

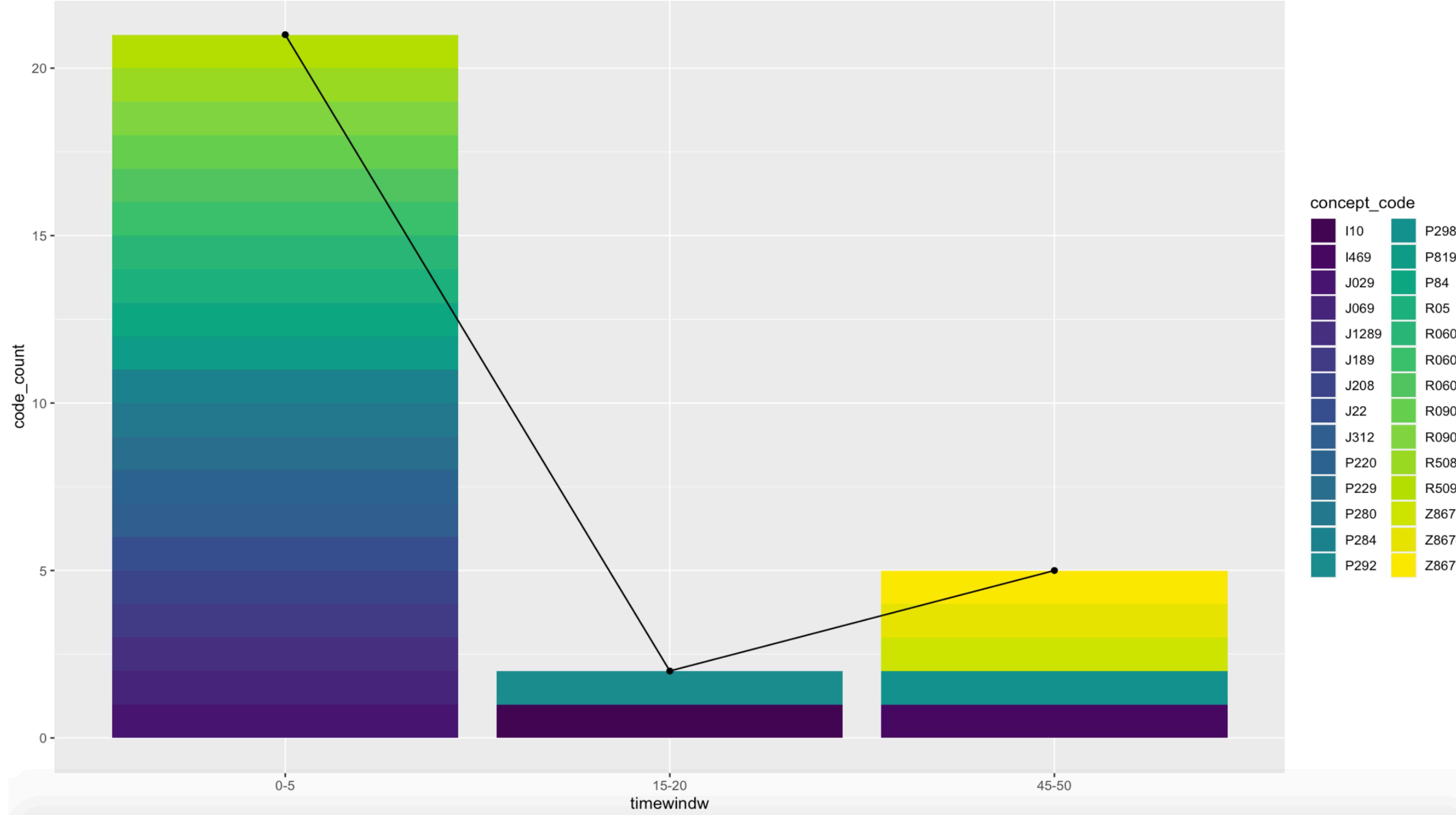
COVID-19 Long-hauler Analysis [work in progress]

Synthetic Data

Tiffany Tuedor | 02-12-2021

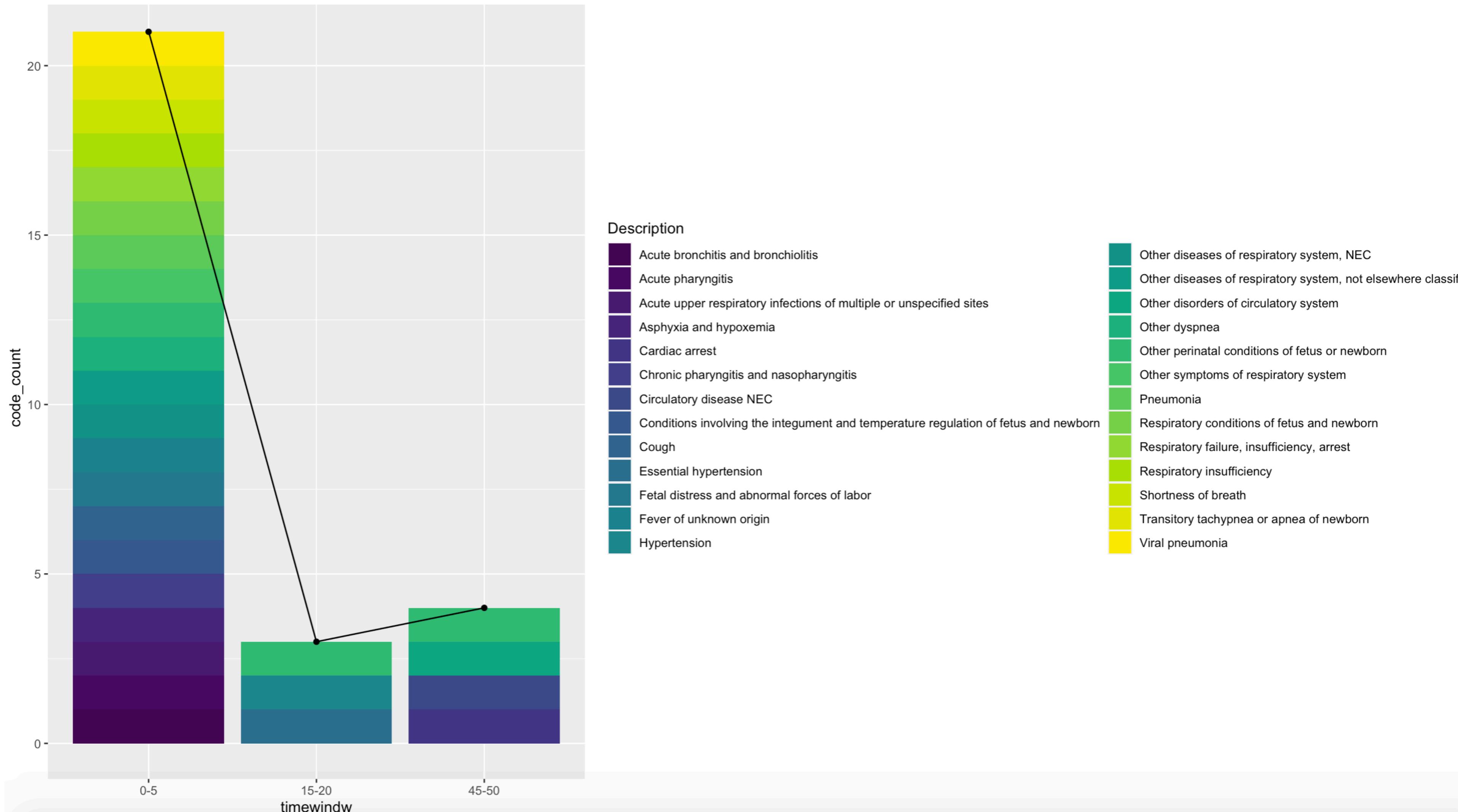
Phenotype Code - Patient Count Over Time

