

Exporting Files (v2.0)

Know your file types:

Vector File Types Bitmap File Types

.svg	.png
.eps	.jpg / .jpeg
.pdf	.gif
.ai	.bmp
	.tif / .tiff

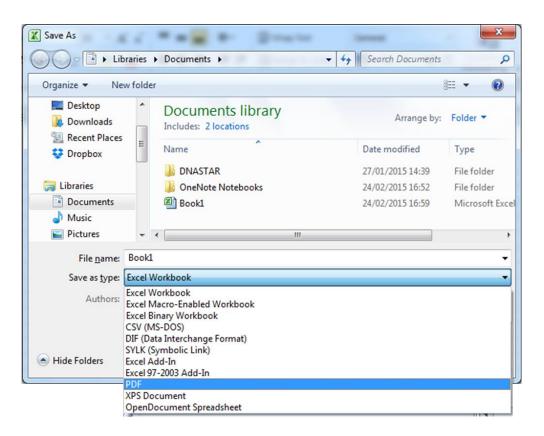
Choosing between vectors and bitmaps

Broadly speaking, vectors should be used for anything that has been generated by a computer – typically graphs, illustrations and text. Figure components that have been generated by a camera such as microscopy images or blot photos should be kept as bitmaps.

Vectors have another trick up their sleeve too – bitmap images can be *embedded within* a vector image. This is how all publication figures should be created: vector graphics for assembly and annotation of figure panels with any bitmap images embedded within.

Exporting vector files from common programs

Excel - Move/copy your plot to its own worksheet, then File > Save As and choose PDF file format

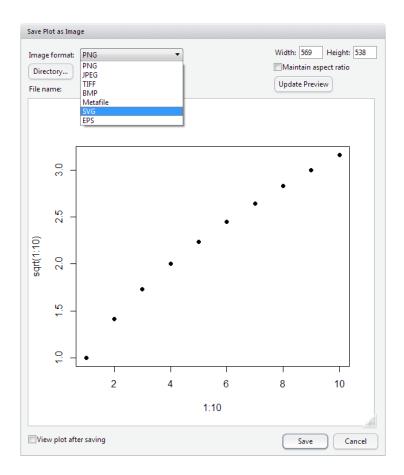


R / RStudio – Plots can be saved as SVG files

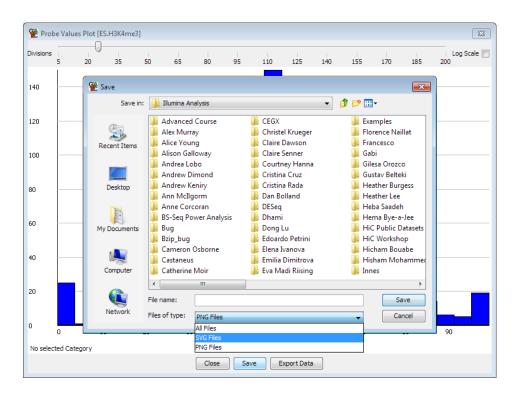
R:

```
setwd("D:/")
svg(filename = "my_plot.svg",width=5,height=5)
plot(1:10,sqrt(1:10),pch=19)
dev.off()
```

RStudio:



SeqMonk – Choose SVG as the File Format when saving plots



		EMF	Enhanced Metafile
		EMF	Enhanced Metafile
		EMF EMF+	Enhanced Metafile plus
		WMF	Windows Metafile
Exporting (ontiona	PDF	Portable Document Format
Backgrour	-	EPS TIF	Encapsulated PostScript Tagged Image File
-		JPG	JPEG File Interchange Format
Resolution		PNG	Portable Network Graphics
Color Mod	el:	BMP PCX	Windows Bitmap Bitmap. Zsoft Paintbrush
Size:			cm. V
Export text	: as:	Text	EPS text can be edited. Font files required to view the EPS file.
		Outlines	EPS text cannot be edited. No fonts are required to view file.
Compressi	on:	LZW (Rec	commended.)
Where to e	export		
Export	Each selected graph/layout to its own file		
File name:	Browse		
Folder:	C:\Users\segondsa\Documents Select		
	Open this folder after exporting		
Defaults			
📃 Make t	hese optior	ns become the	e defaults (except for folder, which is set in preferences)
Restore	the origina	l defaults	
	-		

GraphPad Prism – File > Export As, and choose PDF as the File Format

FlowJo -Choose SVG as the File Format when saving plots

Layout Editor File	Edit Object
P	
Print Edit Header / Footer	Save Image ∽
	PNG JPG ♪△C
in 0 1	GIF
	EMF
	PDF
250K -	SVG
	100 A. 100 A.