

SOFTWARE

# MACOS PAGES GETTING LINE NUMBERS

14.04.2024

Mayn journals requiring consecutive line numbering which is not a problem with MS Word, Open Office or LaTeX but with Pages.

Maybe it is possible to add a new background to PDF? Acrobat can do it (which I would not recommend), there is some [crazy script out there](#) (that did not work as well as ). My initial solution

```
pandoc -s input.rtf -o output.tex --template=header_template.tex |  
pdflatex -output-directory=output_directory
```

with the header\_template.tex containing

```
---  
header-includes:  
- \usepackage[left]{lineno}  
- \linenumbers  
- \modulolinenumbers[5]  
---
```

did not work as pandoc cannot read the rather complex rtf format produced by Pages. Also the next try with rtf2latex2e looked terrible, so I went back to RTF export in Libre Office where I corrected the few Math formulas that were not recognized correctly.

Another option would have been Google Docs - they introduced line numbering recently which is probably the fastest and easiest way to do that.

135 standard formula (George et al., 2020, #272676).

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	HAYFEVER	NO HAYFEVER	
FARM	$\pi_{11}$	$\pi_{12}$	$\pi_{1+}$ (rowsum)
NO FARM	$\pi_{21}$	$\pi_{22}$	$\pi_{2+}$ (rowsum)
	$\pi_{+1}$ (colsum)	$\pi_{+2}$ (colsum)	

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$$OR = \frac{\pi_{11} \pi_{22}}{\pi_{21} \pi_{12}} \quad \text{and} \quad RR = \frac{\left(\frac{\pi_{11}}{\pi_{1+} \pi_{+1}}\right)}{\left(\frac{\pi_{21}}{\pi_{2+} \pi_{+1}}\right)}$$

140 If a study reports only odds ratios and some marginal but not cell frequencies, the

141 Bonett method was used to reconstruct the frequencies (Bonett, 2007, #137486) who

142 showed that the tetrachloric correlation can be computed by

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$$\pi_{11} = \frac{a-b}{2(OR-1)}, \quad \pi_{12} = \pi_{1+} - \pi_{11}, \quad \pi_{21} = \pi_{+1} - \pi_{11} \quad \text{and} \quad \pi_{22} = \pi_{2+} - \pi_{12}$$

Whenever it comes to more than one formula, it would be even better to move from Pages to [Overleaf](#) (online) or [Texifier](#) (local).