

PCA – Scree Plot

Percentage of explained variances

50

40

30

20

10

0

1

2

3

4

5

6

7

Dimensions

24.9%

19.3%

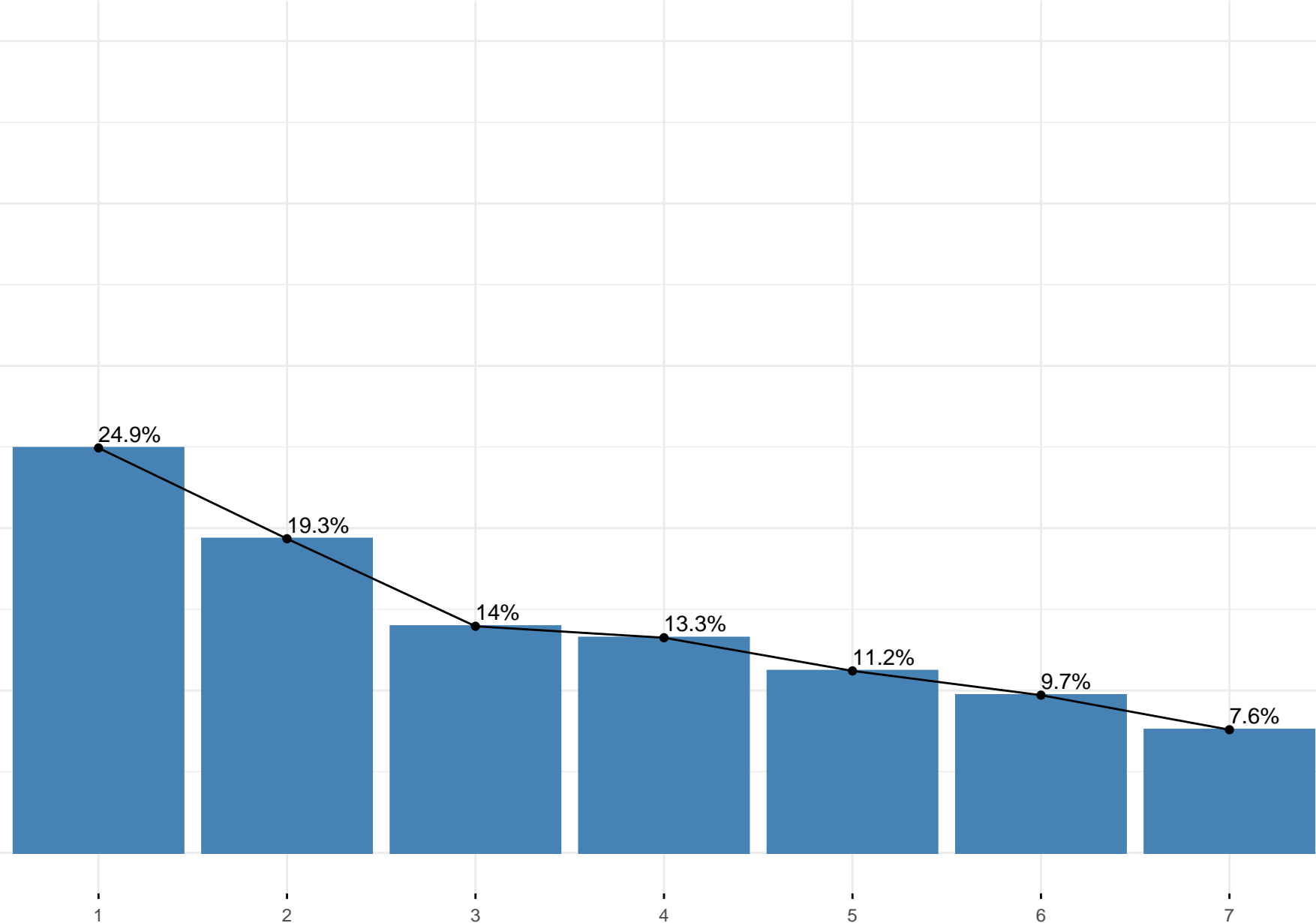
14%

13.3%

