TITLE OF THE REPORT

SUBTITLE

A PREPRINT

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ABSTRACT

This is the abstract of the report. It can span multiple lines.

Table of contents

1 Introduction

1.1 First subsection

References: Scholl et al. (2022) showed that XXX (Vitay, 2017).

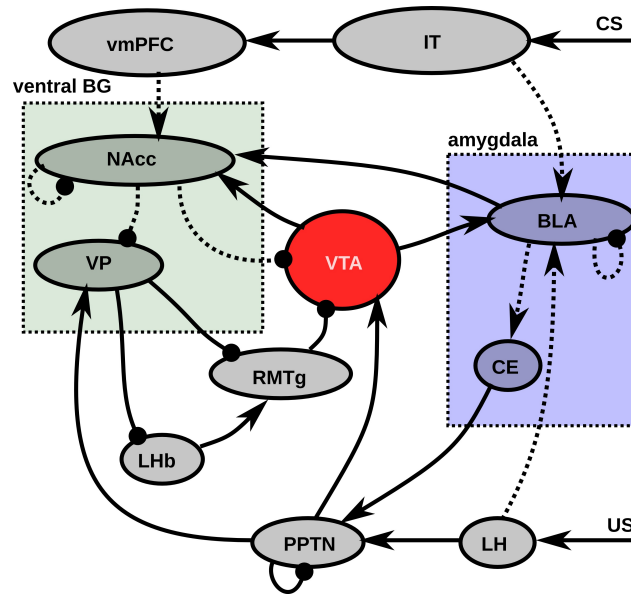See Figure 1 and Section 3.

Equations:

Figure 1: Afferent system to VTA. (Vitay, 2017)

$$\tau \frac{dx_j(t)}{dt} + x_j(t) = \sum_i w_{ij}^{in} r_i^{in}(t) + g \sum_{i \neq j} w_{ij}^{rec} r_i(t)$$

Admonitions:

> **i** Nota Bene
>
> Important information.

Code snippets:

```python
for i in range(10):
    print(i)
```

1.2 Second subsection

https://www.youtube.com/embed/tPgf_btTFlc

2 Material and methods

3 Results

4 Discussion

References

Scholl, C., Baladron, J., Vitay, J., and Hamker, F. H. (2022). Enhanced habit formation in Tourette patients explained by shortcut modulation in a hierarchical cortico-basal ganglia model. *Brain Structure and Function*. doi:10.1007/s00429-021-02446-x.

Vitay, J. (2017). On the role of dopamine in motivated behavior: A neuro-computational approach. Available at: https://julien-vitay.net/publication/vitay2017/.