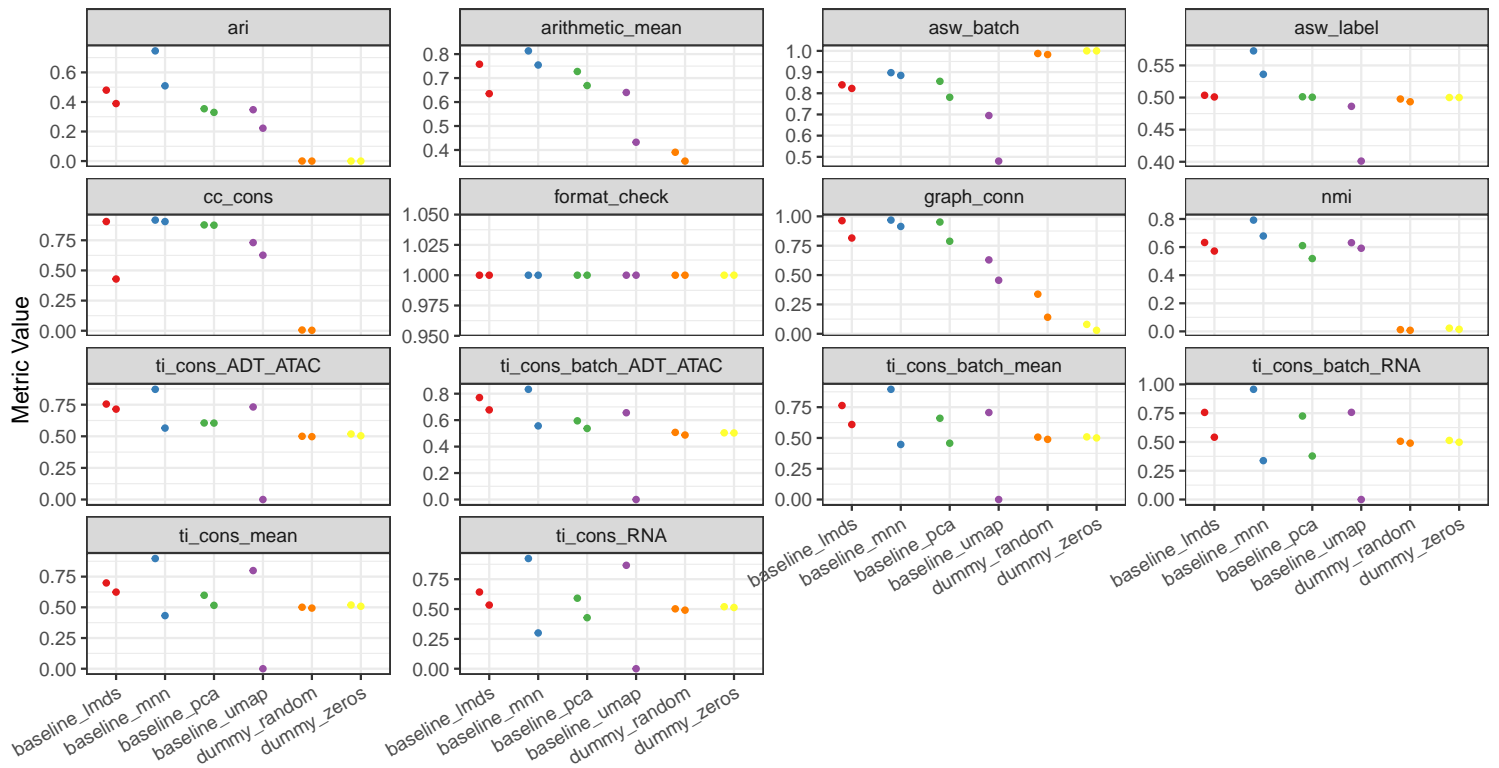


Joint Embedding - Pilot Analysis

