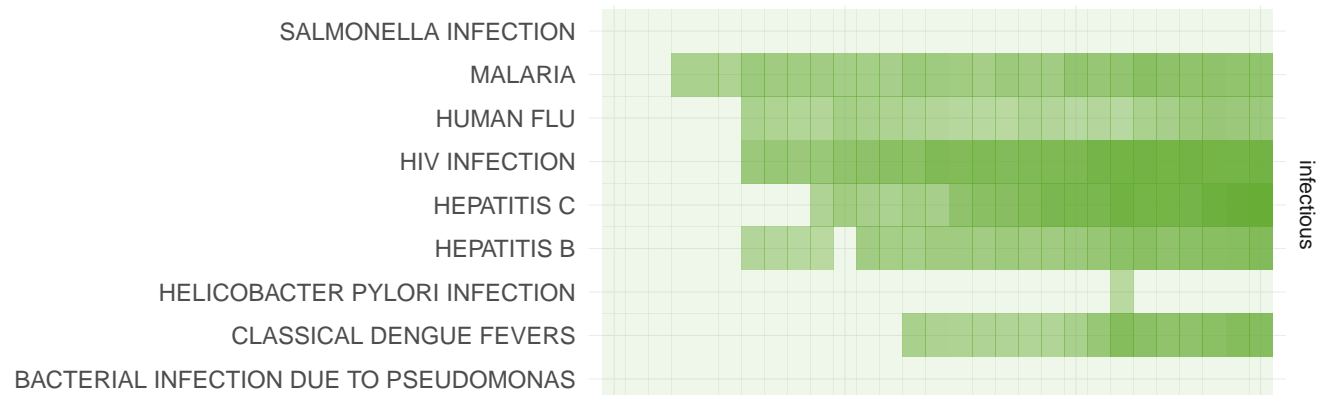


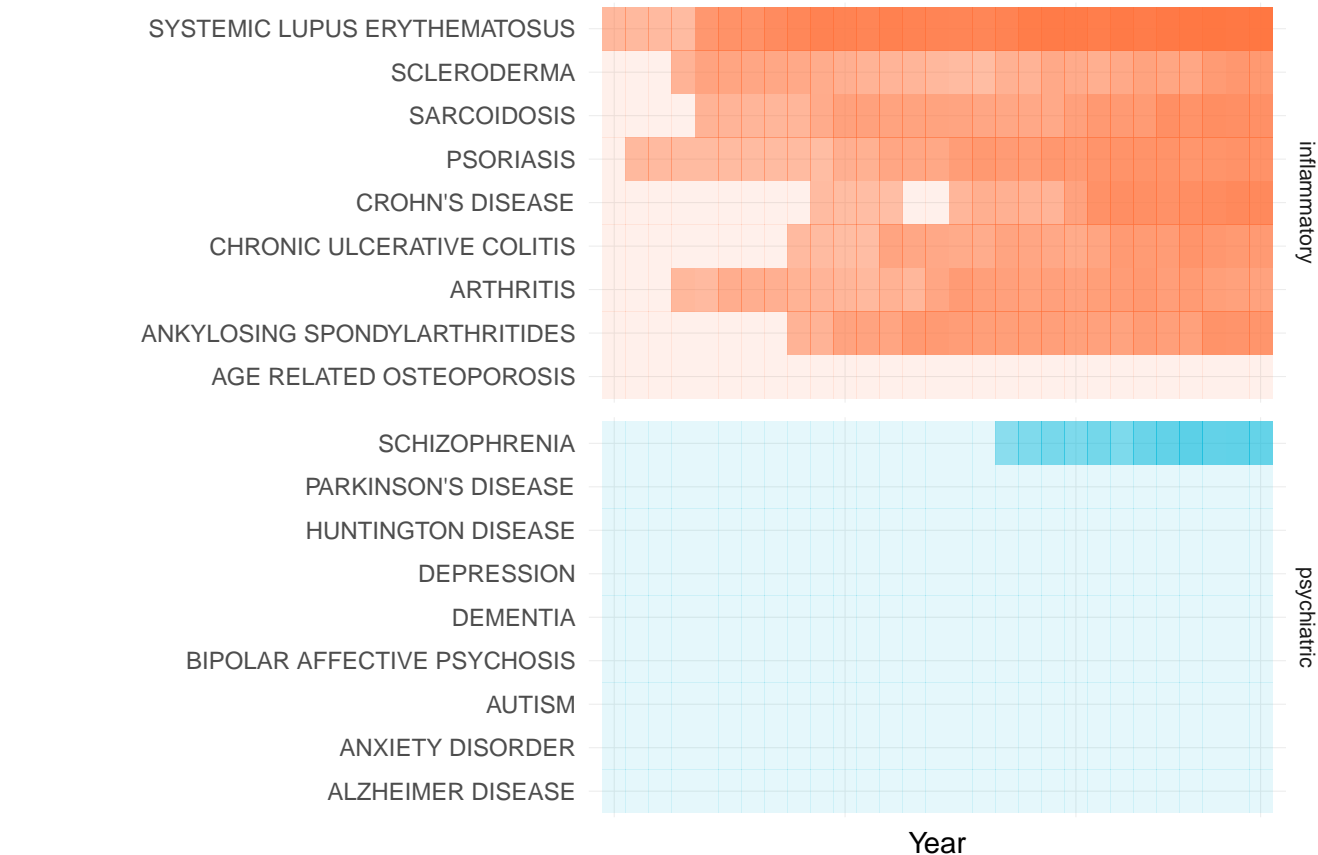
Interferon gamma signaling



infectious

inflammatory

