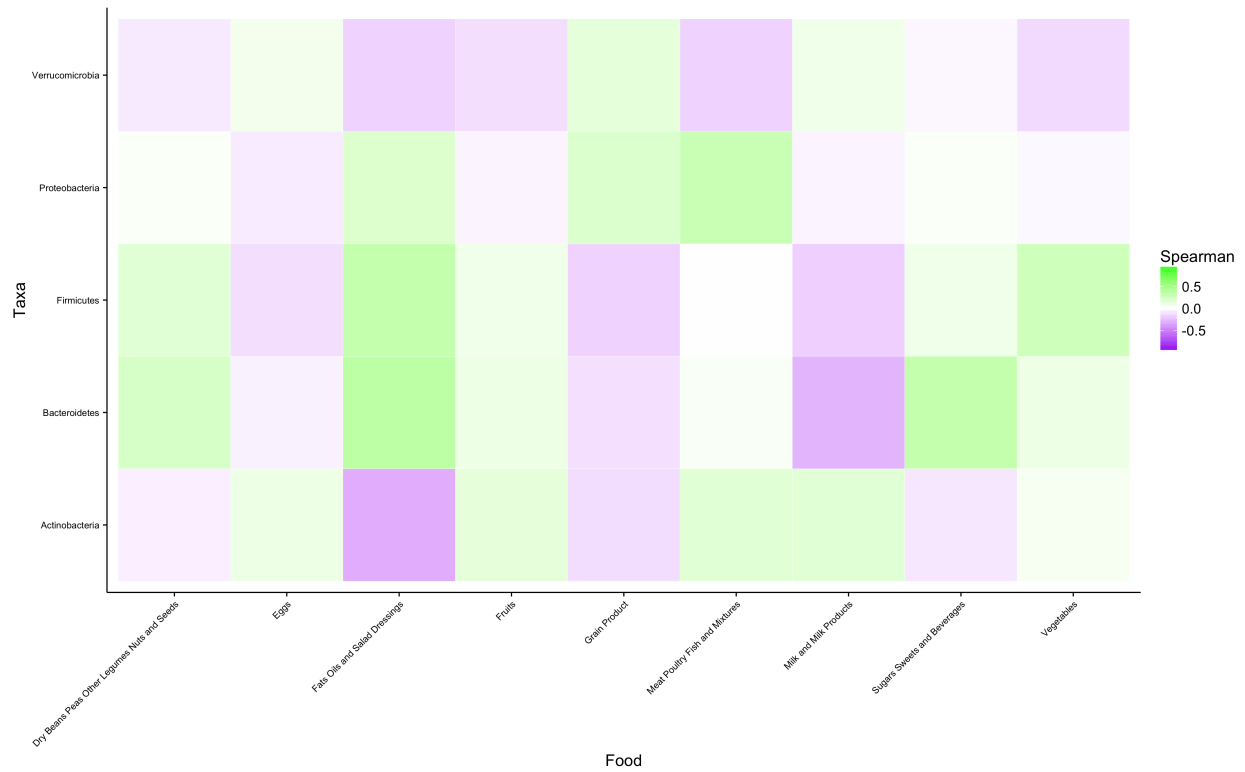


# Microbes v. food

*Abby*

*May 9, 2017*



Repeat this but with the averages from the individual people comparisons

```
## Loading required package: abind
```

