# **Supplementary material**

## 2.1. DCM results shown separately for each patient.

Model evidence for each of the 4 modulatory families:

**Patient 1 Patient 2 Both**

Diagram

Description automatically generated with medium confidenceDiagram

Description automatically generated with medium confidenceDiagram

Description automatically generated with medium confidence

Model evidence for each of the 3 driving input families

**Patient 1 Patient 2 Both**

Diagram

Description automatically generated with medium confidenceDiagram

Description automatically generated with medium confidenceDiagram

Description automatically generated with medium confidence

Model evidence across all 12 models

**Patient 1 Patient 2 Both**

Diagram

Description automatically generated with medium confidence

Diagram

Description automatically generated with medium confidenceDiagram

Description automatically generated with medium confidence

Coupling parameters

**Patient 1 Patient 2 Both**

Diagram

Description automatically generatedDiagram

Description automatically generatedDiagram

Description automatically generated