Summary Graphs of NUTR630 Post-Semester Feedback

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<pre>library(readr) onboarding.filename <- 'https://docs.google.com/spreadsheets/d/e/2PACX-1vQI-b1A4Zd-gx3Ft onboarding.data <- read_csv(onboarding.filename)</pre>	uY31kKbWEOzKUfn
<pre>end.filename <- 'https://docs.google.com/spreadsheets/d/e/2PACX-1vTxPKhKOwkZ18U1X0Z44M8v end.data <- read_csv(end.filename)</pre>	wGqtM5ow18tVPF4
merged.data <- full_join(onboarding.data,end.data, by='Email Address', suffix=c("before"	","after"))

These data can be found in /Users/davebrid/Documents/GitHub/TeachingLectures/Michigan/NUTR630/Evaluation/GradeCrasummary/Student Feedback/Post-Semester. This script was most recently updated on Wed Jan 31 17:25:32 2018.

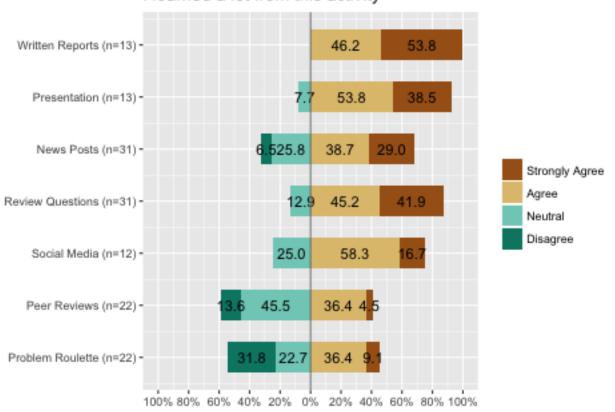
Analysis

Interests

Learning Activities

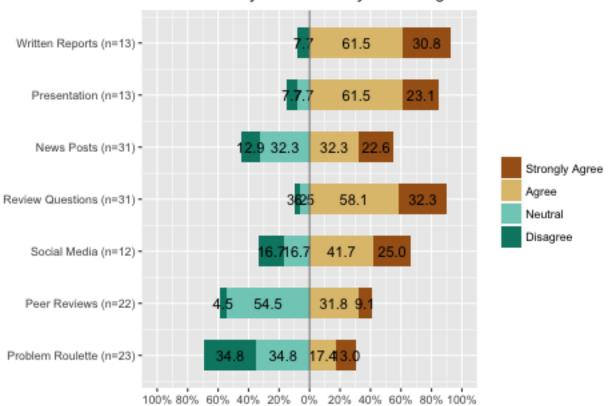
Thoughts about whether they learned a lot from the activity

I learned a lot from this activity



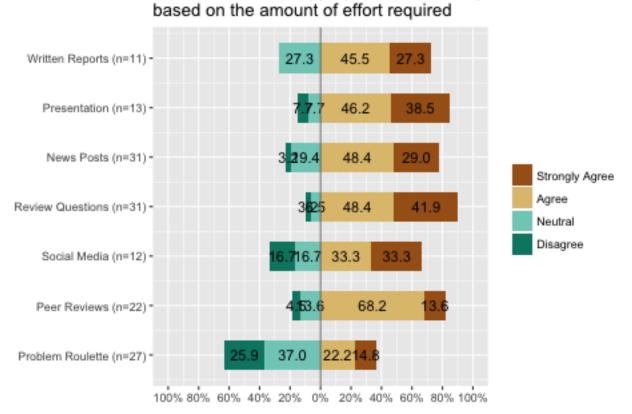
Thoughts about whether these assesed knowledge