## Repeat previous steps

##	fdr_pval	Correlation	Food
## 1	0.7837852	-0.049412725	Eggs
## 2	0.7917428	-0.046462113	Eggs
## 3	0.8571808	-0.045989307	Fats Oils and Salad Dressings
## 4	0.8733955	-0.037938944	Fruits
## 5	0.8362280	-0.034202879	Fats Oils and Salad Dressings
## 6	0.8379266	-0.033897219	Sugars Sweets and Beverages
## 7	0.8327886	-0.032417077	Grain Product
## 8	0.8666568	-0.032125407	Dry Beans Peas Other Legumes Nuts and Seeds
## 9	0.8371777	-0.030370092	Eggs
## 10	0.8890120	-0.022991071	Vegetables
## 11	0.8633949	-0.021293430	Meat Poultry Fish and Mixtures
## 12	0.8763292	-0.020866615	Meat Poultry Fish and Mixtures
## 13	0.8809601	-0.020066055	Dry Beans Peas Other Legumes Nuts and Seeds
## 14	0.8457486	-0.019325206	Sugars Sweets and Beverages
## 15	0.8491543	-0.018835813	Milk and Milk Products
## 16	0.8322011	-0.018556146	Fruits
## 17	0.8906155	-0.015513393	Sugars Sweets and Beverages
## 18	0.8011077	-0.013316641	Fruits
## 19	0.8515024	-0.007640111	Milk and Milk Products
## 20	0.8344465	-0.007336414	Grain Product
## 21	0.8400846	-0.003564219	Dry Beans Peas Other Legumes Nuts and Seeds
## 22	0.8865096	-0.002895166	Eggs
## 23	0.8313365	-0.001596665	Vegetables
## 24	0.8891010	0.000000000	Fats Oils and Salad Dressings
## 25	0.8757423	0.000000000	Fats Oils and Salad Dressings
## 26	0.8847439	0.000000000	Meat Poultry Fish and Mixtures
## 27	0.8843883	0.000000000	Milk and Milk Products
## 28	0.8806877	0.000000000	Milk and Milk Products
## 29	0.8760446	0.000000000	Milk and Milk Products
## 30	0.8537959	0.002146305	Fruits
## 31	0.8587666	0.002214509	Sugars Sweets and Beverages
## 32	0.8663773	0.006998528	Milk and Milk Products
## 33	0.8375906	0.007074952	Vegetables
## 34	0.8491878	0.007512701	Dry Beans Peas Other Legumes Nuts and Seeds
## 35	0.8794198	0.012371134	Fats Oils and Salad Dressings
## 36	0.8166270	0.014013223	Grain Product
## 37	0.8735007	0.014950674	Grain Product
## 38	0.8829263	0.017520778	Fruits
## 39	0.8573984	0.018073333	Eggs
## 40	0.8288016	0.018849467	Fruits
## 41	0.8668322	0.019090089	Eggs
## 42	0.8623923	0.020967742	Meat Poultry Fish and Mixtures
## 43	0.8647090	0.021222527	Sugars Sweets and Beverages
## 44	0.8112795	0.022271479	Grain Product
## 45	0.8395273	0.025586265	Dry Beans Peas Other Legumes Nuts and Seeds
## 46	0.8466461	0.025806452	Meat Poultry Fish and Mixtures
## 47	0.8639014	0.026239879	Vegetables
## 48	0.8620245	0.034852033	Dry Beans Peas Other Legumes Nuts and Seeds
## 49	0.8530140	0.036339935	Fats Oils and Salad Dressings
## 50	0.8534215	0.038352273	Sugars Sweets and Beverages
## 51	0.8348424	0.038795625	Grain Product

