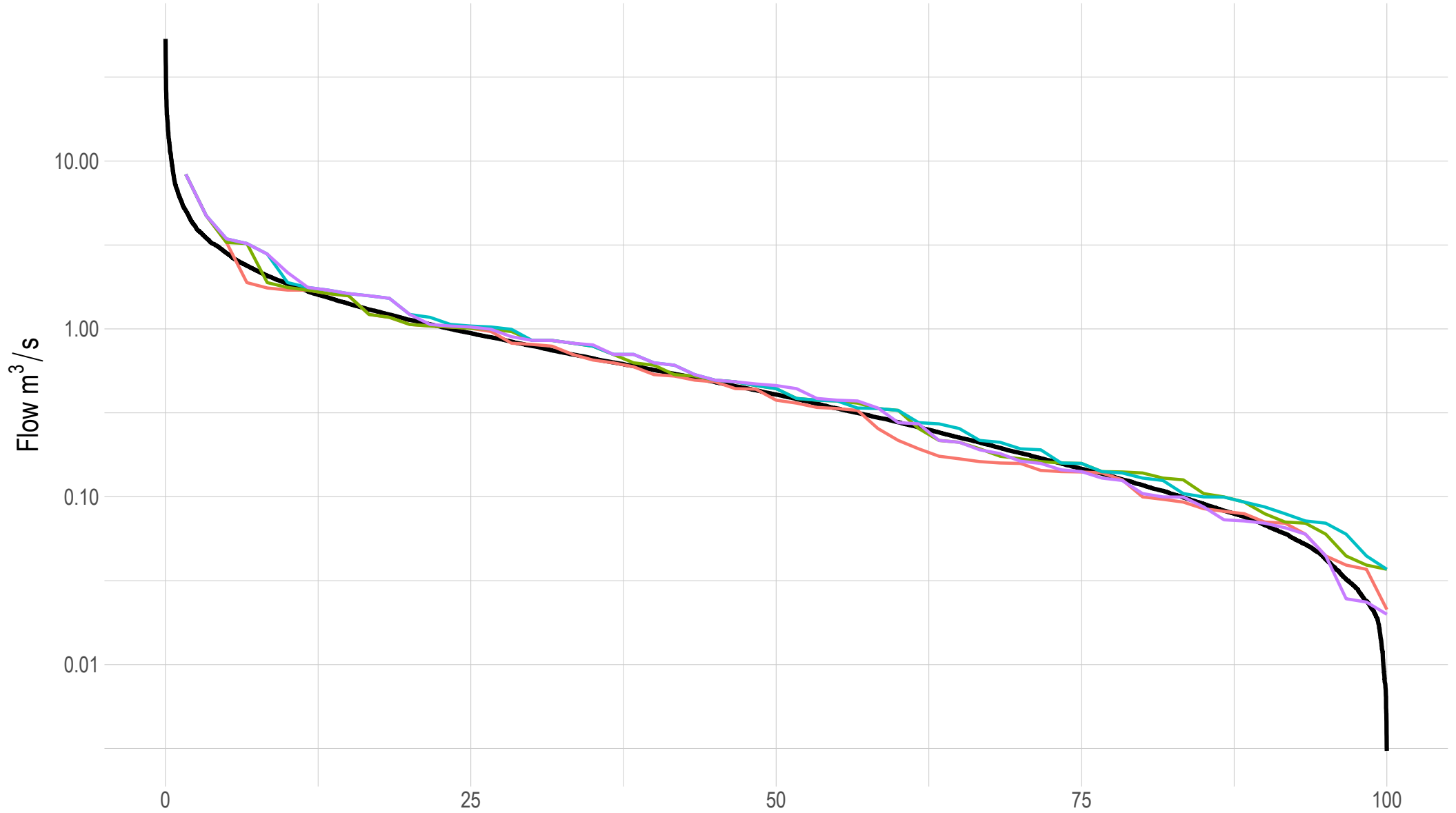
- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

Wairoa River (8516)



- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

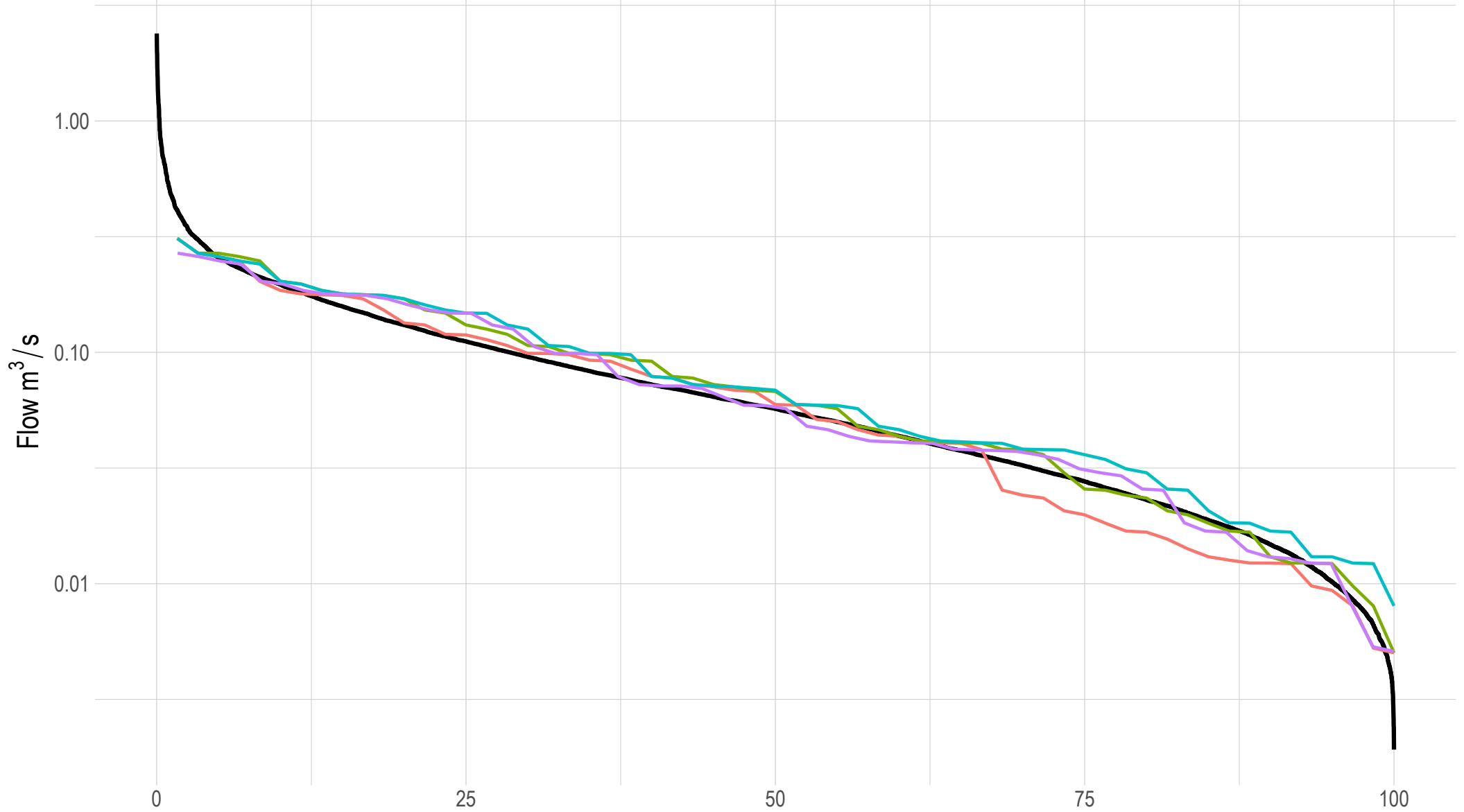
Papakura Stream (Lower) (43856)