[Example] Patient #: 49087

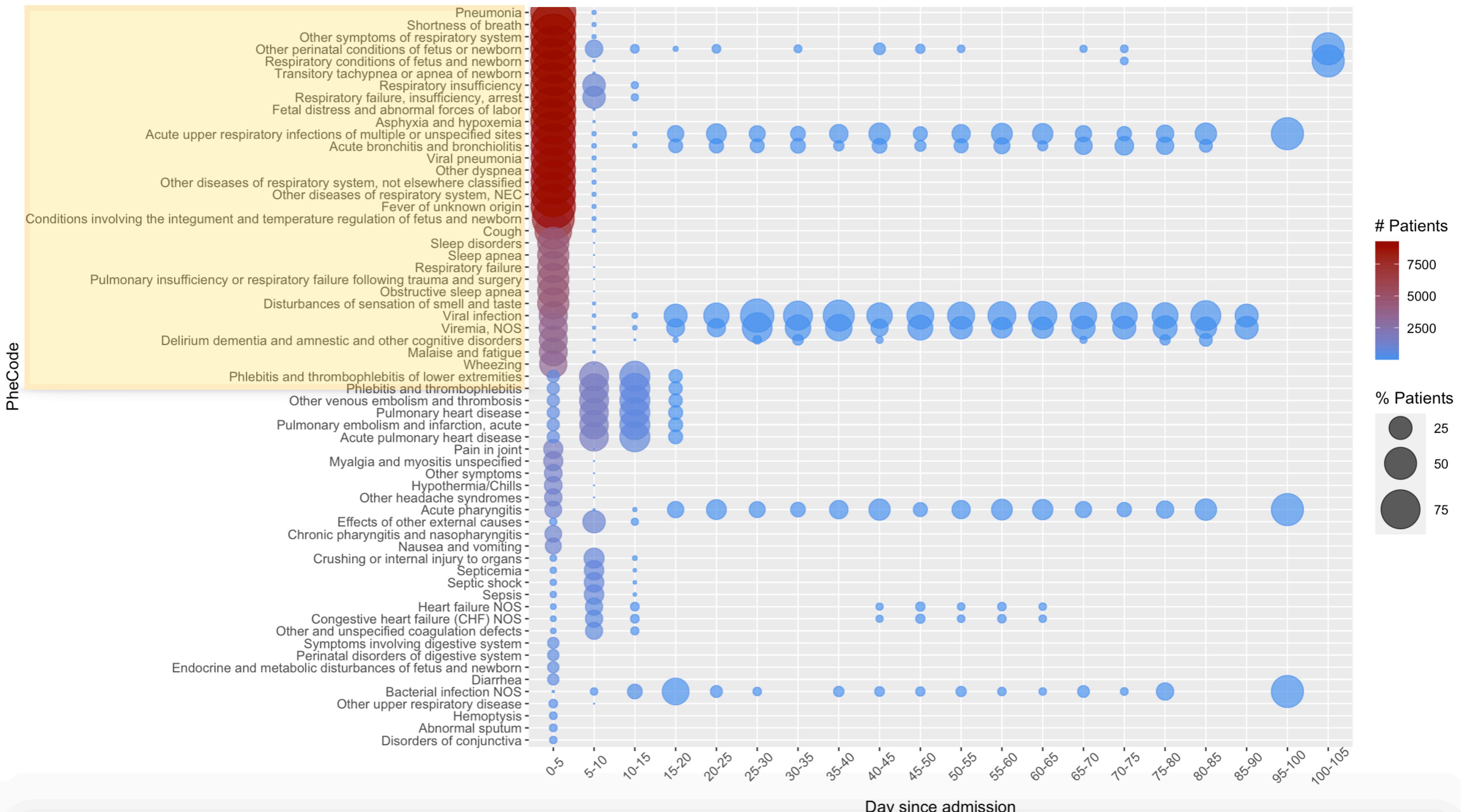


Phenotype Code - Patient Count Over Time

[Example] Patient #: 49087

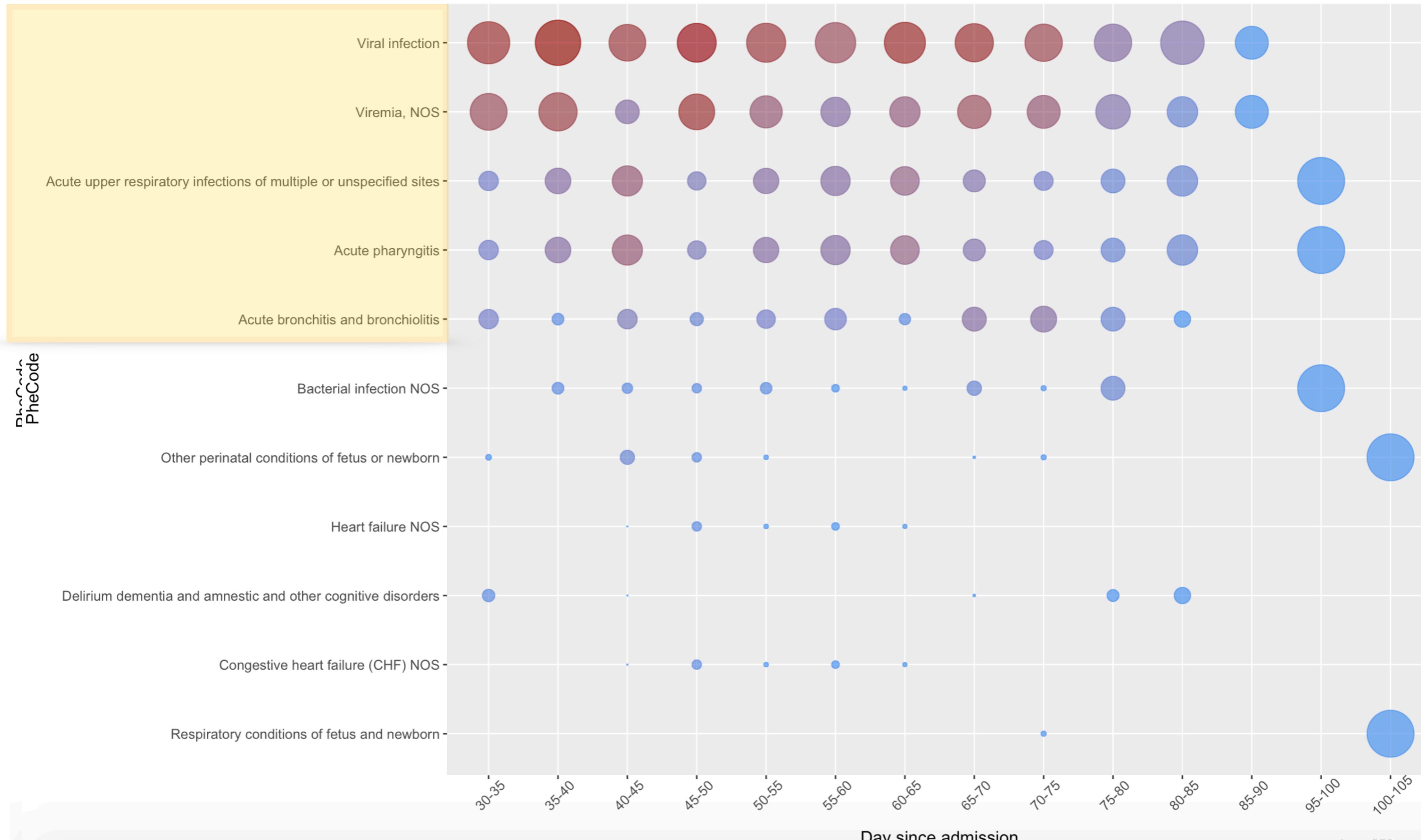


Case #1: All Diagnoses On, Prior to, or After Admission (total)



