Excess Statistics

Excess statistics plots similar to BCH

Adjustment: Omit

```
## `summarise()` has grouped output by 'method'. You can override using the `.groups` argument.
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```

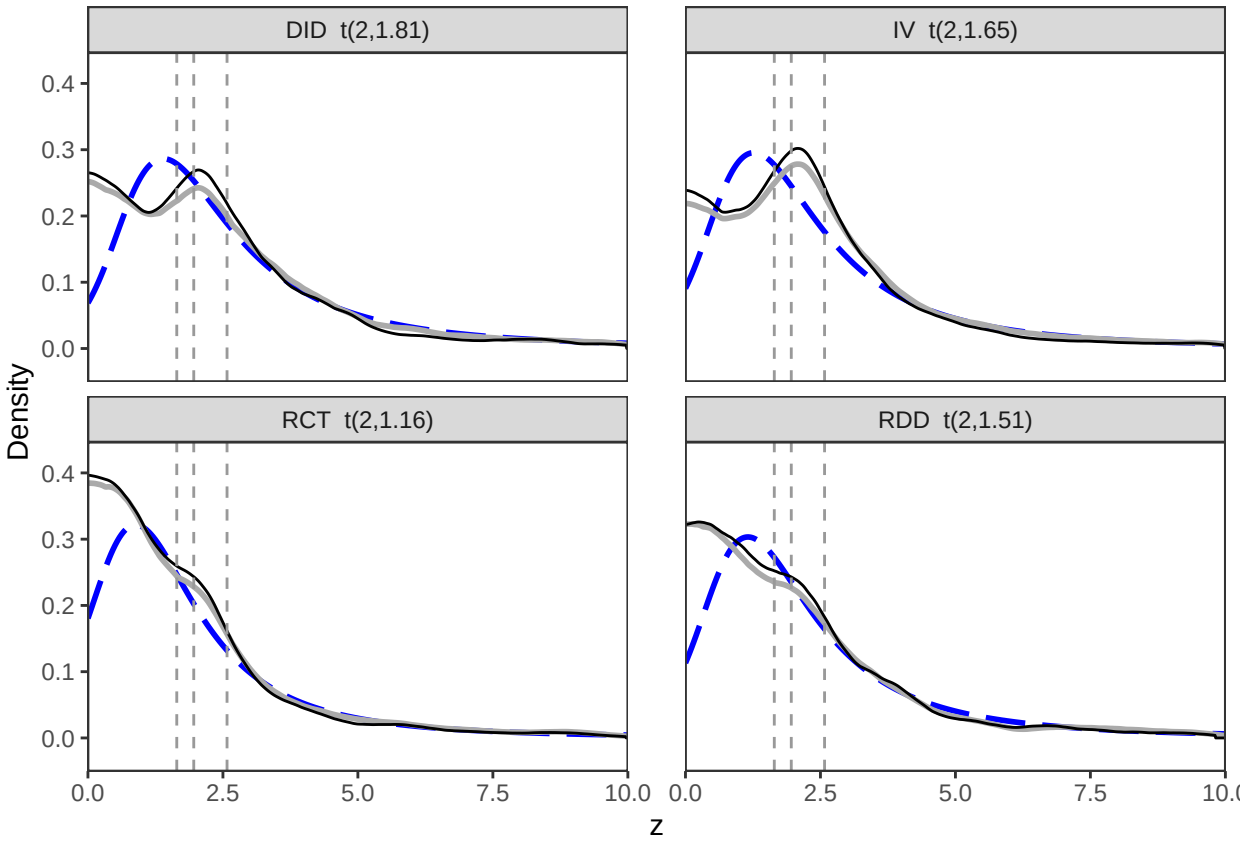

Blue: Assumed t-densities from BCH Grey: z-values as reported Black: Adjusted z-statistics

Biased on the LHS