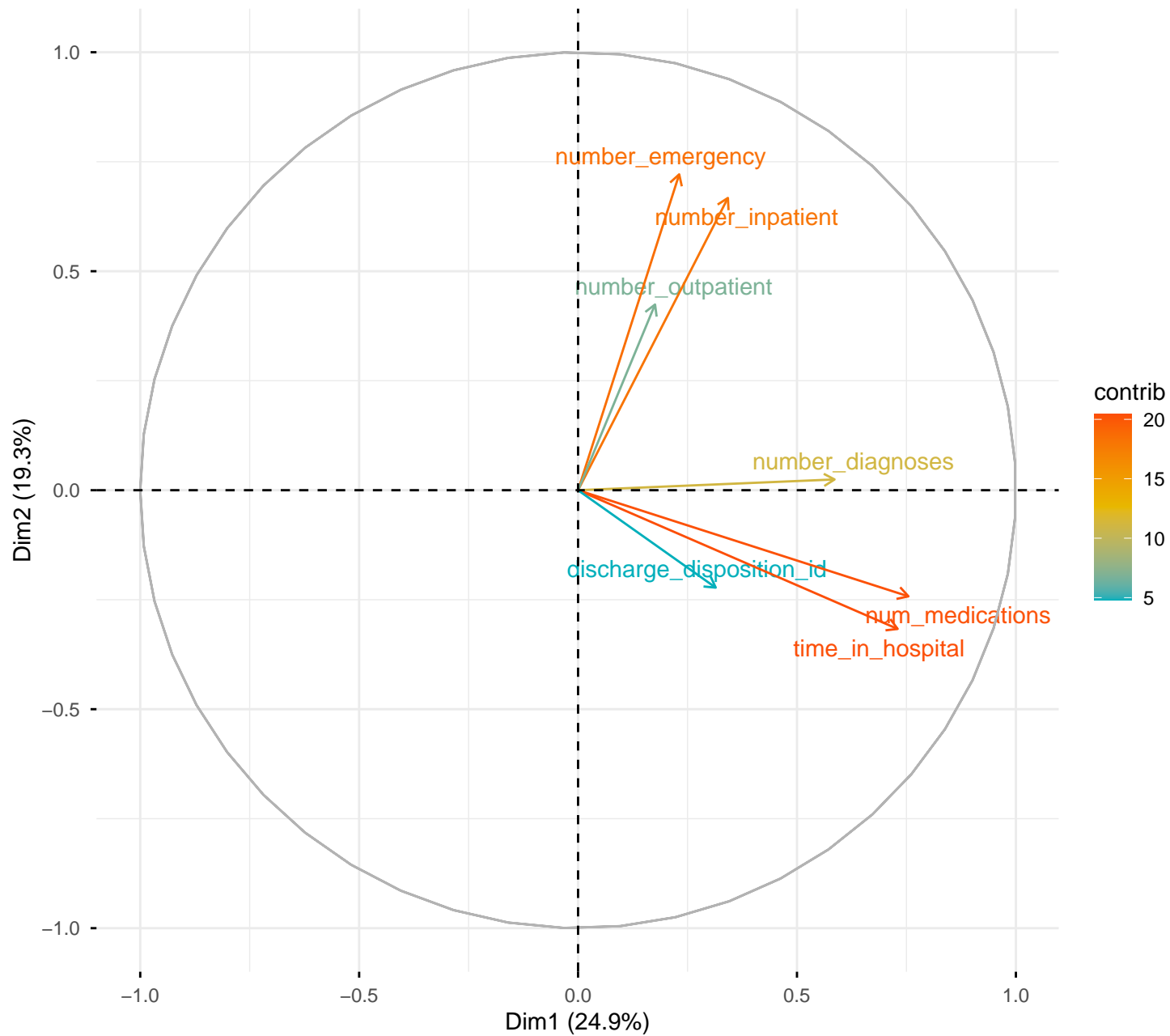
11.2%

9.7%

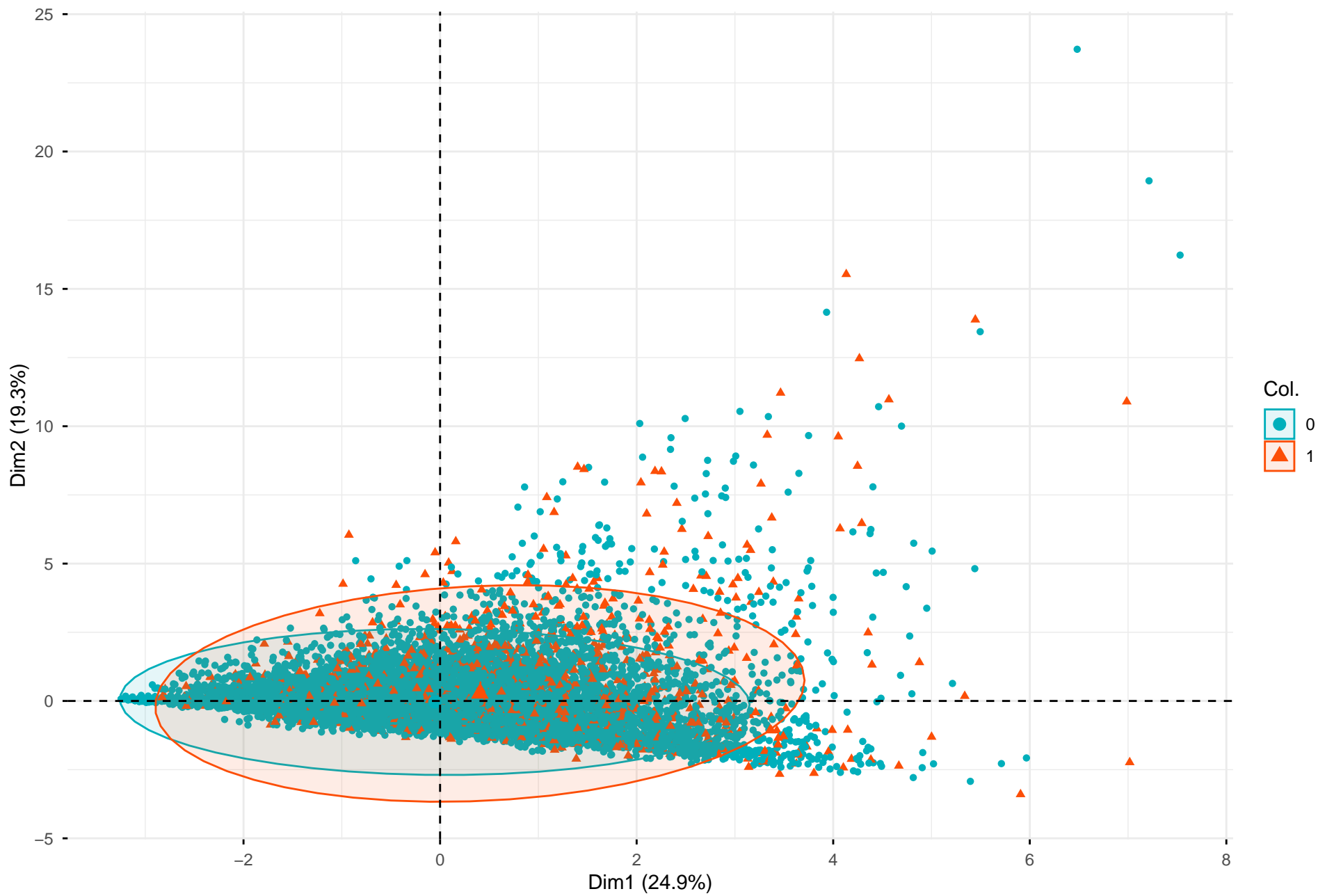
7.6%



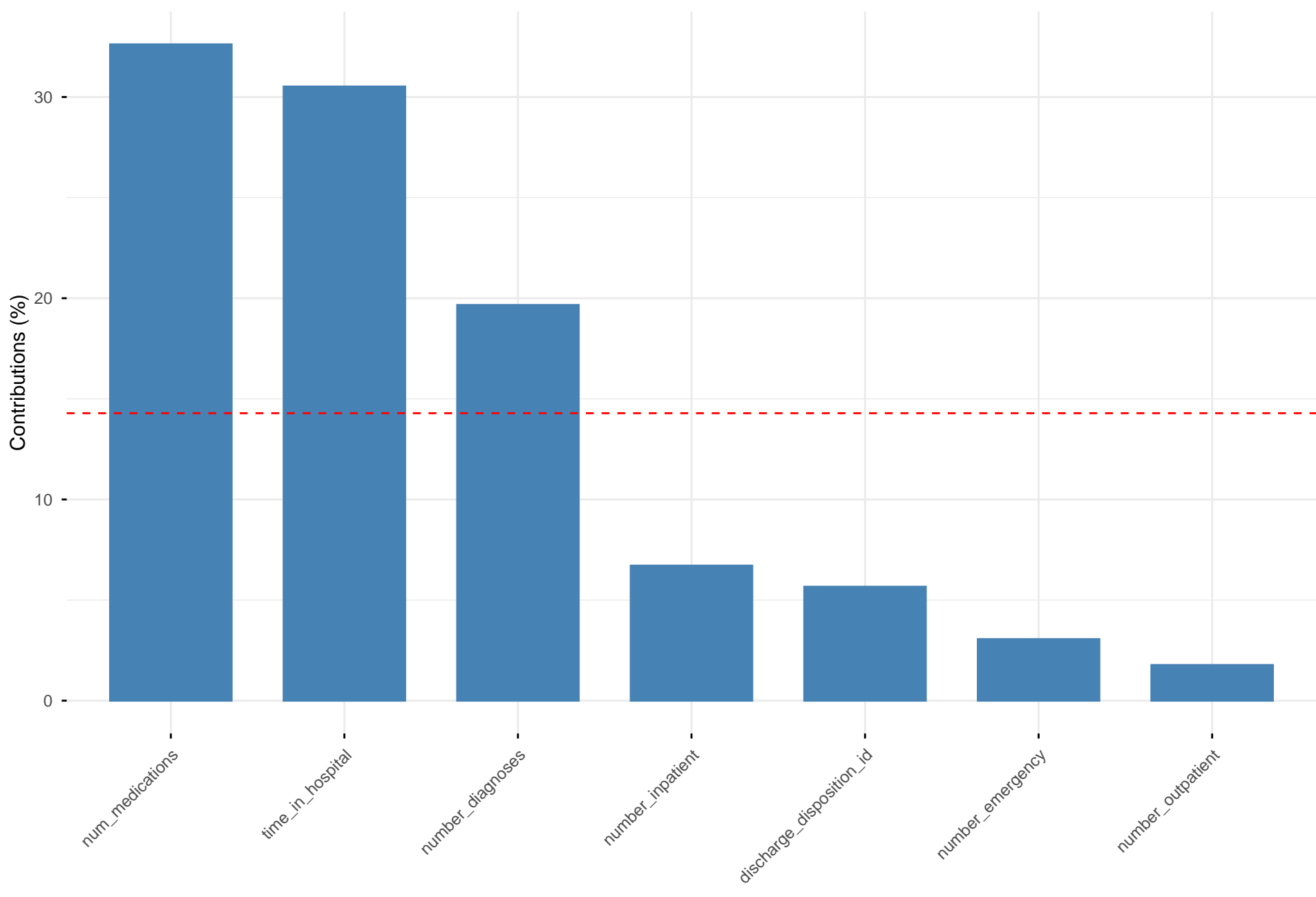
PCA – Variable Contribution