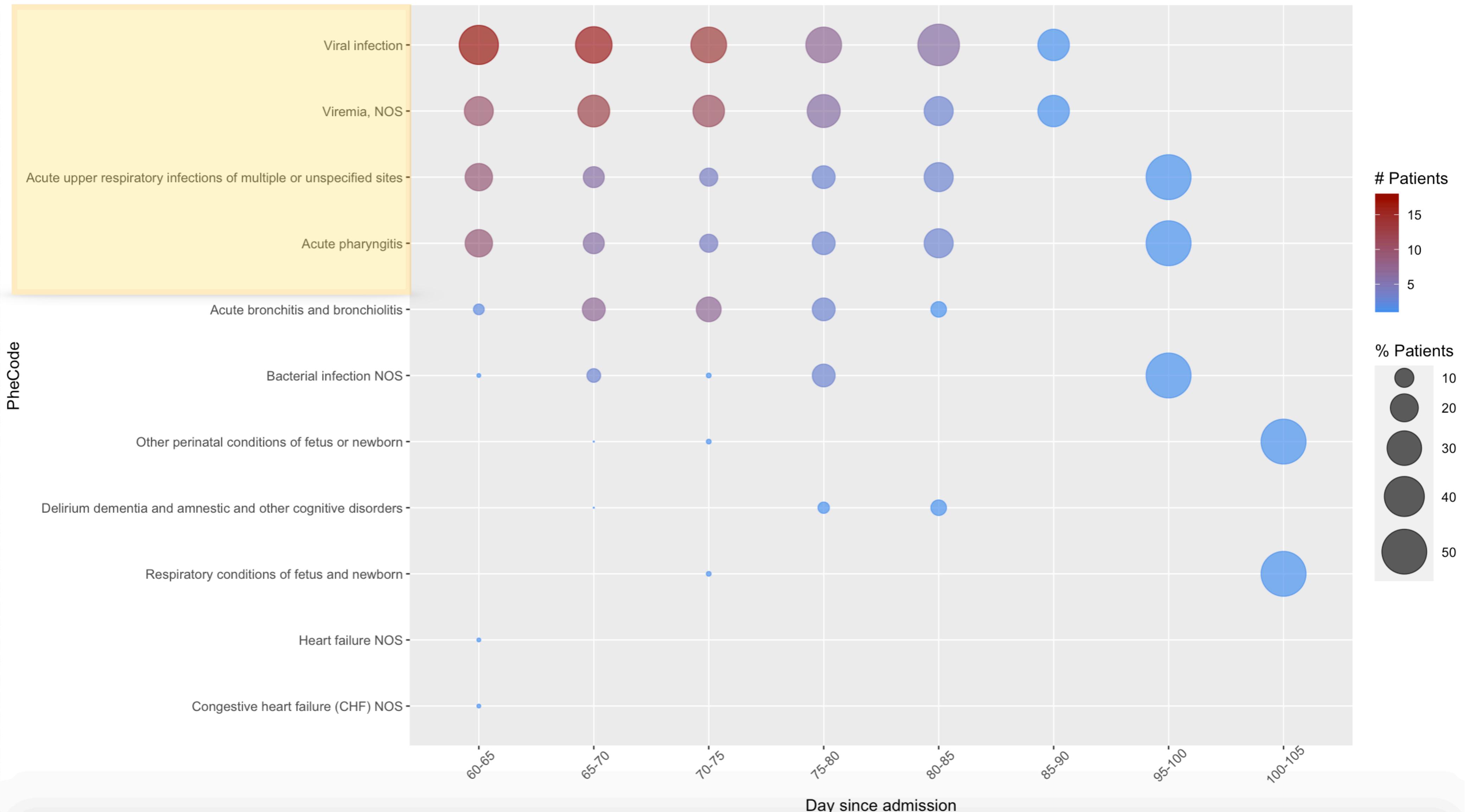
*will use 150D in real data

Case #2: New Diagnoses After Admission (30D -)