psychiatric



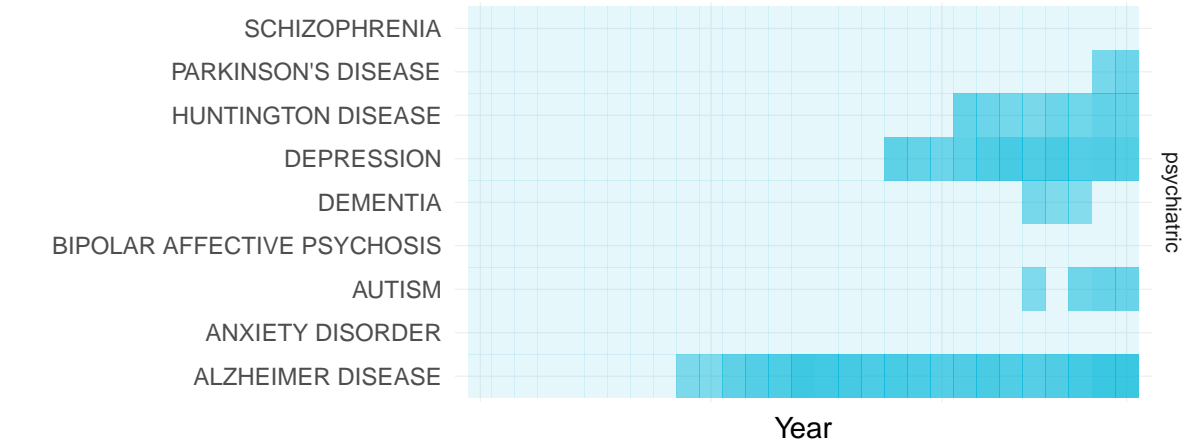
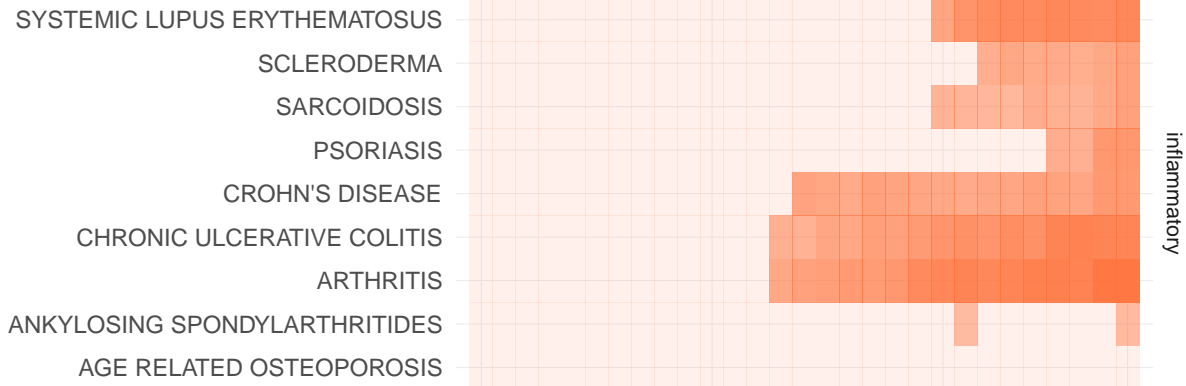
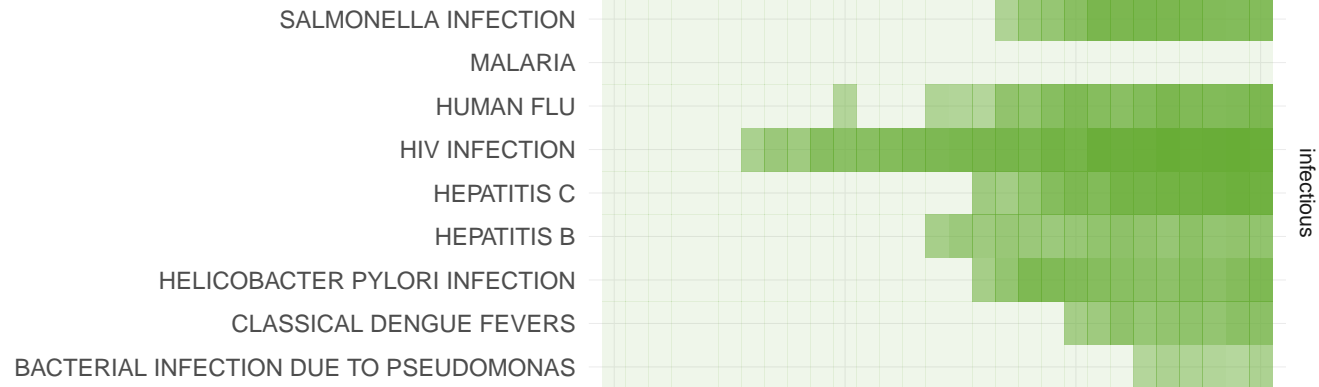
Year

RIG-I/MDA5 mediated induction of IFN- $\alpha$ /beta pathways

## Chemokine receptors bind chemokines

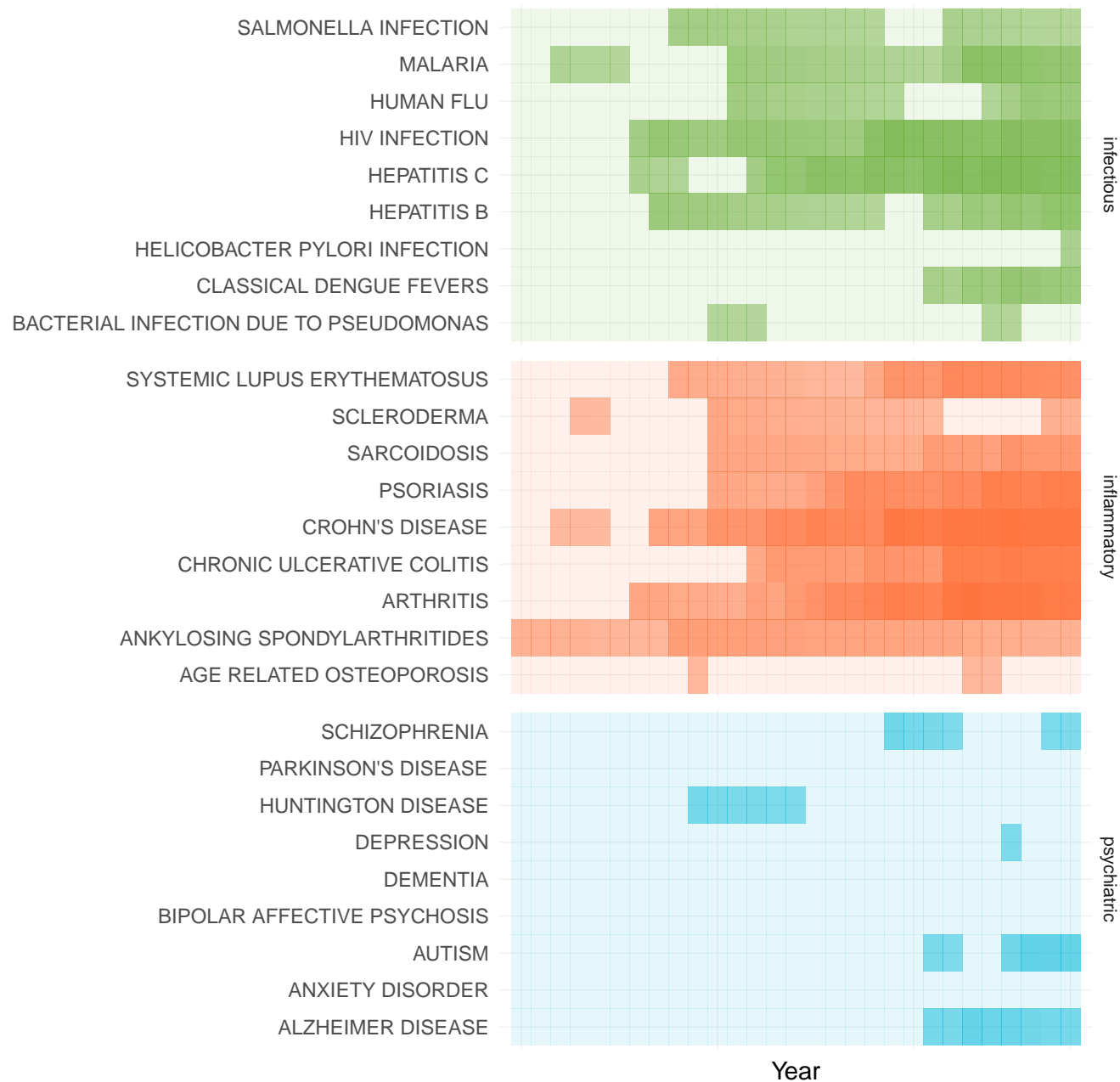


### MyD88-independent TLR3/TLR4 cascade





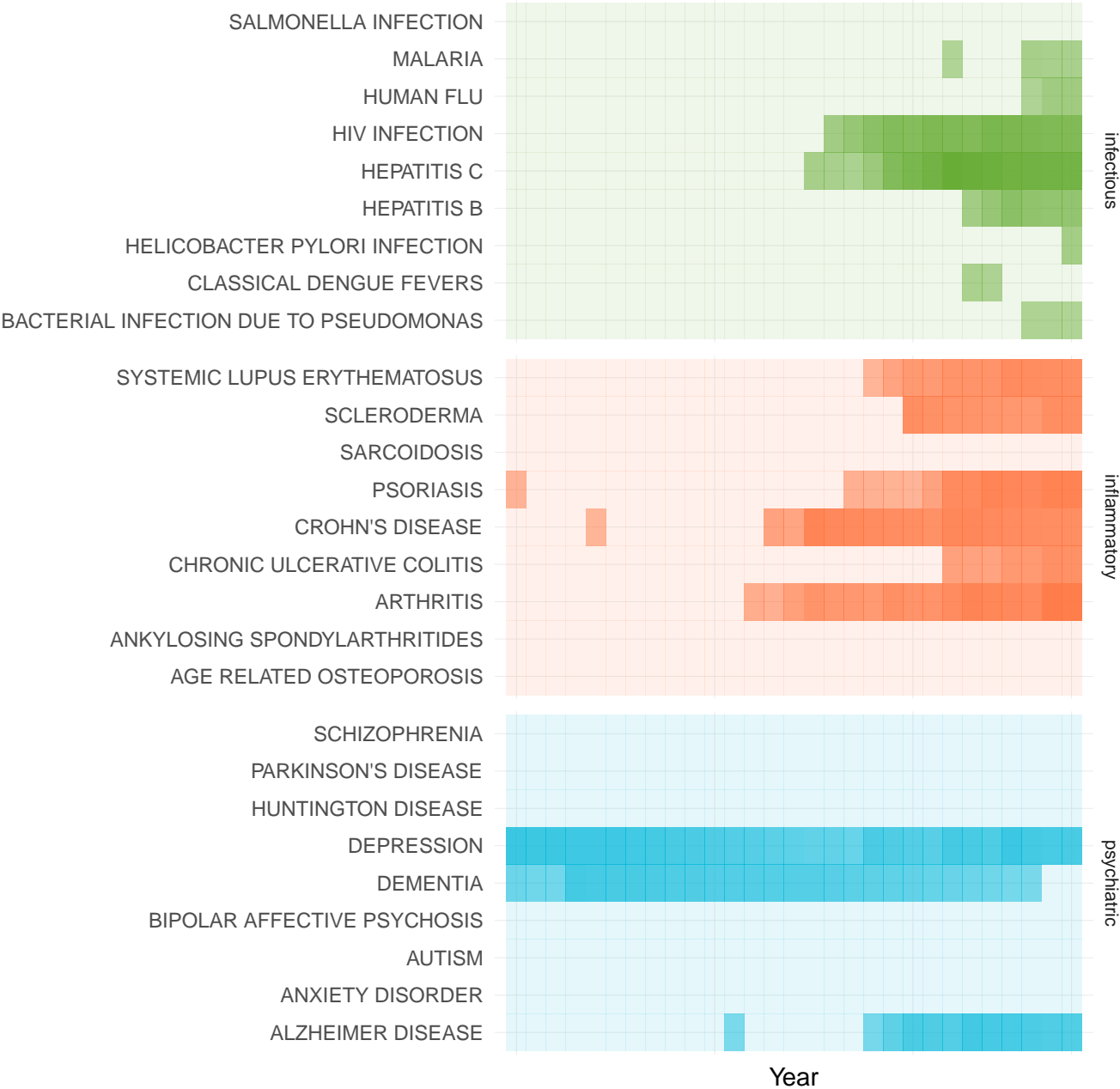
Interleukin-6 family signaling