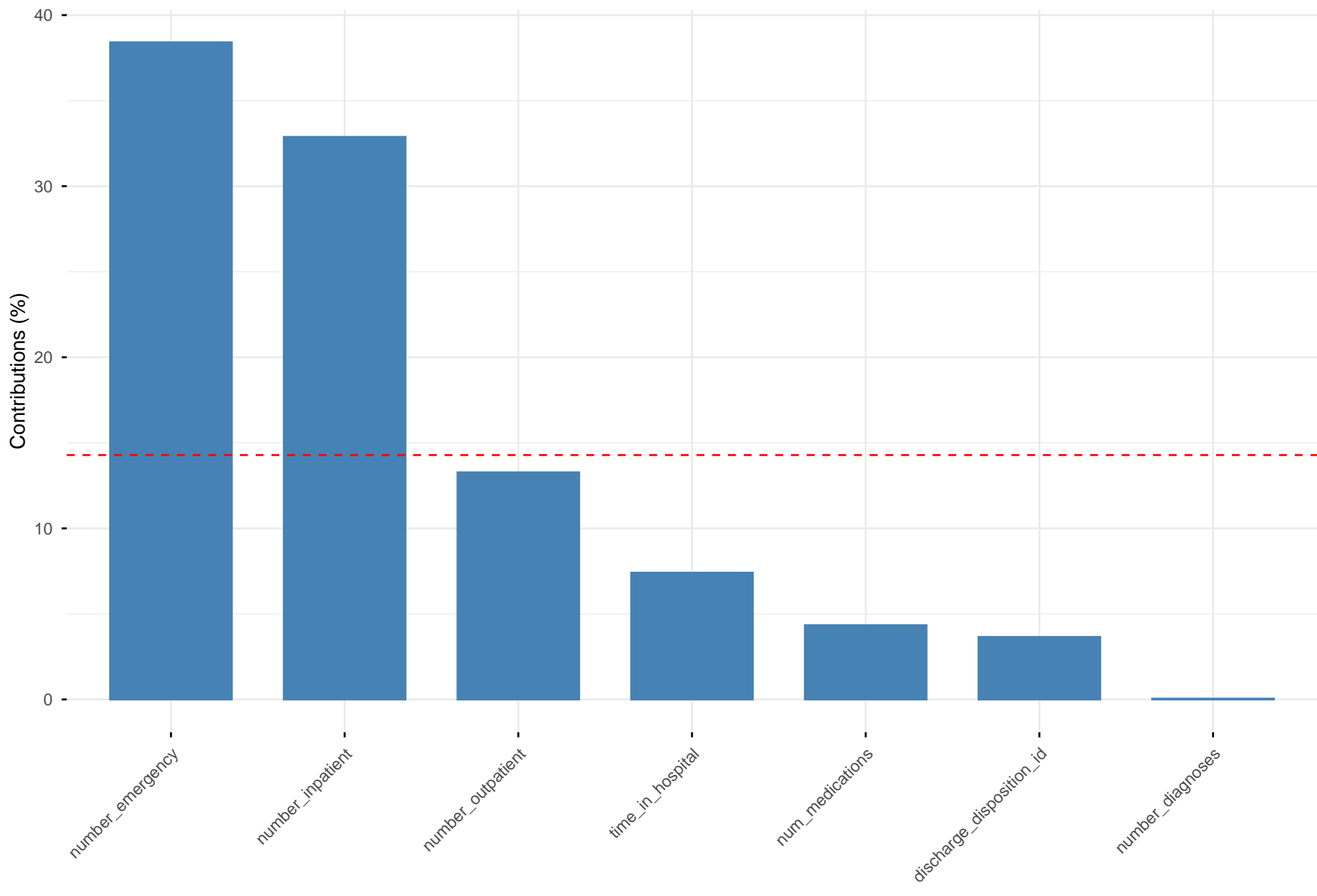
PCA – Individuals



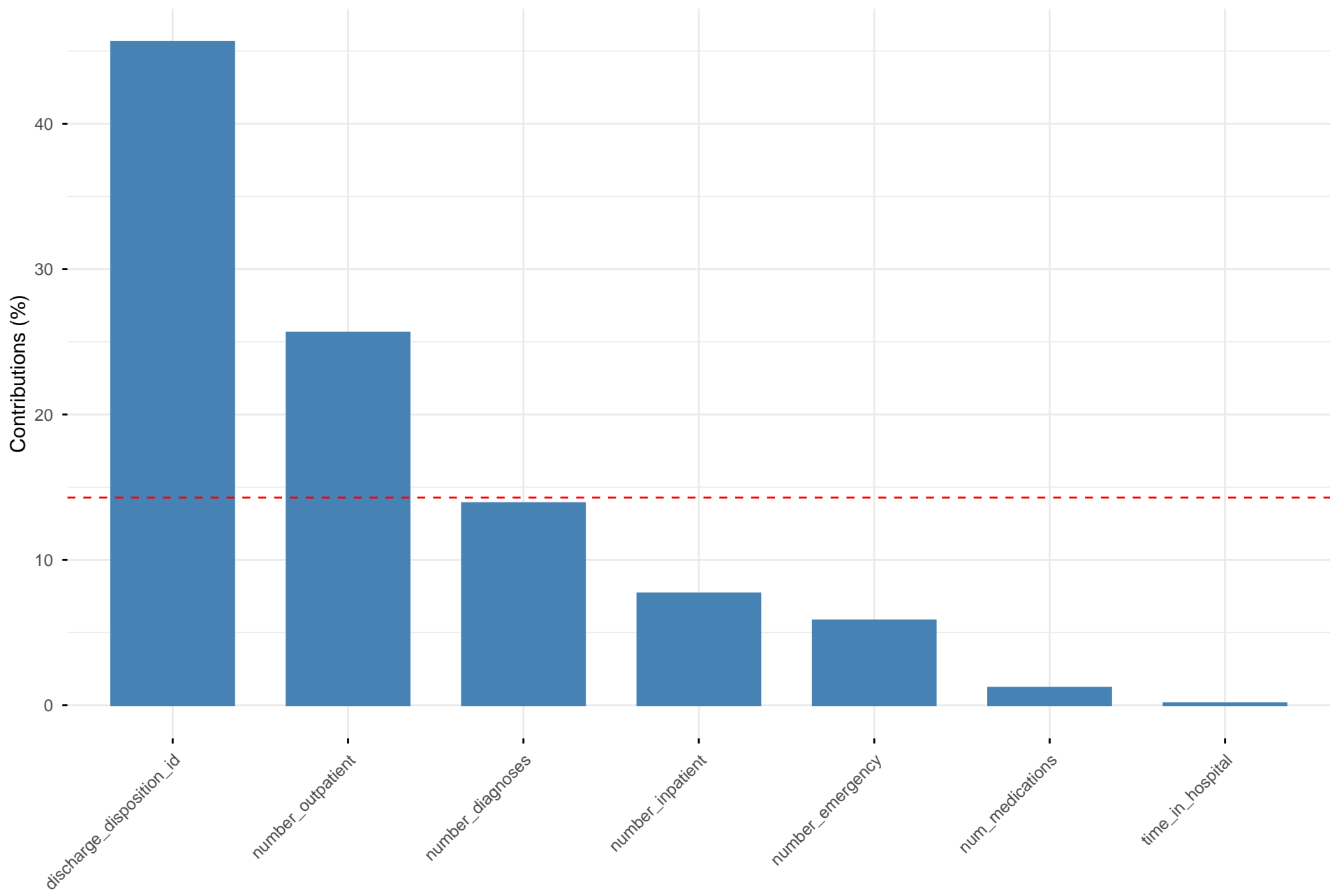
Contribution to PC1



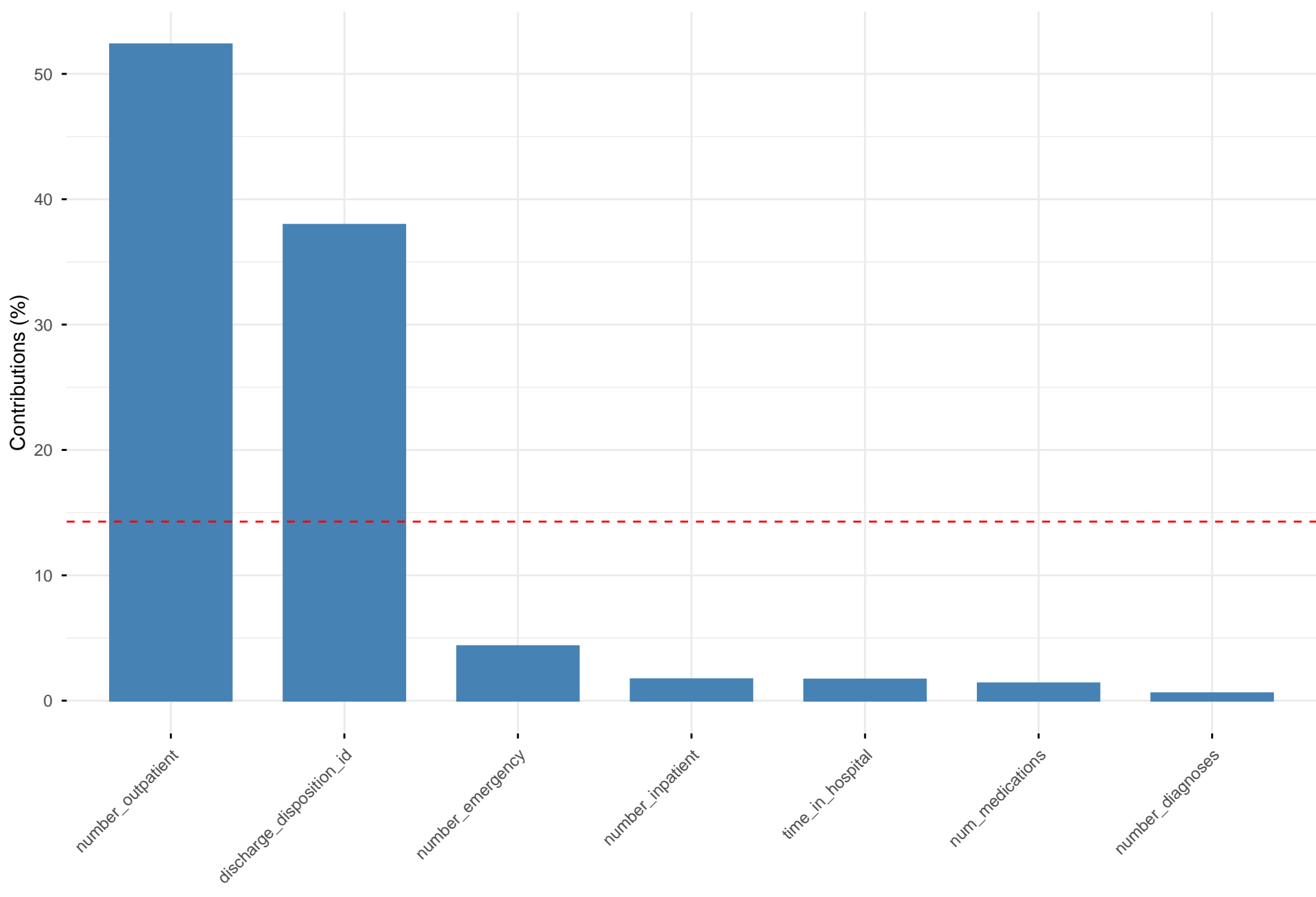
Contribution to PC2



