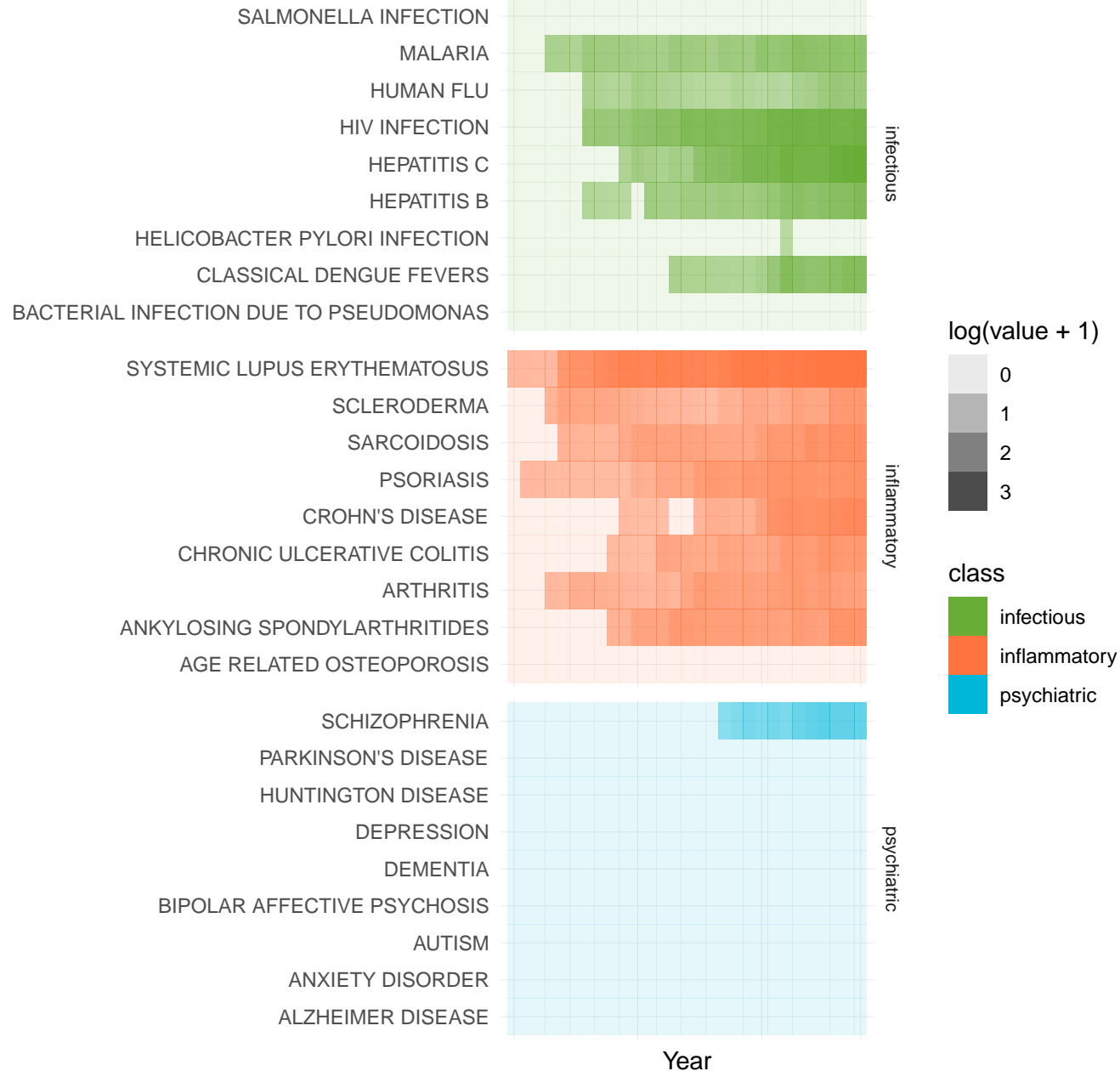


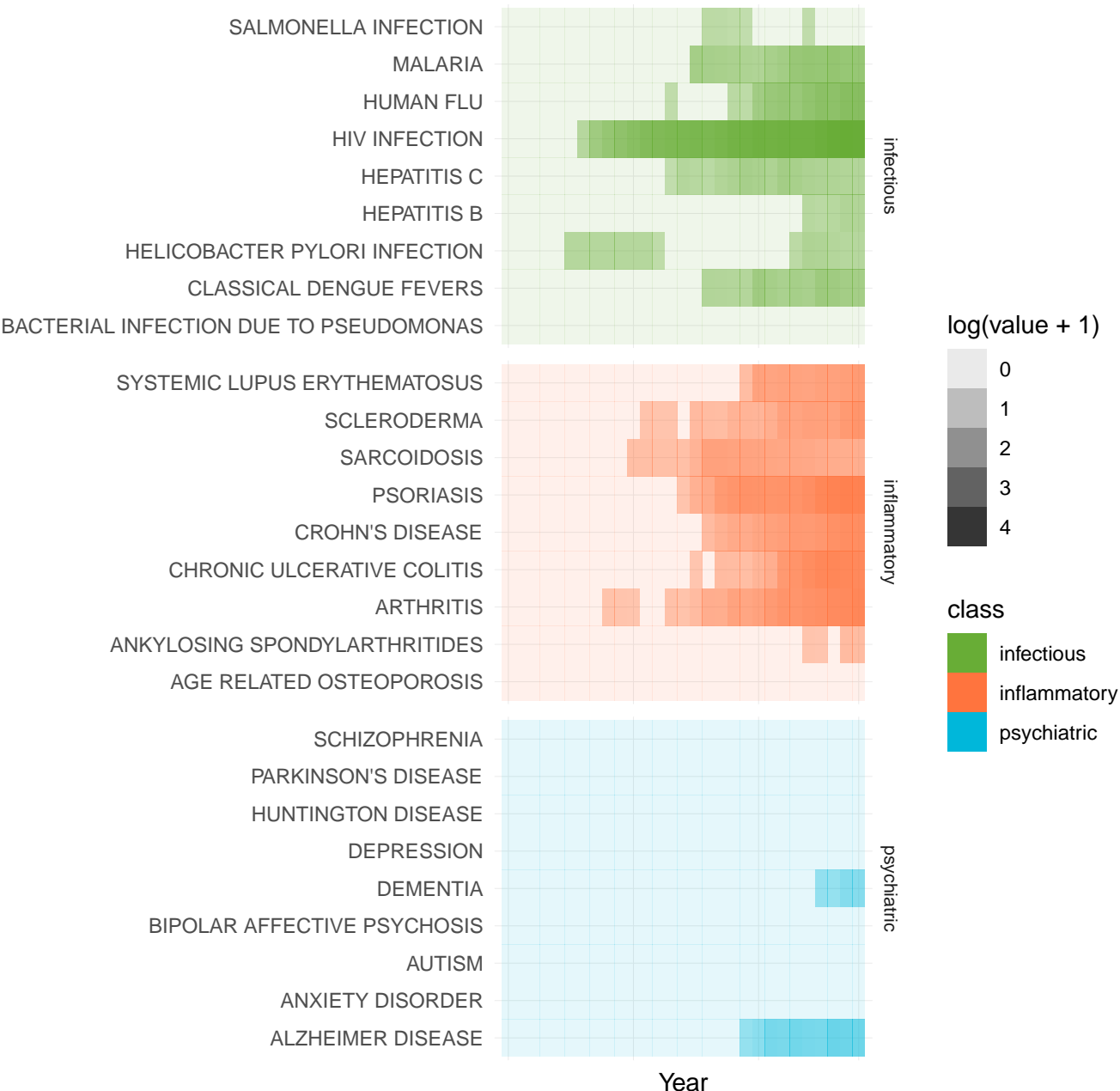
# Interferon gamma signaling

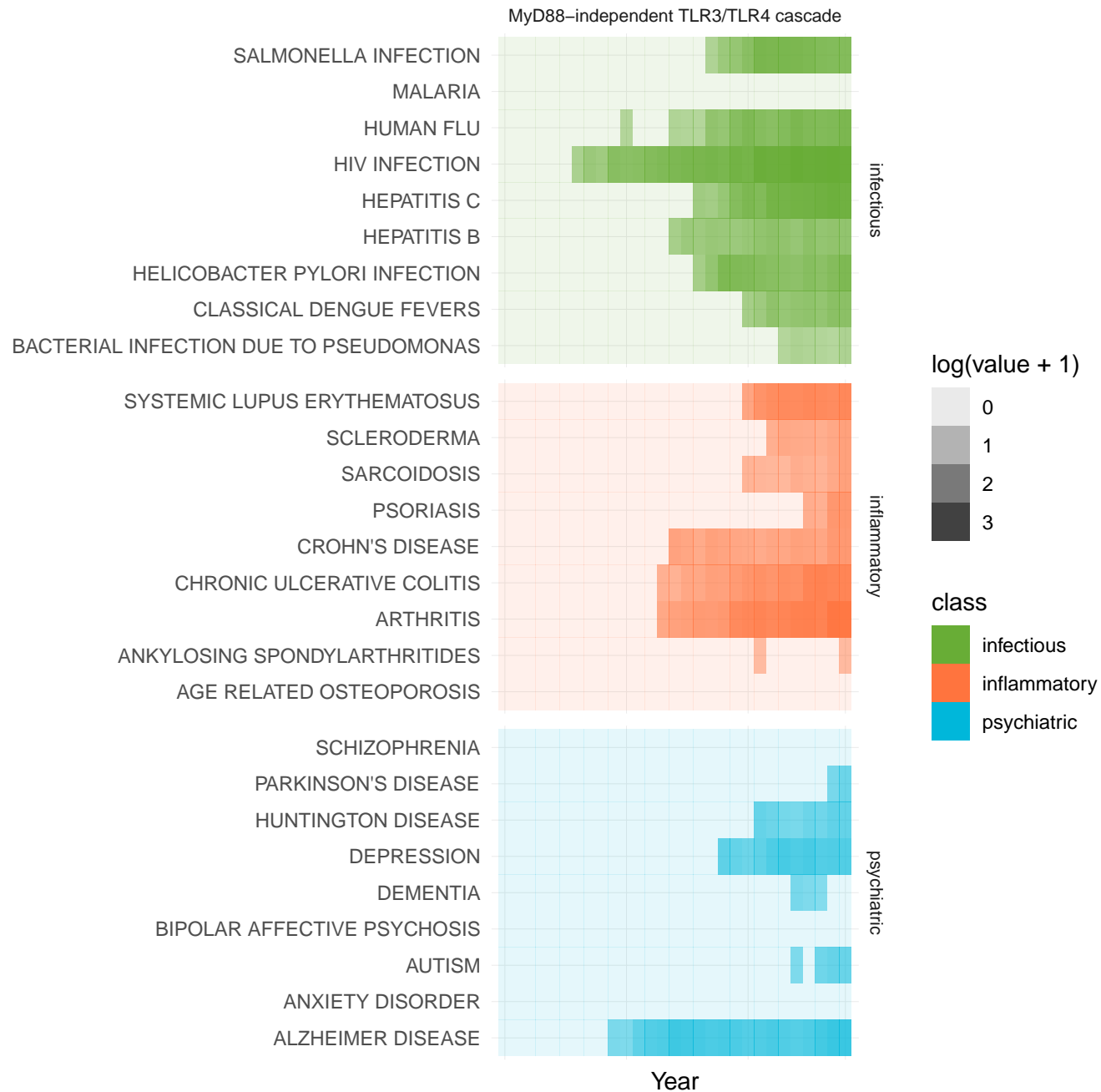


# MDA5 mediated induction of IFN- $\alpha$ /beta pa

