Comparison of cycling hospitalization rates in Canadian provinces with different helmet laws & bike commuting



North America

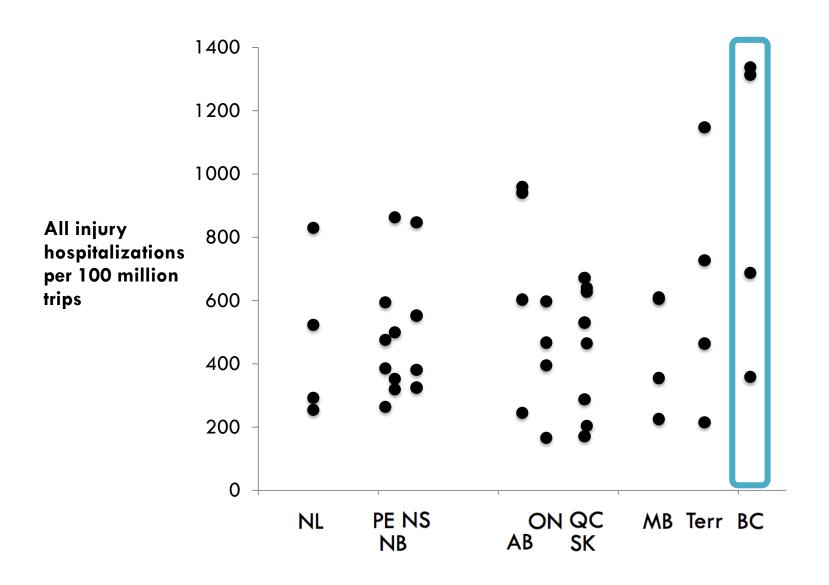
Holland, Denmark



Comparisons within Canada transport systems & laws consistent



Each province ... 4 hospitalization rates adult male, adult female, youth male, youth female

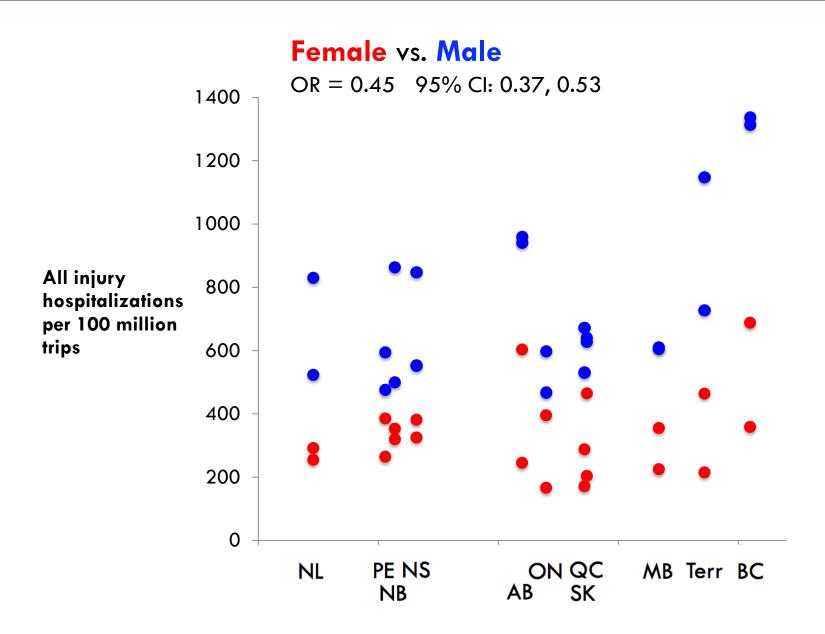


Hospitalization rates vary.

