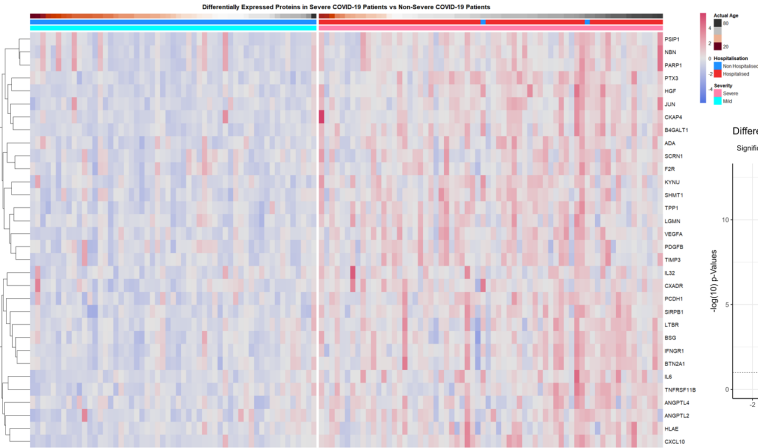
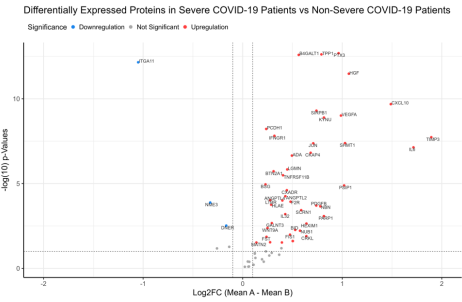