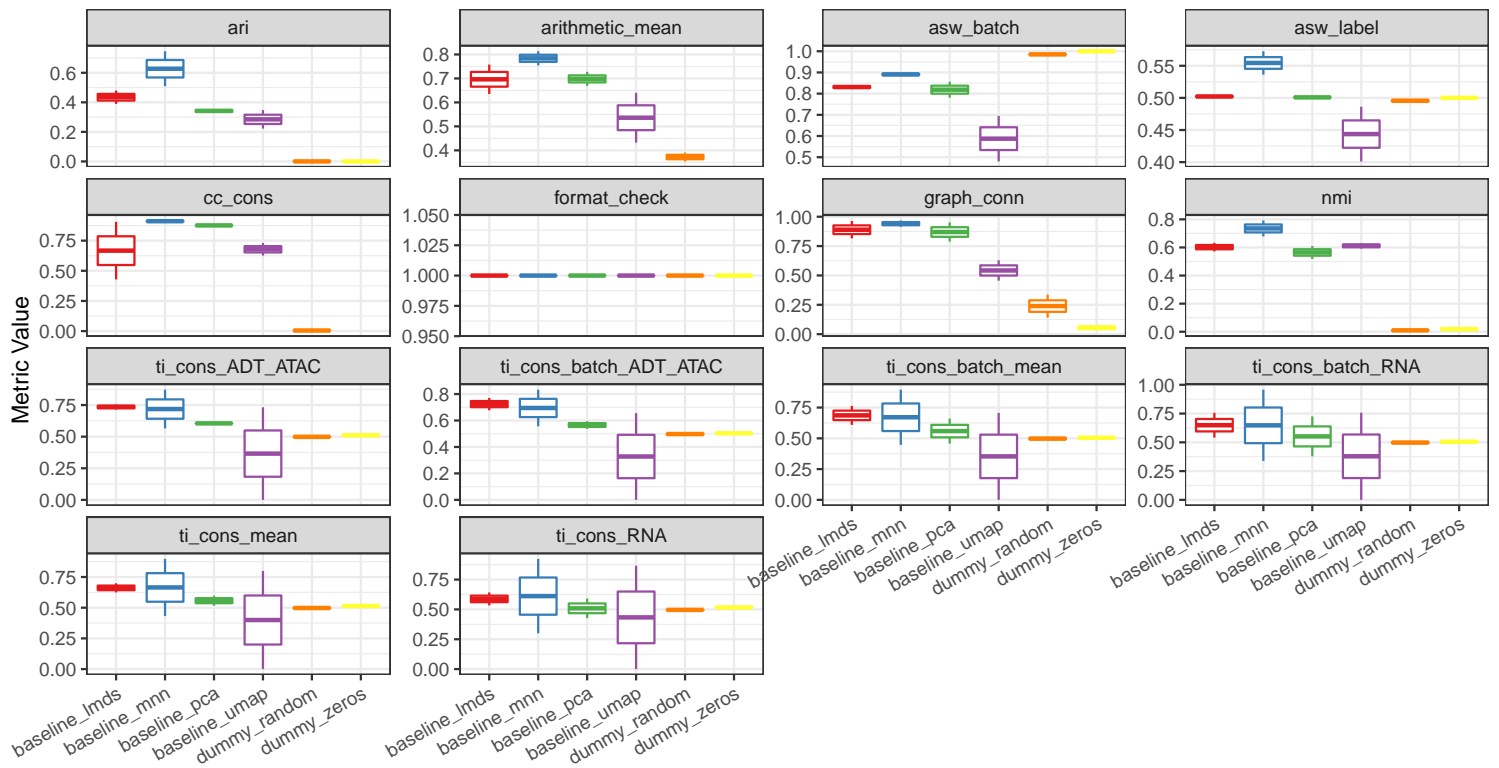
Visualise results

Colour by method.