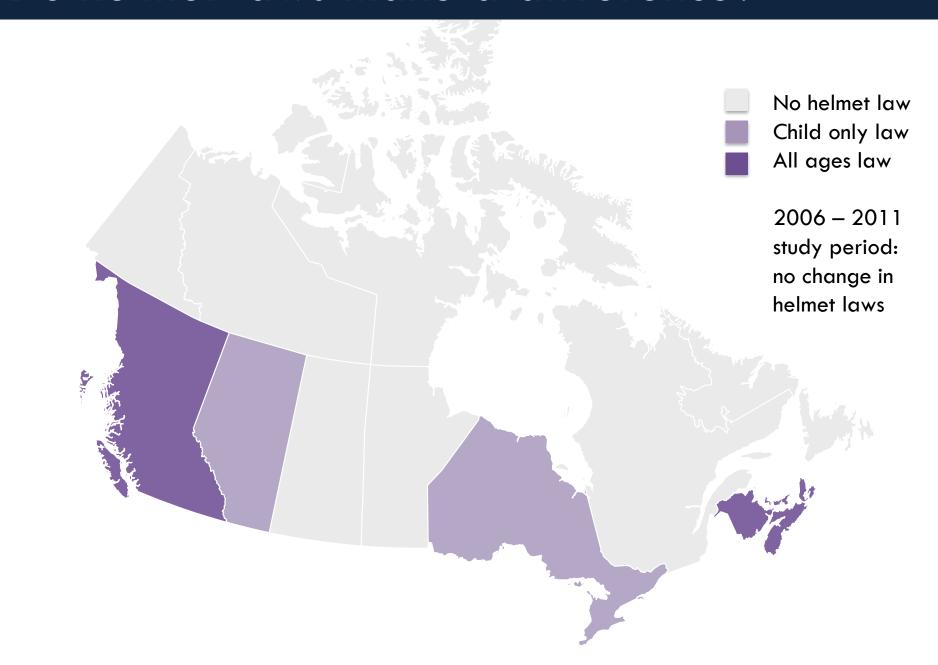
A lot.

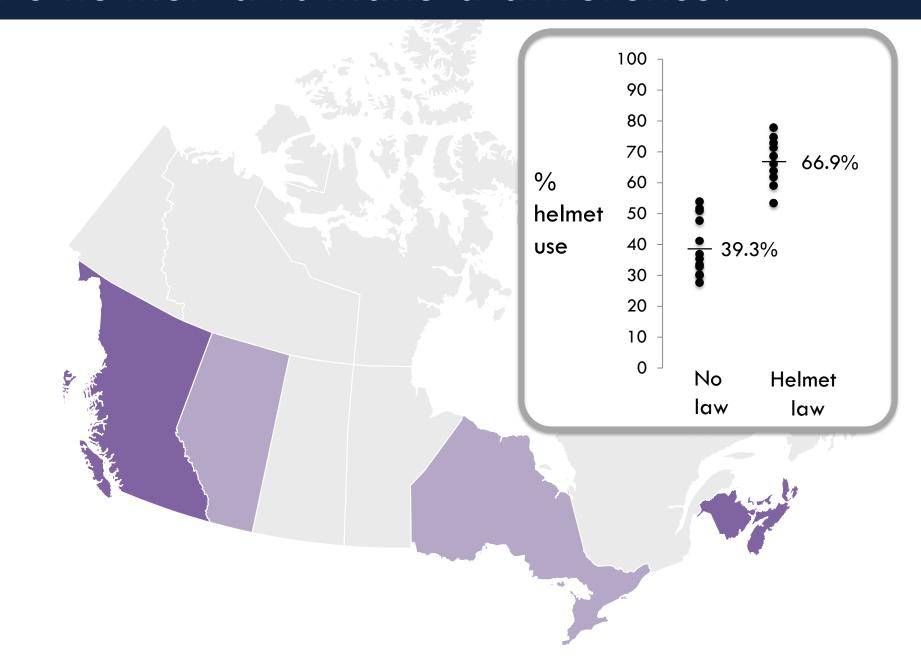
Why?

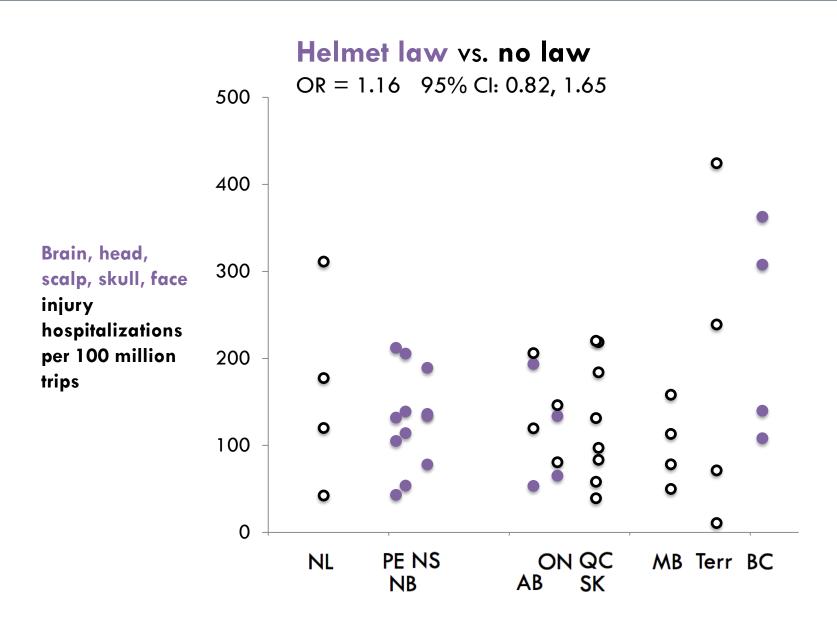
Does sex make a difference?





