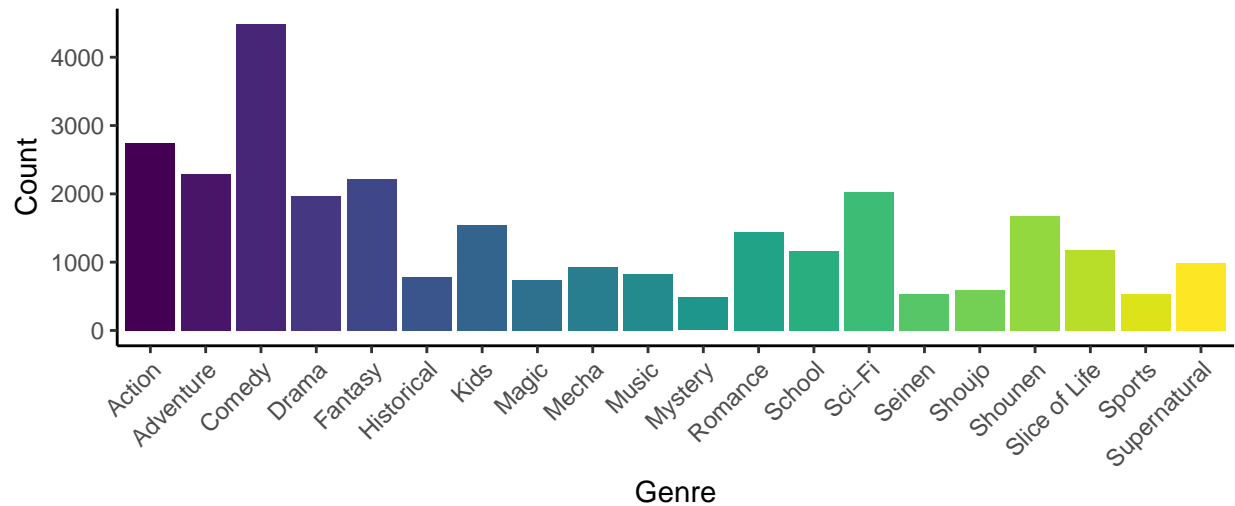# Recommending Television Shows from User Ratings

Matthew Wolff
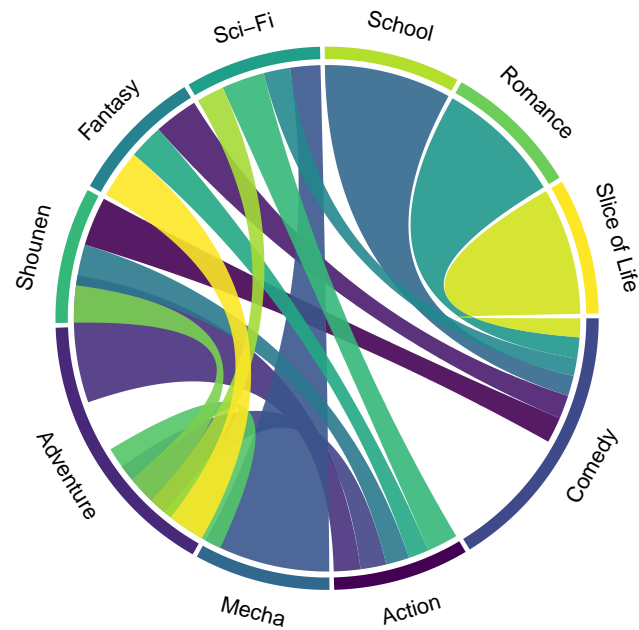
Table 1: Missing Values Within Show Data

	Minimum	1st Quartile	Median	Mean	3rd Quartile	Max	Missing Vals
episodes	1.00	1.00	2.00	12.38	12.00	1818.00	340
rating	1.670	5.880	6.570	6.474	7.180	10.000	230
members	5	225	1550	18071	9437	1013917	0

Top 20 Most Popular Genres (from 11880 shows)

Most Frequent Genre Pairings

Frequent Pairing Counts

Genre1	Genre2	Count
Action	Sci-Fi	1008
Adventure	Fantasy	921
Comedy	Shounen	918
Adventure	Comedy	895
Action	Adventure	867
Comedy	Fantasy	839
Action	Comedy	838
Action	Shounen	766
Comedy	Romance	753
Comedy	School	729
Mecha	Sci-Fi	712
Adventure	Shounen	692
Comedy	Slice of Life	672
Action	Fantasy	663
Adventure	Sci-Fi	646
Comedy	Sci-Fi	624

Distribution of Genre Complexity
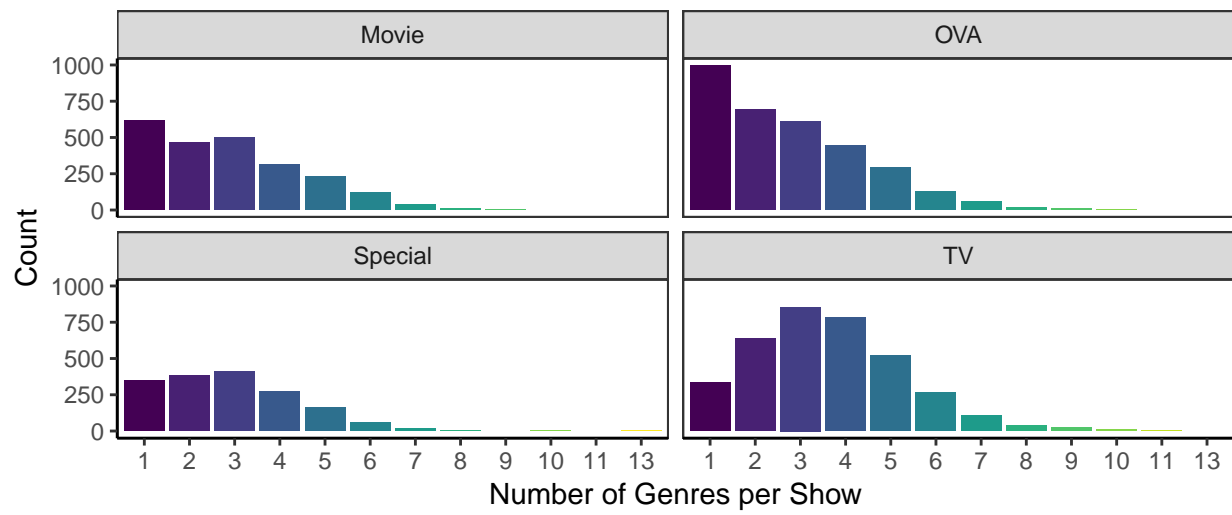
Relationship and Distributions between Show Variables