Method

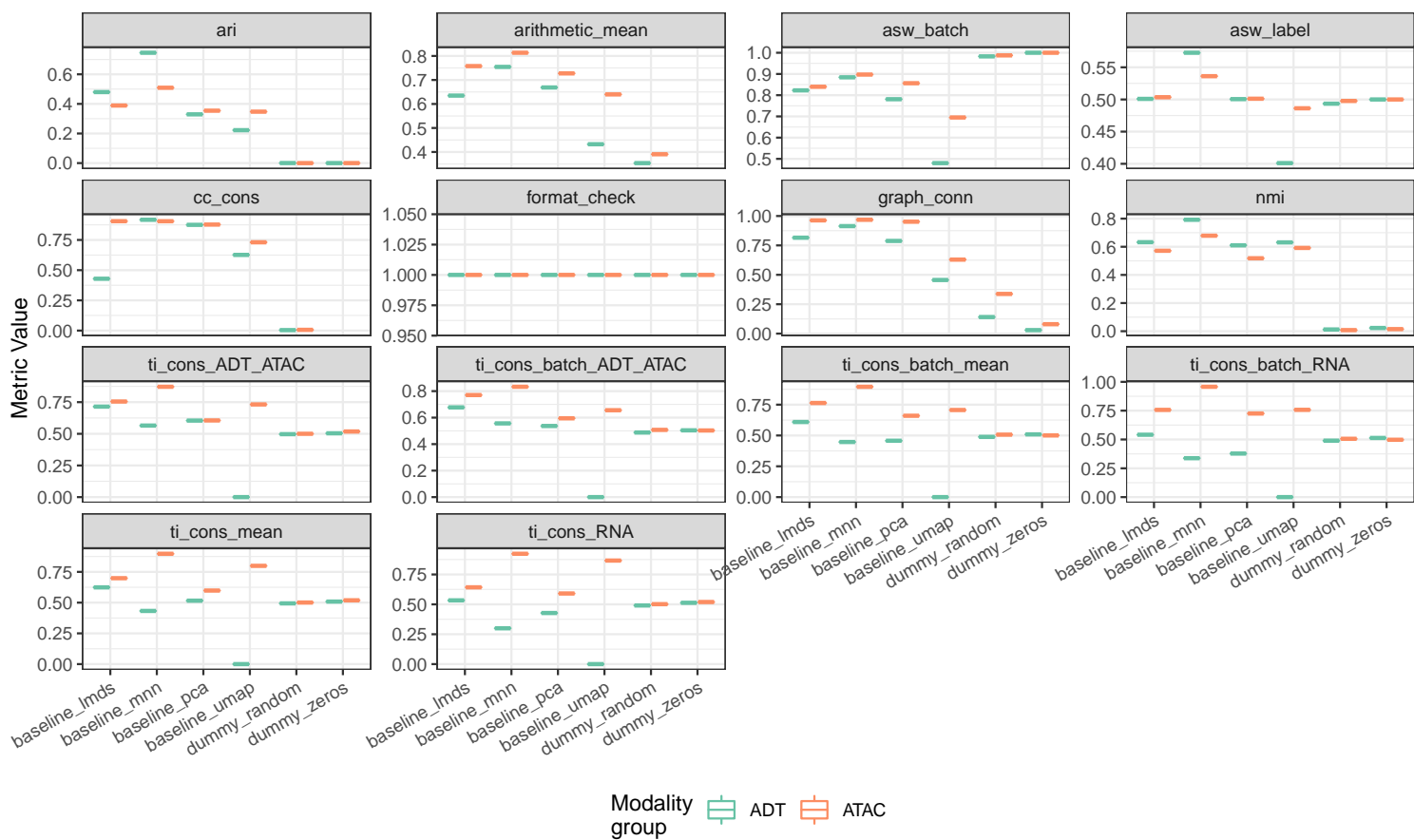
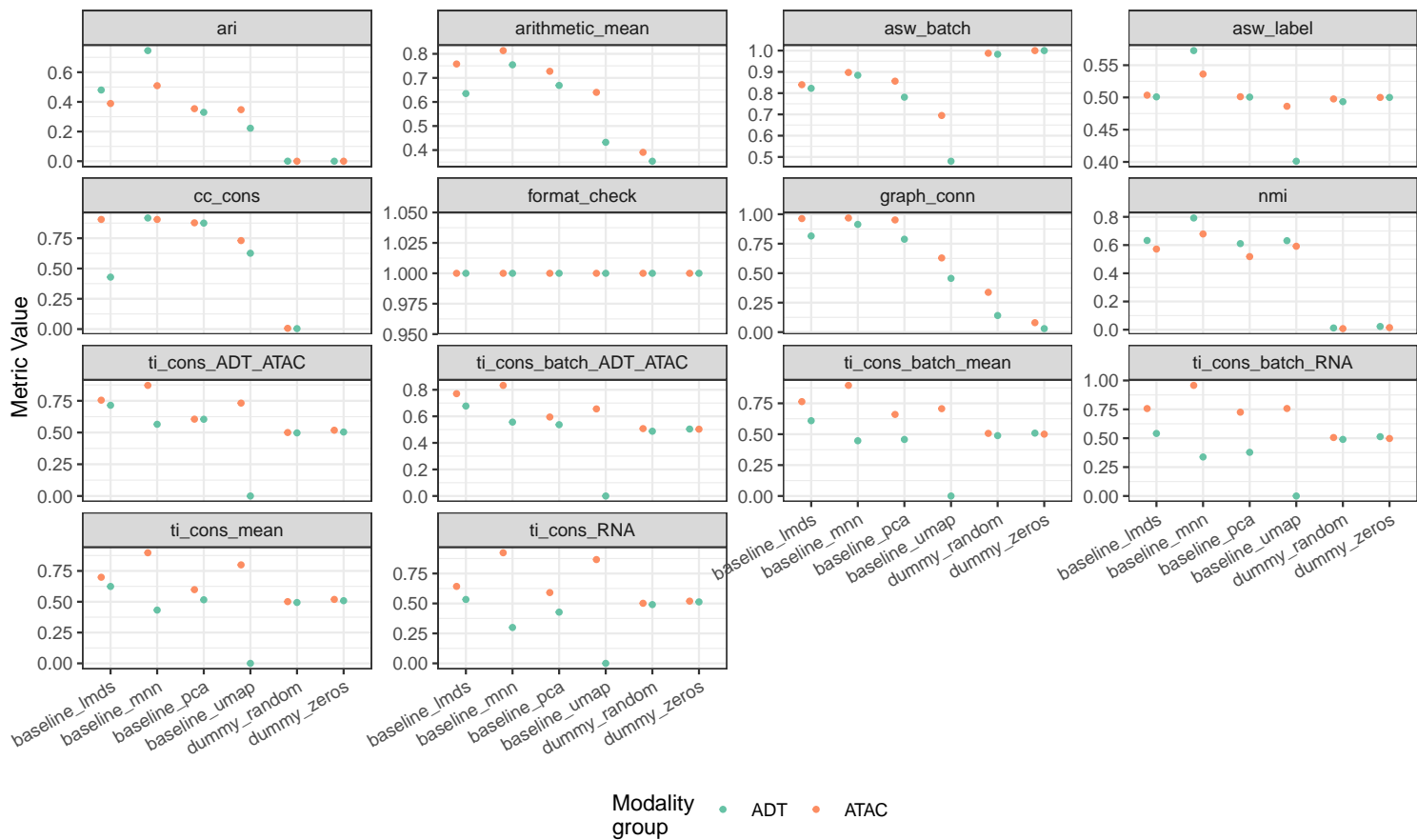
- baseline_lmids
- baseline_mnn
- baseline_pca
- baseline_umap
- dummy_random
- dummy_zeros