```
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```

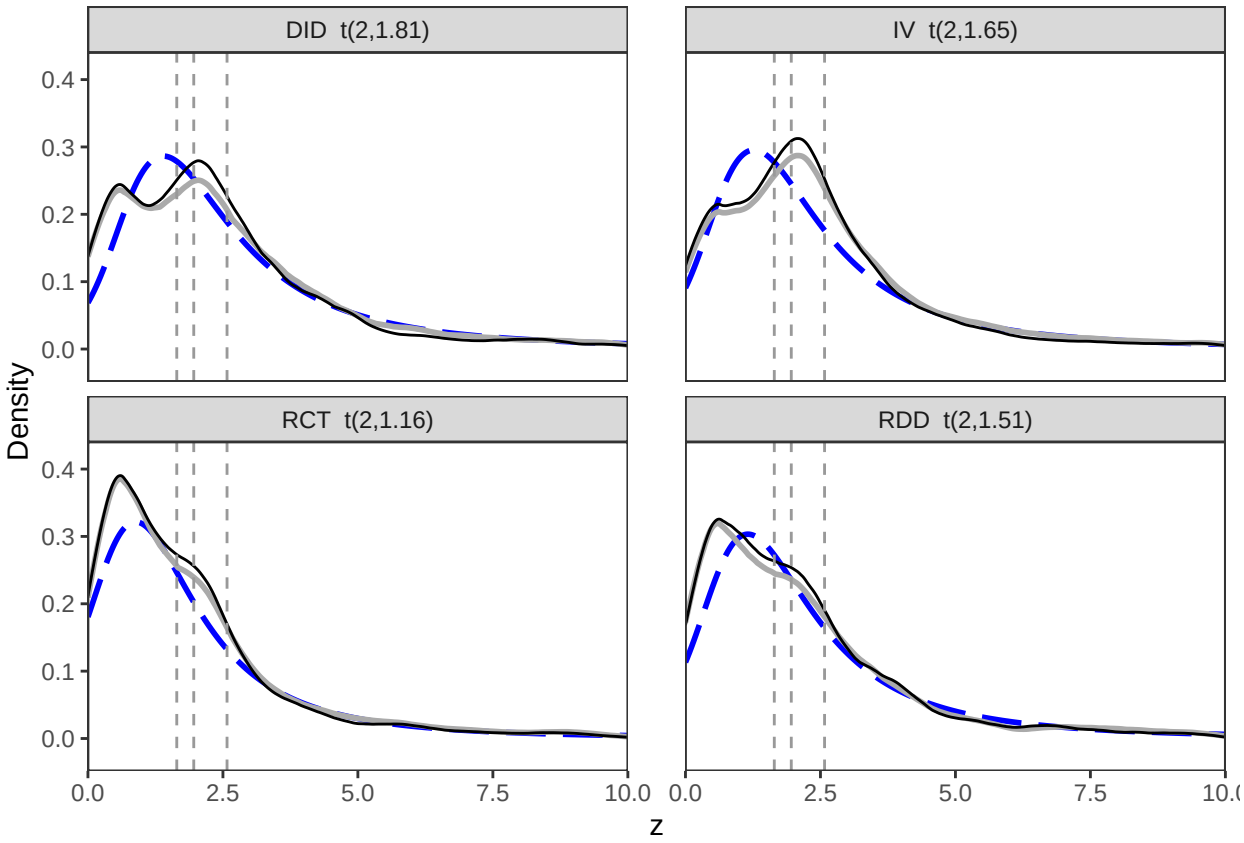

Reported vs t vs Uniform

```
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```