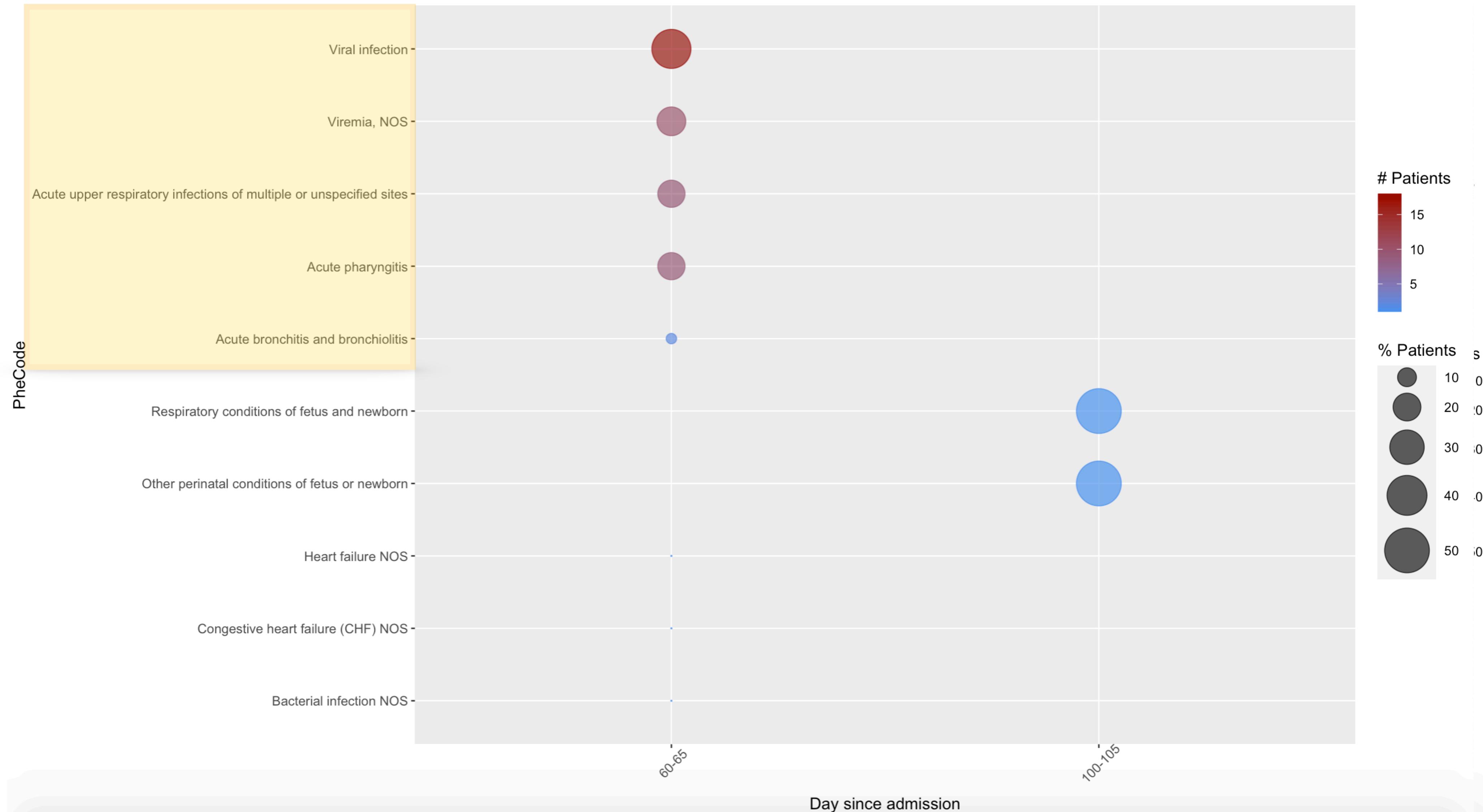


*will use 150D in real data

Case #3: New Diagnoses After Discharge: 60D-100D

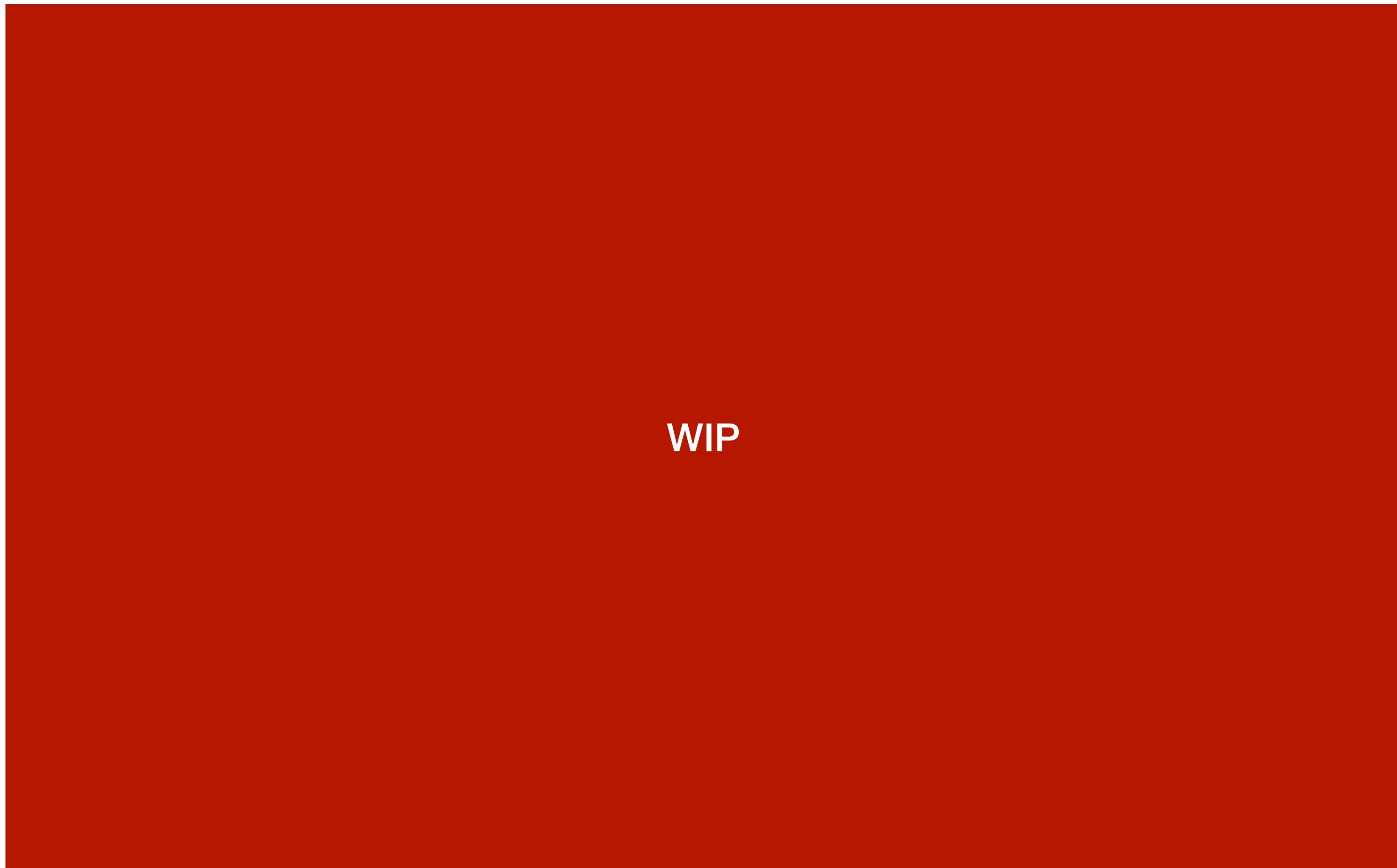


Case #4: First Diagnoses that are New After Discharge (60D and 100D)