## 52	0.8918830	0.045366427	Meat Poultry Fish and Mixtures
## 53	0.8350779	0.045797508	Vegetables
## 54	0.8125823	0.052077921	Vegetables
##		Taxa	
## 1		Firmicutes	
## 2		Actinobacteria	
## 3		Proteobacteria	
## 4		Actinobacteria	
## 5		Actinobacteria	
## 6		Bacteroidetes	
## 7		Bacteroidetes	
## 8		Firmicutes	
## 9	k	Bacteria;NA	
## 10		Bacteroidetes	
## 11		Bacteroidetes	
## 12	k	Bacteria;NA	
## 13	k	Bacteria;NA	
## 14	k	Bacteria;NA	
## 15		Proteobacteria	
## 16		Verrucomicrobia	
## 17		Proteobacteria	
## 18		Firmicutes	
## 19	k	Bacteria;NA	
## 20		Firmicutes	
## 21		Verrucomicrobia	
## 22		Proteobacteria	
## 23		Verrucomicrobia	
## 24		Firmicutes	
## 25		Verrucomicrobia	
## 26		Actinobacteria	
## 27		Actinobacteria	
## 28		Bacteroidetes	
## 29		Firmicutes	
## 30		Bacteroidetes	
## 31		Firmicutes	
## 32		Verrucomicrobia	
## 33		Actinobacteria	
## 34		Actinobacteria	
## 35	k	Bacteria;NA	
## 36		Proteobacteria	
## 37	k	Bacteria;NA	
## 38		Proteobacteria	
## 39		Bacteroidetes	
## 40	k	Bacteria;NA	
## 41		Verrucomicrobia	
## 42		Firmicutes	
## 43		Verrucomicrobia	
## 44		Verrucomicrobia	
## 45		Proteobacteria	
## 46		Proteobacteria	
## 47	k	Bacteria;NA	
## 48		Bacteroidetes	
## 49		Bacteroidetes	
## 50		Actinobacteria	

```
## 51 Actinobacteria
## 52 Verrucomicrobia
## 53 Firmicutes
## 54 Proteobacteria

##
## Attaching package: 'igraph'

## The following object is masked from 'package:tibble':
##
##   as_data_frame

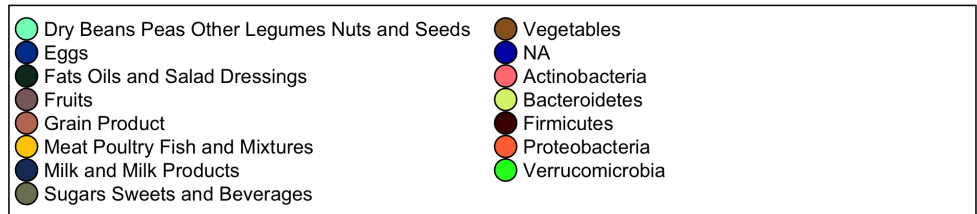
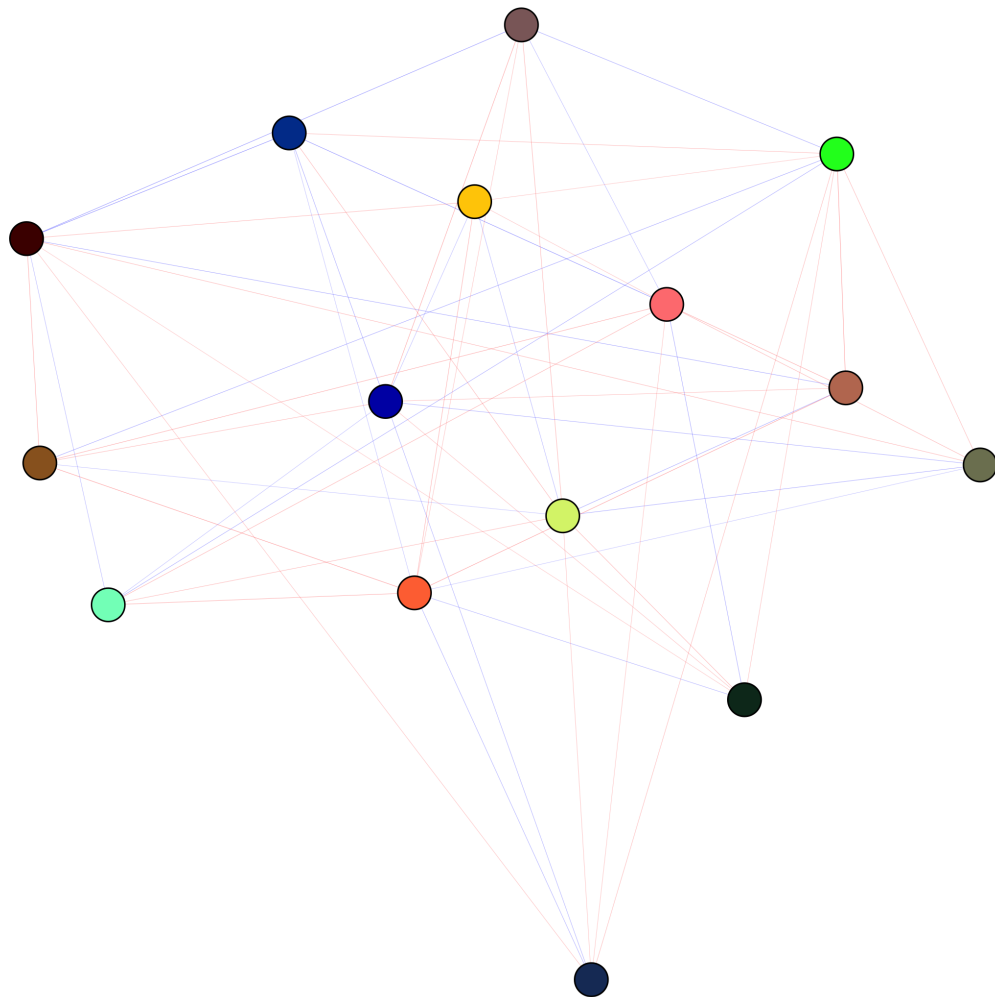
## The following objects are masked from 'package:dplyr':
##
##   as_data_frame, groups, union

## The following object is masked from 'package:tidyr':
##
##   crossing

## The following objects are masked from 'package:stats':
##
##   decompose, spectrum

## The following object is masked from 'package:base':
##
##   union
```

# Average of individual correlations



NUTR variables:

