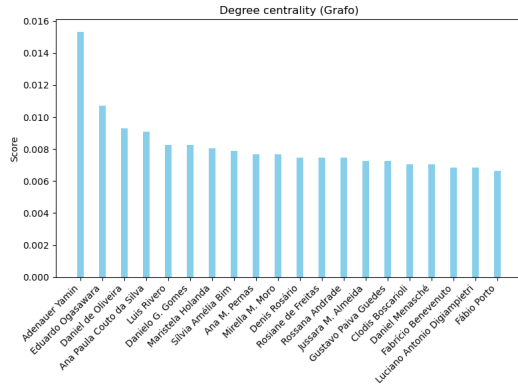


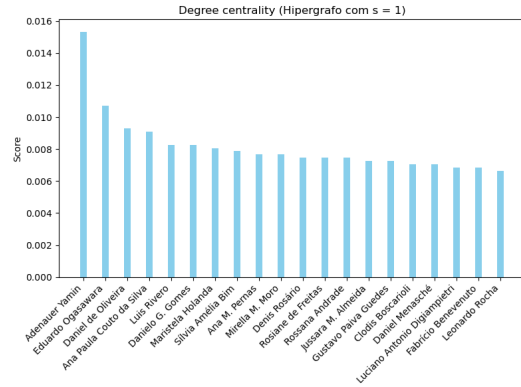
# Resultados Experimentos

March 27, 2024

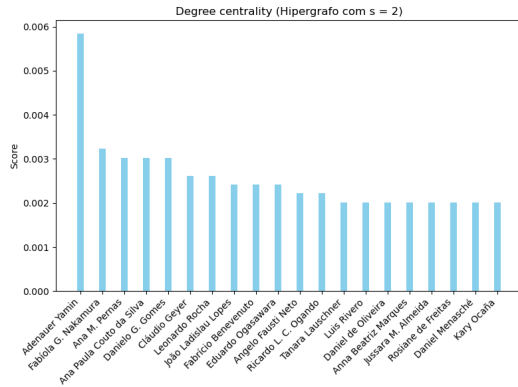
## 1 Degree centrality



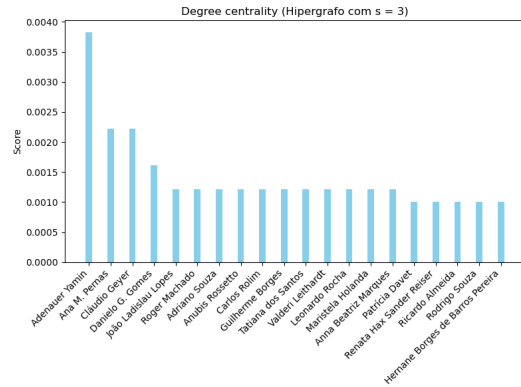
(a) Degree Grafo



(b) Degree Hipergrafo -  $s = 1$



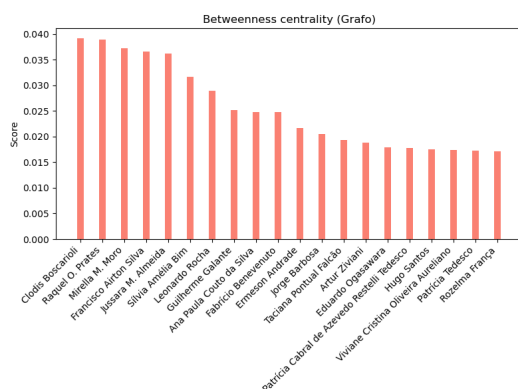
(c) Degree Hipergrafo -  $s = 2$



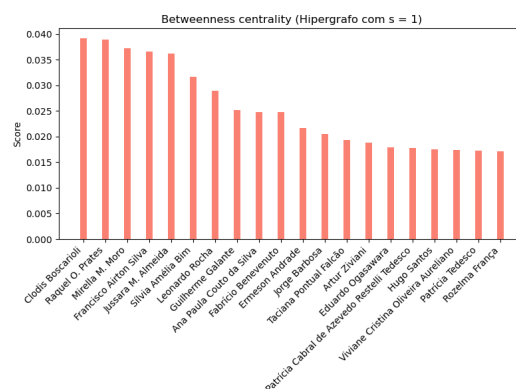
(d) Degree Hipergrafo -  $s = 3$

Figure 1: Gráficos da centralidade de grau

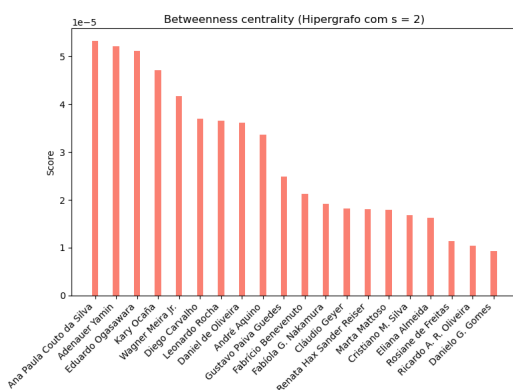
## 2 Betweenness centrality



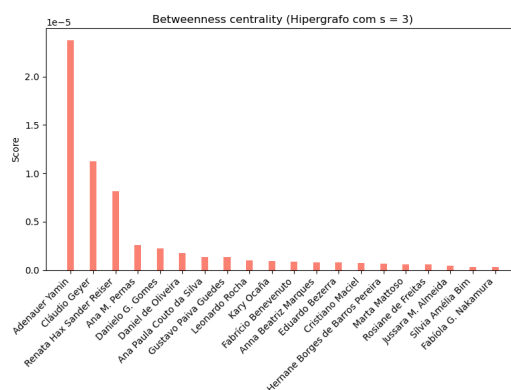