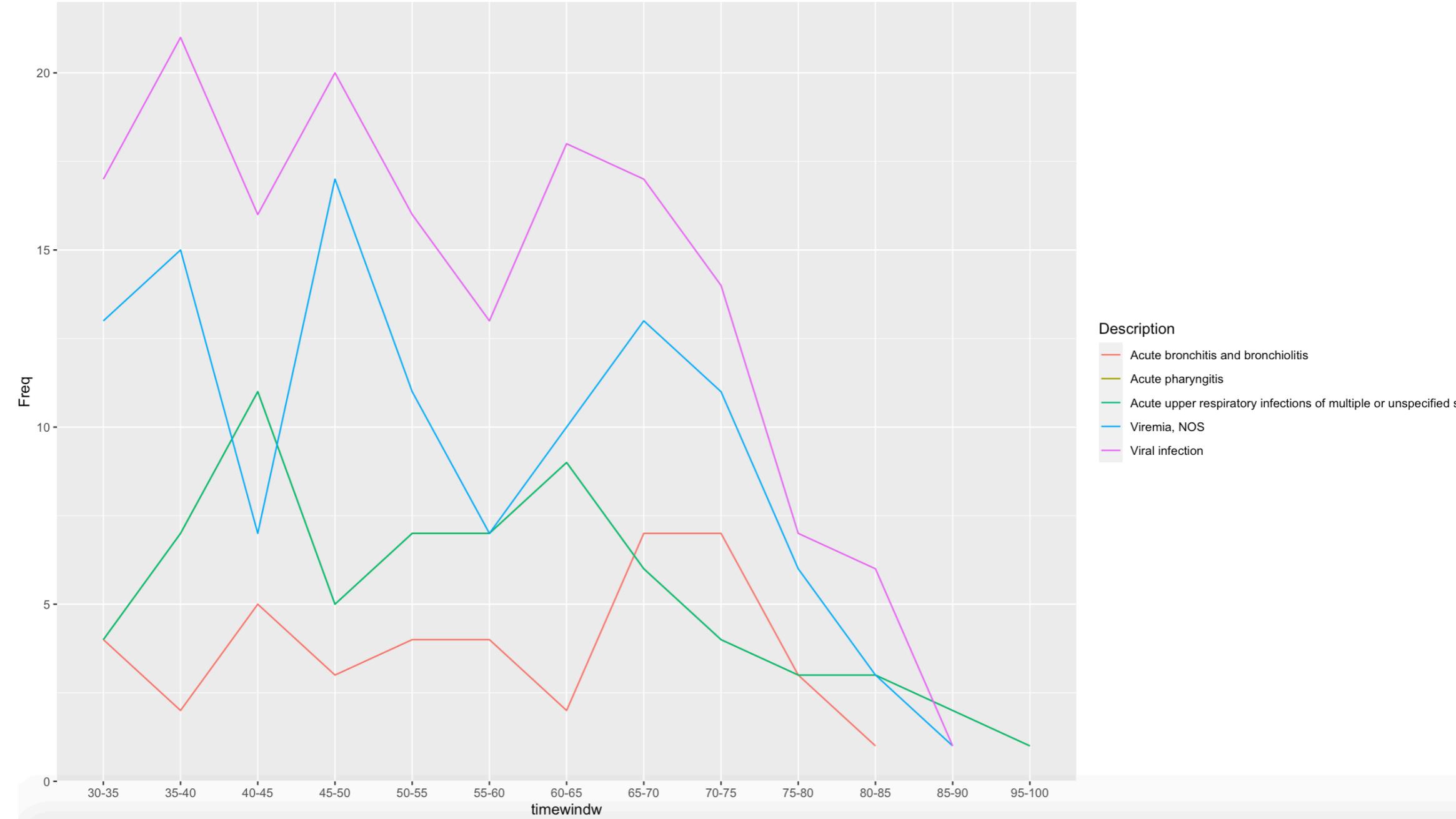
*will use 150D in real data

Case #5: Matched Controls

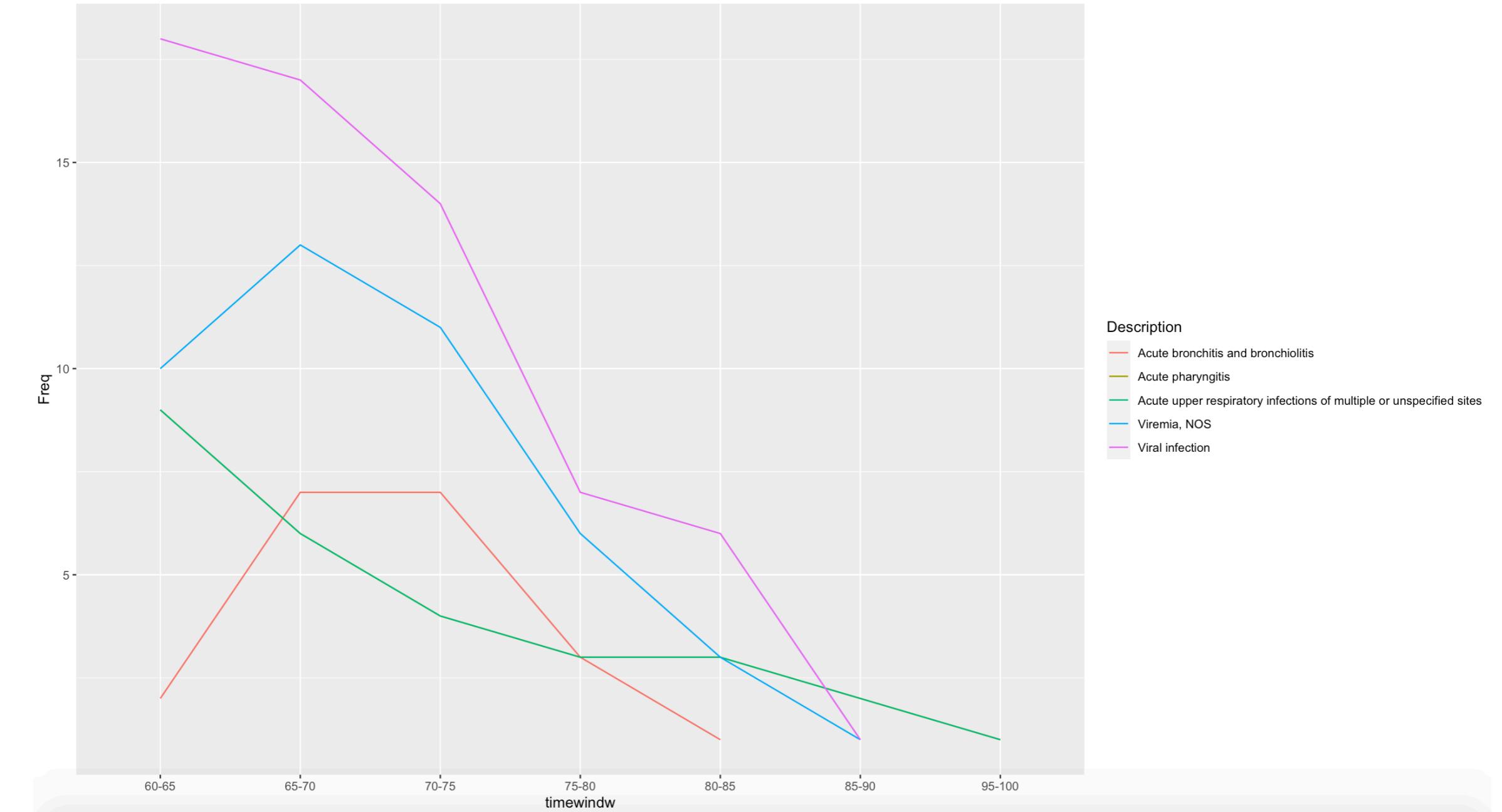


Frequency Over Time (based on Case #2 and Case #3)

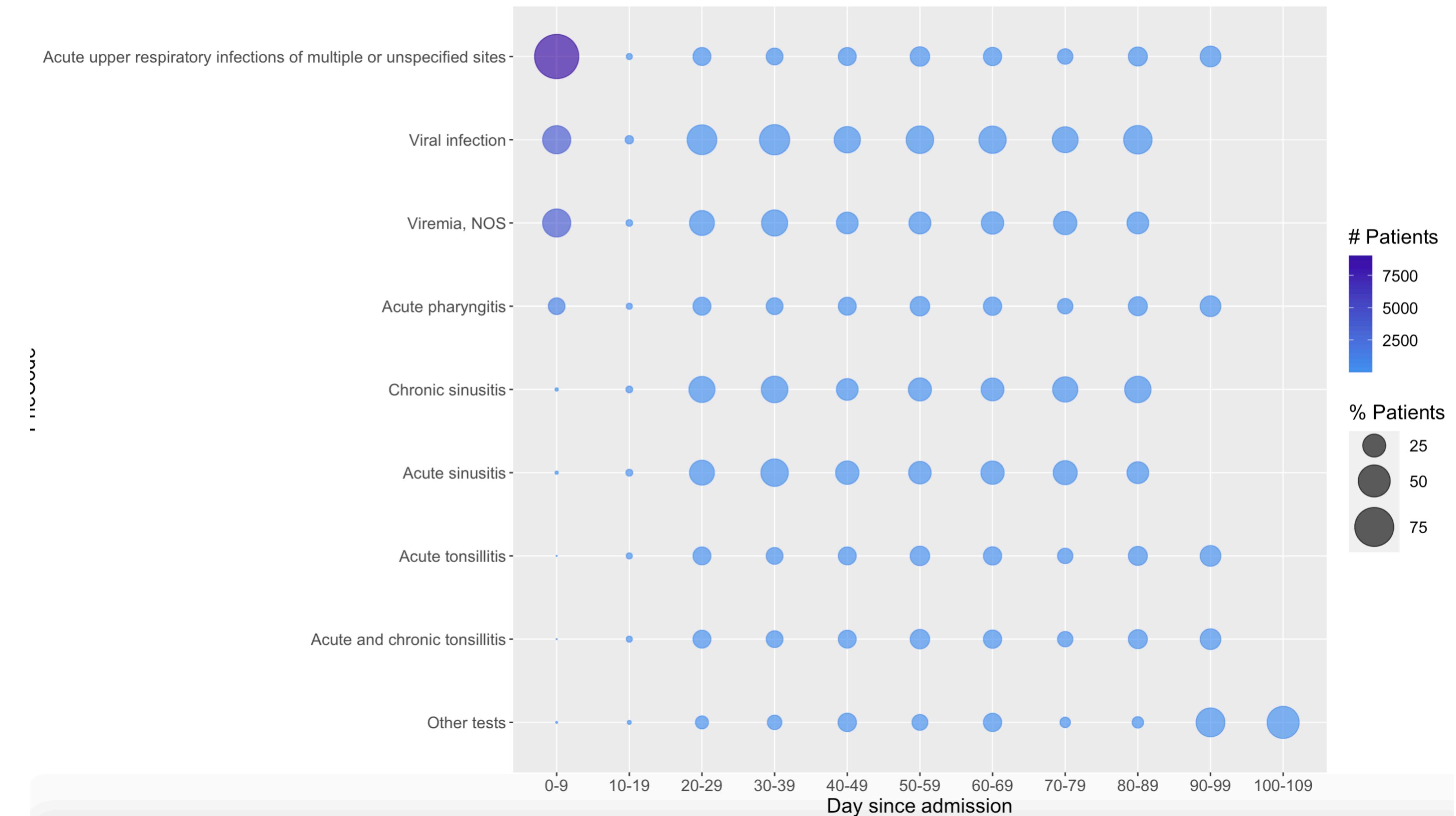
Case #2:
Diagnoses After New Admission (30D -)