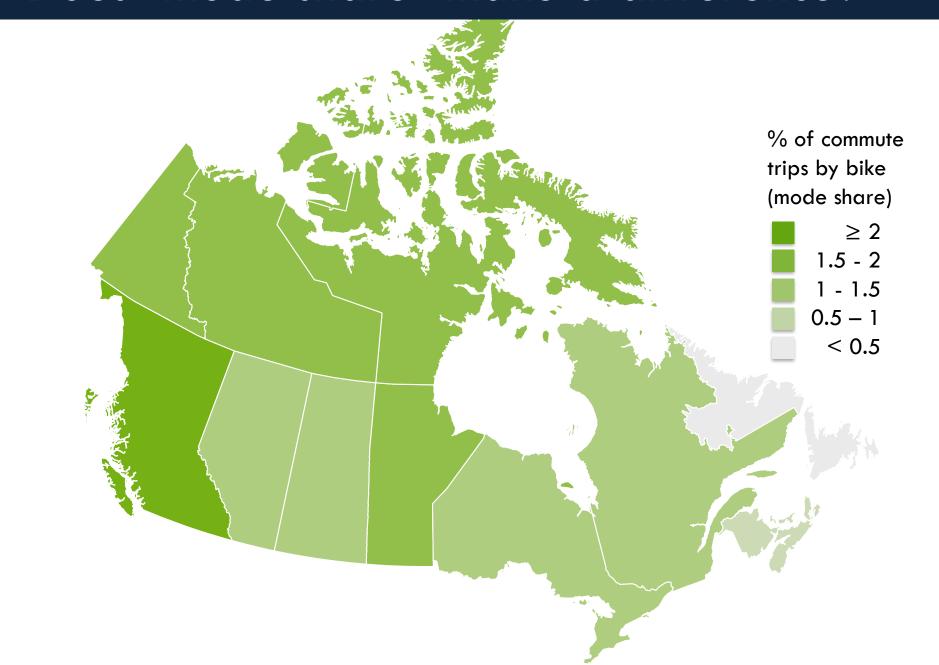




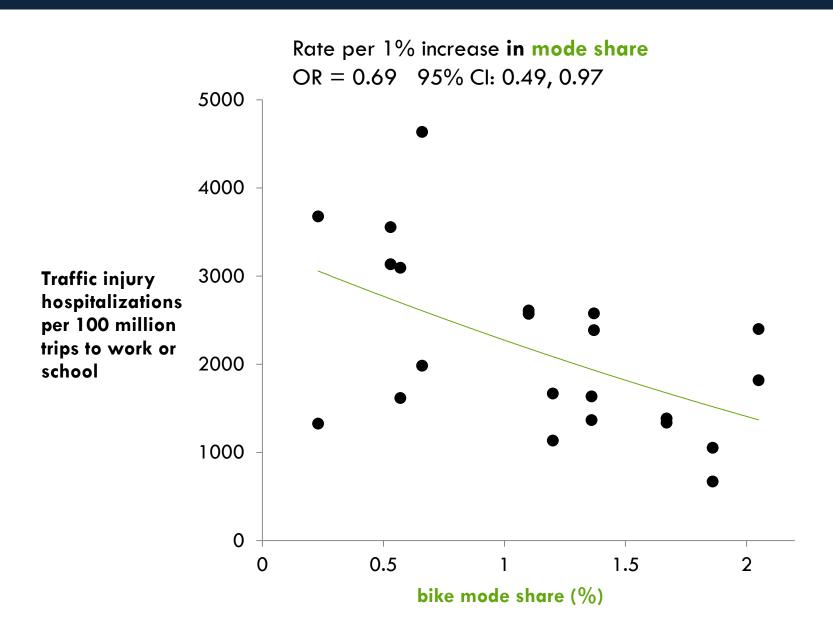




Does "mode share" make a difference?