(a) Betweenness Grafo



(b) Betweenness Hipergrafo -  $s = 1$



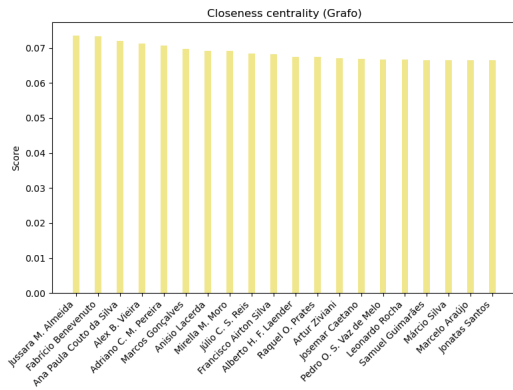
(c) Betweenness Hipergrafo -  $s = 2$



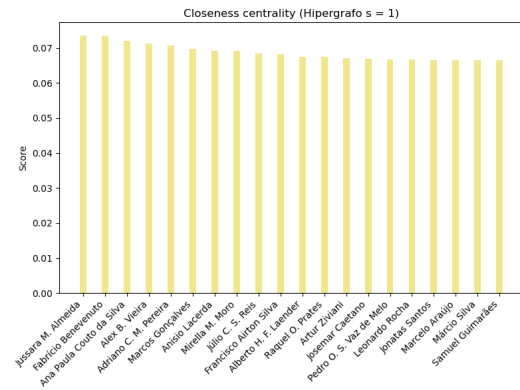
(d) Betweenness Hipergrafo -  $s = 3$

Figure 2: Gráficos da centralidade de intermediação

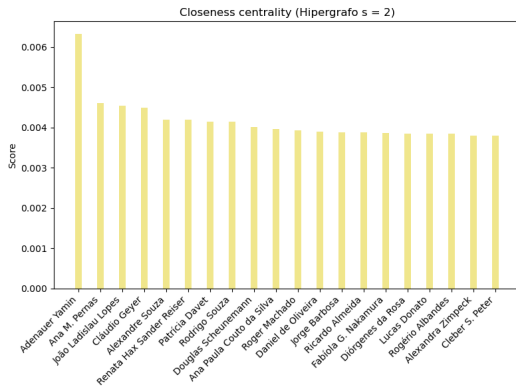
### 3 Closeness centrality



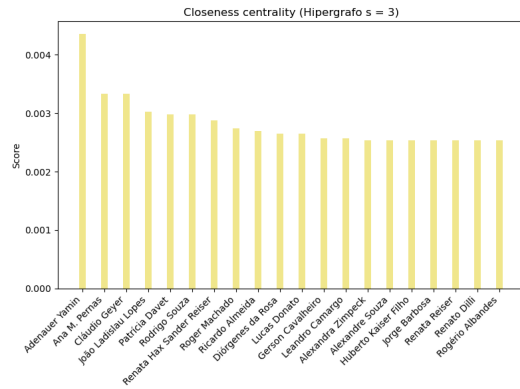
(a) Closeness Grafo



(b) Closeness Hipergrafo -  $s = 1$



(c) Closeness Hipergrafo -  $s = 2$



(d) Closeness Hipergrafo -  $s = 3$

Figure 3: Gráficos da centralidade de proximidade