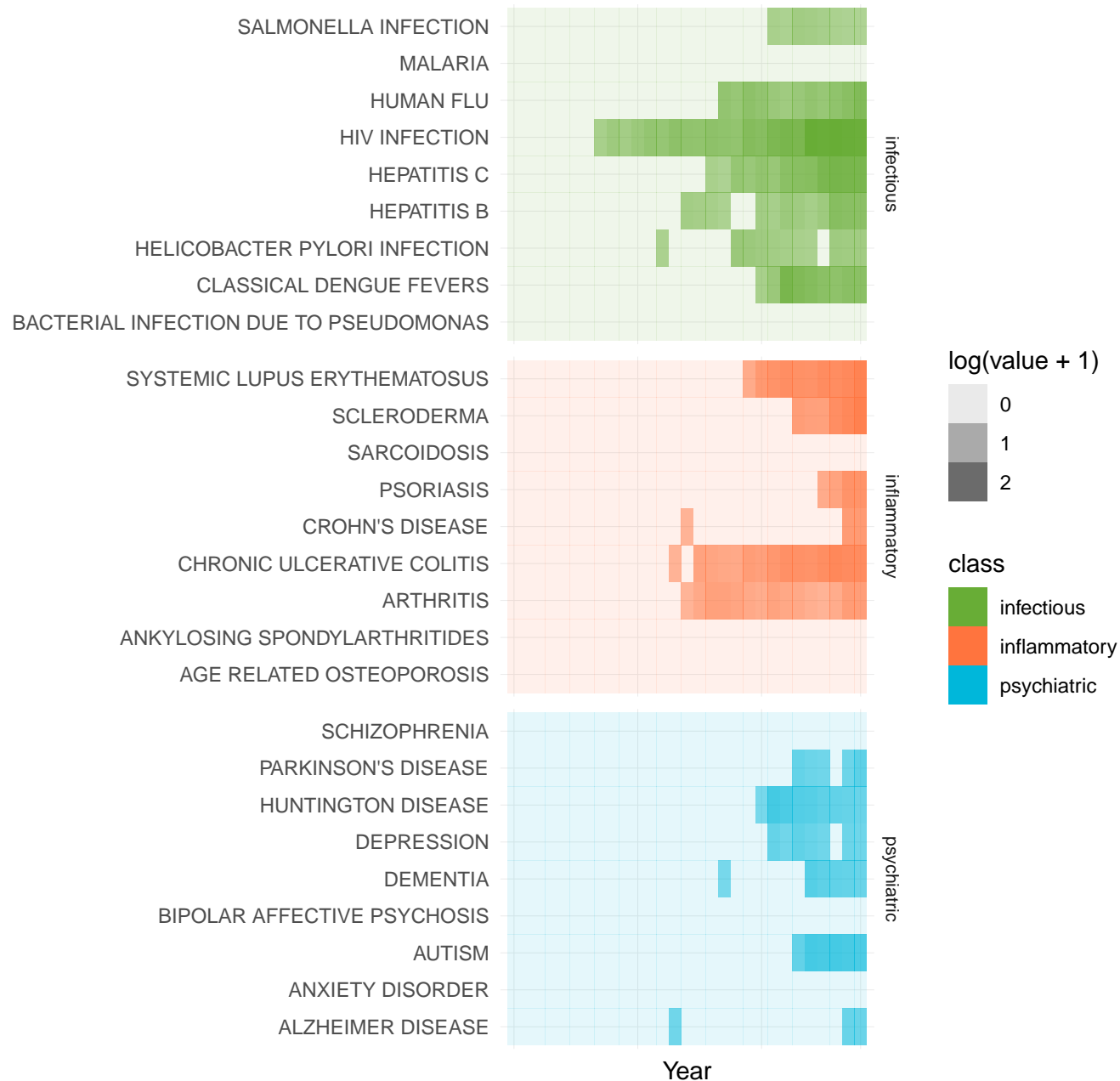


# Chemokine receptors bind chemokines

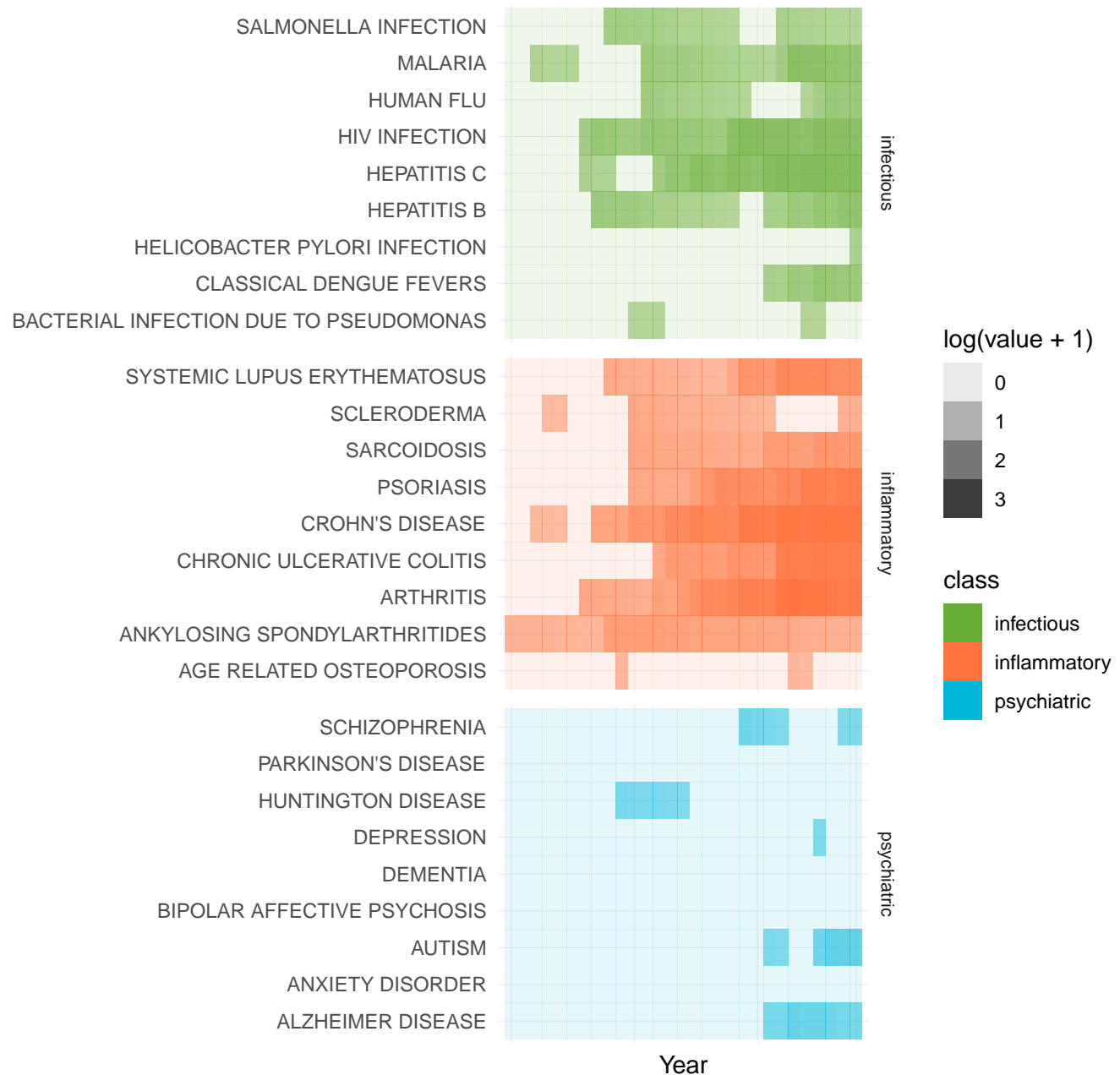




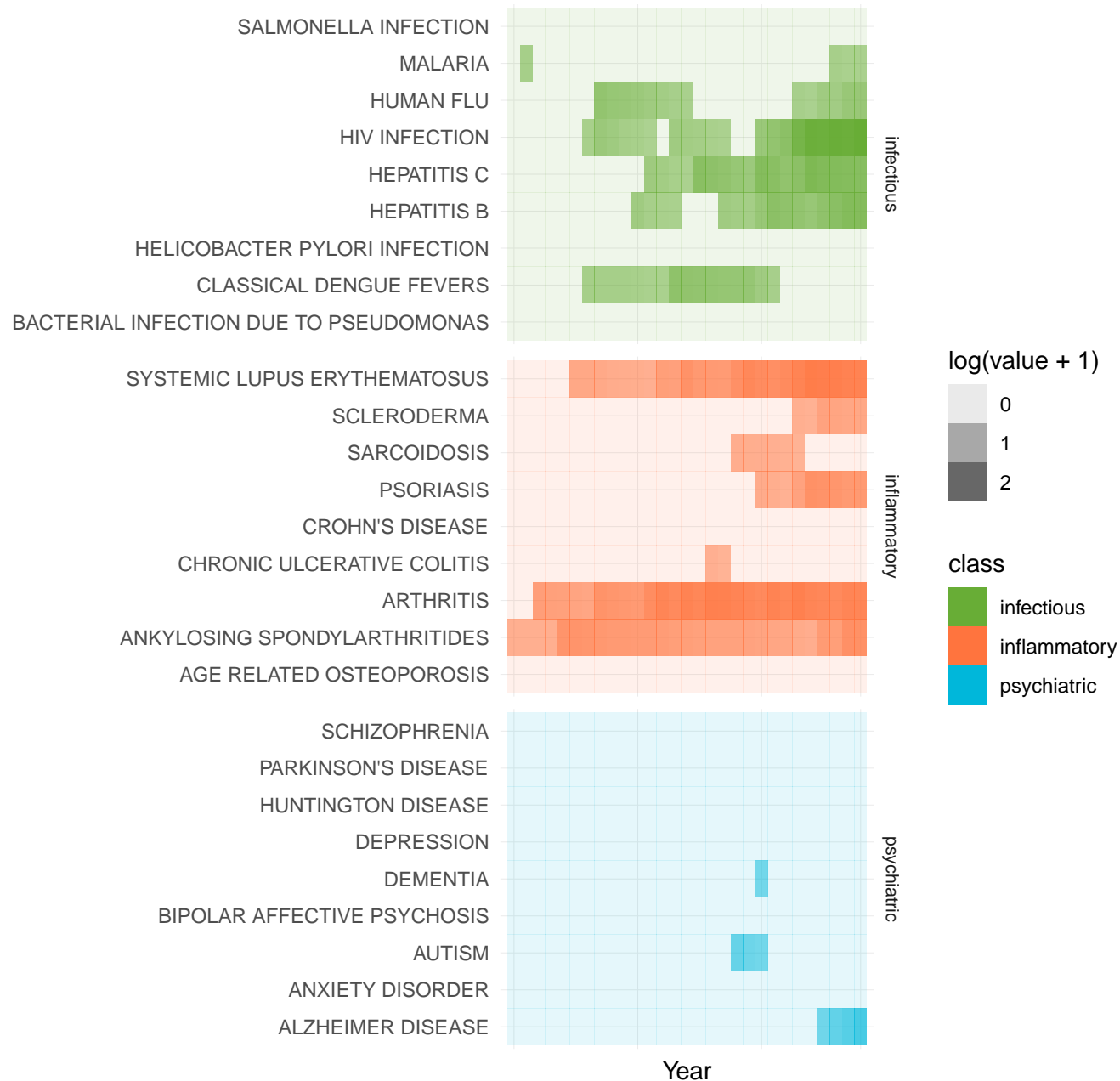
# Cytosolic sensors of pathogen-associated DNA