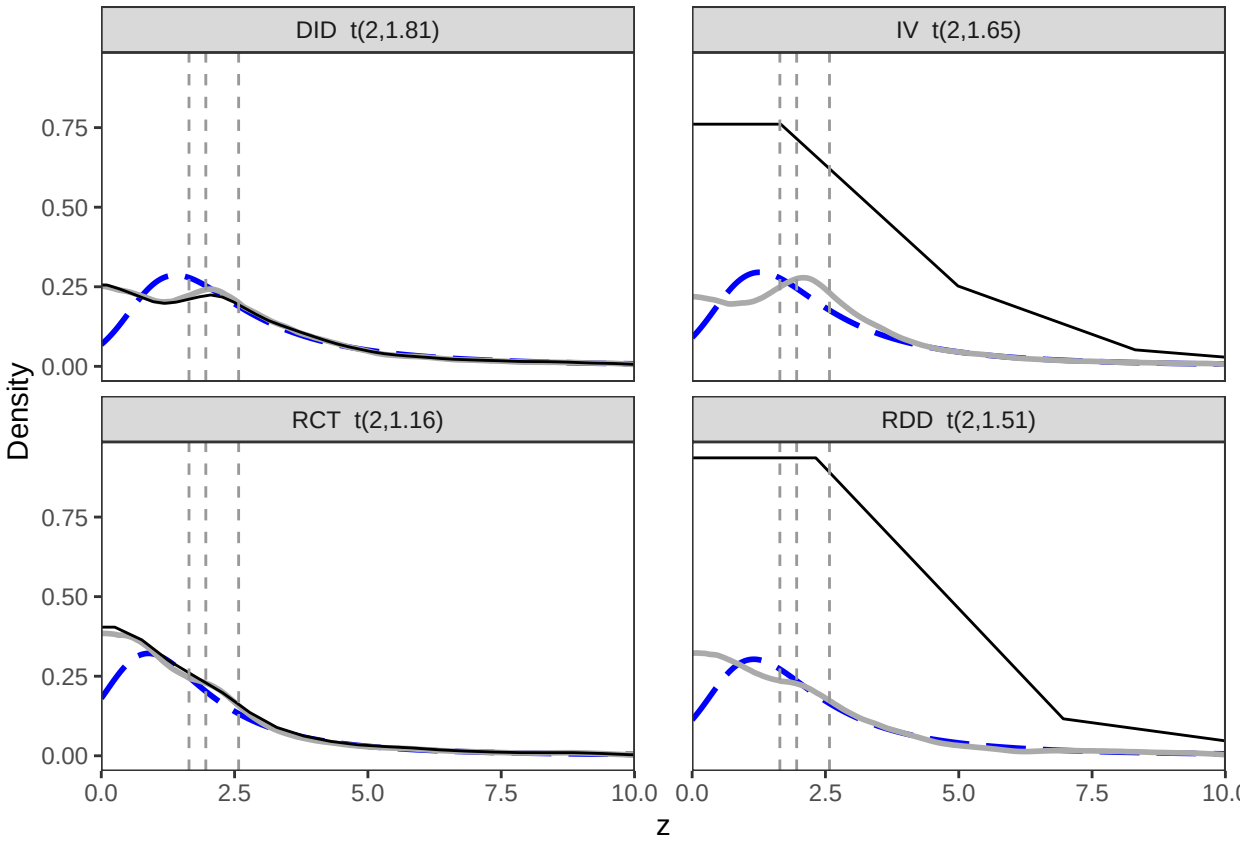
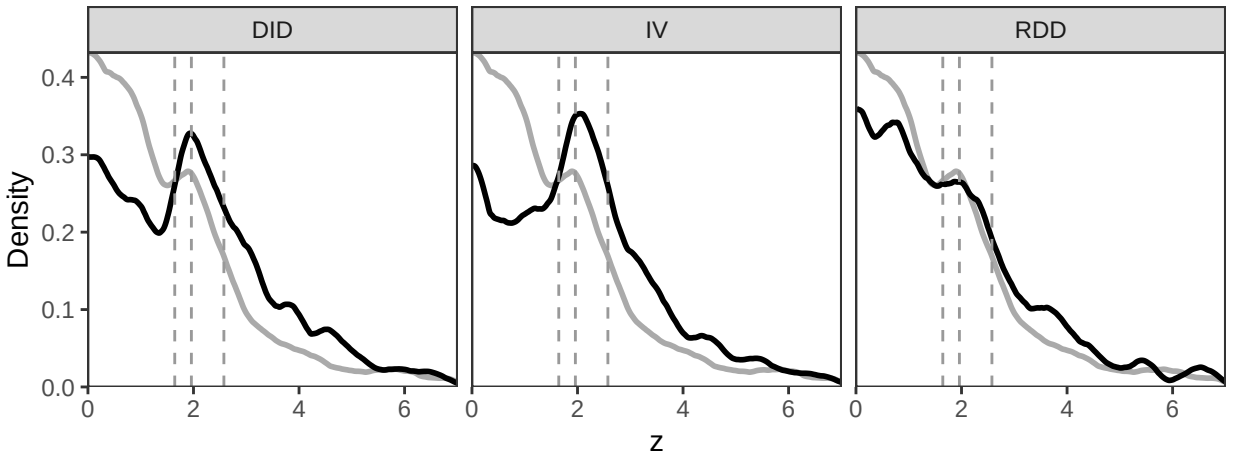
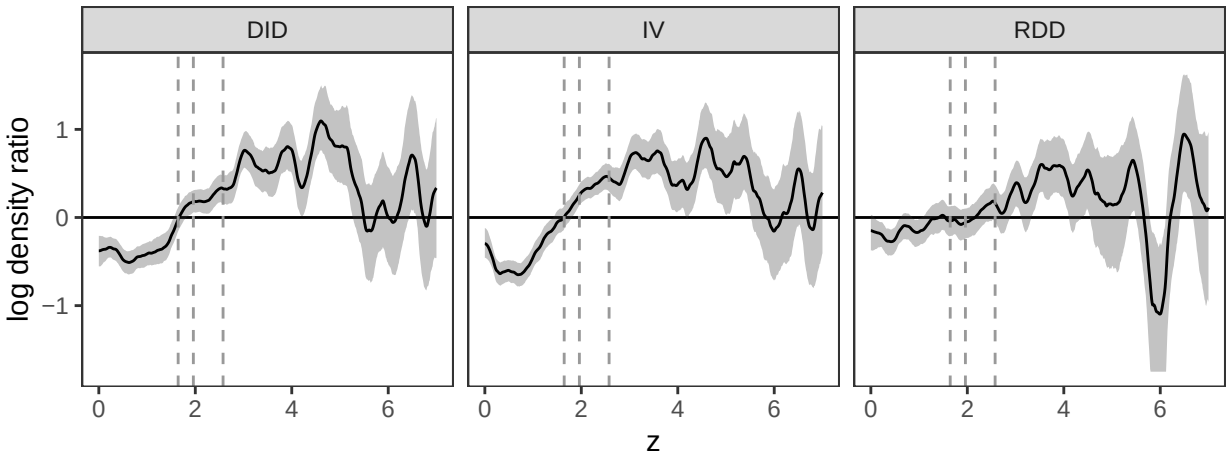



Blue: Assumed t-densities from BCH Grey: z-values as reported Black: Adjusted z-statistics