# Supplementary Figure 1: Differentially Expressed Senescence Proteins in Severe WHO Classified Patients

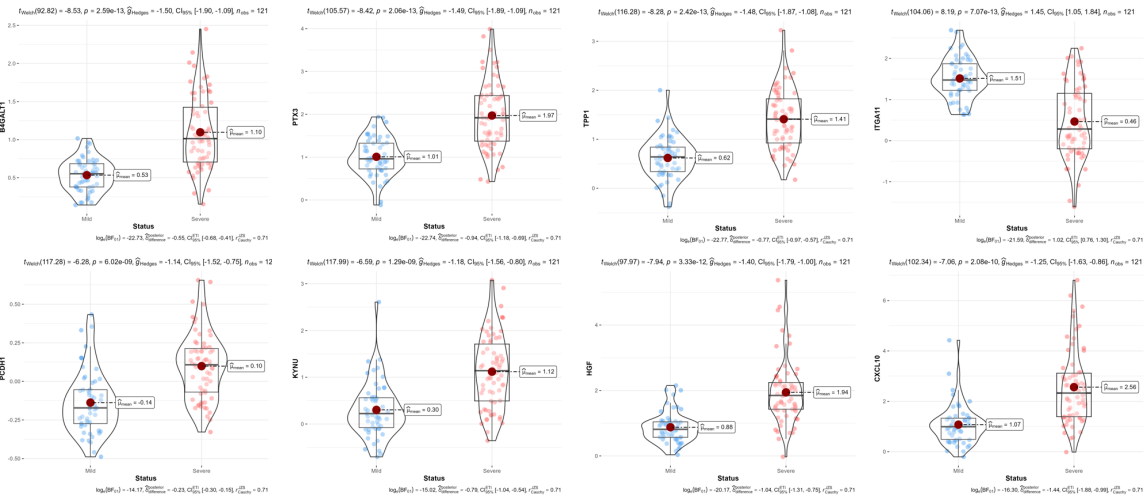
A



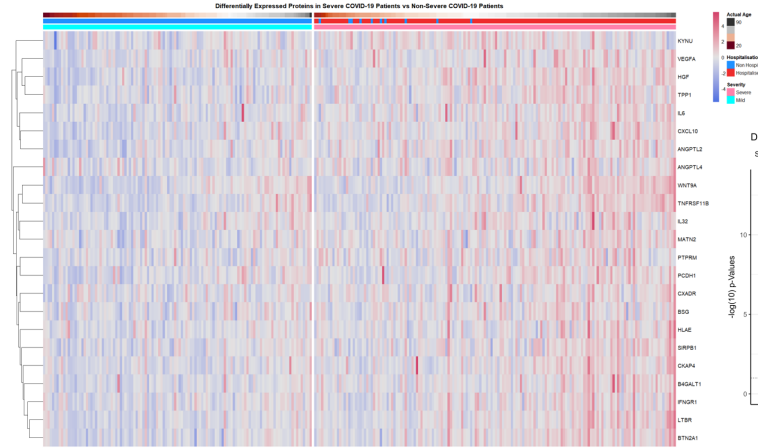
B



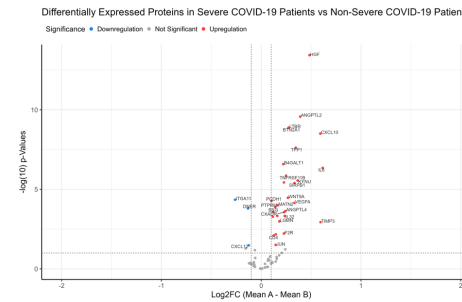
C



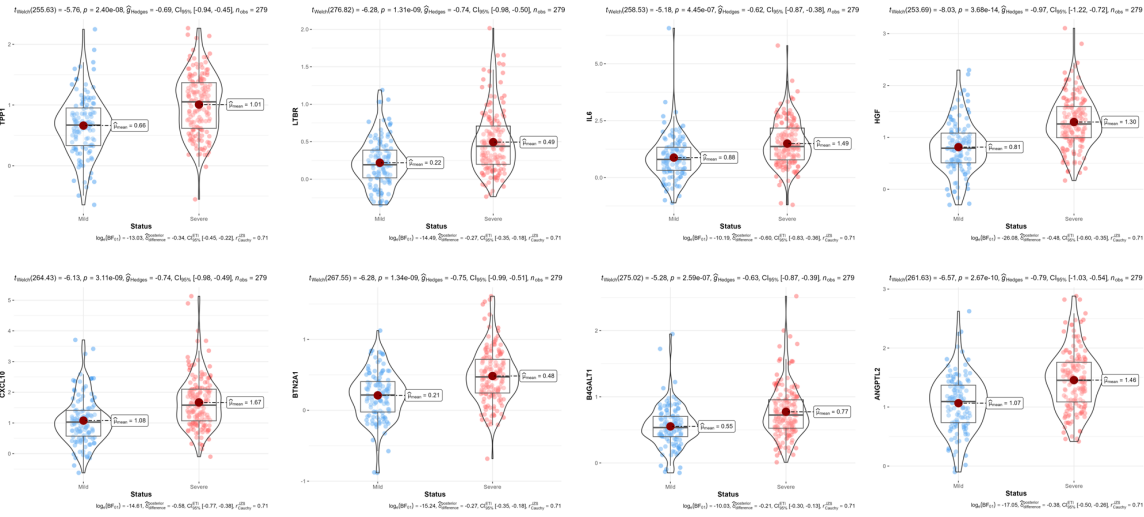
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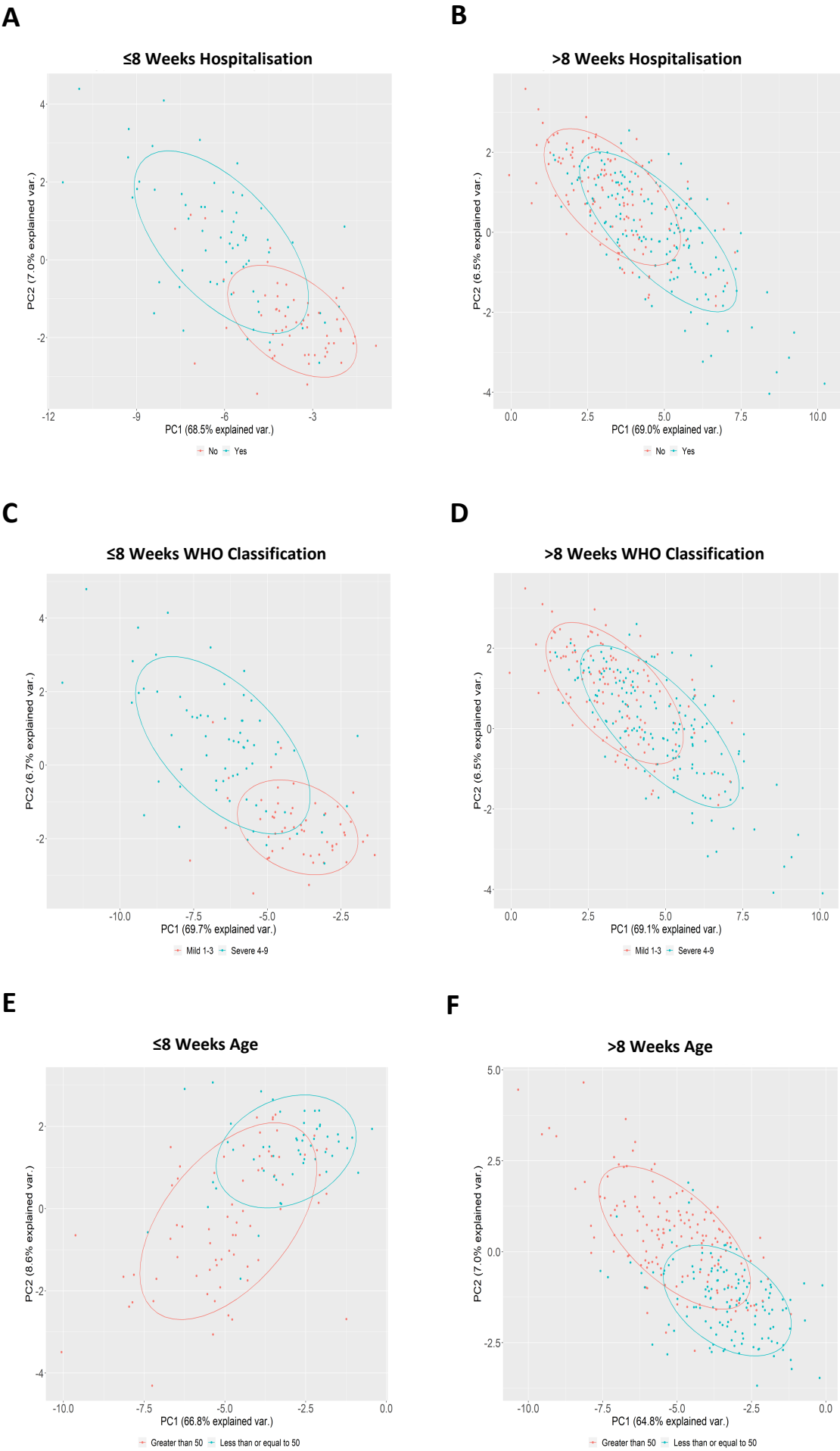
E