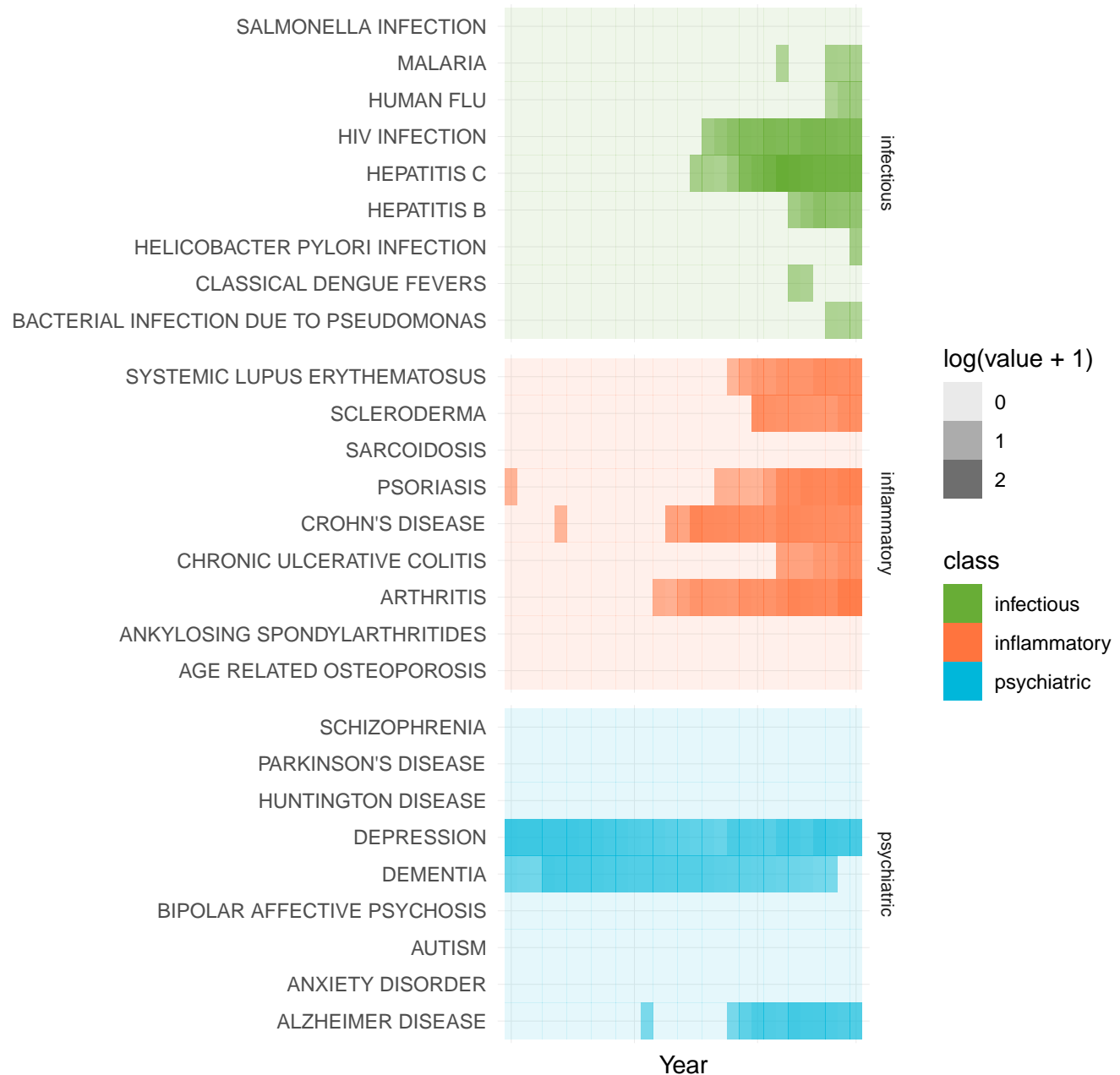
# Interleukin-6 family signaling



# Death Receptor Signalling

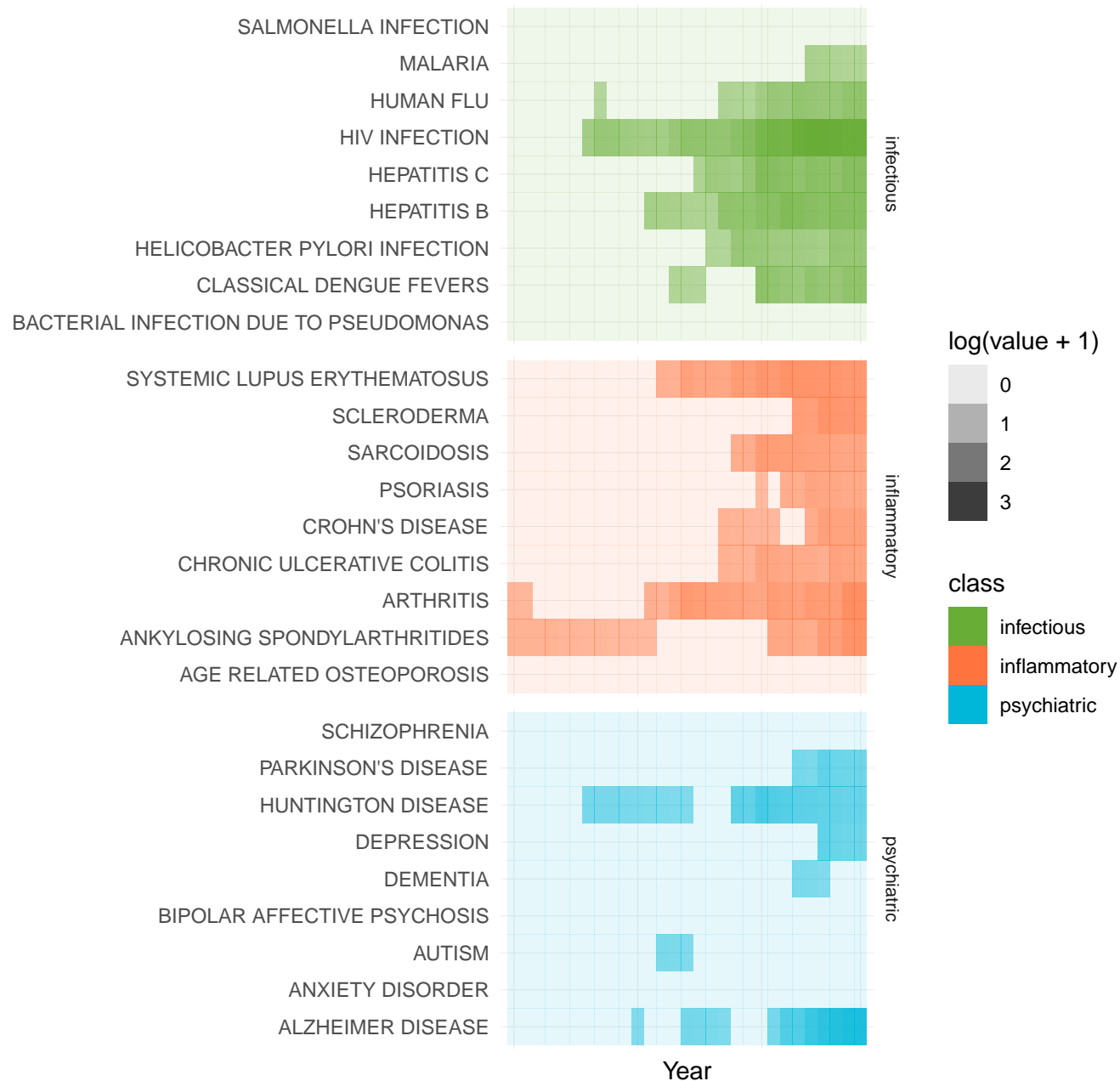


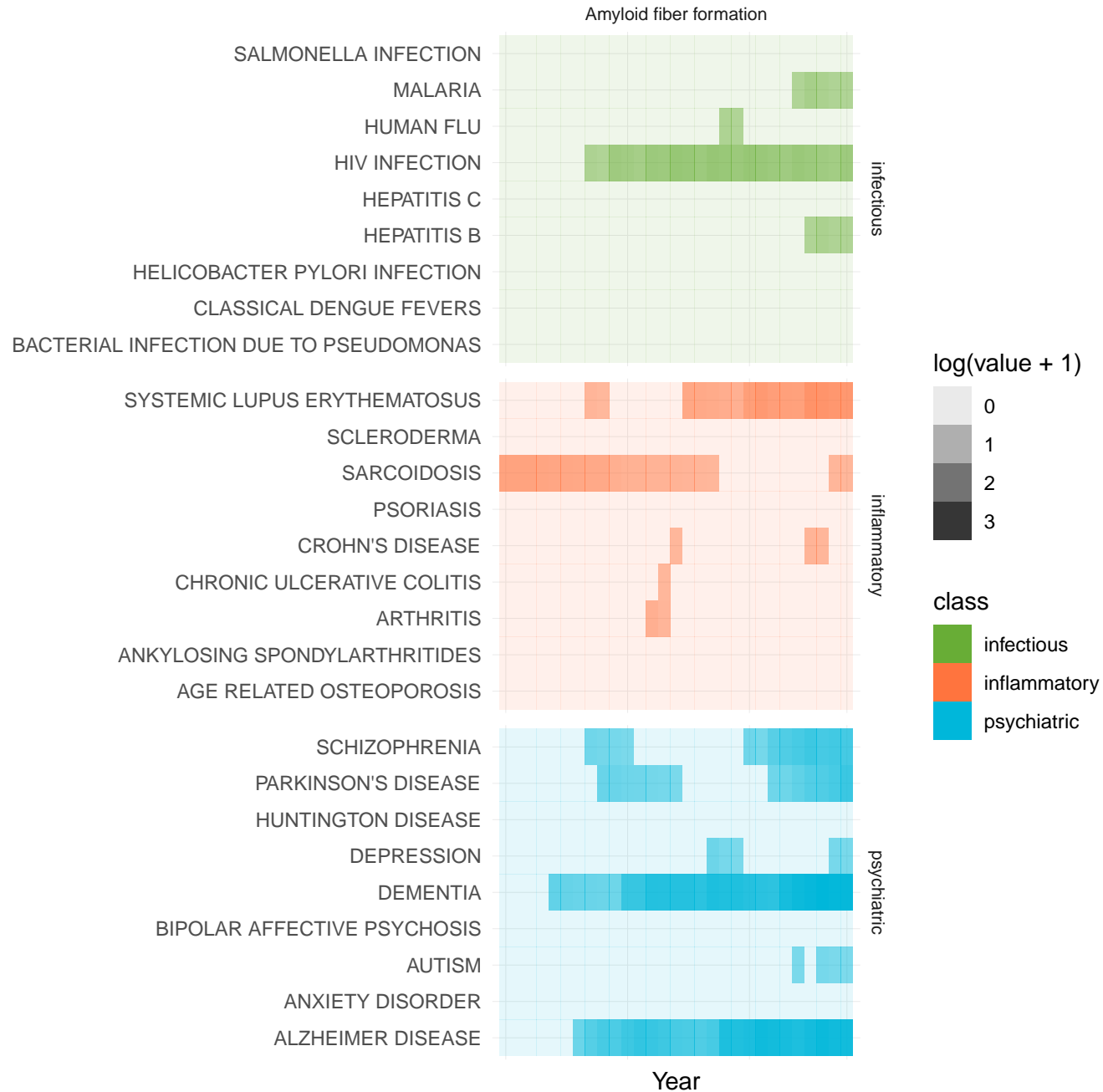
# Growth hormone receptor signaling





ase