

Final Assignment

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Data set 1: Biomedical Data

Introduction

Data and Methods

age	date	m1	m2	m3	m4
22	60079	52	83.5	10.9	176
32	80078	20	77.0	11.0	200
36	70078	28	86.5	13.2	171
22	110079	30	104.0	22.6	230
23	10078	40	83.0	15.2	205
30	50079	24	78.8	9.6	151

age	date	m1	m2	m3	m4
30	100078	167	89	25.6	364
41	100078	104	81	26.8	245
22	80079	30	108	8.8	284
22	80079	44	104	17.4	172
20	100078	65	87	23.8	198
42	90078	440	107	20.2	239

Results

Conclusion

Data Set 2: DNA Data

Introduction

Data and Methods

	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10	V11	V12	V13	V14	V15	V16	V17	V18	V19	V20	V21	V22	V23	V24	V25	V26	V27	V28	V29	V30	V31	V32	V33	V34	V35	V36	V37	V38	V39	V40	V41	V42	V43	V44	V45
posT	C	G	A	C	G	G	G	A	T	C	A	C	G	A	G	G	T	C	A	G	G	A	G	A	T	C	G	A	G	A	C	C	A	T	C	C	T	G	A	C	T	A	C	C	
posG	C	G	G	G	C	G	C	C	T	G	T	A	G	T	T	C	C	A	G	C	T	A	C	T	C	G	G	G	A	G	G	C	T	G	A	G	G	A	G	G	G	A	G	A	
posT	C	C	A	G	C	C	T	G	G	G	C	G	A	C	A	G	A	G	C	G	A	G	A	C	T	C	C	G	T	C	T	C	A	A	A	A	A	A	A	A	A	A	A	A	
posT	T	T	T	C	T	G	G	C	C	T	A	C	T	A	C	C	T	T	T	A	A	A	A	T	T	C	C	T	G	T	T	G	C	A	T	T	T	C	T	T	T	G	T	A	
posT	T	A	A	A	C	T	T	G	C	A	C	C	A	A	T	G	T	C	T	G	C	T	C	T	T	T	T	T	T	T	T	T	A	A	T	G	T	T	T	T	T	G	G	T	
posG	C	A	T	T	C	C	C	T	T	T	A	A	A	T	A	C	C	T	G	T	C	T	T	A	A	C	C	T	C	C	T	A	C	T	T	T	T	A	T	T	T	C	C	T	

Results

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Future Work

Appendix

```
## -----  
## complete source code for this document can be found at:  
## https://github.com/joelstrouts/PDS-week-9  
## -----  
  
## Reading Data  
## =====  
  
get_fpath <-  
  {function (fname) paste("../resources/data-sets/", fname, sep="")}  
read_transpose_df <-  
  {function (fpath, ...) as.data.frame(t(read.table(fpath, ...)))}  
  
df_blood_samples_n <- read.table(get_fpath("normals.txt"), header = TRUE)  
df_blood_samples_c <- read.table(get_fpath("carriers.txt"), header = TRUE)  
df_human_phage_dna <- read.table(get_fpath("human-phage.txt"))  
  
knitr::kable(head(df_blood_samples_n))  
knitr::kable(head(df_blood_samples_c))  
knitr::kable(head(df_human_phage_dna))  
## End of Document  
## =====
```