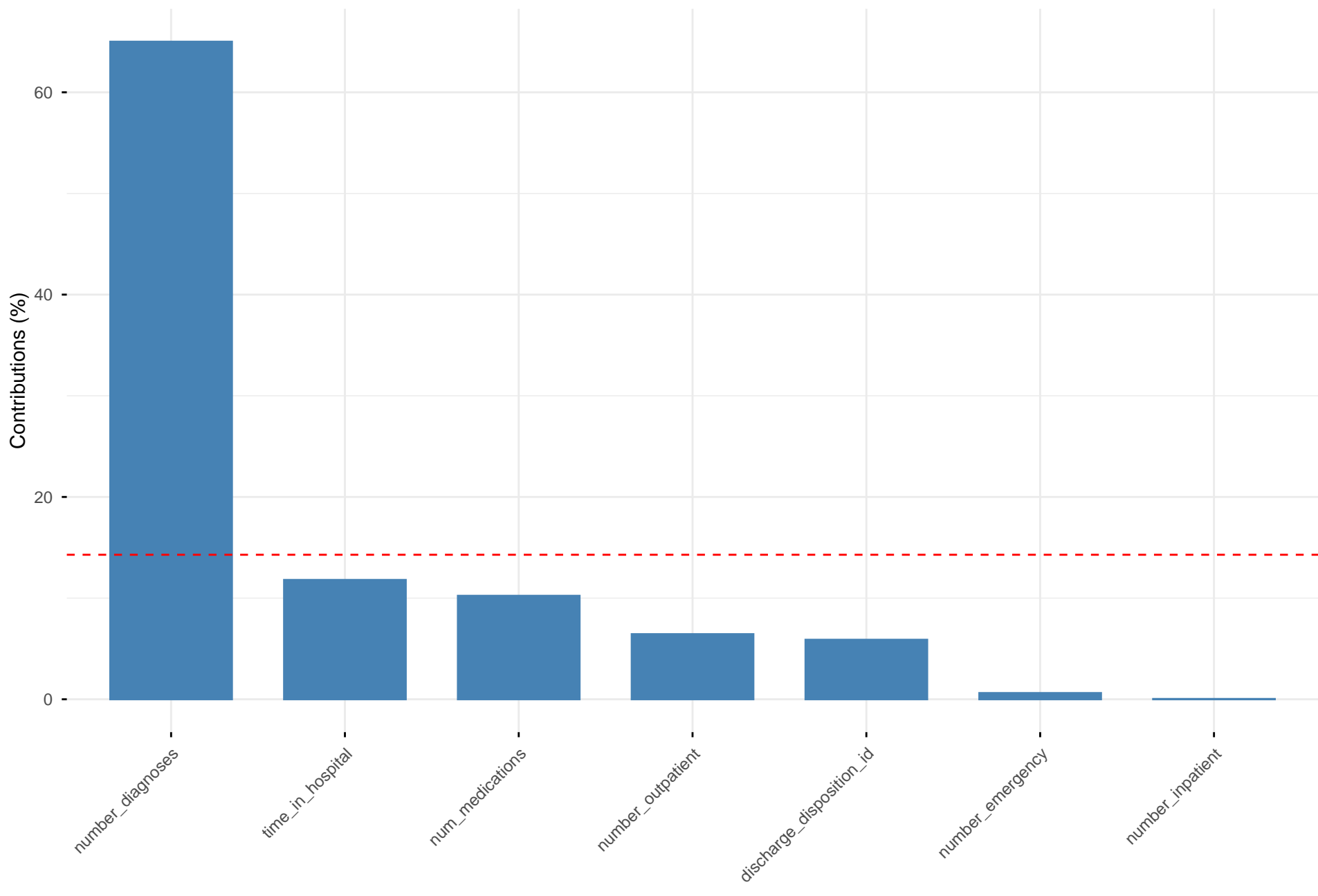
Contribution to PC3



Contribution to PC4



Contribution to PC5



Component 2

number_emergency
number_inpatient

number_outpatient