activation via extrinsic apoptotic signalig pa

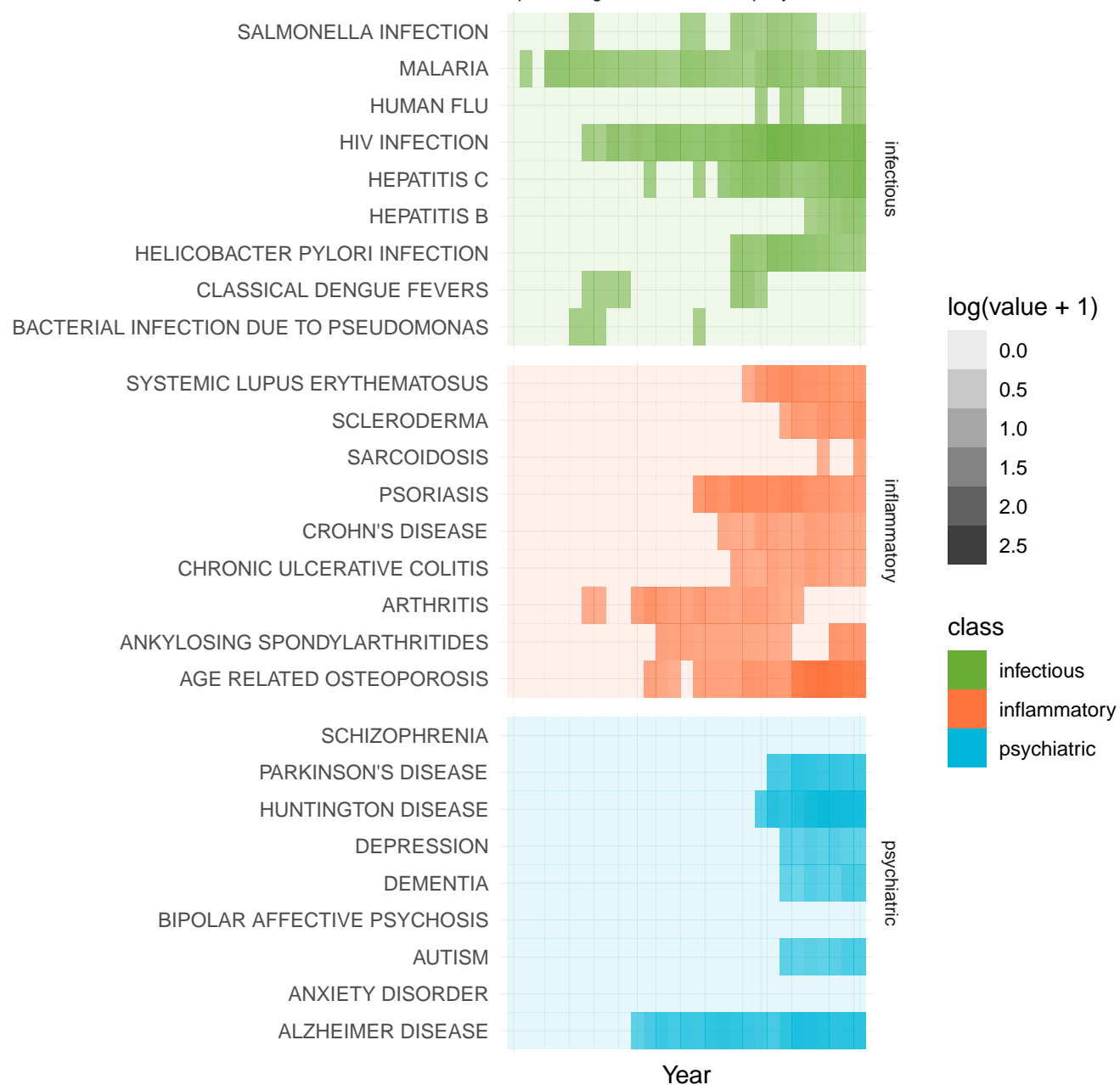




nain, leucine rich repeat containing receptor (N



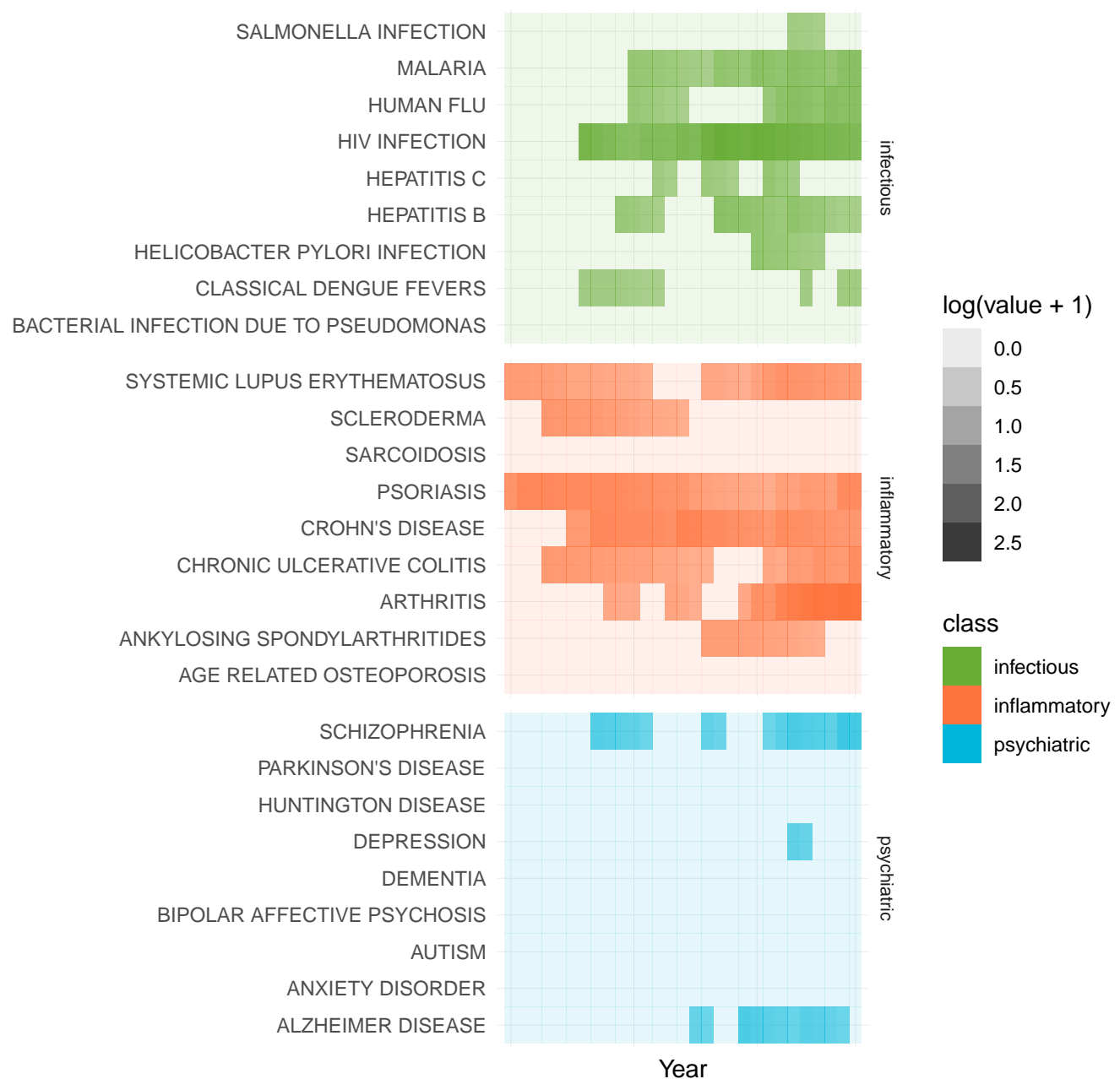




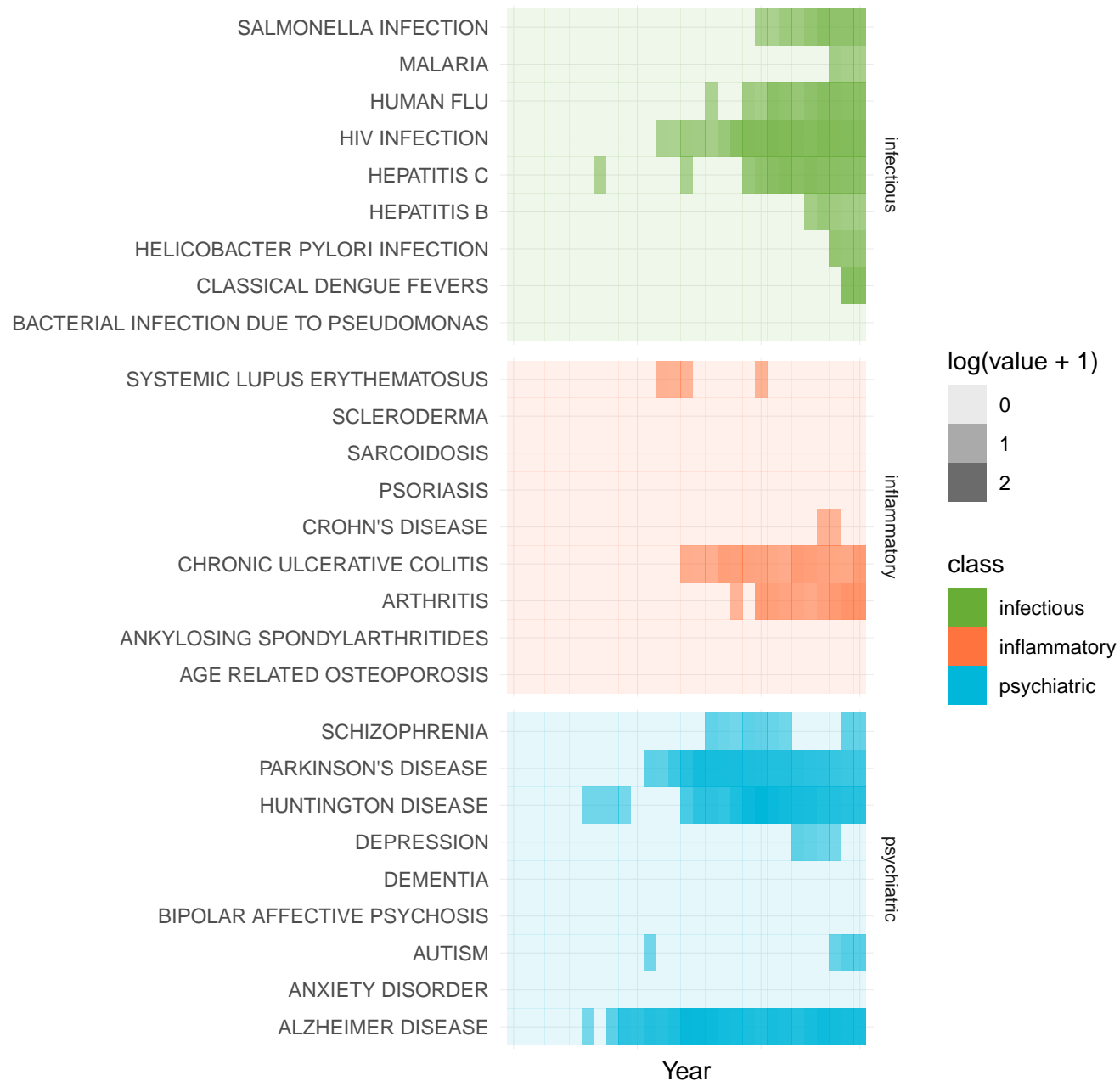