This effectively assessed my knowledge



Thoughts as to whether it was worth an ppropriate amount of points

This was worth an appropriate amount of points



Changes over the semester

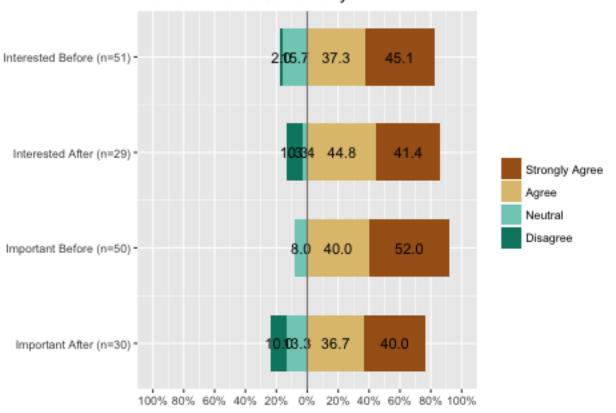
Interests and Aptitudes

```
merged.data[merged.data==1]<-'Strongly Agree'
merged.data[merged.data==2]<-'Agree'
merged.data[merged.data==3]<-'Neutral'
merged.data[merged.data==4]<-'Disagree'
merged.data[merged.data==5]<-'Strongly Disagree'

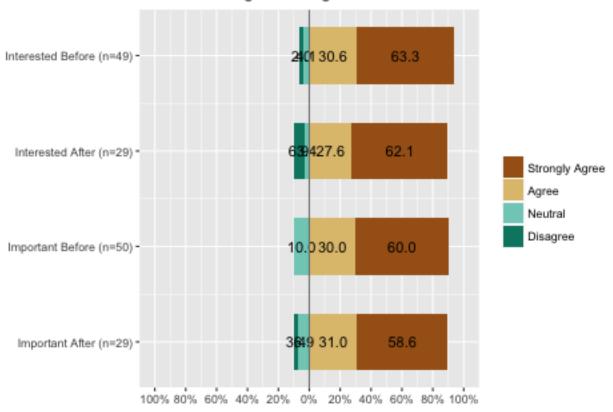
macronutritent.aptitude.data <-
merged.data %>%
dplyr::select(contains("macronutrient")) %>%
```

Macronutrient biochemistry

digestive.aptitude.data <-



Understanding of the digestive tract



Session Information

```
sessionInfo()
```

```
## R version 3.4.2 (2017-09-28)
## Platform: x86_64-apple-darwin15.6.0 (64-bit)
## Running under: macOS High Sierra 10.13.3
## Matrix products: default
## BLAS: /Library/Frameworks/R.framework/Versions/3.4/Resources/lib/libRblas.0.dylib
## LAPACK: /Library/Frameworks/R.framework/Versions/3.4/Resources/lib/libRlapack.dylib
##
## locale:
## [1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8
## attached base packages:
                graphics grDevices utils
## [1] stats
                                              datasets methods
                                                                   base
##
## other attached packages:
## [1] sjPlot_2.4.0 bindrcpp_0.2 readr_1.1.1 dplyr_0.7.4 tidyr_0.7.2
## [6] knitr_1.17
## loaded via a namespace (and not attached):
## [1] nlme_3.1-131
                          RColorBrewer_1.1-2 rprojroot_1.2
```

##	[4]	tools_3.4.2	TMB_1.7.12	backports_1.1.1
##	[7]	R6_2.2.2	sjlabelled_1.0.6	DT_0.3
##	[10]	lazyeval_0.2.1	colorspace_1.3-2	nnet_7.3-12
##	[13]	tidyselect_0.2.3	mnormt_1.5-5	emmeans_1.1
##	[16]	curl_3.0	compiler_3.4.2	cli_1.0.0
##	[19]	sandwich_2.4-0	effects_4.0-0	scales_0.5.0
##	[22]	<pre>lmtest_0.9-35</pre>	mvtnorm_1.0-7	psych_1.7.8
##	[25]	blme_1.0-4	stringr_1.2.0	digest_0.6.12
		foreign_0.8-69	$minqa_1.2.4$	rmarkdown_1.8
##	[31]	$stringdist_0.9.4.6$	pkgconfig_2.0.1	htmltools_0.3.6
##	[34]	lme4_1.1-14	pwr_1.2-1	htmlwidgets_1.0
##	[37]	rlang_0.1.4	rstudioapi_0.7	shiny_1.0.5
##	[40]	bindr_0.1	zoo_1.8-1	magrittr_1.5
##	[43]	modeltools_0.2-21	bayesplot_1.4.0	Matrix_1.2-12
##	[46]	Rcpp_0.12.14	munsell_0.4.3	abind_1.4-5
		<pre>prediction_0.2.0</pre>	stringi_1.1.6	multcomp_1.4-8
		yaml_2.1.15	merTools_0.3.0	snakecase_0.8.1
		carData_3.0-0	MASS_7.3-47	plyr_1.8.4
##		grid_3.4.2	parallel_3.4.2	sjmisc_2.6.3
##		forcats_0.2.0	crayon_1.3.4	lattice_0.20-35
		ggeffects_0.3.1	haven_1.1.0	splines_3.4.2
		sjstats_0.14.0	hms_0.4.0	estimability_1.2
##	[70]	reshape2_1.4.2	codetools_0.2-15	stats4_3.4.2
##		glue_1.2.0	evaluate_0.10.1	modelr_0.1.1
##		httpuv_1.3.5	nloptr_1.0.4	gtable_0.2.0
##		purrr_0.2.4	assertthat_0.2.0	ggplot2_2.2.1
##		mime_0.5	coin_1.2-2	xtable_1.8-2
##		broom_0.4.3	survey_3.32-1	coda_0.19-1
		survival_2.41-3	tibble_1.3.4	arm_1.9-3
##	[91]	glmmTMB_0.2.0	TH.data_1.0-8	