## Death Receptor Signalling

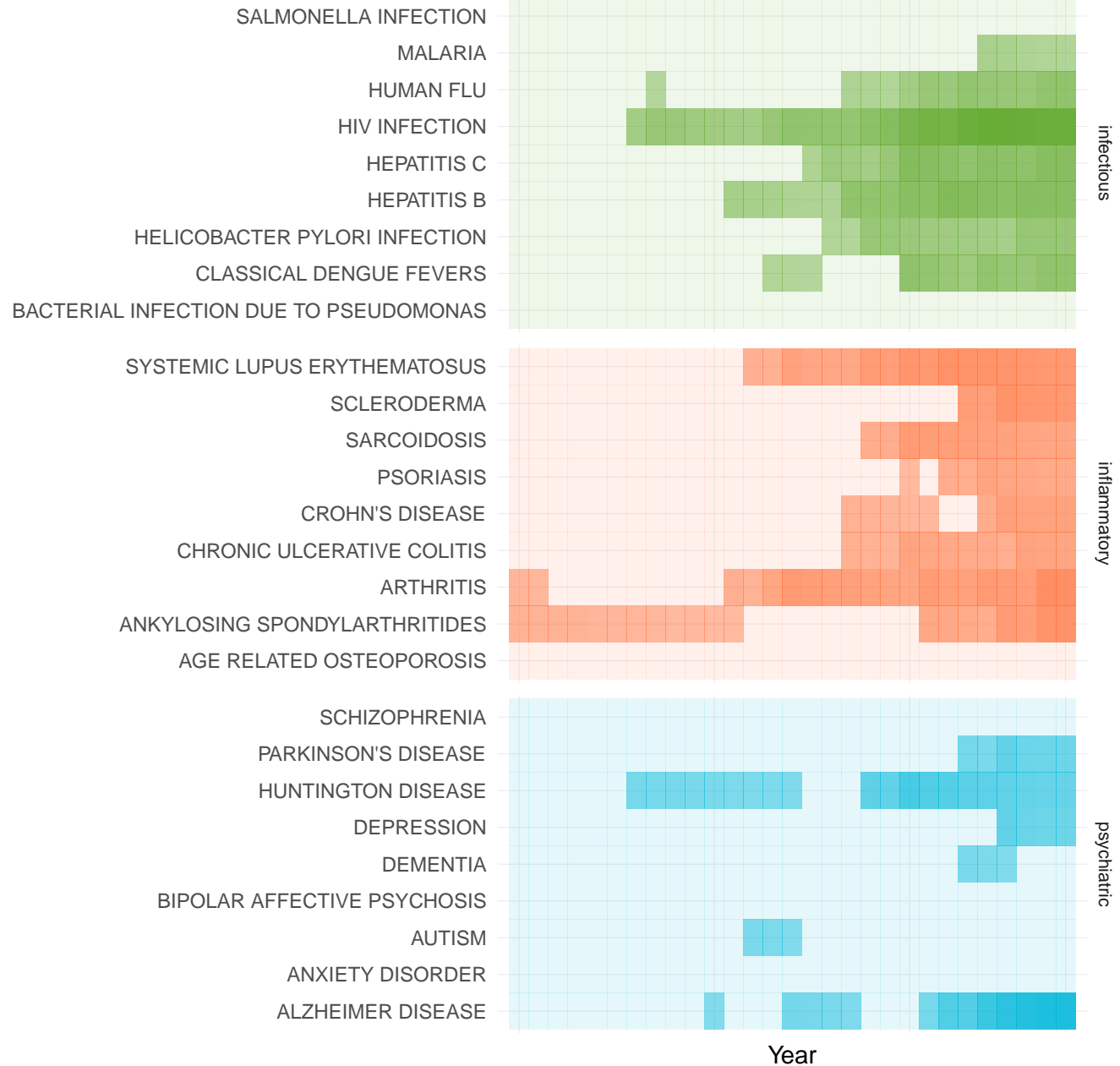


Growth hormone receptor signaling





Caspase activation via extrinsic apoptotic signaling pathway



Amyloid fiber formation



e-binding domain, leucine rich repeat containing receptor (NLR) signaling