number_diagnoses

discharge_disposition_id

num_medications
time_in_hospital

Component 1

-1.0

-0.5

0.0

0.5

1.0

Component 2

1.0
0.5
0.0
-0.5
-1.0

Component 1

-1.0

-0.5

0.0

0.5

1.0

number_inpatient

discharge_disposition

number_emergency

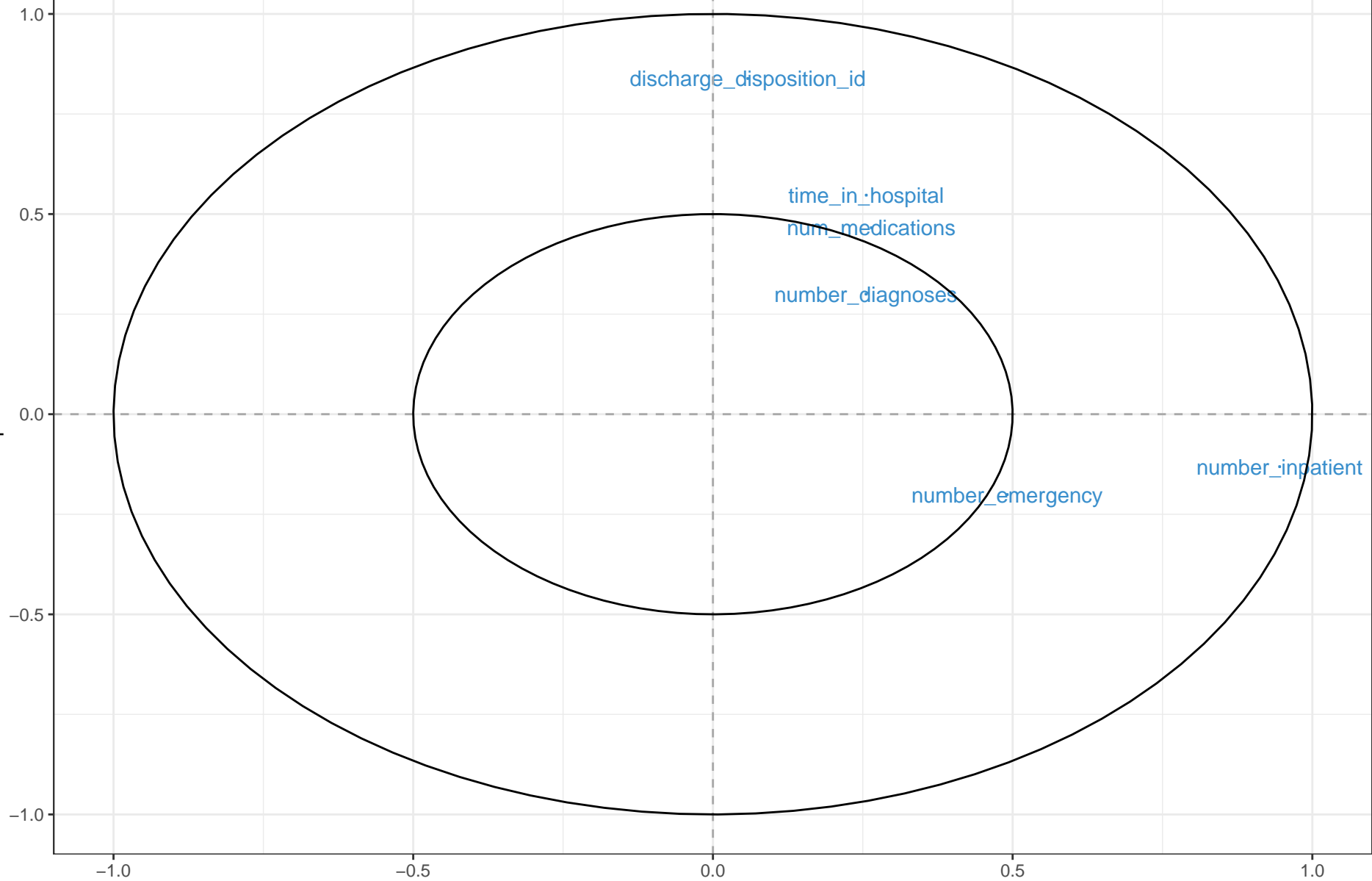
number_outpatient

number_diagnoses

time_in_hospital

num_medications

