flextable example

## An example

|  | mpg | cyl | disp | hp | drat | wt | qsec | vs | am | gear | carb |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| mpg | 1.0000000 | -0.8521620 | -0.8475514 | -0.7761684 | 0.68117191 | -0.8676594 | 0.41868403 | 0.6640389 | 0.59983243 | 0.4802848 | -0.55092507 |
| cyl | -0.8521620 | 1.0000000 | 0.9020329 | 0.8324475 | -0.69993811 | 0.7824958 | -0.59124207 | -0.8108118 | -0.52260705 | -0.4926866 | 0.52698829 |
| disp | -0.8475514 | 0.9020329 | 1.0000000 | 0.7909486 | -0.71021393 | 0.8879799 | -0.43369788 | -0.7104159 | -0.59122704 | -0.5555692 | 0.39497686 |
| hp | -0.7761684 | 0.8324475 | 0.7909486 | 1.0000000 | -0.44875912 | 0.6587479 | -0.70822339 | -0.7230967 | -0.24320426 | -0.1257043 | 0.74981247 |
| drat | 0.6811719 | -0.6999381 | -0.7102139 | -0.4487591 | 1.00000000 | -0.7124406 | 0.09120476 | 0.4402785 | 0.71271113 | 0.6996101 | -0.09078980 |
| wt | -0.8676594 | 0.7824958 | 0.8879799 | 0.6587479 | -0.71244065 | 1.0000000 | -0.17471588 | -0.5549157 | -0.69249526 | -0.5832870 | 0.42760594 |
| qsec | 0.4186840 | -0.5912421 | -0.4336979 | -0.7082234 | 0.09120476 | -0.1747159 | 1.00000000 | 0.7445354 | -0.22986086 | -0.2126822 | -0.65624923 |
| vs | 0.6640389 | -0.8108118 | -0.7104159 | -0.7230967 | 0.44027846 | -0.5549157 | 0.74453544 | 1.0000000 | 0.16834512 | 0.2060233 | -0.56960714 |
| am | 0.5998324 | -0.5226070 | -0.5912270 | -0.2432043 | 0.71271113 | -0.6924953 | -0.22986086 | 0.1683451 | 1.00000000 | 0.7940588 | 0.05753435 |
| gear | 0.4802848 | -0.4926866 | -0.5555692 | -0.1257043 | 0.69961013 | -0.5832870 | -0.21268223 | 0.2060233 | 0.79405876 | 1.0000000 | 0.27407284 |
| carb | -0.5509251 | 0.5269883 | 0.3949769 | 0.7498125 | -0.09078980 | 0.4276059 | -0.65624923 | -0.5696071 | 0.05753435 | 0.2740728 | 1.00000000 |

## Another example

iris dataset

| Sepal.Length | Sepal.Width | Petal.Length | Petal.Width | Species |
| --- | --- | --- | --- | --- |
| 5.1 | 3.5 | 1.4 | 0.2 | setosa |
| 4.9 | 3.0 | 1.4 | 0.2 | setosa |
| 4.7 | 3.2 | 1.3 | 0.2 | setosa |
| 4.6 | 3.1 | 1.5 | 0.2 | setosa |
| 5.0 | 3.6 | 1.4 | 0.2 | setosa |
| 5.4 | 3.9 | 1.7 | 0.4 | setosa |

## flextable - demo as\_grouped\_data

mean of carbon dioxide uptake in grass plants

| **Concentration** | **Quebec** | **Mississippi** |
| --- | --- | --- |
| **Treatment: nonchilled** | | |
| 95 | 15.26667 | 11.30000 |
| 175 | 30.03333 | 20.20000 |
| 250 | 37.40000 | 27.53333 |
| 350 | 40.36667 | 29.90000 |
| 500 | 39.60000 | 30.60000 |
| 675 | 41.50000 | 30.53333 |
| 1000 | 43.16667 | 31.60000 |
| **Treatment: chilled** | | |
| 95 | 12.86667 | 9.60000 |
| 175 | 24.13333 | 14.76667 |
| 250 | 34.46667 | 16.10000 |
| 350 | 35.80000 | 16.60000 |
| 500 | 36.66667 | 16.63333 |
| 675 | 37.50000 | 18.26667 |
| 1000 | 40.83333 | 18.73333 |
| dataset CO2 has been used for this flextable | | |