Binding and Uptake of Ligands by Scavenger Receptors





## Apoptotic execution phase



GPVI-mediated activation cascade

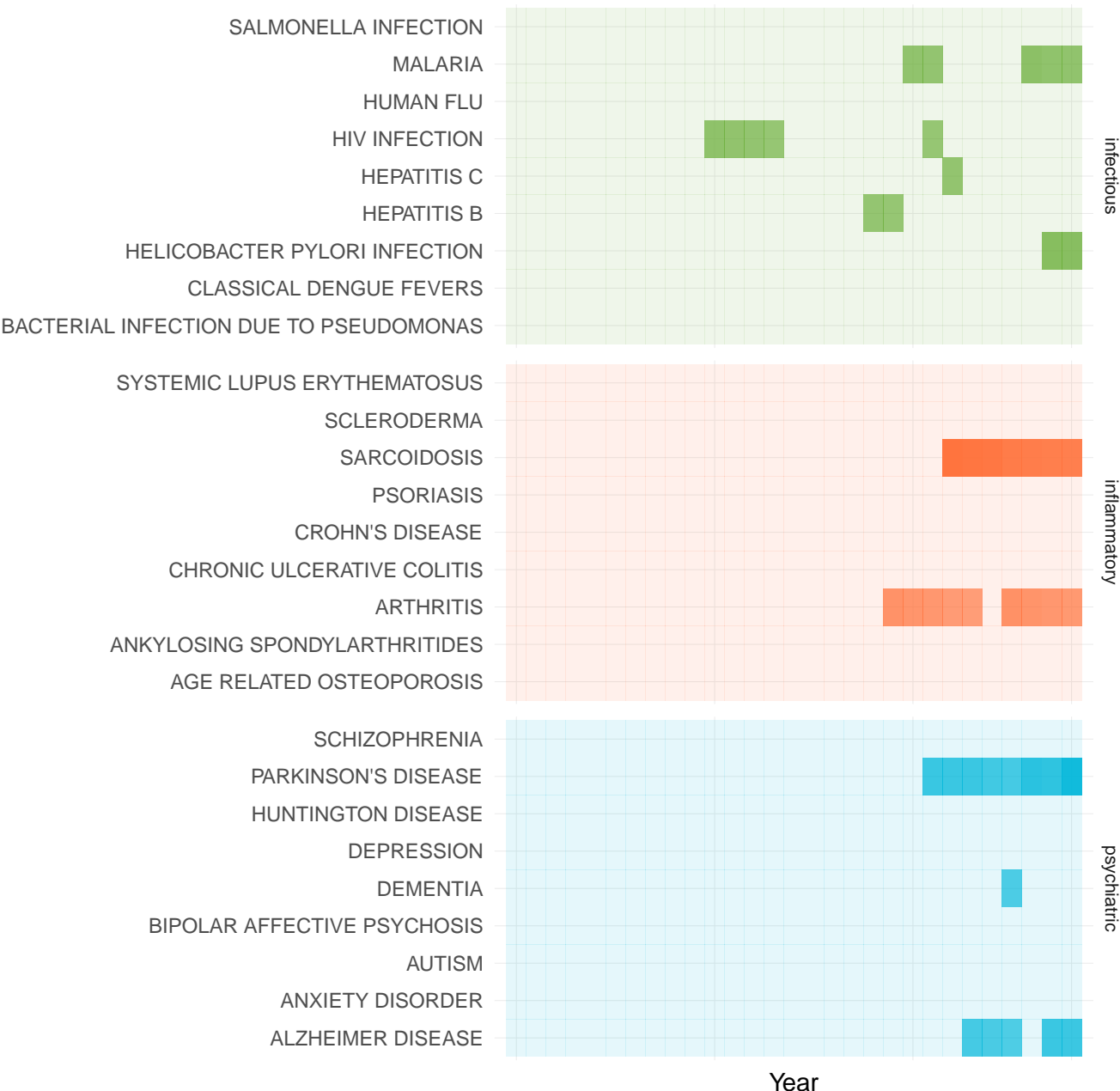


## Intrinsic Pathway for Apoptosis





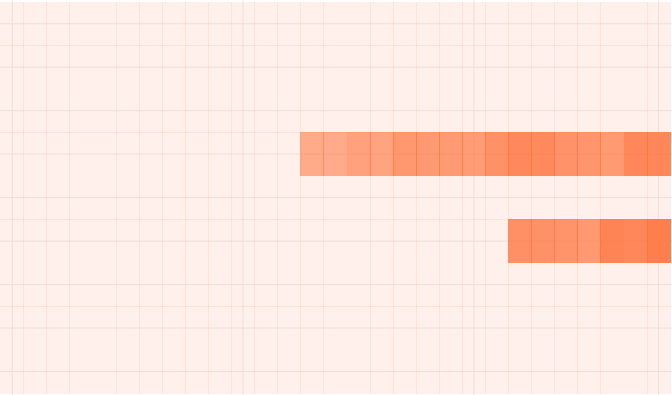
Regulation of Hypoxia-inducible Factor (HIF) by oxygen



