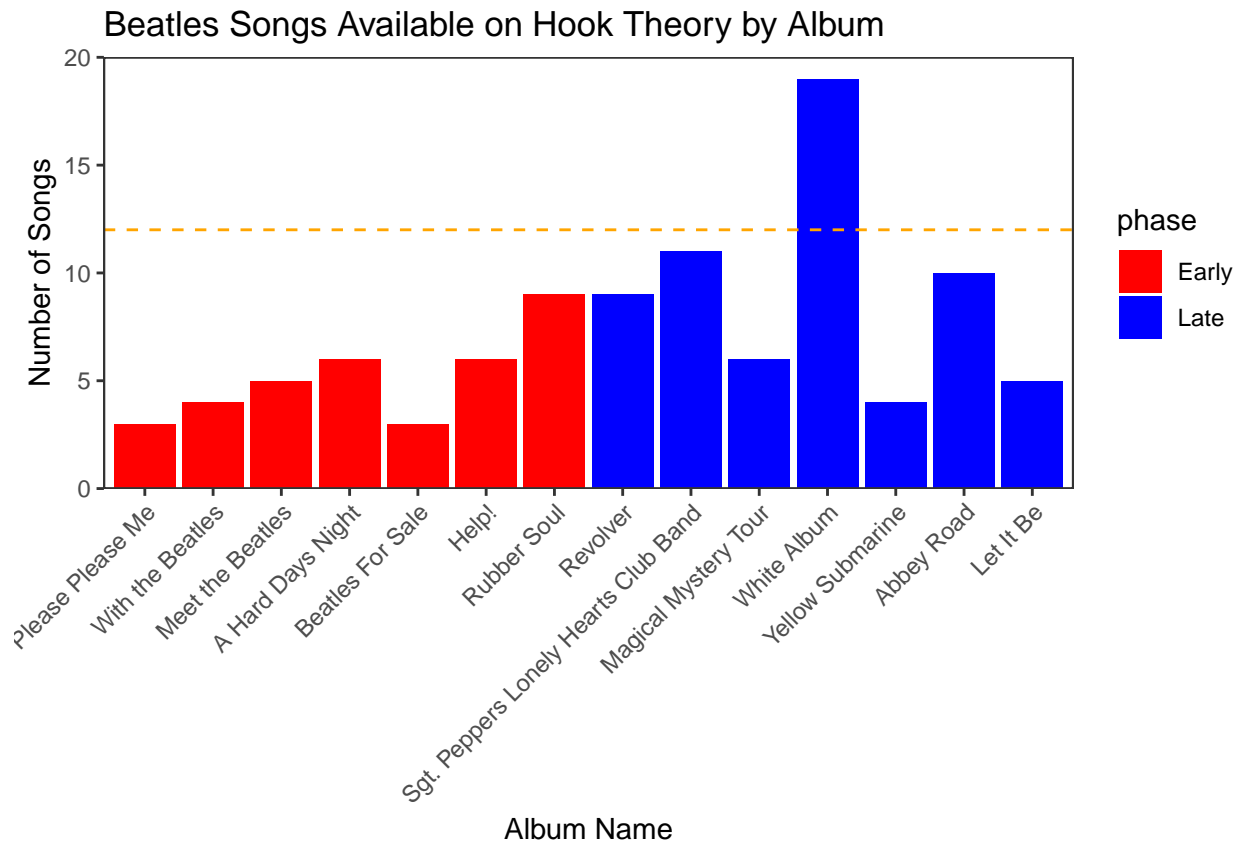


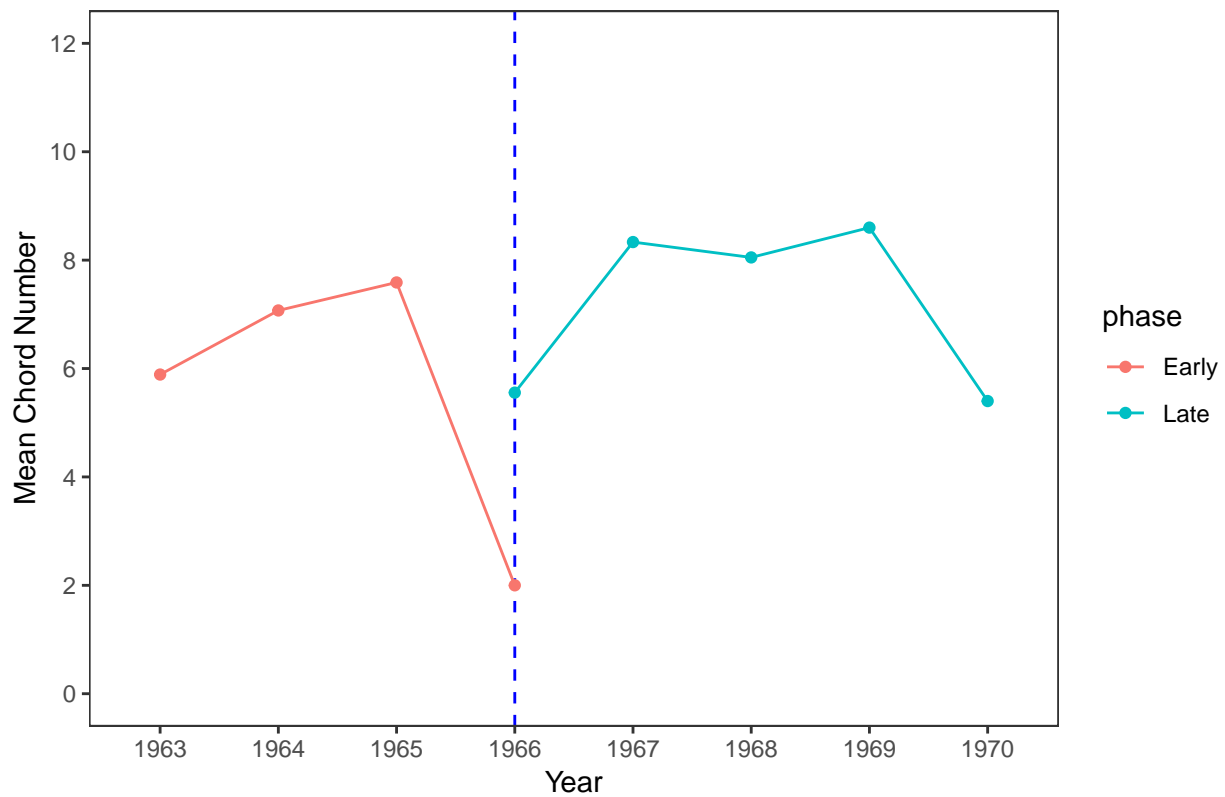
Final Presentation Highlights

William Spagnola

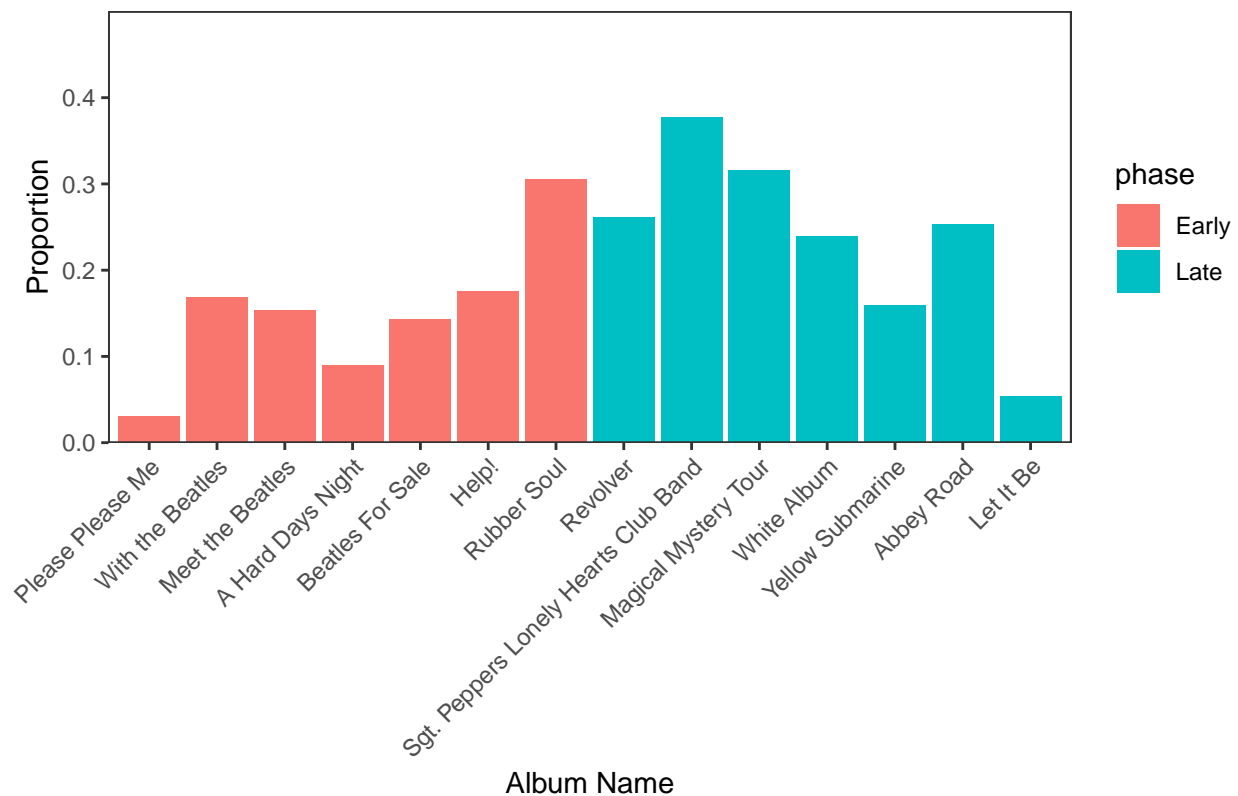
5/6/2019



Mean Number of Unique Chords Per Song by Year (Grouped by Phase)



Proportion of Borrowed Chords By Album



Borrowed Chords are basically chords that are 'borrowed' from another key.

Top 10 Trigrams with FEATURES: Early Beatles

phase	trigram	n
Early	I-V-I	51
Early	ii-V-I	43
Early	V-I-V	43
Early	I-vi-IV	31
Early	I-IV-V/(V)	30
Early	i-v-i	30
Early	V-I-vi	29
Early	V7-I-IV	29
Early	IV-V/(V)-V7	27
Early	v-i-v	27

Top 10 Trigrams with FEATURES: Late Beatles

phase	trigram	n
Late	IV-V-IV	59
Late	V-IV-I	56
Late	IV-I-V	53
Late	I-IV-I	50
Late	IV-I-IV	49
Late	I-V/(iii)-IV	37
Late	IV-V-I	37
Late	bIII/(min)-IV/(IV)-I	36
Late	I-v/(min)-I/(vi)	36
Late	I/(vi)-IV-I	36