Case #3:
New Diagnoses After Discharge: 60D-100D



Appendix



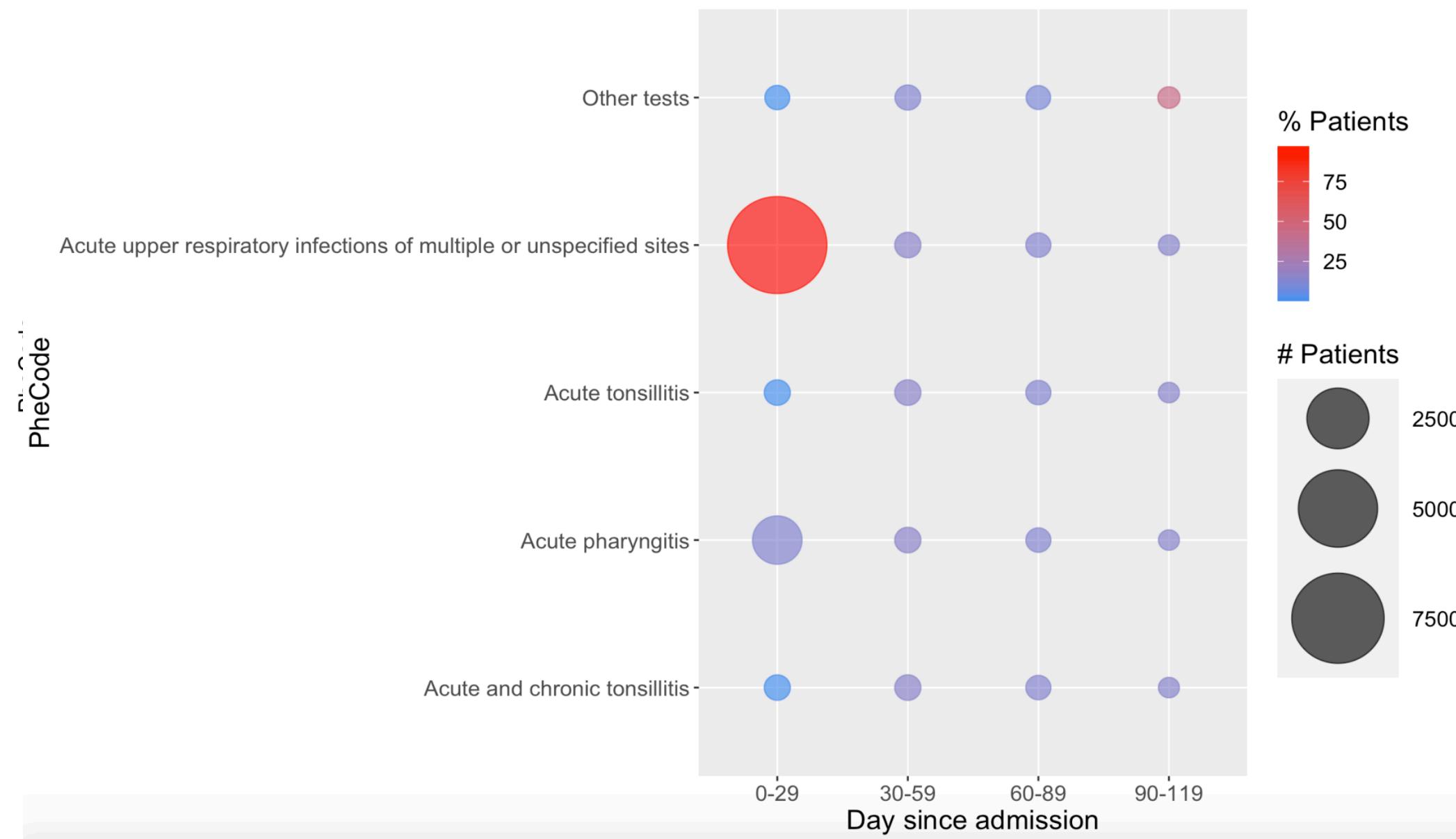
Graph B



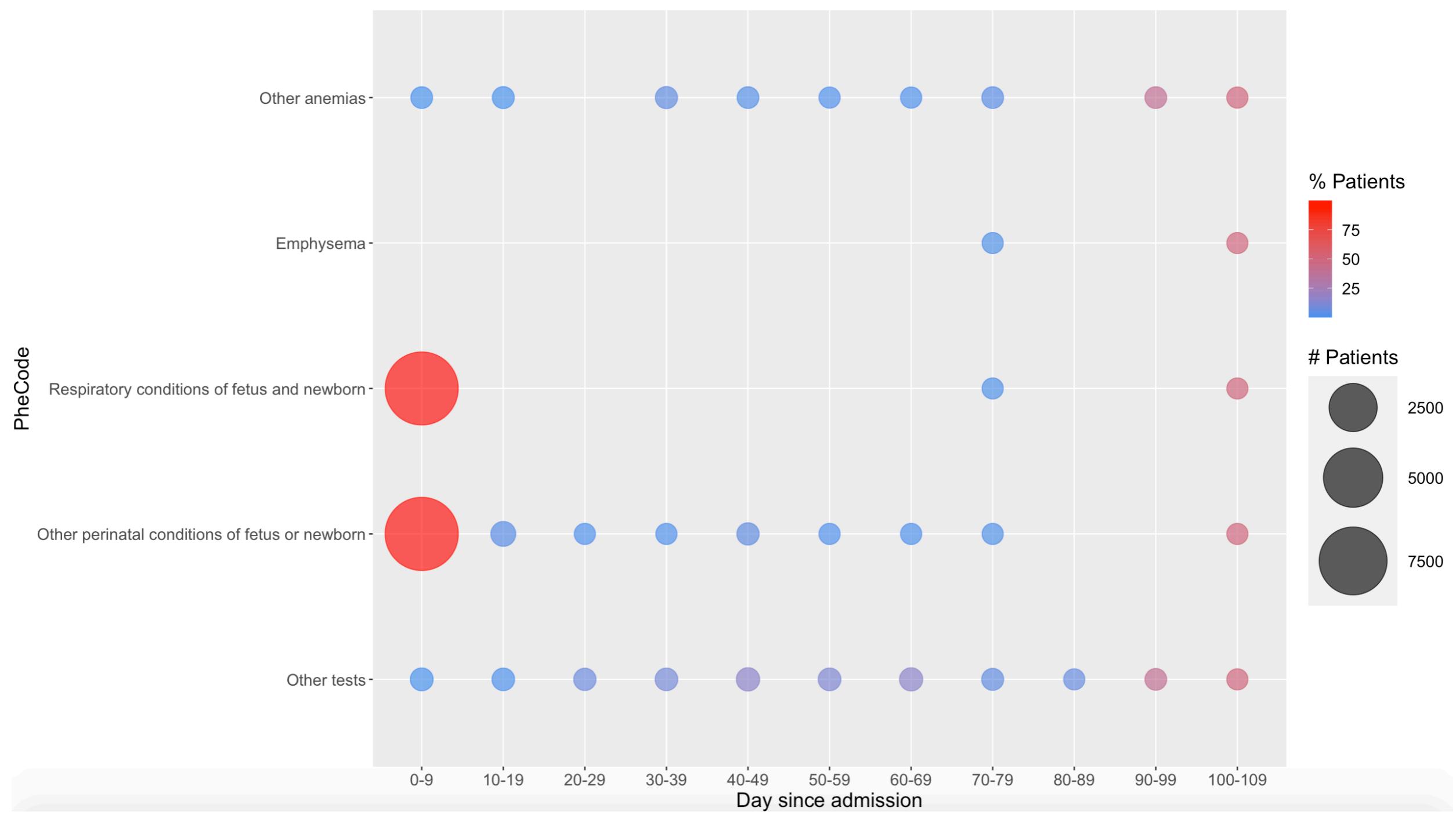
timewindw	Description	Freq	perc	Pts
90-119	Acute and chronic tonsillitis	1	14.28571	7
90-119	Other tests	3	42.85714	7
90-119	Acute pharyngitis	1	14.28571	7
90-119	Acute tonsillitis	1	14.28571	7
90-119	Acute upper respiratory infections of multiple or unspecified sites	1	14.28571	7

