

Estimating differences in duplicate start years

Thankfully, there are very few cascades in the various data design decisions made. None of the values which had different cross sectional vs. longitudinal estimates had duplicate entries. Only one value which had a duplicate start year and end year entry was also affected by having multiple observations for the same start year.

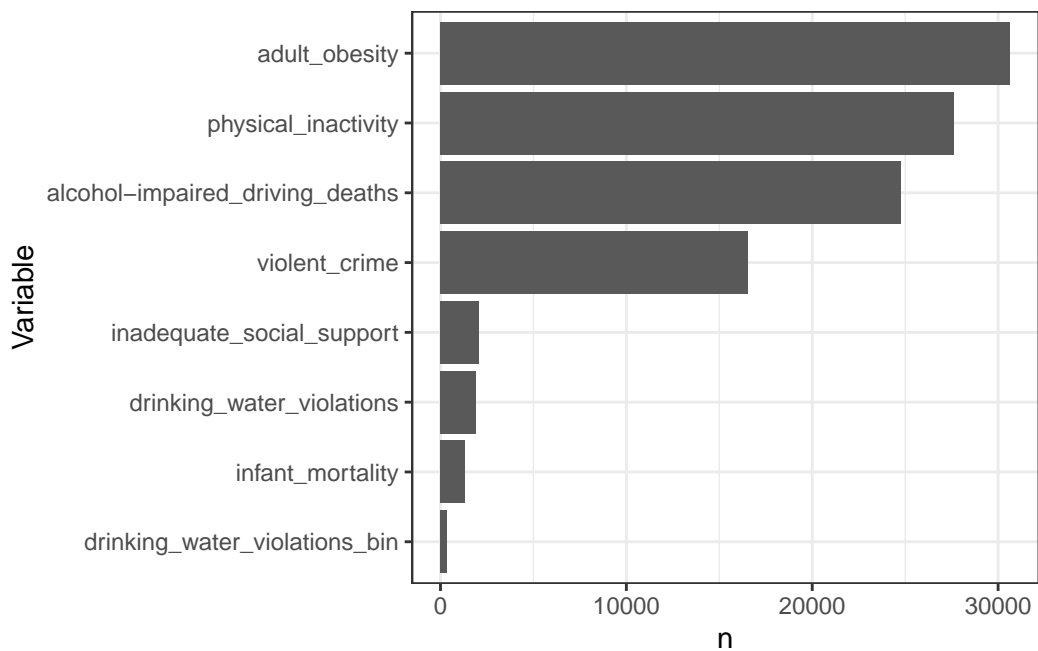
Var1	Var2	Freq
match	late	6,848
no match	late	0
match	no duplicate	3,438,386
no match	no duplicate	258,857
match	same value	464,921
no match	same value	6,185

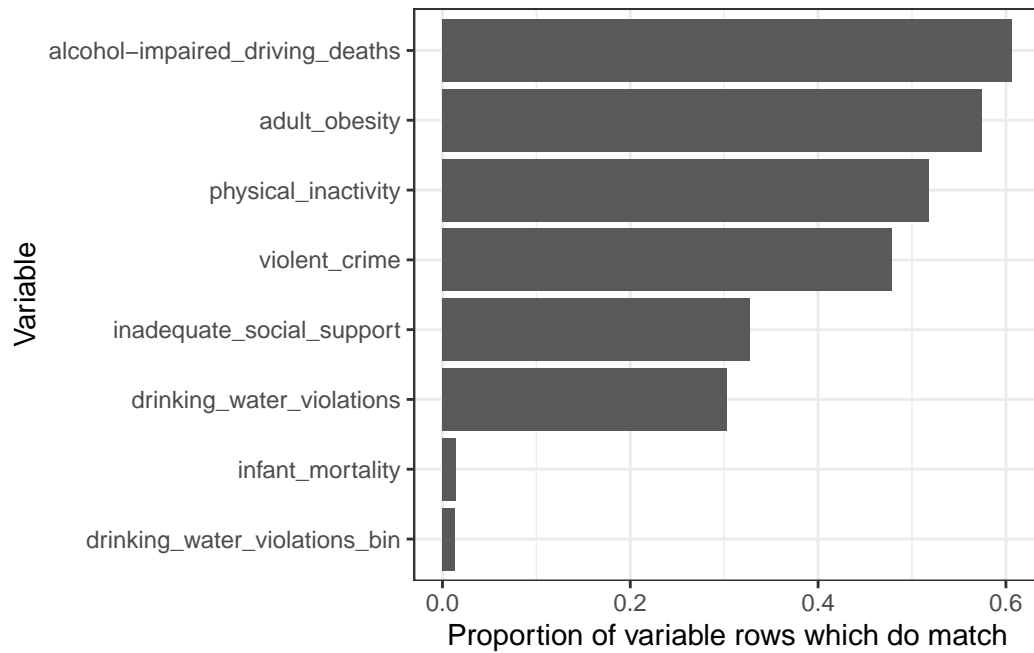
Var1	Var2	Freq
late	max start_year	1
no duplicate	max start_year	103,556
same value	max start_year	15,701
late	no duplicate	6,847