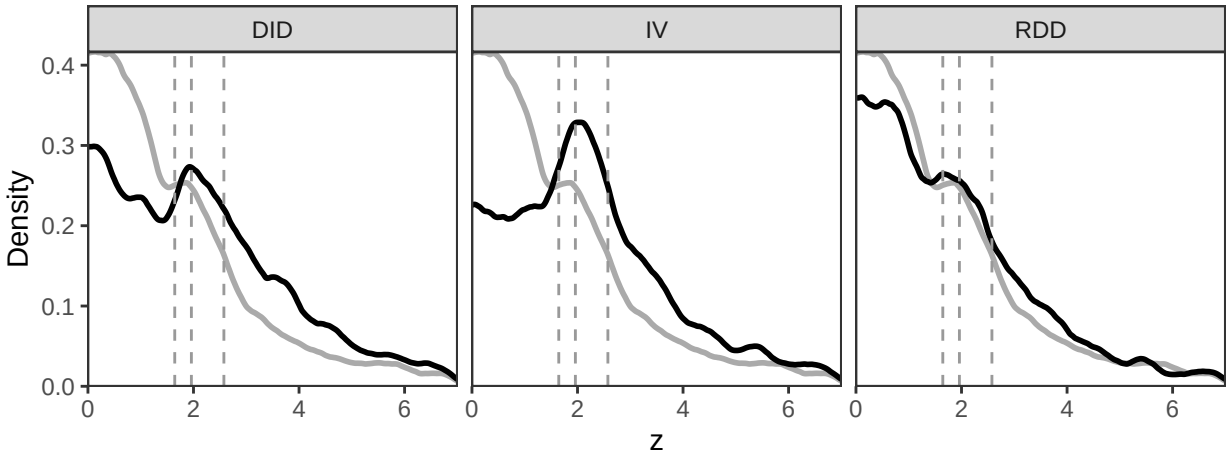
Compare with RCT

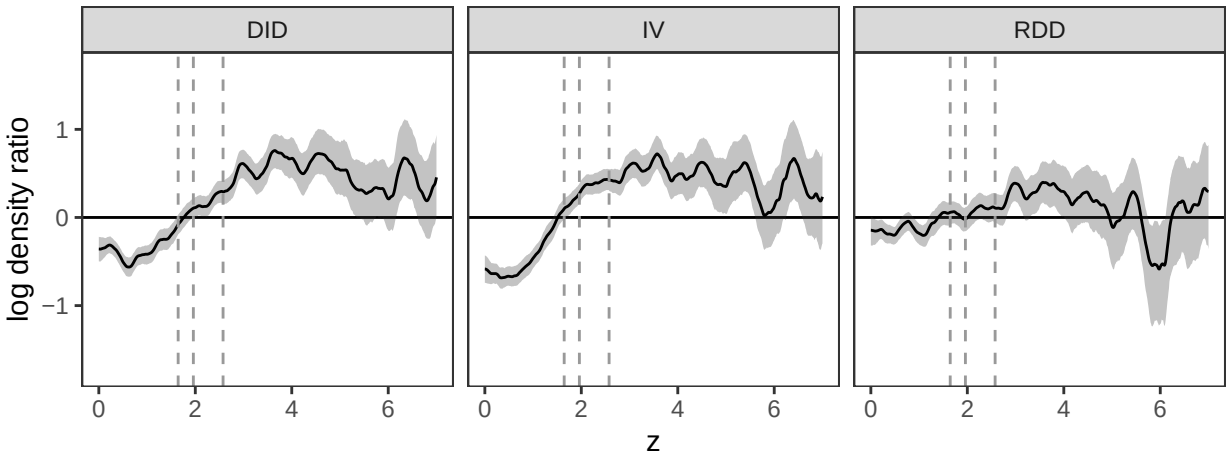
Omit



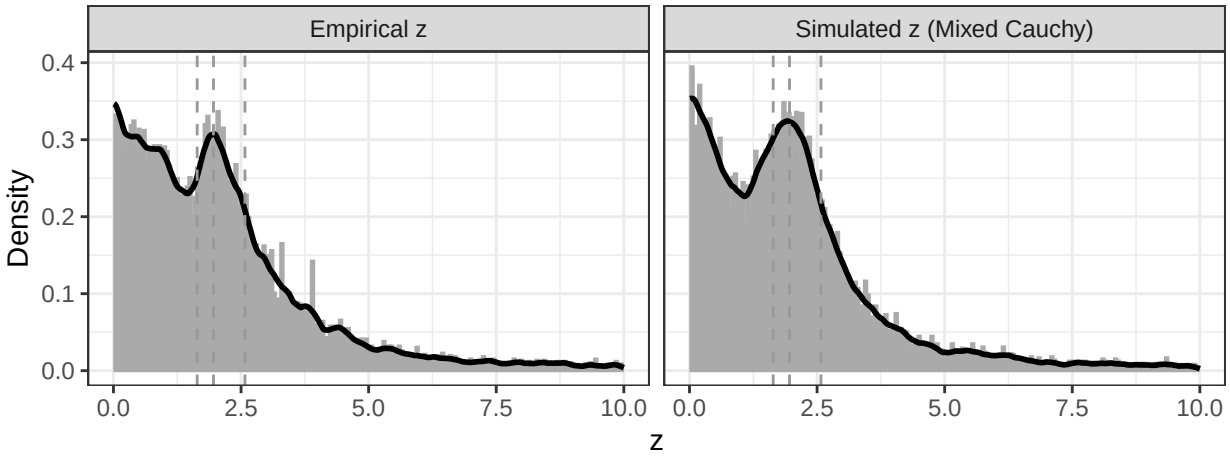


Uniform derounding