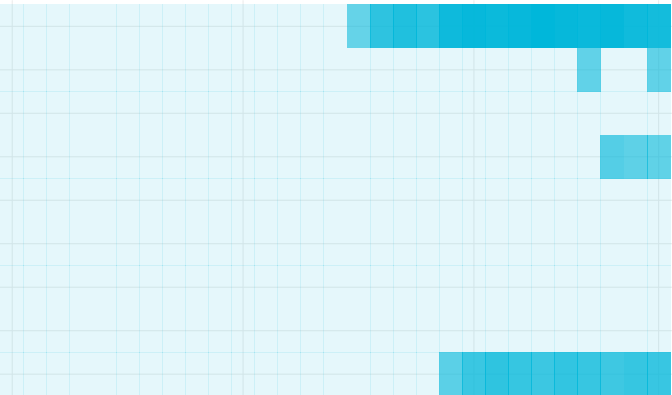
## Peptide hormone metabolism



infectious



inflammatory



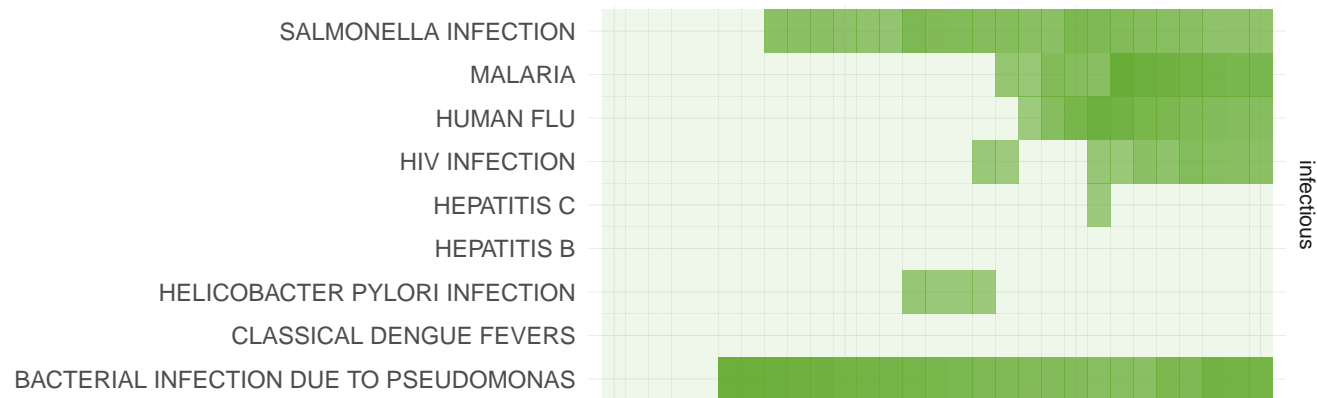
psychiatric

Year

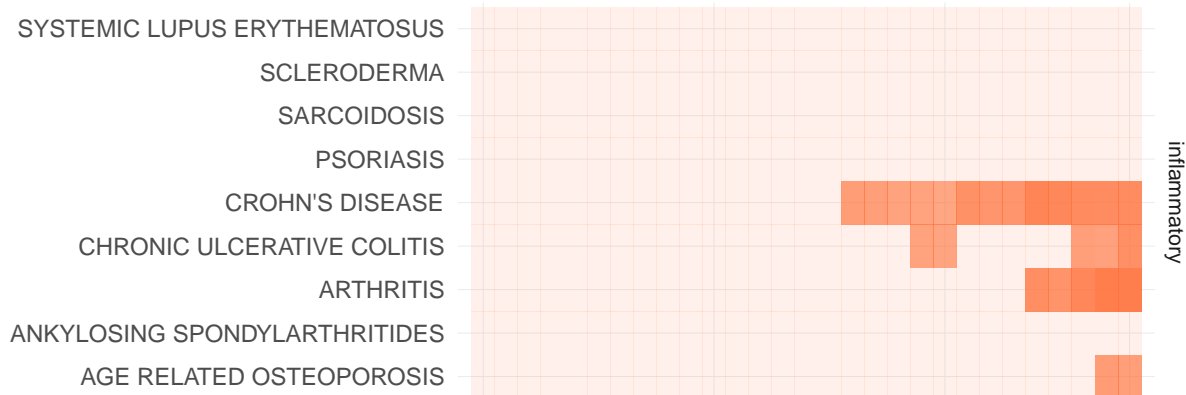
Activation of Matrix Metalloproteinases



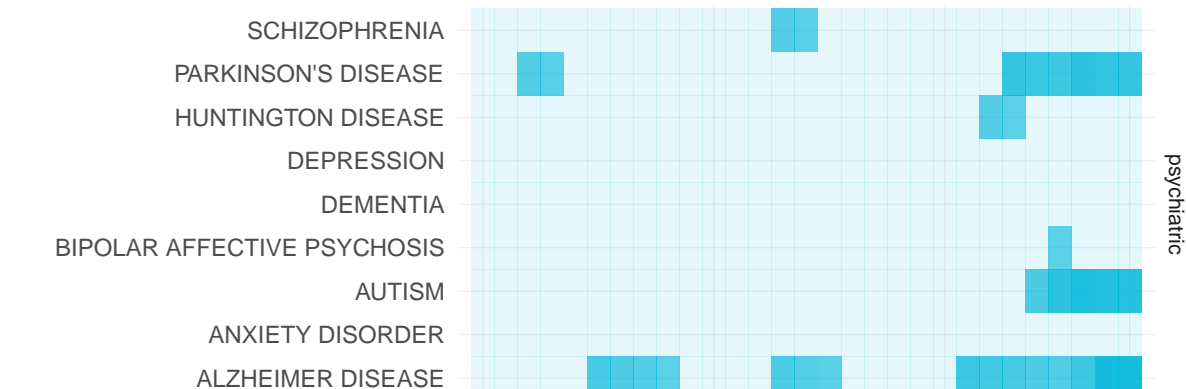
## Detoxification of Reactive Oxygen Species