Var1	Var2	Freq
no duplicate	no duplicate	3,593,687
same value	no duplicate	455,405

Var1	Freq
min start_year	119,258
no duplicate	4,055,939

Var1	Freq
min start_year	2.856344
no duplicate	97.143656

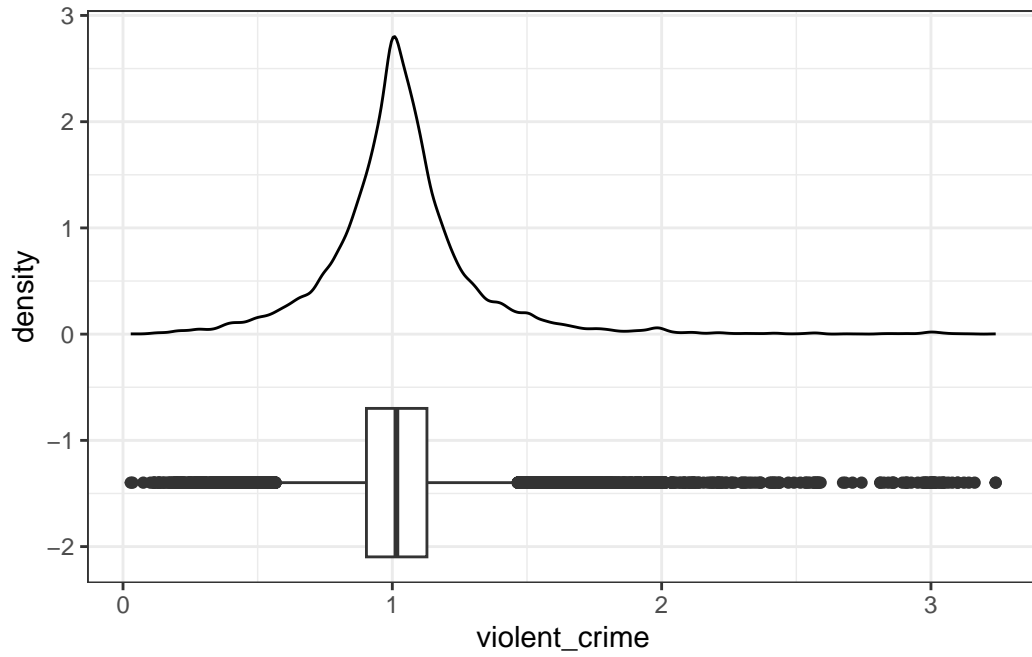




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[[1]]
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Warning: Removed 250 rows containing non-finite values (`stat_boxplot()`).

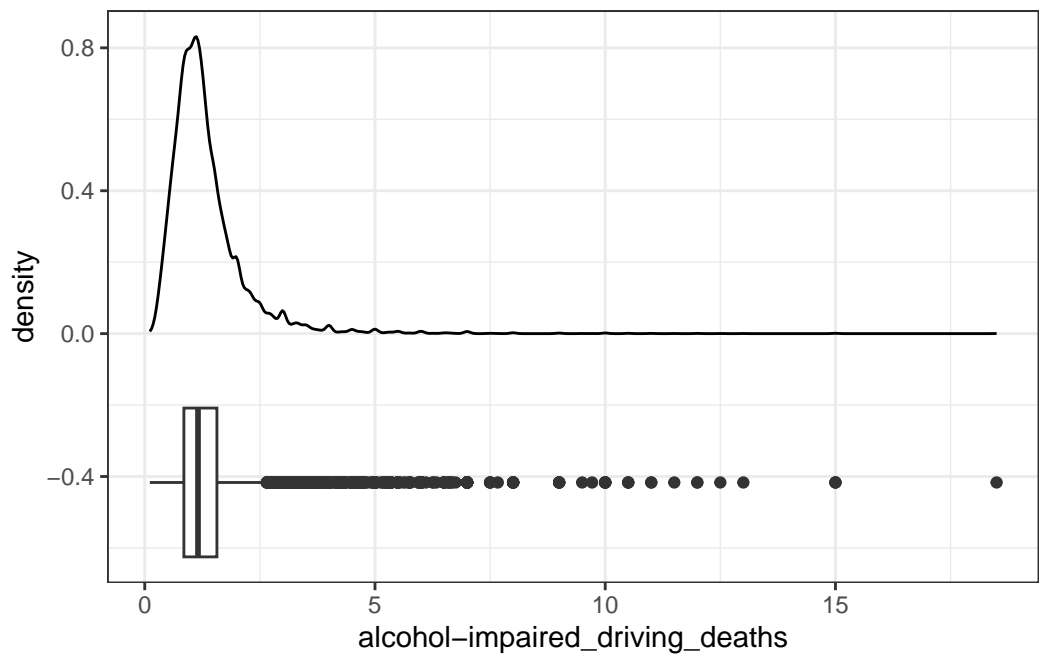
Warning: Removed 250 rows containing non-finite values (`stat_density()`).