## Apoptotic execution phase



# GPVI-mediated activation cascade

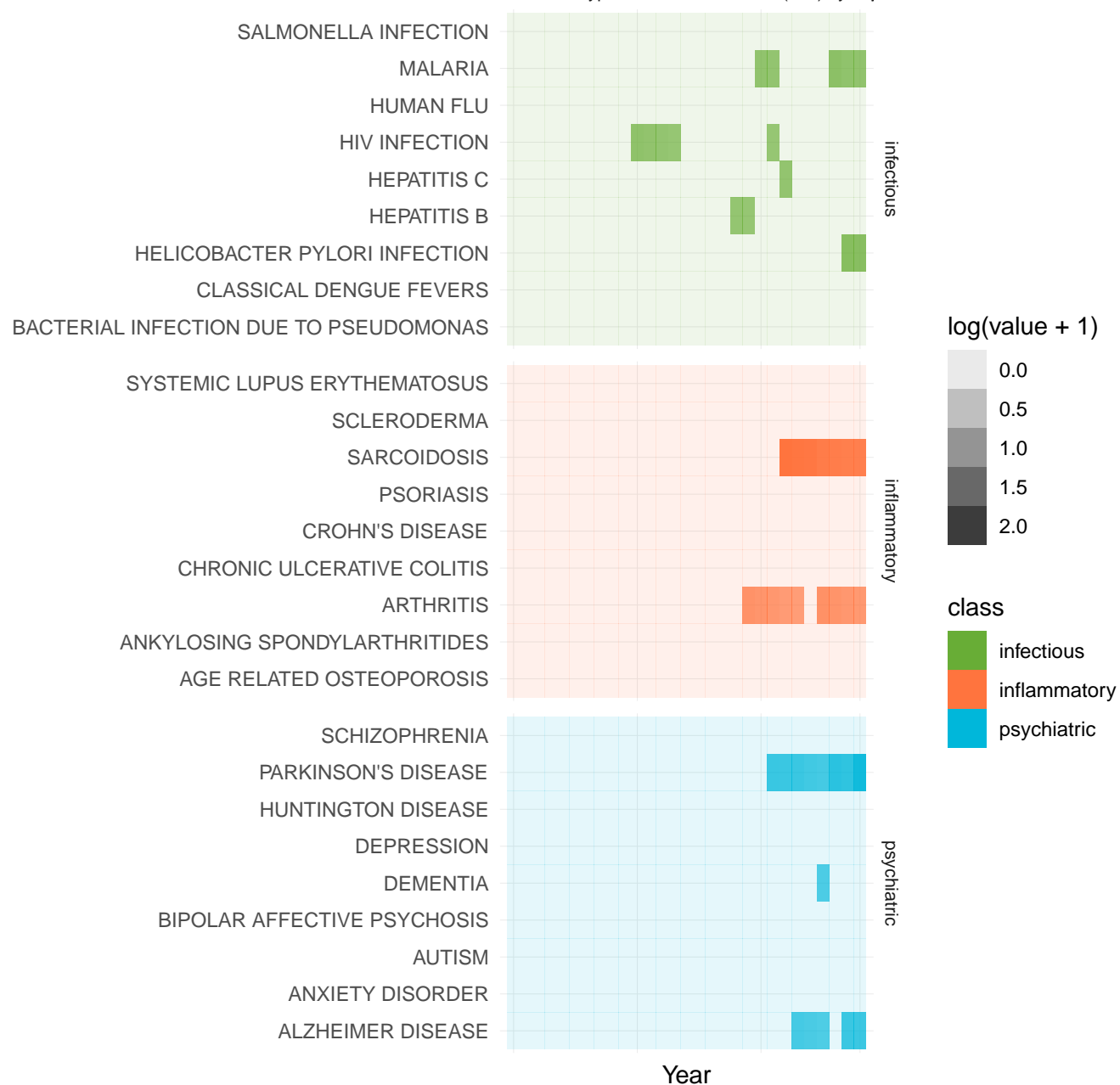


# Intrinsic Pathway for Apoptosis

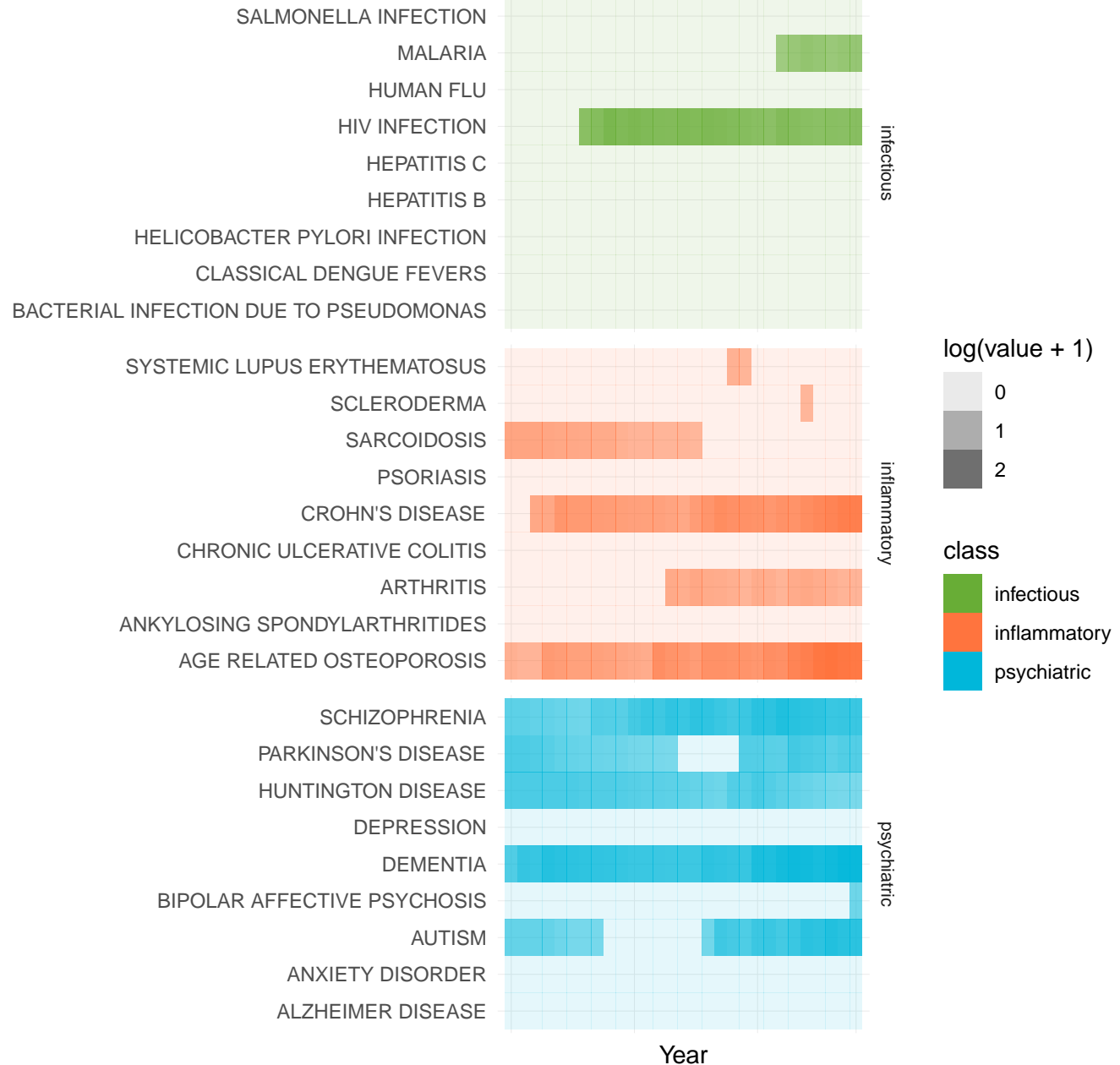




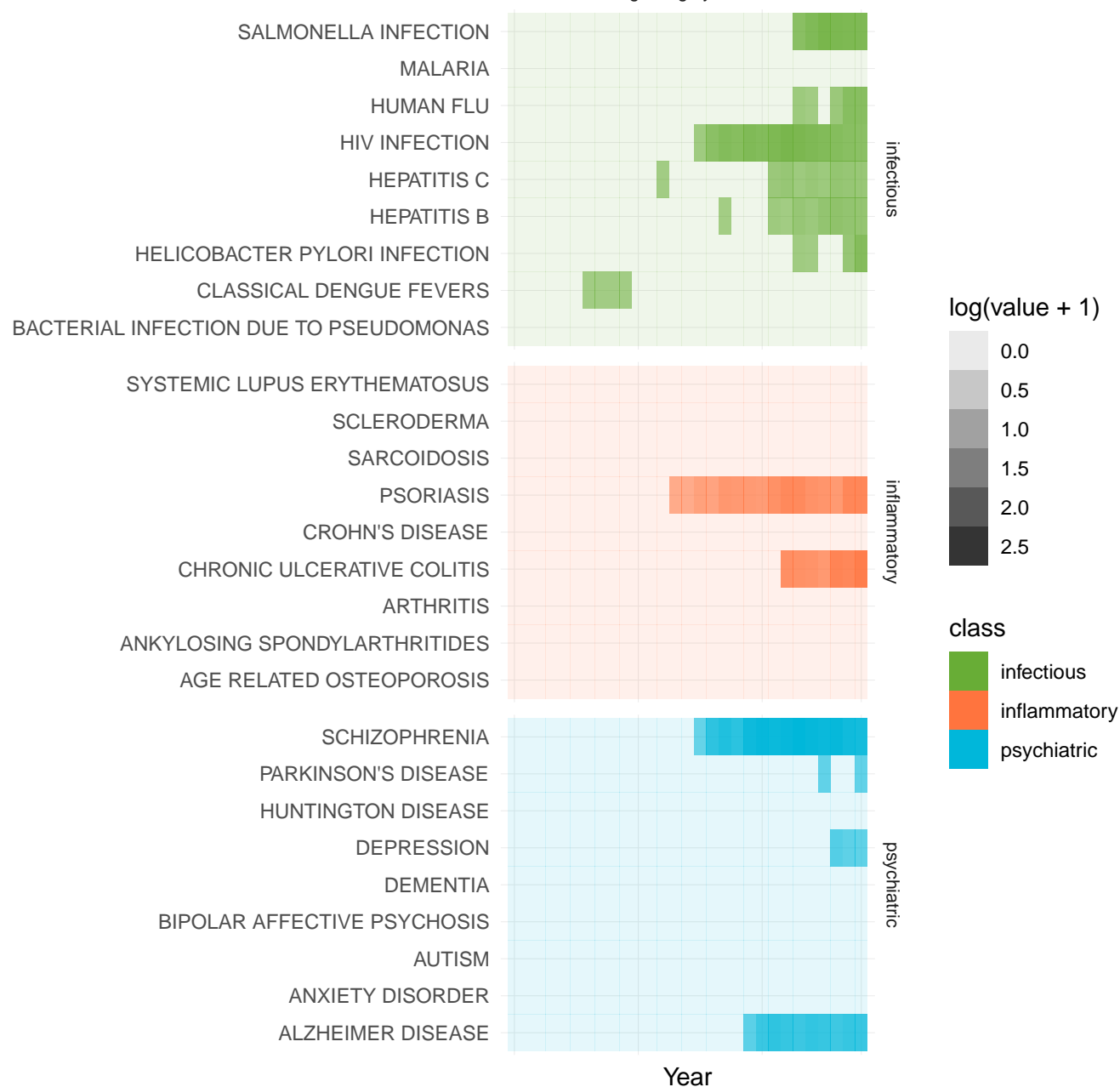