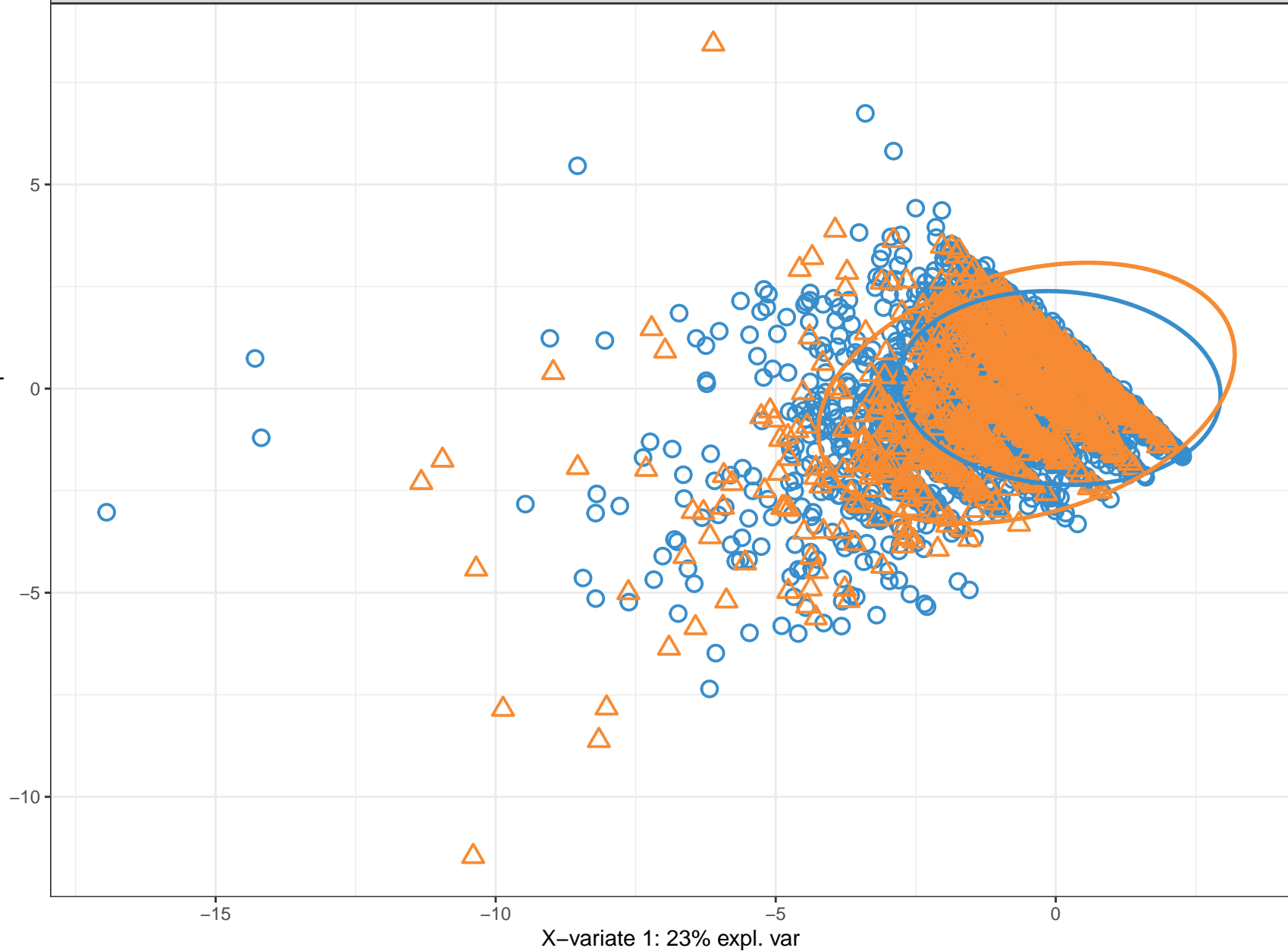
Component 2



Component 1

PLS-DA – Individuals

X-variate 2: 16% expl. var



Component 2

1.0
0.5
0.0
-0.5
-1.0

Component 1

-1.0

-0.5

0.0

0.5

1.0

num_medications

time_in_hospital

number_diagnoses

number_outpatient

number_emergency

discharge_disposition_id

number_inpatient

PLS-DA – Loadings PC1

