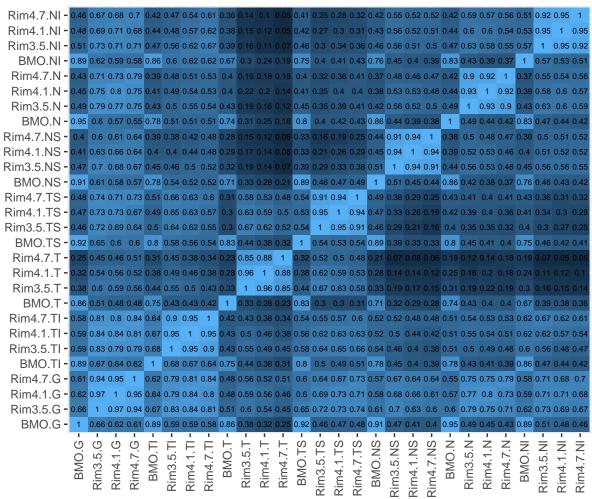Correlation matrix among BMO and RFNL rims by sectors