ulation of Hypoxia-inducible Factor (HIF) by ox



# Peptide hormone metabolism



# Signaling by PTK6

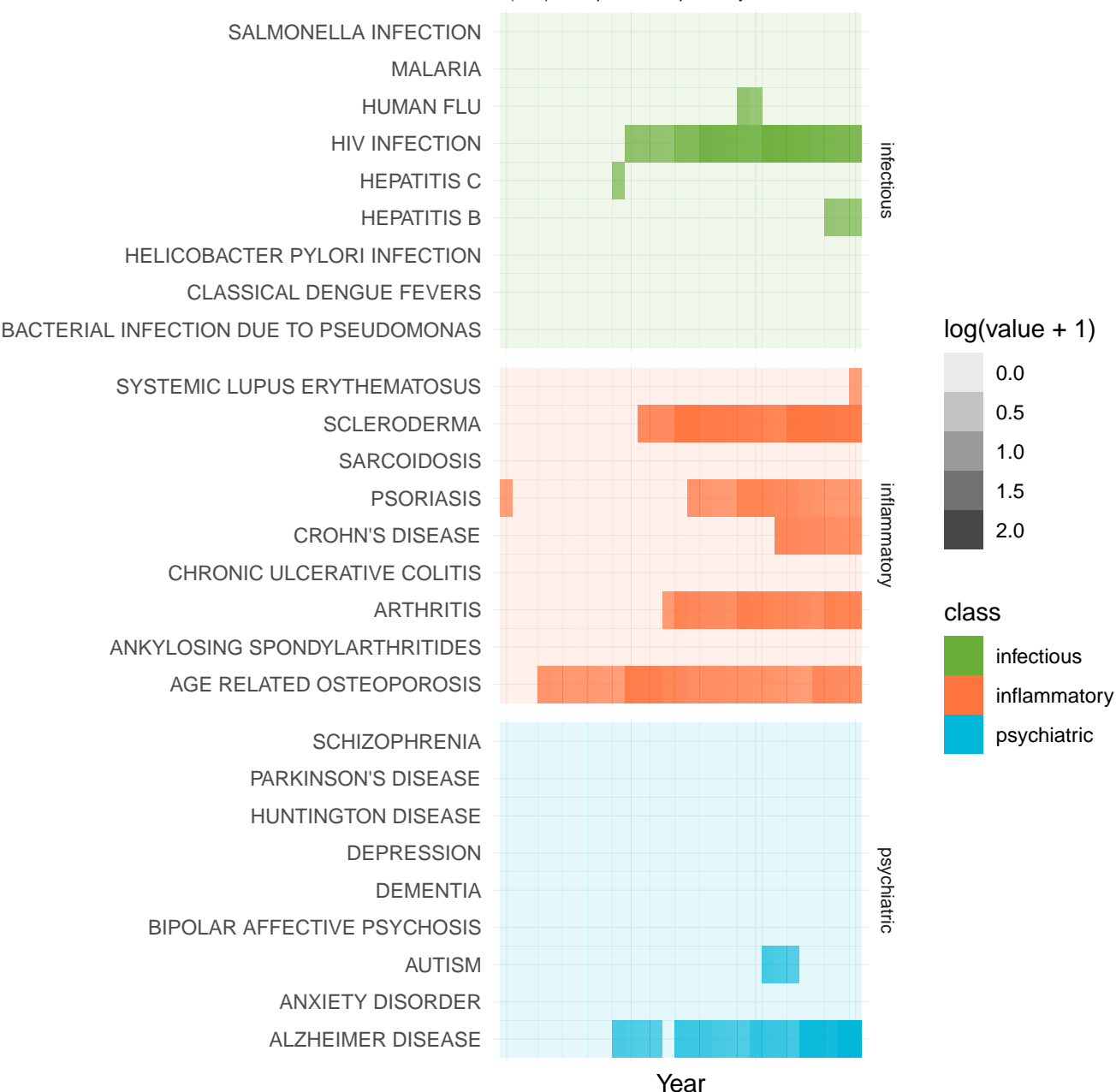




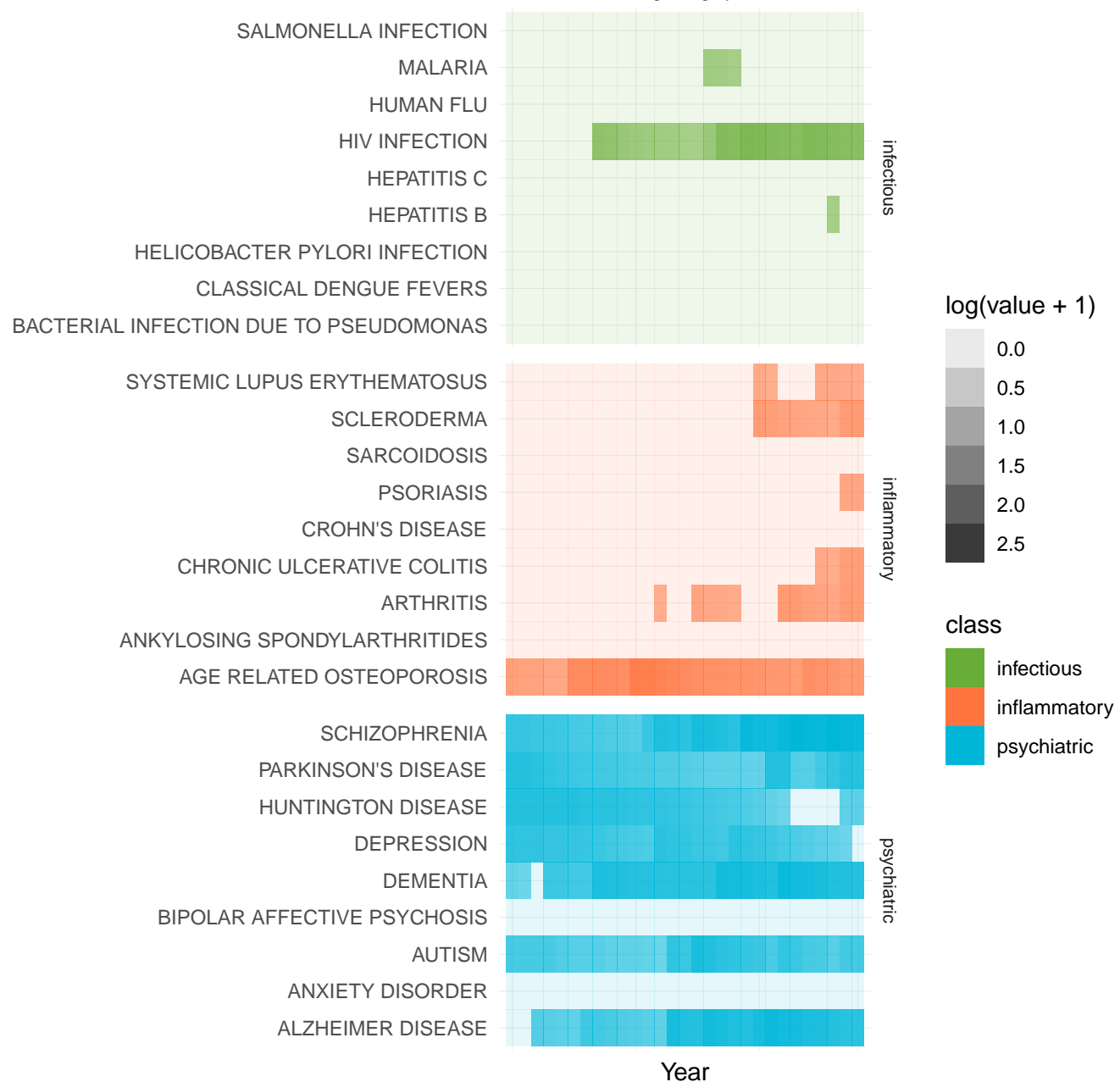
# Detoxification of Reactive Oxygen Species



