

# Spherepop in Python: Usage and Development Notes

Flyxion

December 8, 2025

## 1 Installation

From the `python` directory:

```
pip install -e .
```

## 2 Using the REPL

```
python -m spherepop.repl  
spherepop> (a b c)
```

## 3 Future Directions

Add differentiable collapse, integrate with NumPy/JAX, and experiment with geometric encodings of neural layers.