Percentage of time flow is exceeded

- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

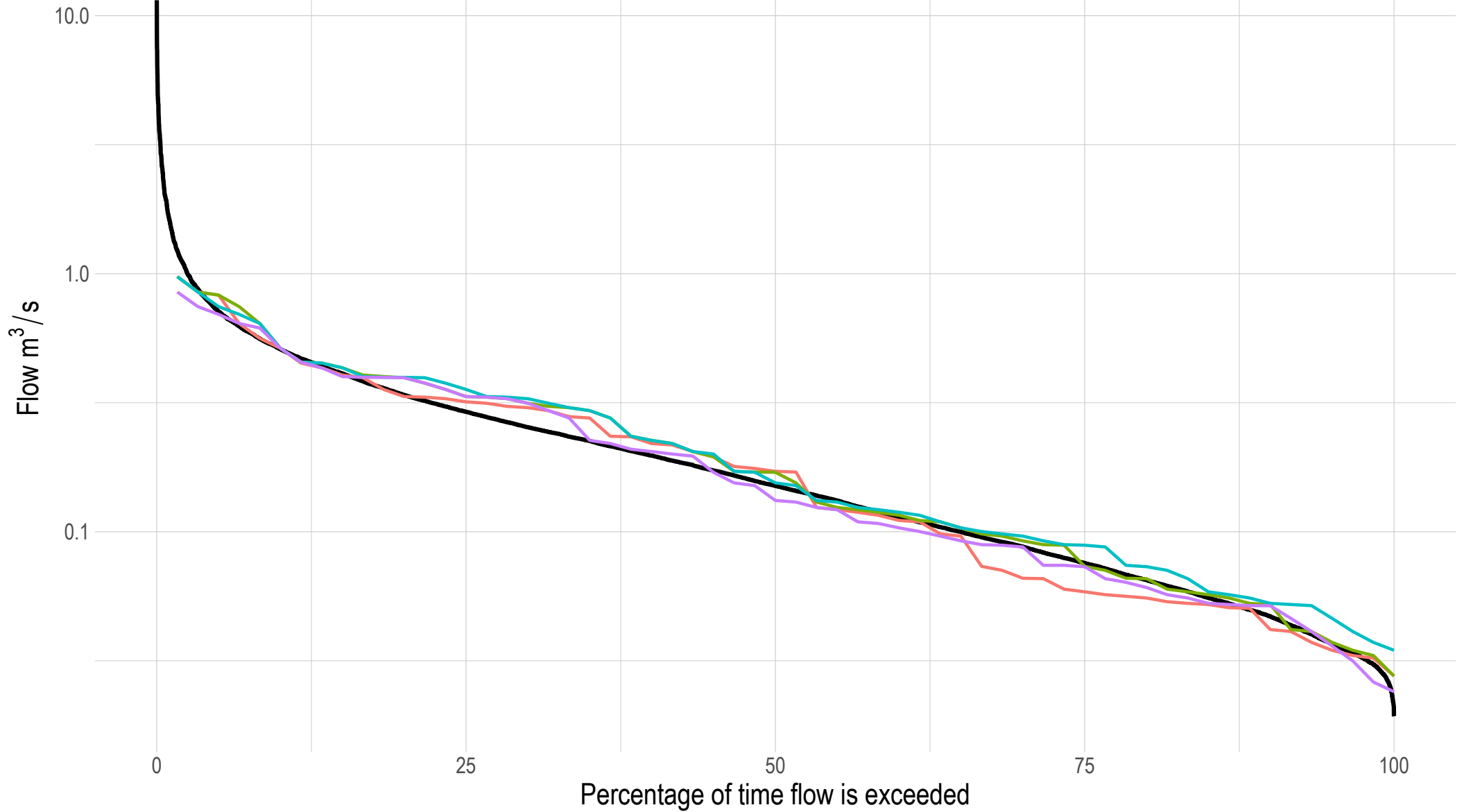
Ngakoroa Stream (43829)



Percentage of time flow is exceeded

- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

Waitangi Stream (43601)



- 2013 to 2017
- 2014 to 2018
- 2015 to 2019
- 2016 to 2020