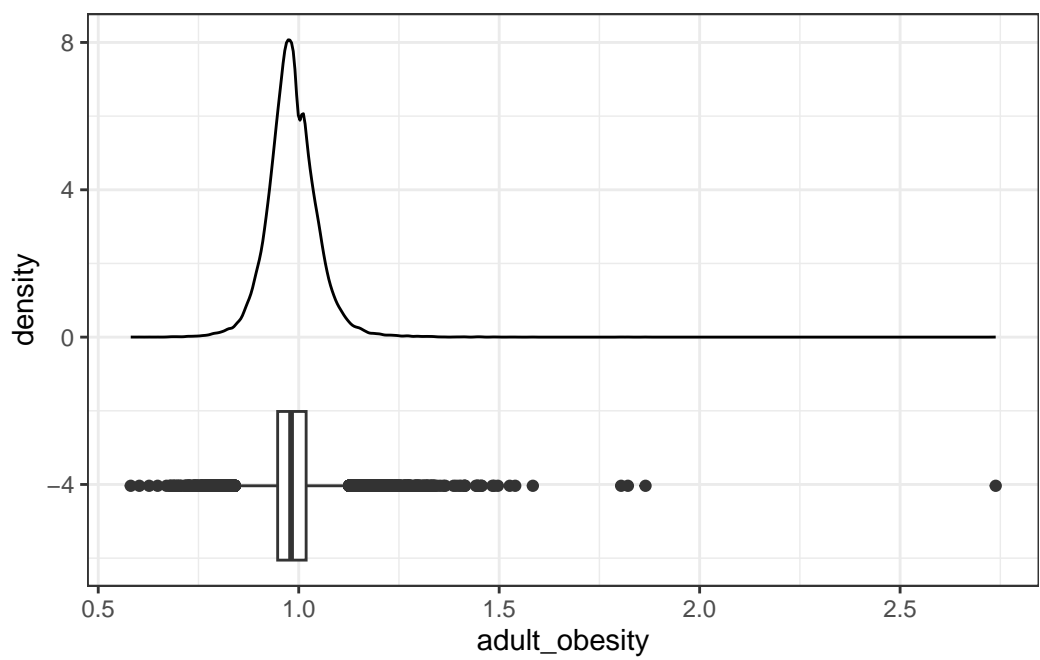
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[[2]]
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Warning: Removed 5339 rows containing non-finite values (`stat_boxplot()`).
```

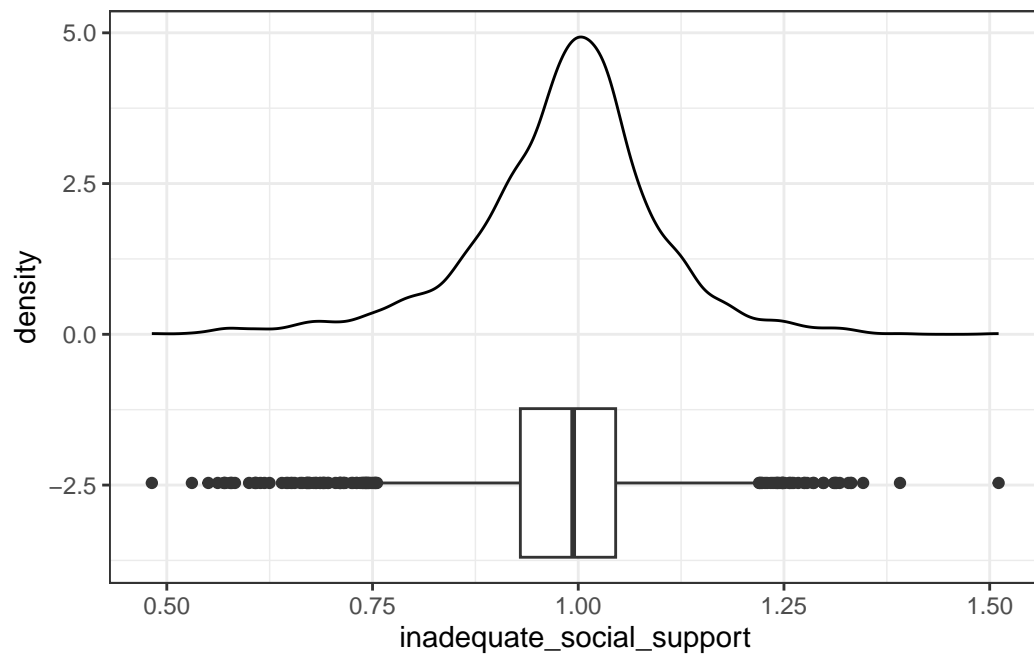
```
Warning: Removed 5339 rows containing non-finite values (`stat_density()`).
```



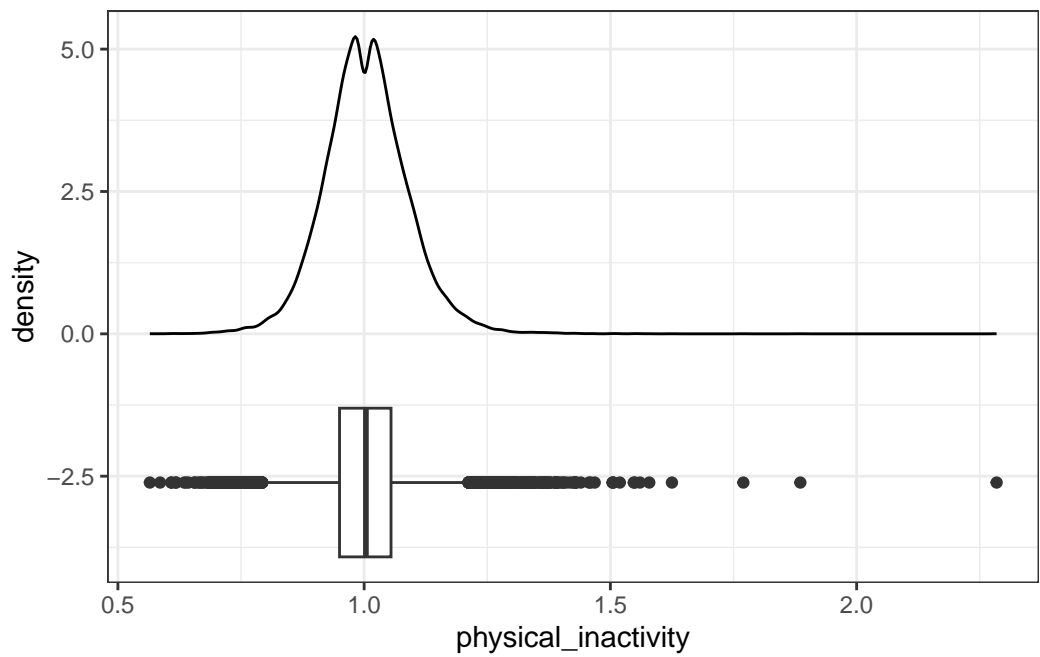
[[3]]



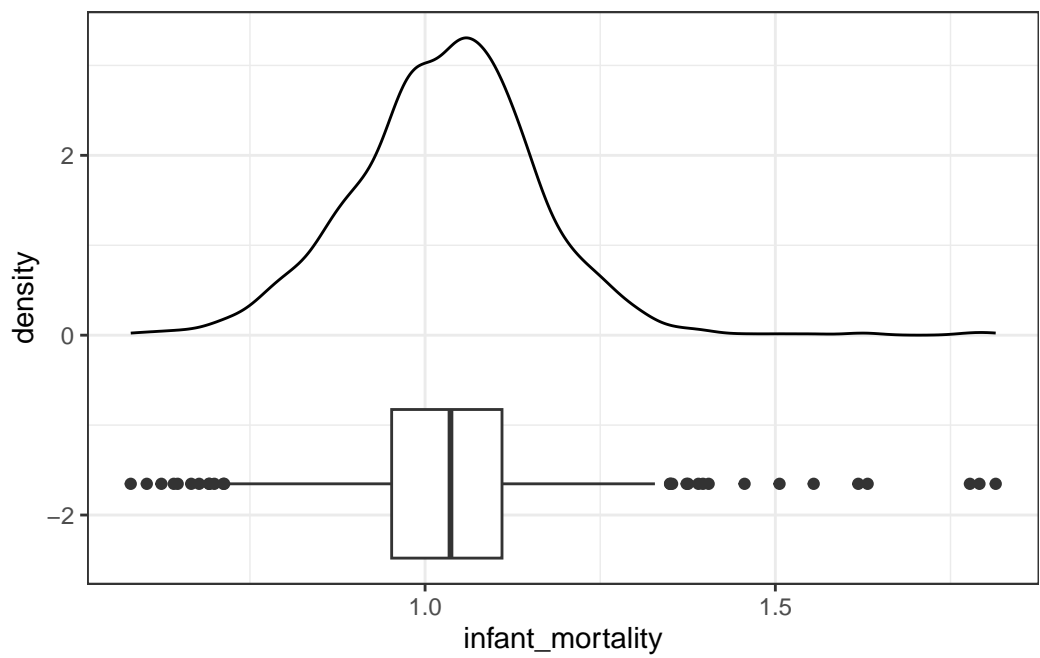
[[4]]



[[5]]



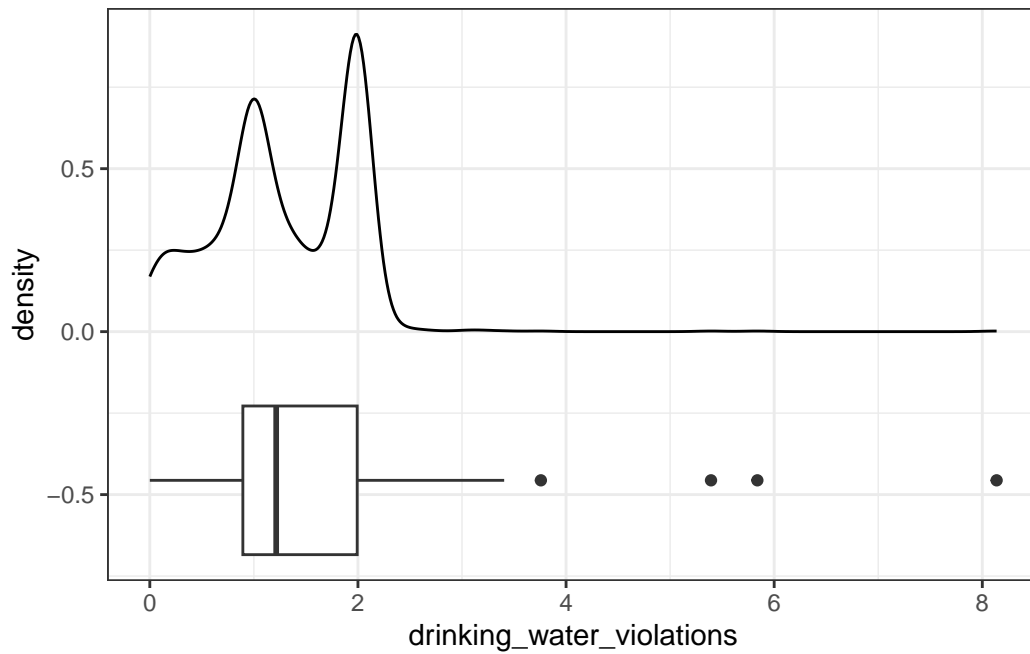