Graph B (updated time intervals)

Total:

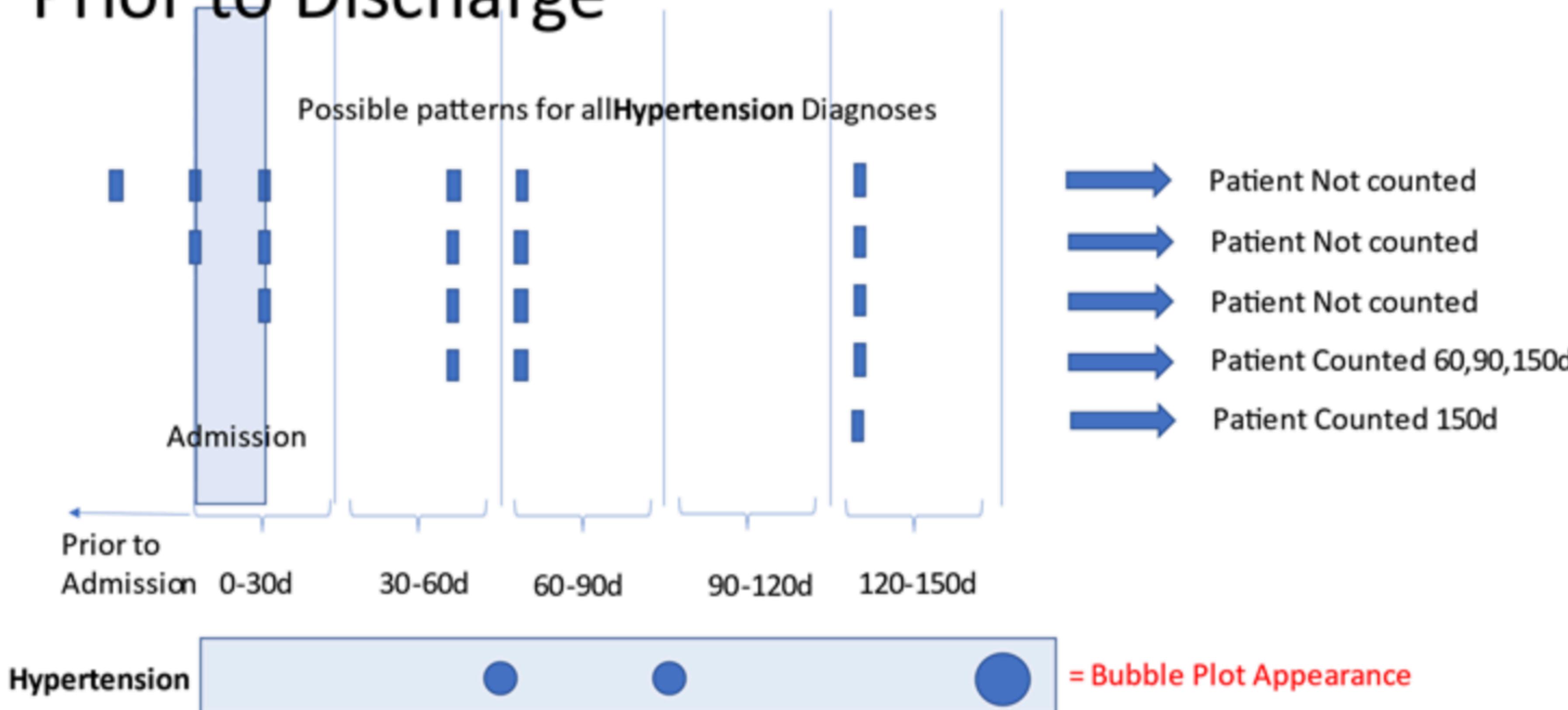


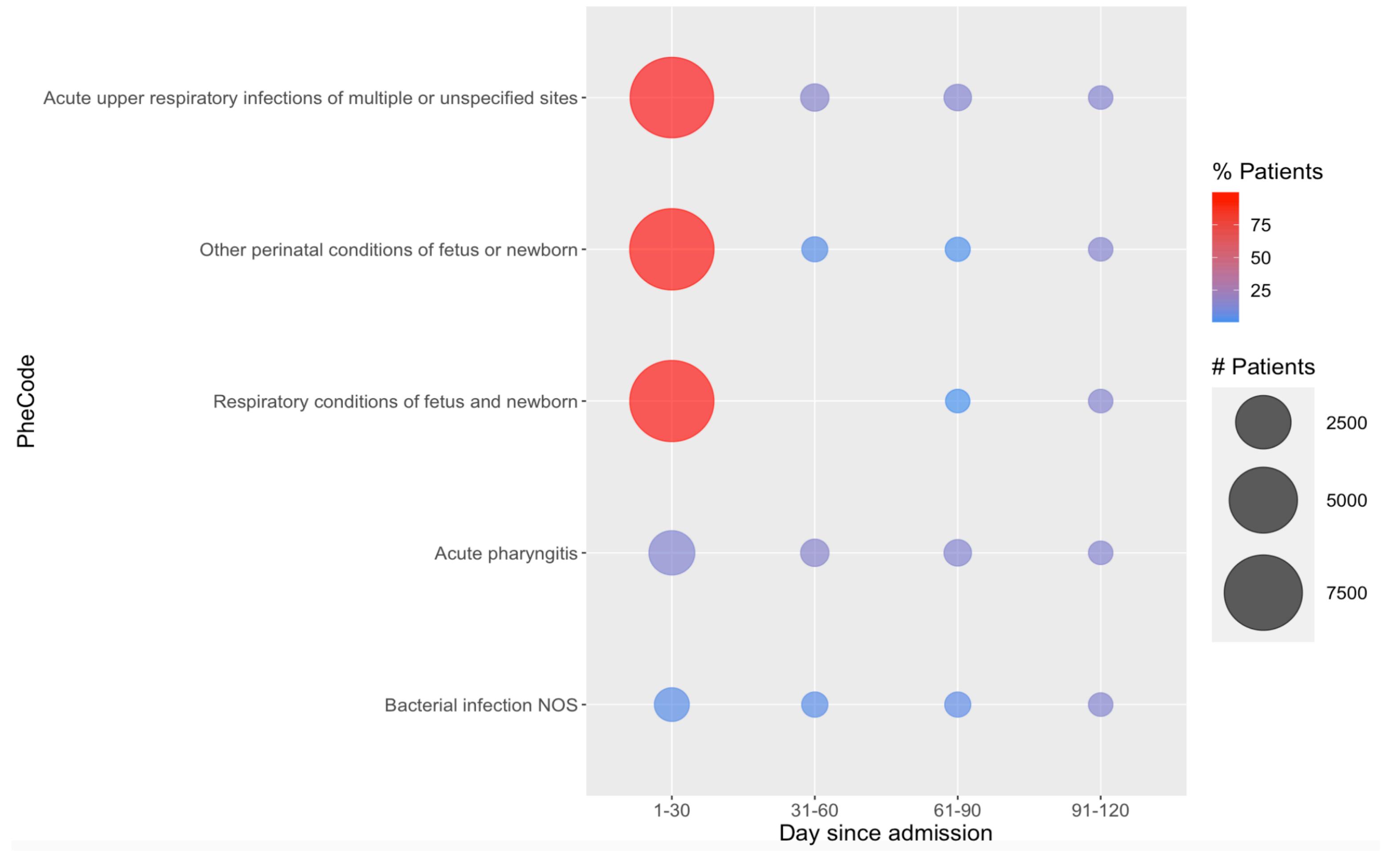
Subtract Diagnoses:



