

Homework 1 Submission 1

Tammy Dang

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr      1.1.4      v readr      2.1.5
v forcats    1.0.0      v stringr    1.5.2
v ggplot2    4.0.0      v tibble     3.3.0
v lubridate  1.9.4      v tidyr      1.3.1
v purrr      1.1.0

-- Conflicts ----- tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()     masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become warnings

[1] "/Users/tammydang/Downloads/EMORY/ECON-470/homework1/submission1"
```

Question 1:

Provide a table of the count of plans under each plan type. Your table should look something like Table 1. (2 points)

Warning: One or more parsing issues, call `problems()` on your data frame for details, e.g.:

```
dat <- vroom(...)
problems(dat)
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1876 Cost Employer/Union Only Direct Contract PDP	
1212	36
HCPP - 1833 Cost	HMO/HMOPOS
108	32064

	Local PPO	Medicare Prescription Drug Plan
	11592	12129
Medicare-Medicaid Plan	HMO/HMOPOS	MSA
	648	60
	National PACE	PFFS
	3038	600
	Regional PPO	
	1308	

Question 2:

Remove all special needs plans (SNP), employer group plans (eghp), and all “800-series” plans. Provide an updated version of Table 1 after making these exclusions. (2 points)

	HMO/HMOPOS	Local PPO
	32064	11592
Medicare Prescription Drug Plan		MSA
	12129	60
	National PACE	PFFS
	3038	600
	Regional PPO	
	1308	

Question 3:

Now repeat the same filters from part 2 but also focus only on counties in which plans are approved as per the service area files. With these data, provide a table of the average enrollments for each plan type. (2 points)