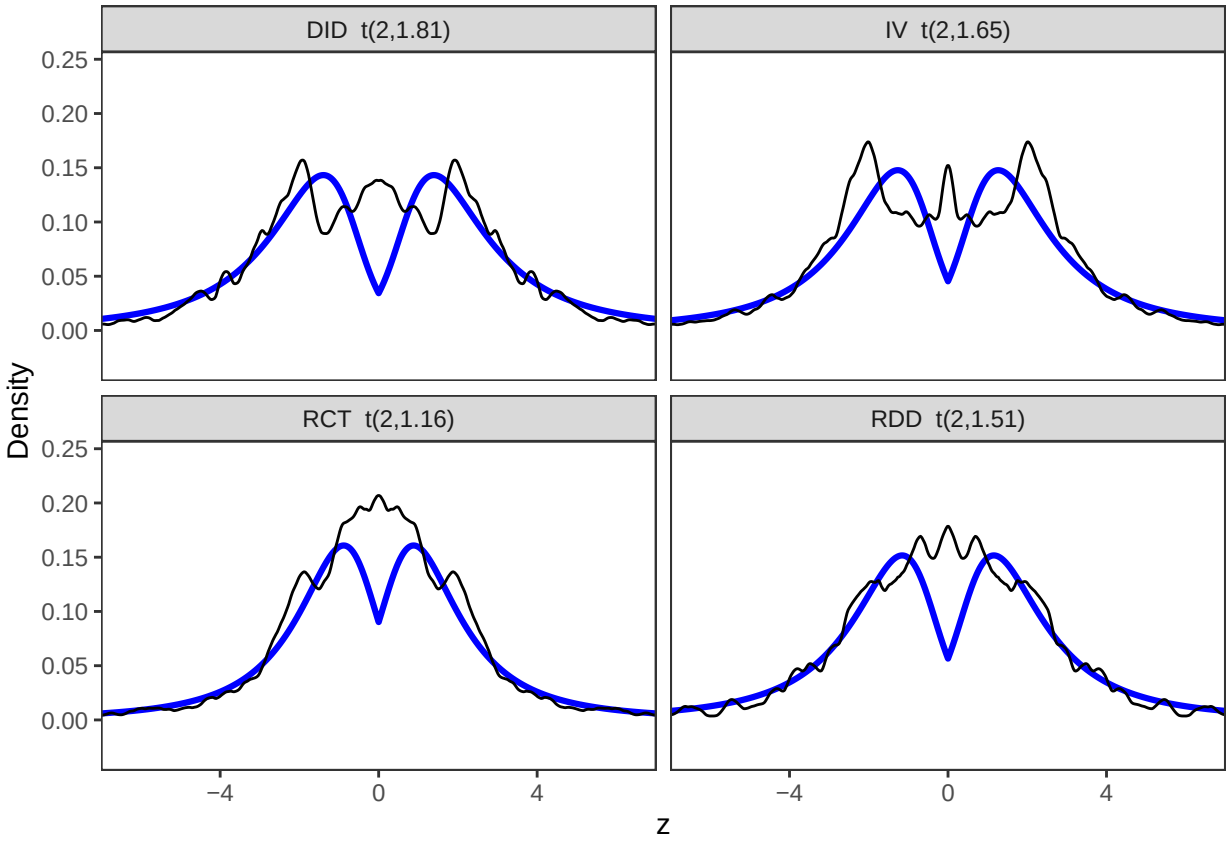




Double-Hump: A simulation



Empirical vs t-distributions assuming symmetric negative and positive z



What probability mass is below BCH's t-curves?