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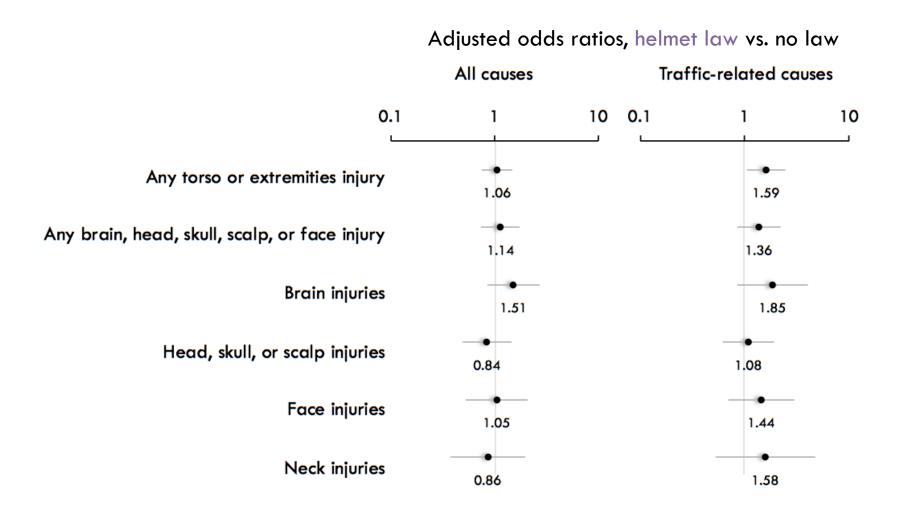
Policy implications

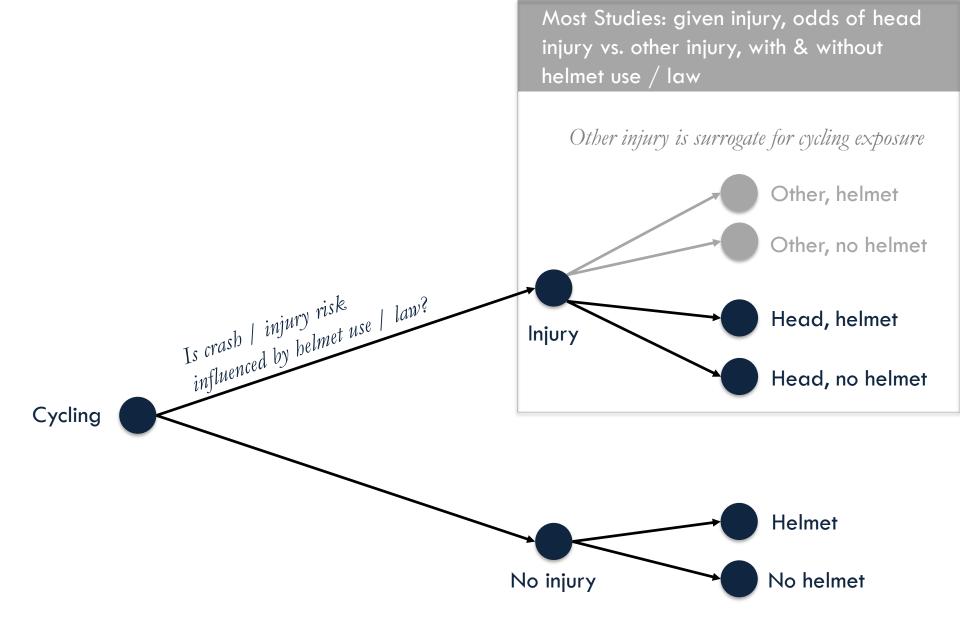
To reduce cycling injury rates, focus on factors related to increased cycling & female cycling choices.

cycling routes
physically separated
from traffic or along
quiet streets fit both
these criteria & are
associated with lower
injury risk.









What about injuries that aren't mitigated by helmets?

87% of hospitalizations involve body sites other than head

1 hospitalization per 160,000 trips

1 head injuryhospitalization per650,000 trips