## infectious



## inflammatory



## psychiatric

Year



Nuclear signaling by ERBB4



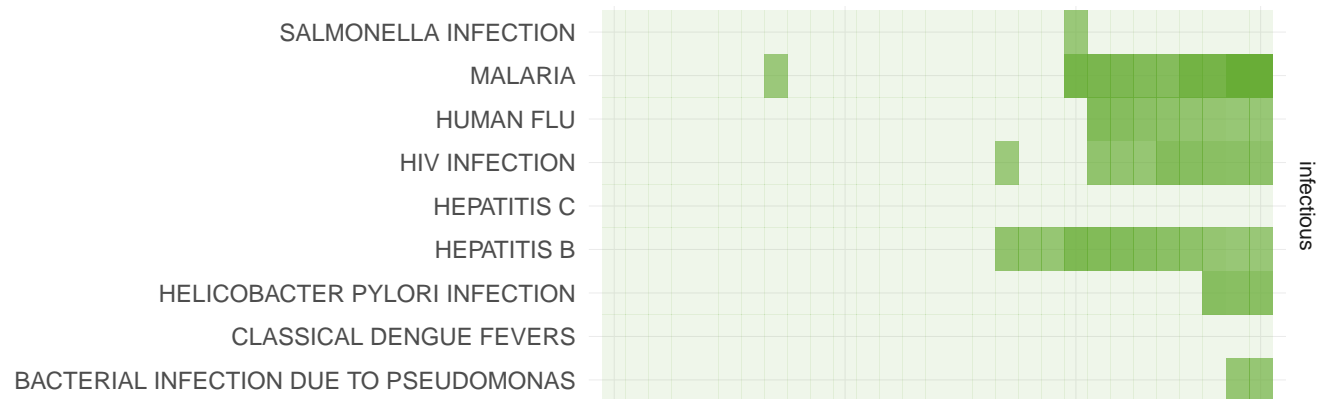




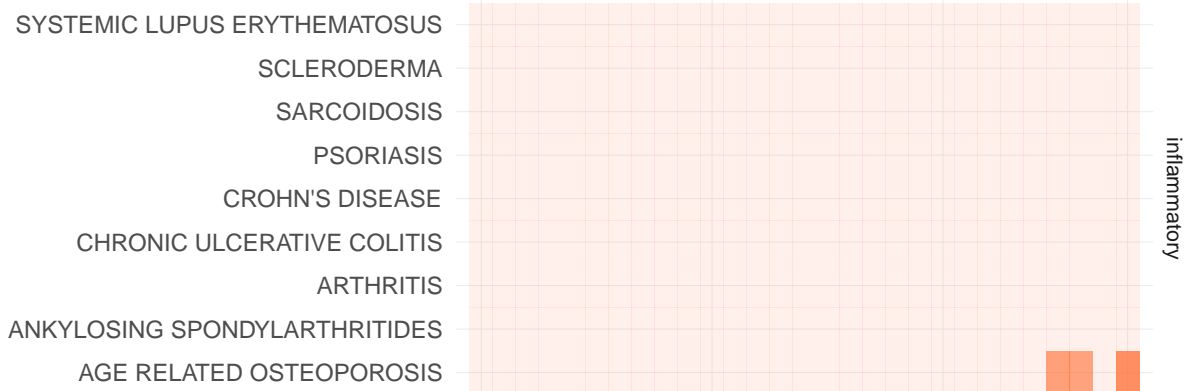
# Nuclear Receptor transcription pathway



## eNOS activation and regulation



## infectious



## inflammatory