```
## [1] 0.9648521
```

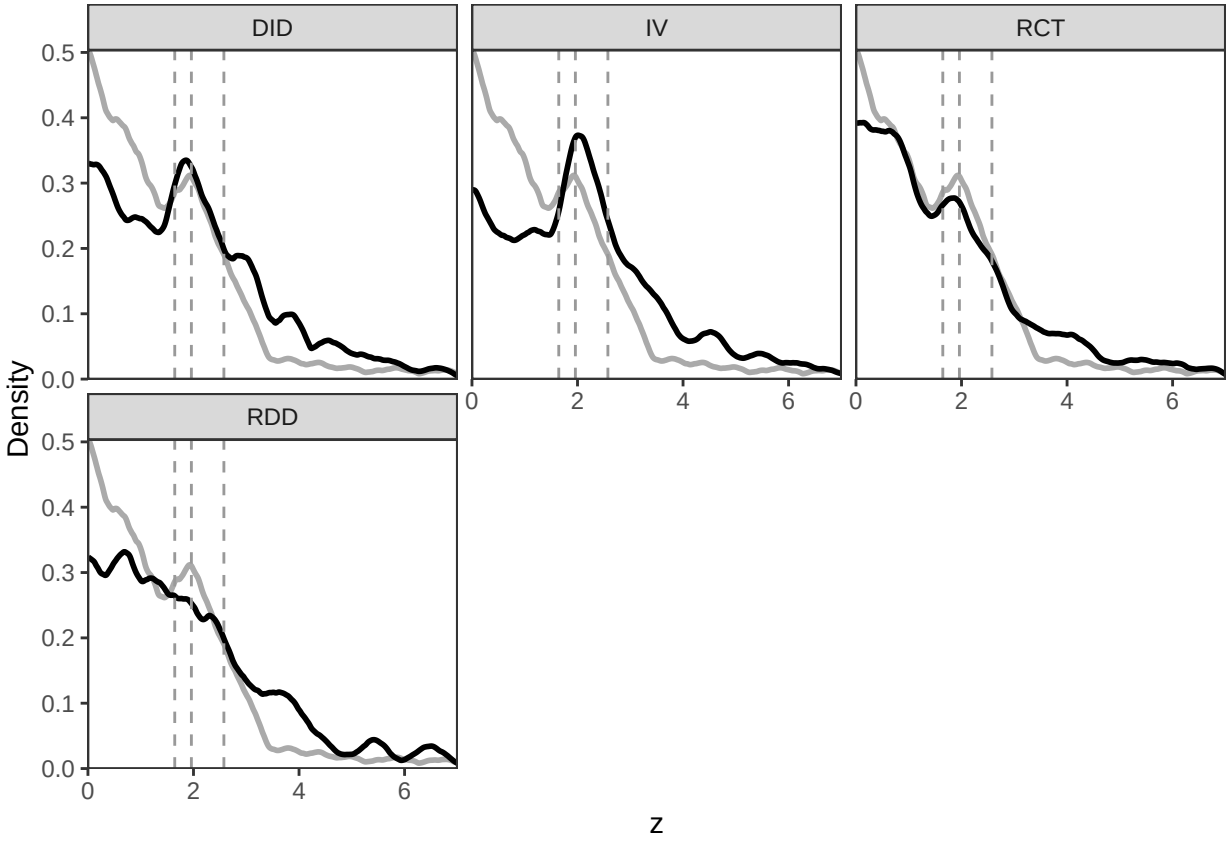
```
## [1] 0.9505285
```

```
## [1] 0.9344783
```

```
## [1] 0.8769756
```

Between 87.7% (RCT) and 96.5% (DID)

Compare with rct_pre_registered



Compare density by year