

SAS in PDF documents

2022-09-08

SAS Listing Output

You can include SAS listing output in a PDF document in the usual way.

Specify

```
```{sas listing}
proc means data=sashelp.class;
run;
```
```

to see

```
proc means data=sashelp.class;
run;
```

The MEANS Procedure

| Variable | N | Mean | Std Dev | Minimum | Maximum |
|----------|----|-------------|------------|------------|-------------|
| Age | 19 | 13.3157895 | 1.4926722 | 11.0000000 | 16.0000000 |
| Height | 19 | 62.3368421 | 5.1270752 | 51.3000000 | 72.0000000 |
| Weight | 19 | 100.0263158 | 22.7739335 | 50.5000000 | 150.0000000 |

SAS TeX Output

To include SAS LaTeX output in the ordinary document markdown (to be converted to a PDF), use the `saspdf` engine.

You also need to include an extra LaTeX package, “longtable” in your document YAML:

```
---
output:
  pdf_document:
    extra_dependencies: ["longtable"]
---
```

Specify

```
```{saspdf latex}
proc corr data=sashelp.class plots=matrix;
run;
```
```

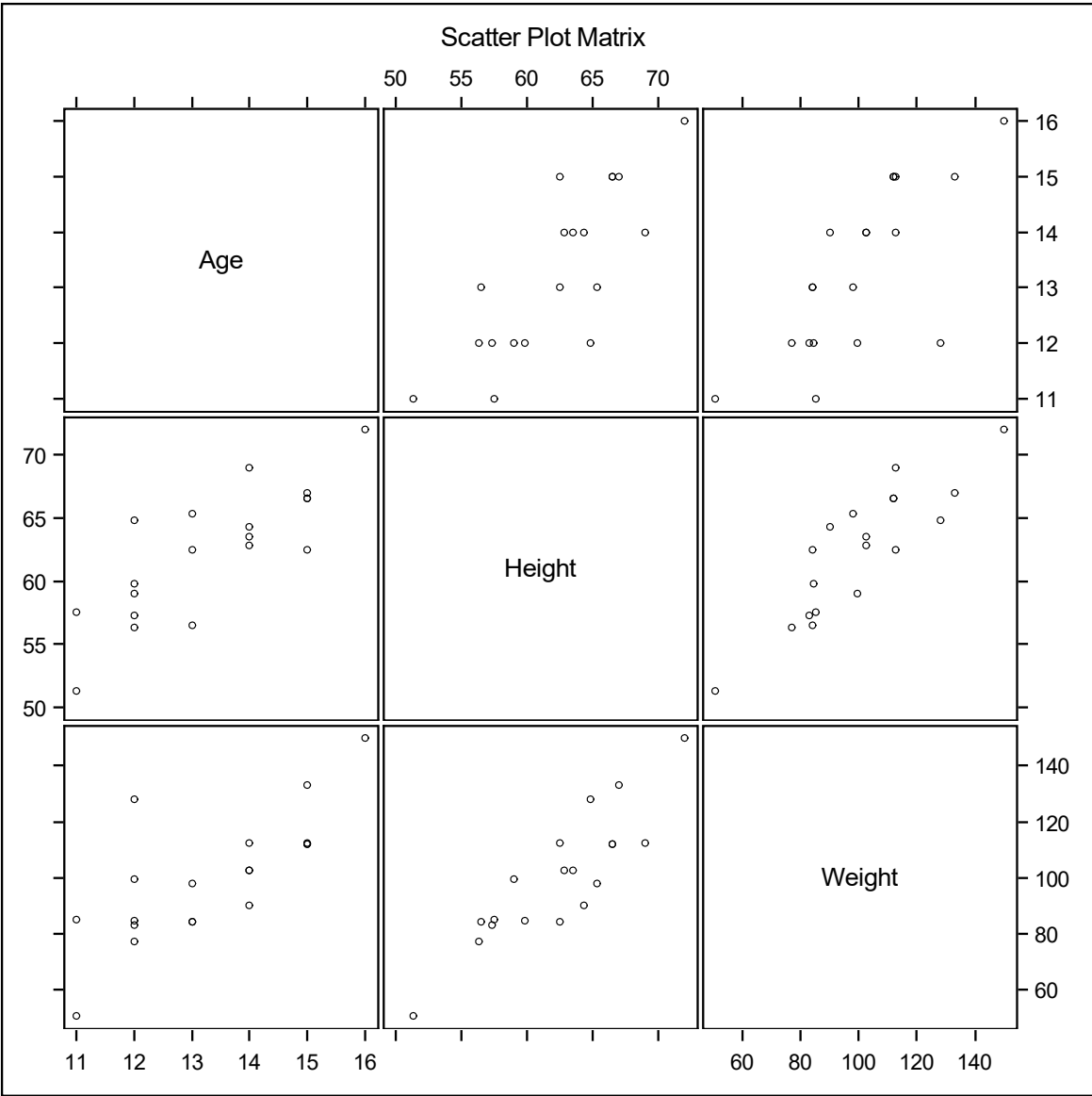
to see

```
proc corr data=sashelp.class plots=matrix;
run;
```

| | |
|--------------|-------------------|
| 3 Variables: | Age Height Weight |
|--------------|-------------------|

| Simple Statistics | | | | | | |
|-------------------|----|-----------|----------|-----------|----------|-----------|
| Variable | N | Mean | Std Dev | Sum | Minimum | Maximum |
| Age | 19 | 13.31579 | 1.49267 | 253.00000 | 11.00000 | 16.00000 |
| Height | 19 | 62.33684 | 5.12708 | 1184 | 51.30000 | 72.00000 |
| Weight | 19 | 100.02632 | 22.77393 | 1901 | 50.50000 | 150.00000 |

| Pearson Correlation Coefficients, N = 19 Prob > r under H0: Rho=0 | | | | | | |
|---|---------|---------|---------|--------|---------|---------|
| | Age | Height | Weight | PAGE | PHeight | PWeight |
| Age | 1.00000 | 0.81143 | 0.74089 | | <.0001 | 0.0003 |
| Height | 0.81143 | 1.00000 | 0.87779 | <.0001 | | <.0001 |
| Weight | 0.74089 | 0.87779 | 1.00000 | 0.0003 | <.0001 | |



Graphics can be incorporated into your final PDF document, but note that you cannot include cleanup code to remove the graphics files in your document: you can only delete it *after* the PDF has been produced.