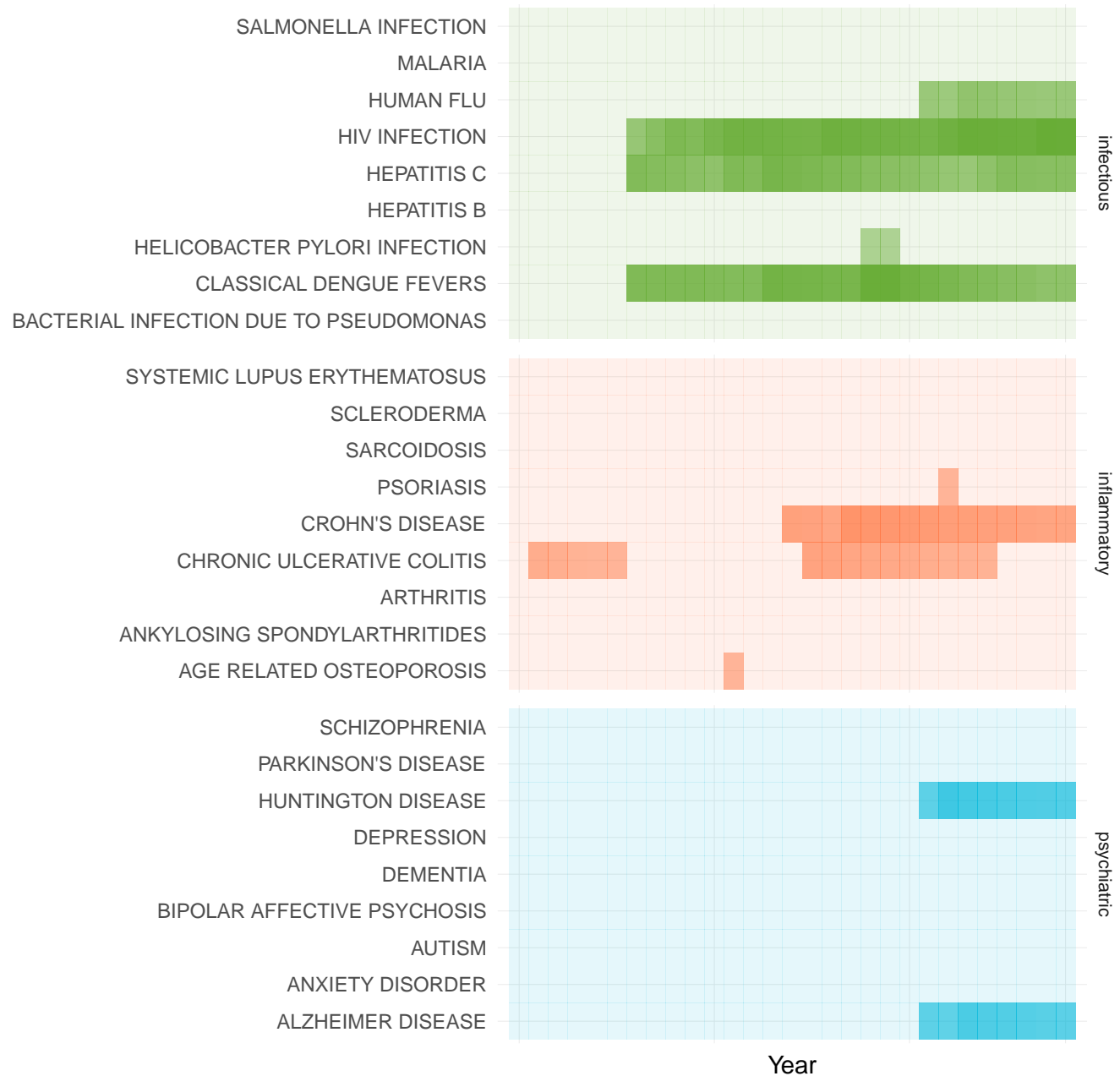
## psychiatric

Year

Unfolded Protein Response (UPR)



### CD209 (DC-SIGN) signaling



## Negative regulation of the PI3K/AKT network





Regulation of TP53 Expression and Degradation



TP53 Regulates Transcription of Cell Death Genes