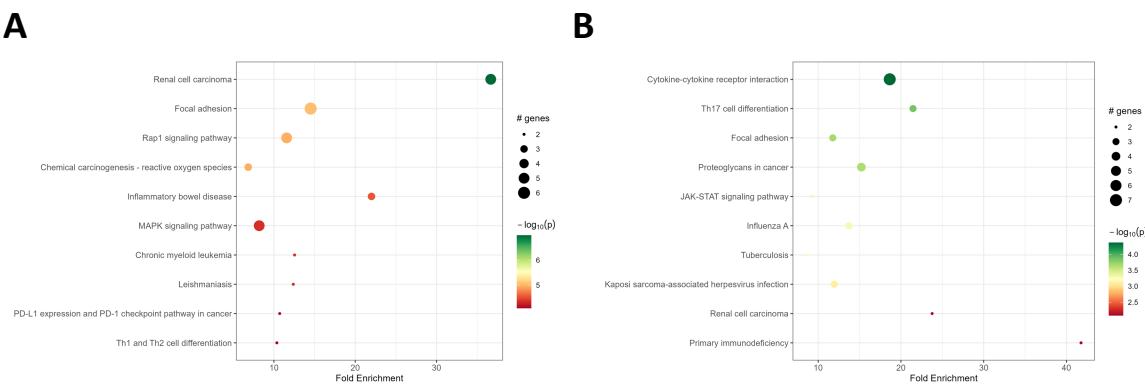
F



Supplementary Figure 2: PCA Plots for Differentially Expressed Senescence Proteins in Hospitalised, Severe WHO Classified and Aged Patients