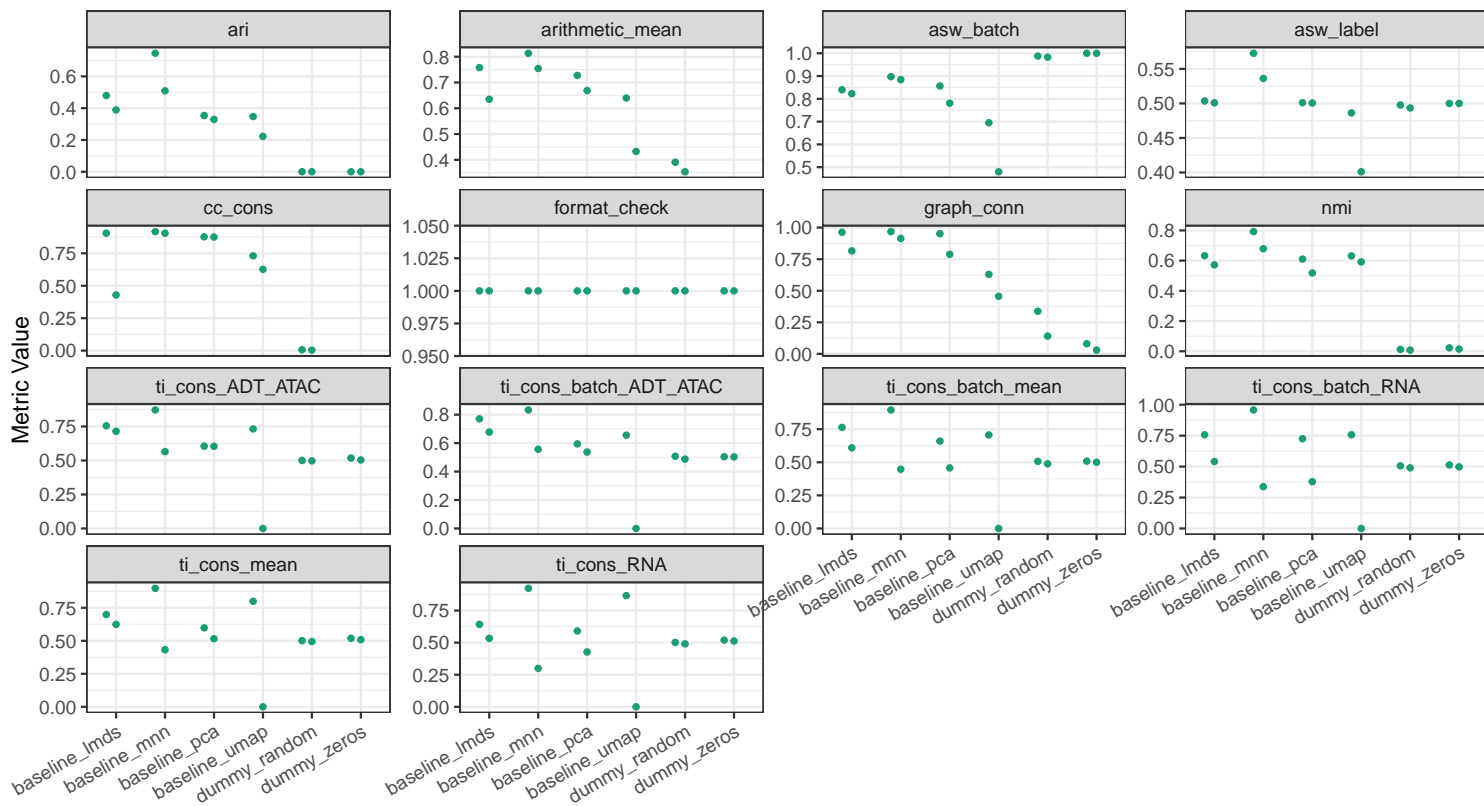
Method

- baseline_lmids
- baseline_mnn
- baseline_pca
- baseline_umap
- dummy_random
- dummy_zeros