[[6]]



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[[7]]
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Warning: Removed 332 rows containing non-finite values (`stat_boxplot()`).
```

```
Warning: Removed 332 rows containing non-finite values (`stat_density()`).
```



variable	mean	sd	min	p25	median	p75	iqr	mad	max	nr_missing	prcnt_missing	nr_rows
adult_obesity	0.984	0.065	0.581	0.948	0.981	1.019	0.071	0.053	2.738	0	0.000	30,665
alcohol- impaired_driving_deaths	1.343	0.878	0.111	0.850	1.156	1.567	0.717	0.509	18.500	5,339	0.215	24,796
drinking_water_violations	1.297	0.685	0.000	0.894	1.215	1.993	1.099	0.925	8.138	332	0.175	1,900
inadequate_social_support	0.985	0.111	0.482	0.930	0.994	1.045	0.116	0.084	1.511	0	0.000	2,055
infant_mortality	1.031	0.134	0.580	0.952	1.036	1.110	0.157	0.117	1.815	0	0.000	1,338
physical_inactivity	1.004	0.086	0.565	0.950	1.004	1.055	0.105	0.077	2.284	0	0.000	27,648
violent_crime	1.032	0.280	0.029	0.904	1.015	1.129	0.225	0.167	3.240	250	0.015	16,558