Subtraction Graph (example)

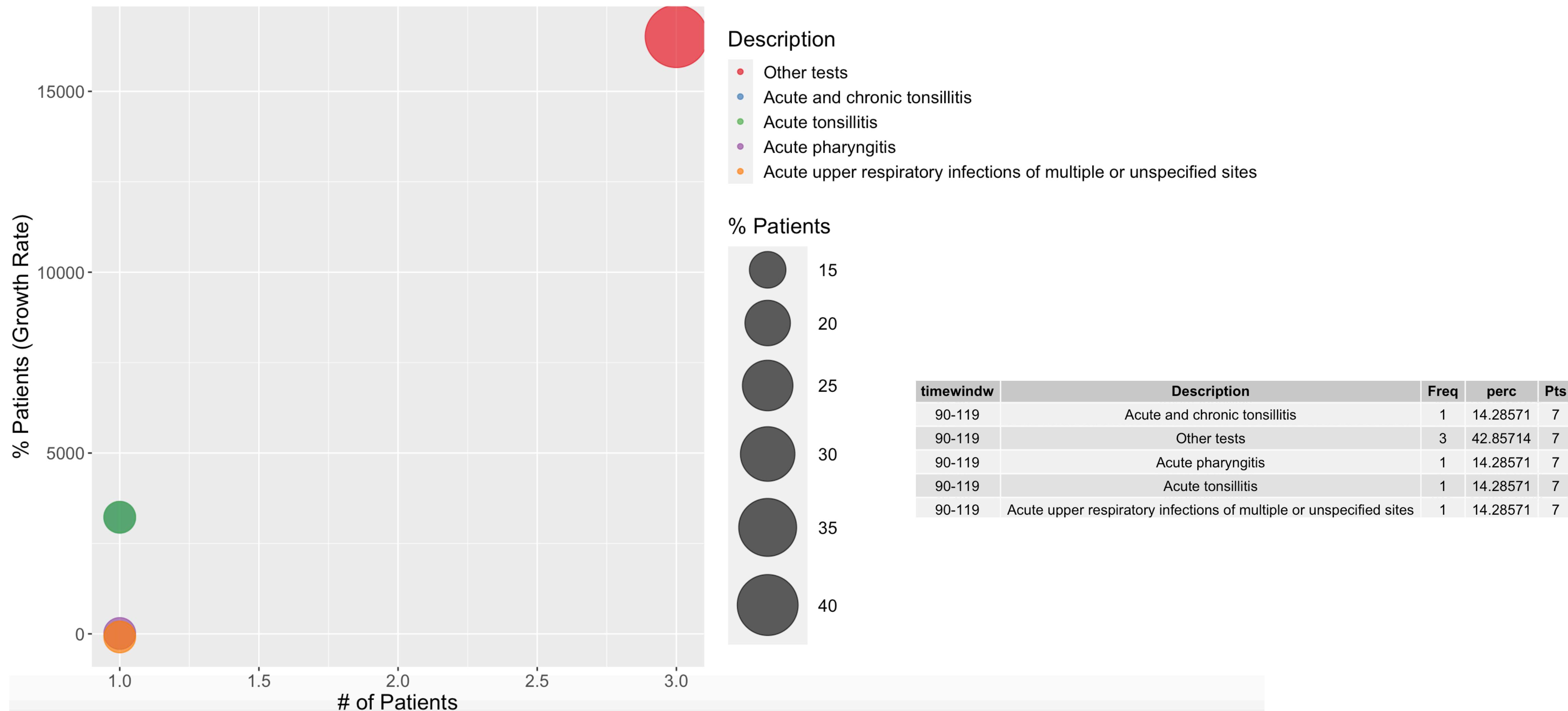
Subtract-out Patients with Diagnoses on and Prior to Discharge





Graph C

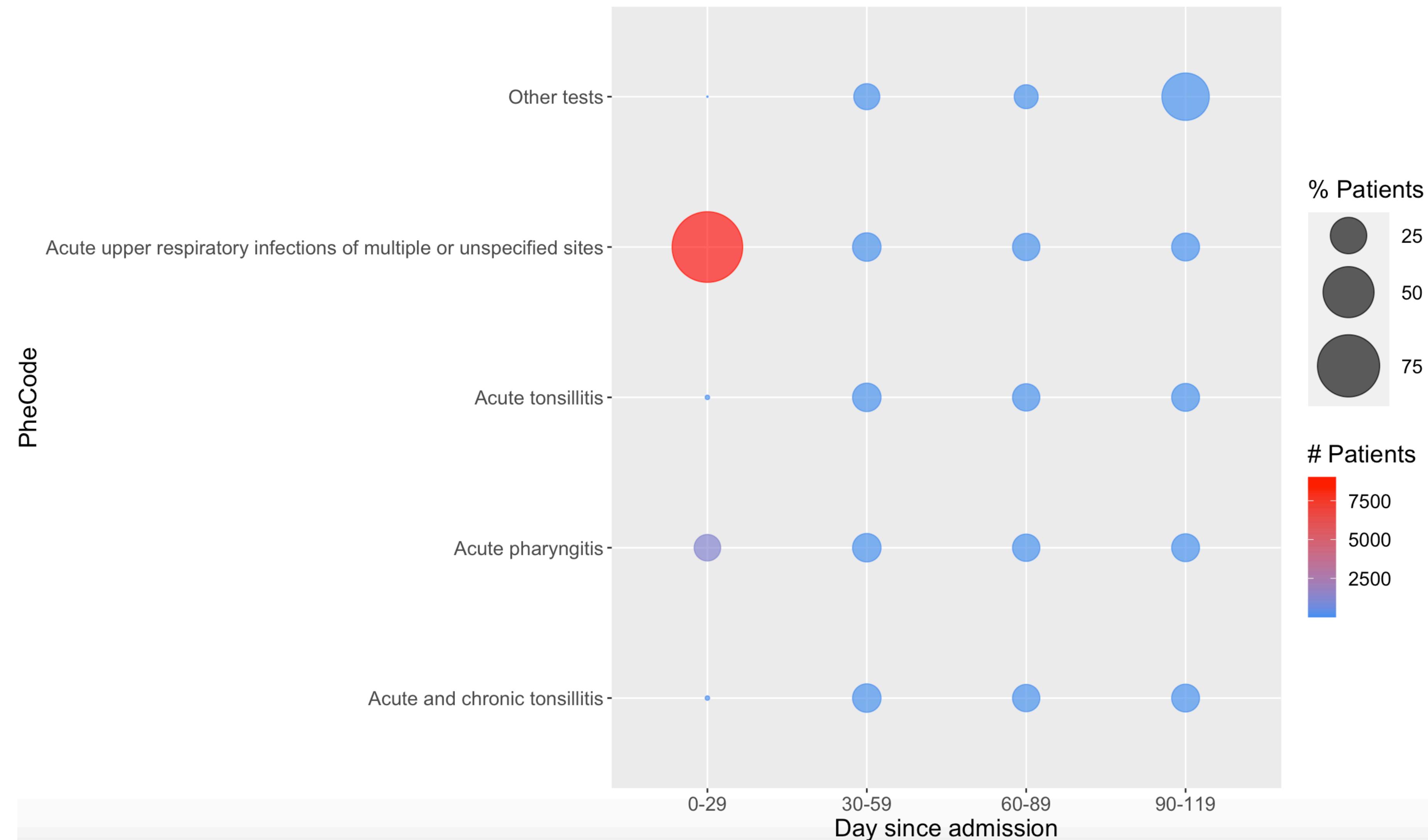
Days Since Admission: 90-119



Phenotype Code - Patient Count Over Time

[Drill Down on the Top 5 compelling diseases]

Graph D



*swapped # of patients with % of patients, for size and color (compared to Graph B)