or (IGF) transport and uptake by Insulin-like Gr



# Nuclear signaling by ERBB4



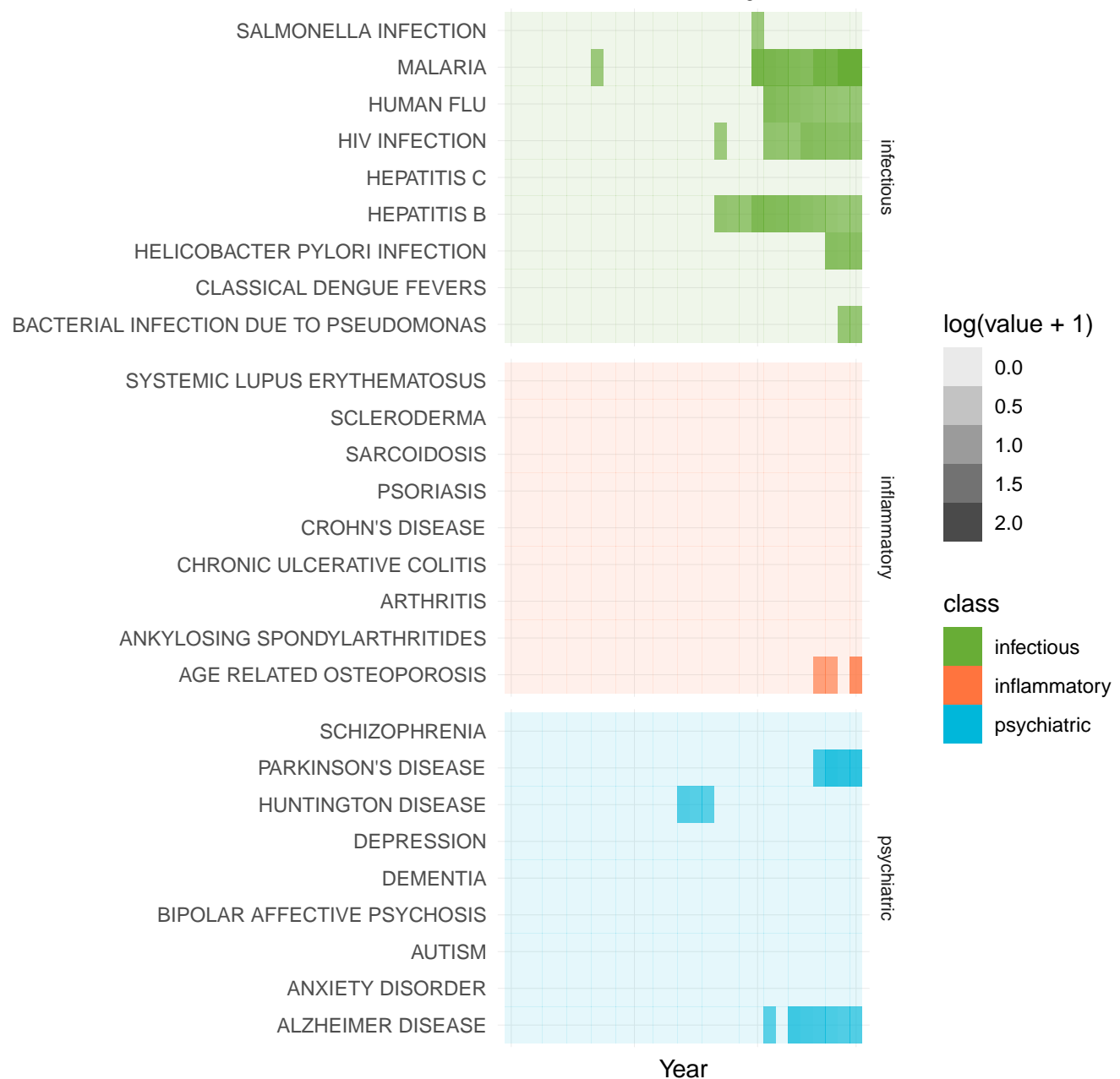
# Oxidative Stress Induced Senescence



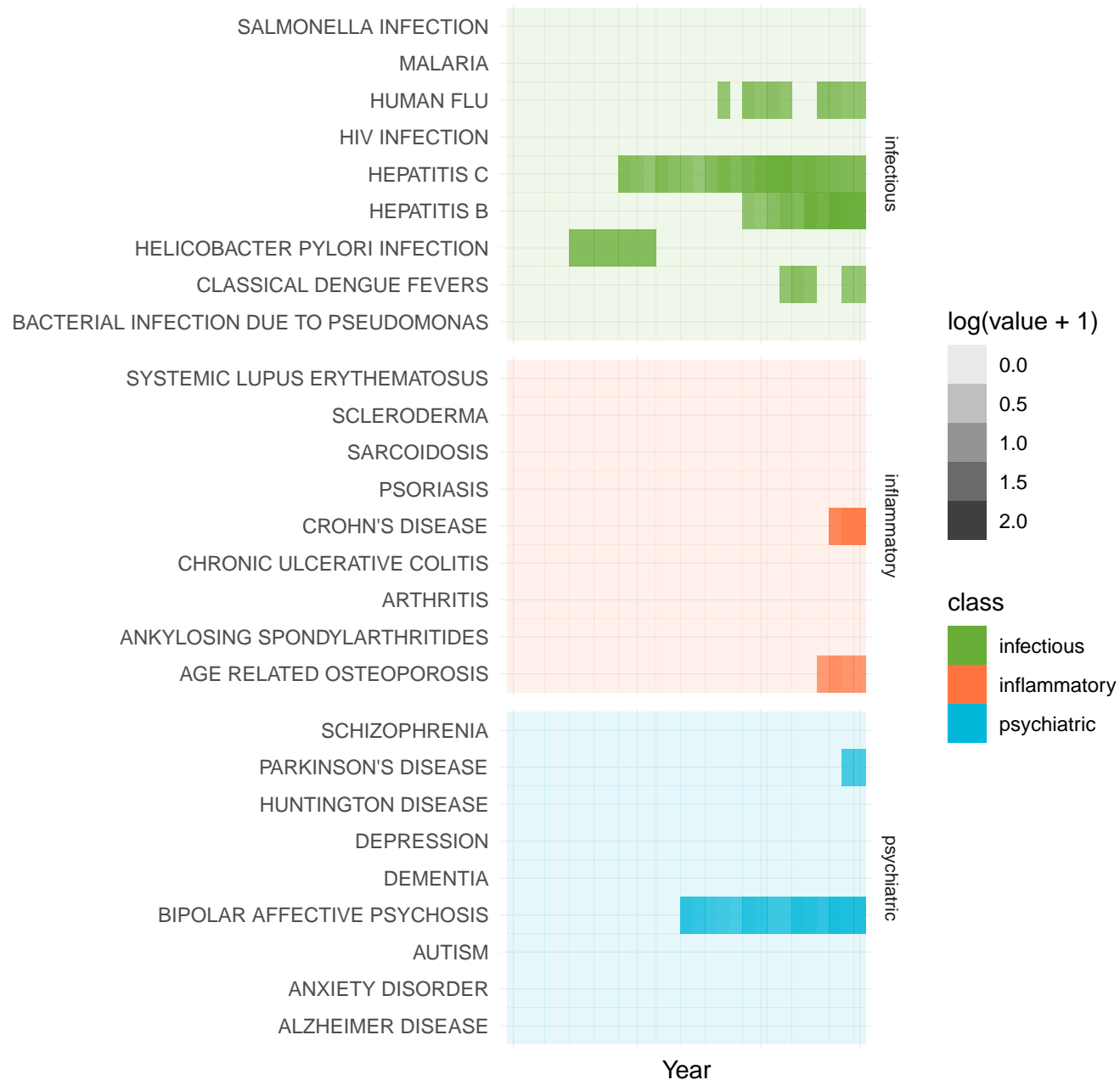




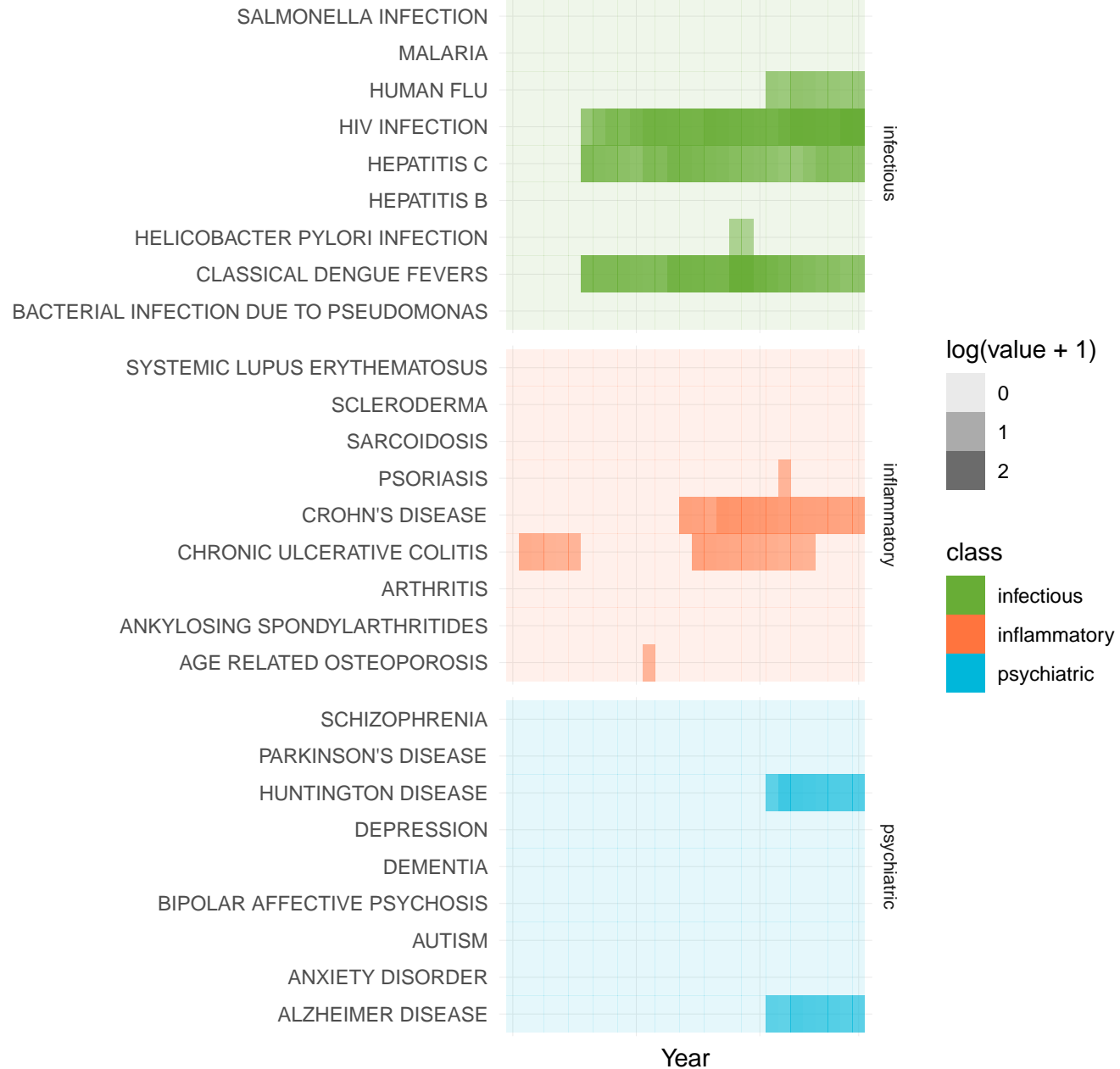
# eNOS activation and regulation



Unfolded Protein Response (UPR)