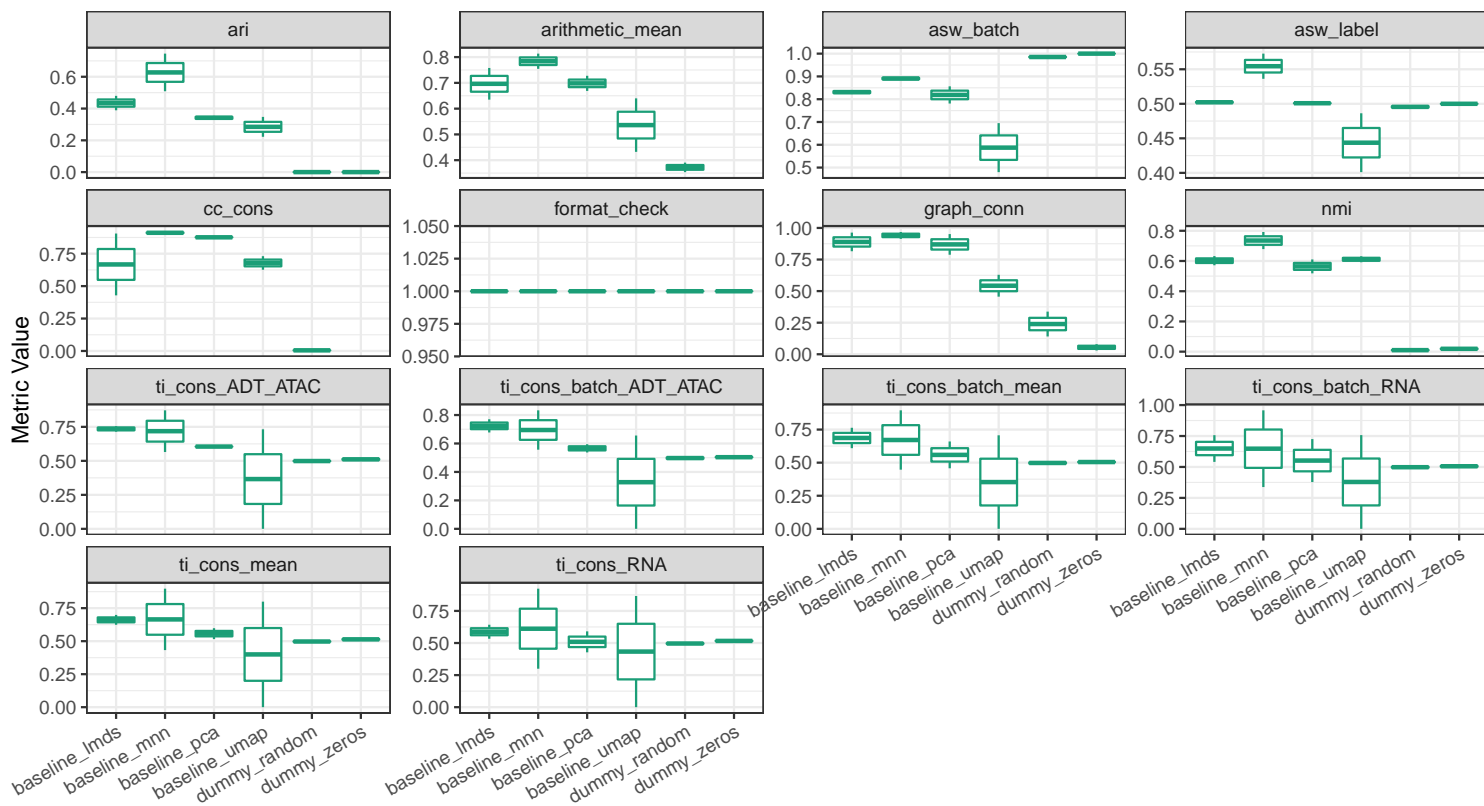
Colour by modality group.



Colour by phase.



Phase • phase2



Phase ☐ phase2

Comparing most interesting metrics.

```
selected_metrics <- c("asw_batch", "asw_label", "cc_cons", "graph_conn", "nmi", "ti_cons_batch_mean", "arithmeti
GGally::ggpairs(
  df,
  mapping = aes(colour = method_type, fill = method_type),
  columns = selected_metrics,
  diag = list(continuous = "barDiag", discrete = "barDiag", na = "naDiag"),
  upper = list(continuous = "na", combo = "na", discrete = "na", na = "na")
) & theme_bw() &
  scale_colour_brewer(palette = "Set2") &
  scale_fill_brewer(palette = "Set2")
```

```
## Registered S3 method overwritten by 'GGally':
```

```
##   method from
```

```
##   +.gg      ggplot2
```

```
## 'stat_bin()' using 'bins = 30'. Pick better value with 'binwidth'.
```

```
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```

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```

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```

```
## 'stat_bin()' using 'bins = 30'. Pick better value with 'binwidth'.
```

