



The
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Modelling the impact of deep brain stimulation on the basal ganglia output to the thalamus

Degree: MSc Cognitive & Computational Neuroscience

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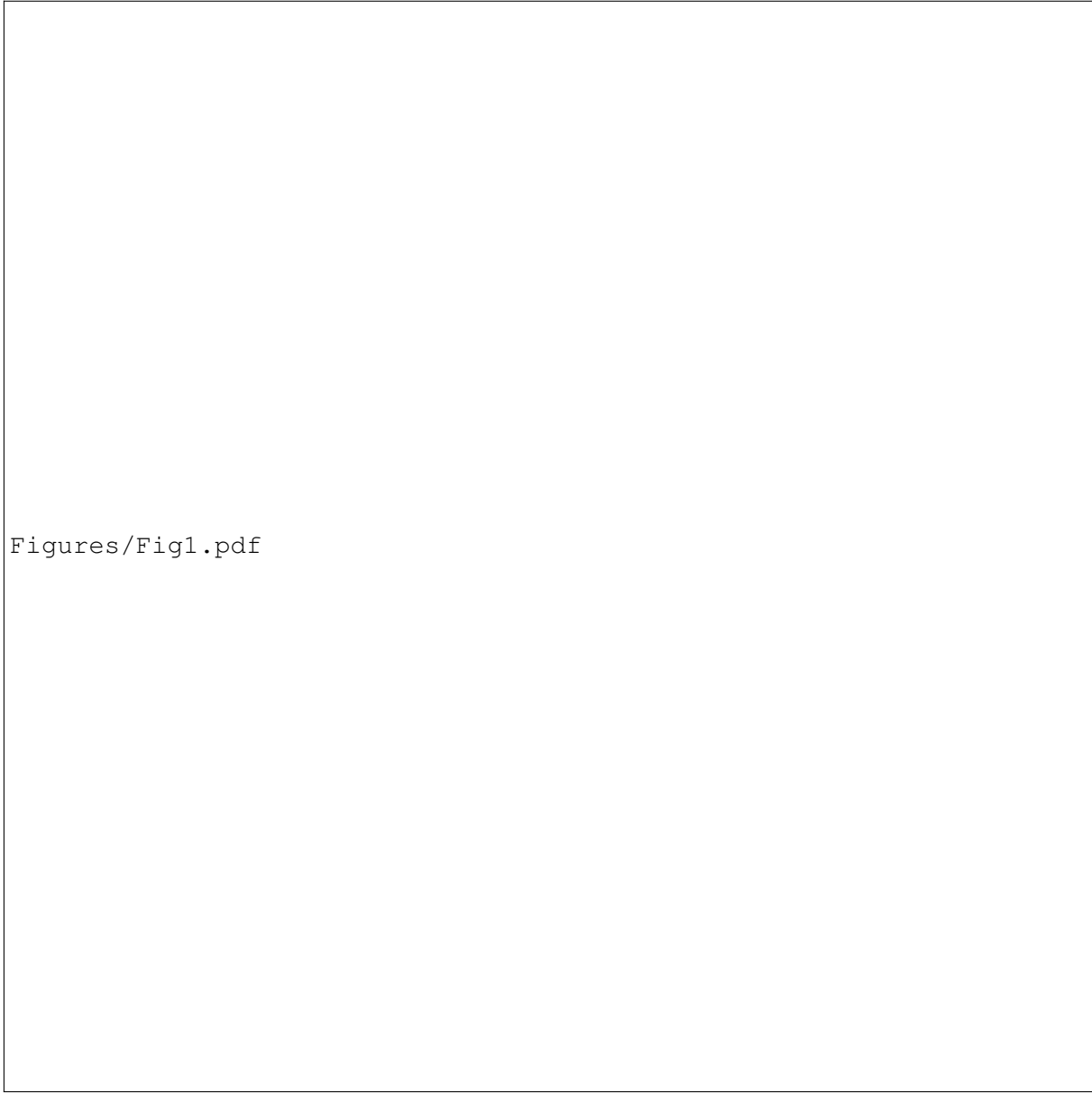
Abstract

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1 Introduction

Parkinson's disease (PD) is a age-related progressive neurodegenerative disorder known for its share of the elderly population affected by it(1). The disease is characterised for its most notorious pathology: the selective degenerative death of dopaminergic neurons in the substantia nigra pars compacta (SNpc)(?)..



Figures/Fig1.pdf

Figure 1. *Title of Figure.* Caption of figure. If you are going to label the panels use bold font size 10-12 arial, and then refer to each in the caption as follows. **A** Description of the first panel of the figure. **B** Description of the second panel of the figure. And so on. Make sure that all axes are labelled clearly, and try to use large text for the lettering as in this example to make your plots instantly understandable.

5 **2 Methods**

Here is a methods section. This could alternatively be titled as ‘Models’ if you prefer.

2.1 Subsection heading

Here is a subsection of the Methods, with an equation included as an example;

$$\log(y) = mx + c \tag{1}$$

where y is something.

10 **3 Results**

You are likely to want to use sub-headings for the results section too.

4 Discussion

Discussion text. A separate conclusions section is optional.

References

- 15 [1] Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015 (2016). Lancet; 388: 1545–602.