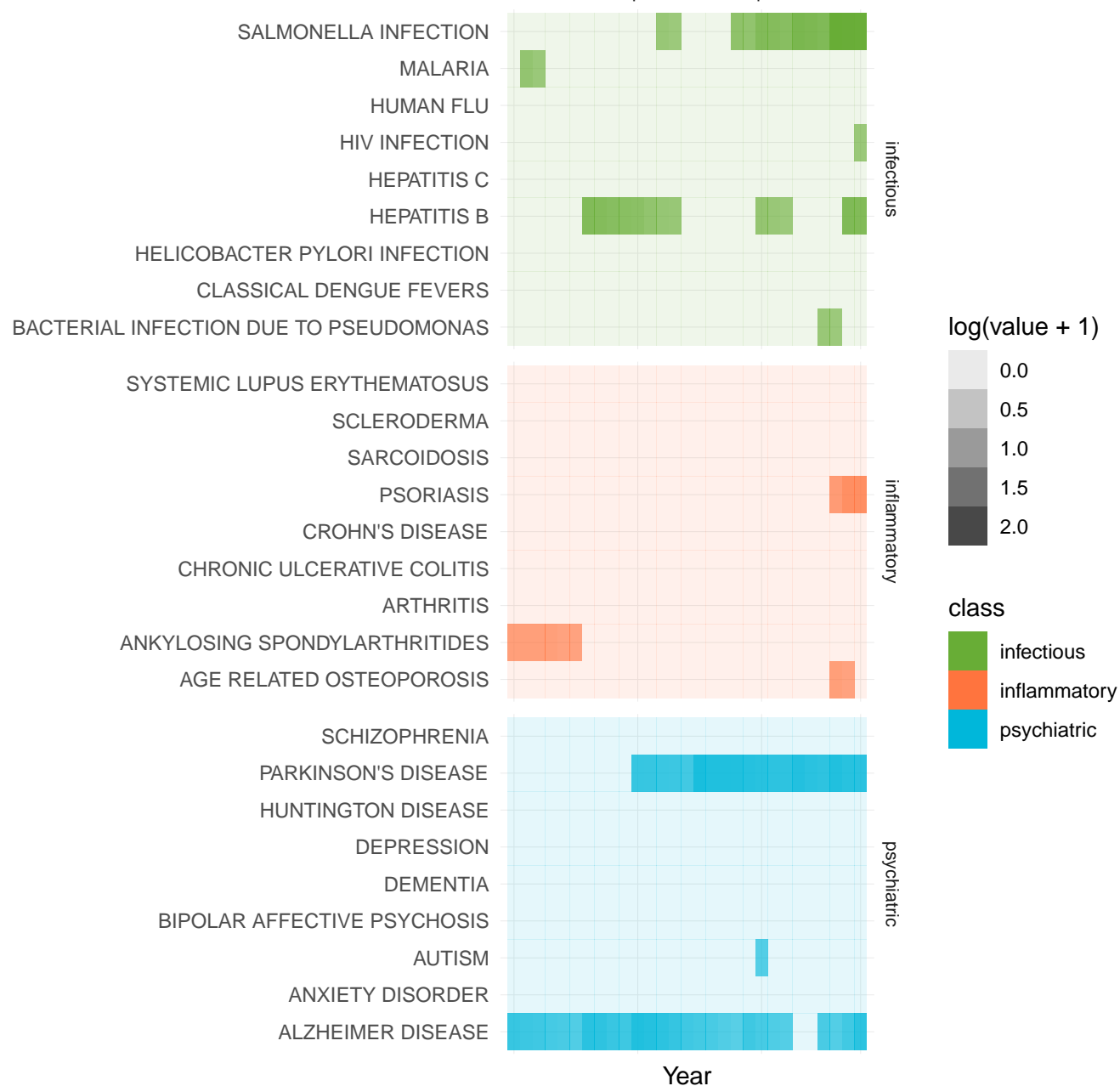
CD209 (DC-SIGN) signaling



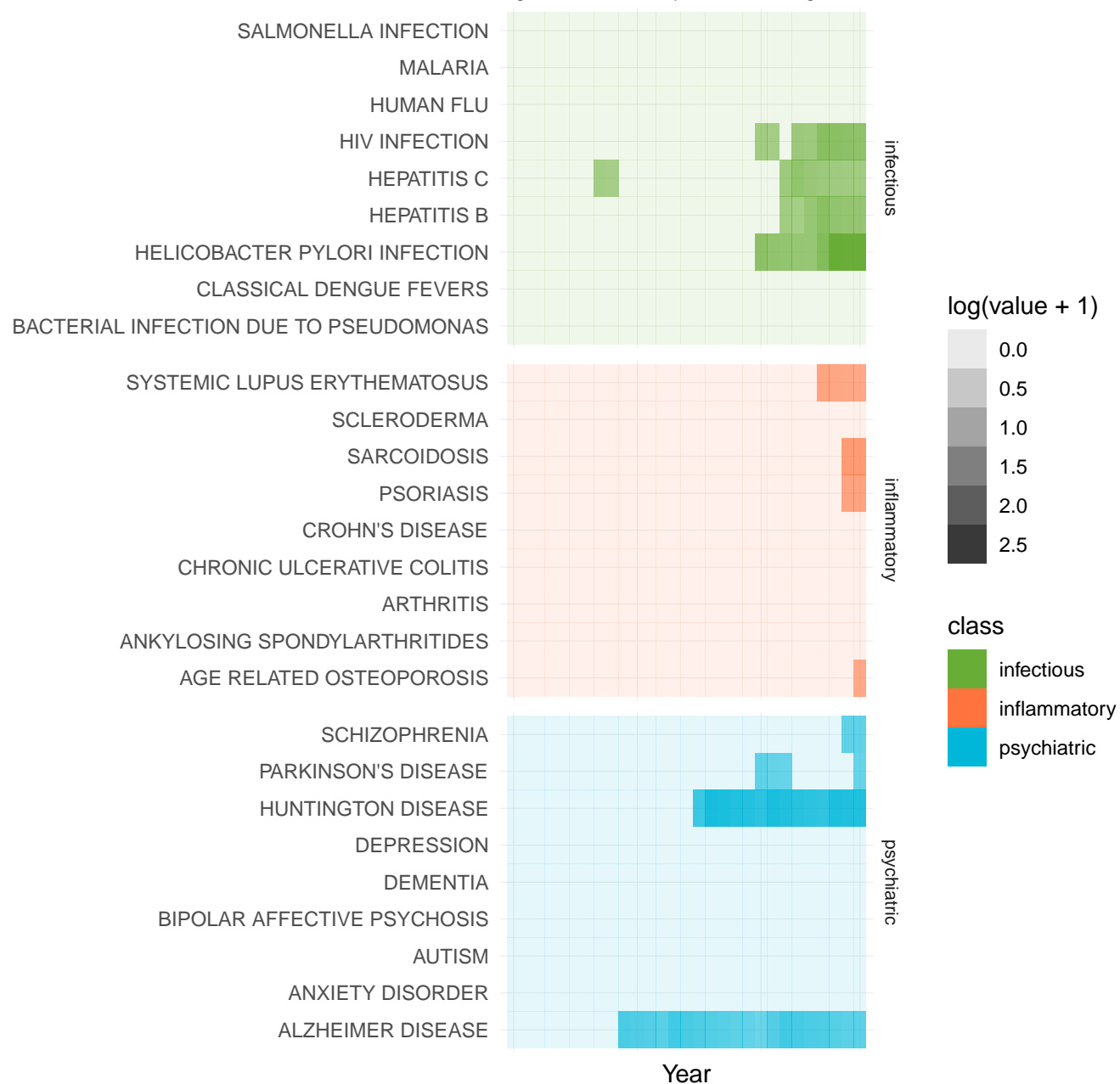
# Negative regulation of the PI3K/AKT network



# Iron uptake and transport



# Regulation of TP53 Expression and Degradation



# p53 Regulates Transcription of Cell Death Gene