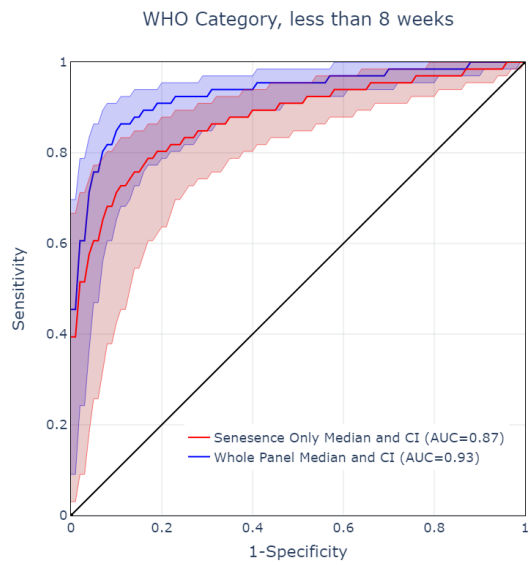


# Supplementary Figure 3: Pathway Analysis of Differentially Expressed Senescence Proteins

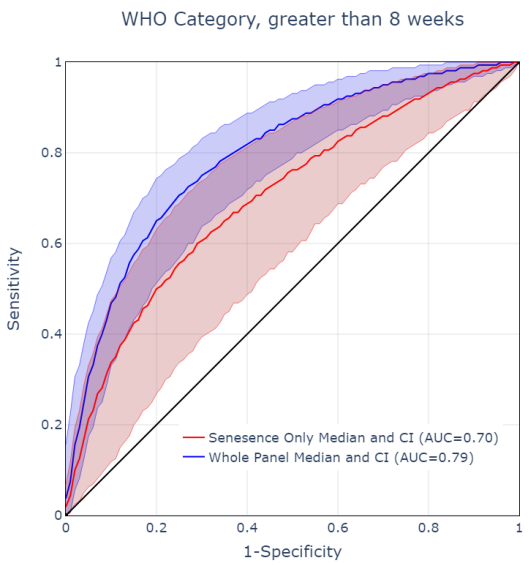


Supplementary Figure 4: Persistent Signatures

A



B

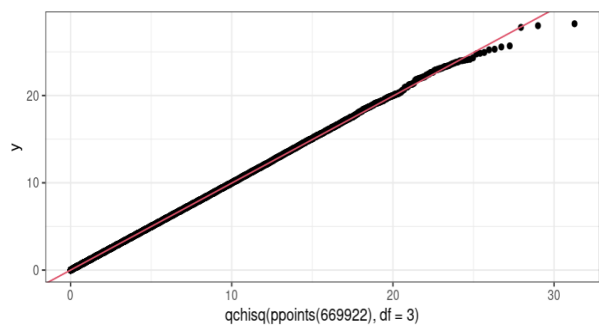


**Supplementary Table 1: Summary of Patient Characteristics for Methylome Analysis**

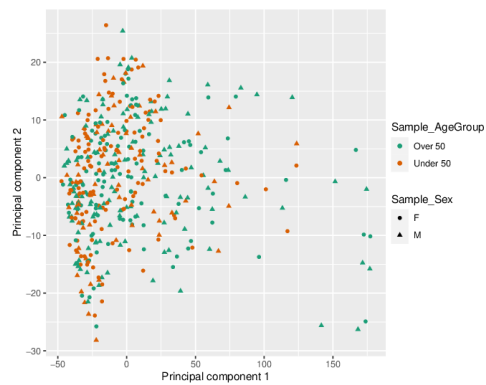
COVRES cohort	Hospitalised	Non-hospitalised
	n= 215	n= 235
Age (years) – Mean [range]	56 [25-82]	46 [18-91]
Gender – Frequency (%)		
Female	89 (41.4%)	159 (67.7%)
Male	126 (58.6%)	76 (32.3%)
Mild (WHO 1-3)	0 (0%)	220 (93.6%)
Severe (WHO 4-9)	215 (100%)	15 (6.4%)
WHO score	5.02	2.19

Supplementary Figure 5: Methylation Associated Analysis

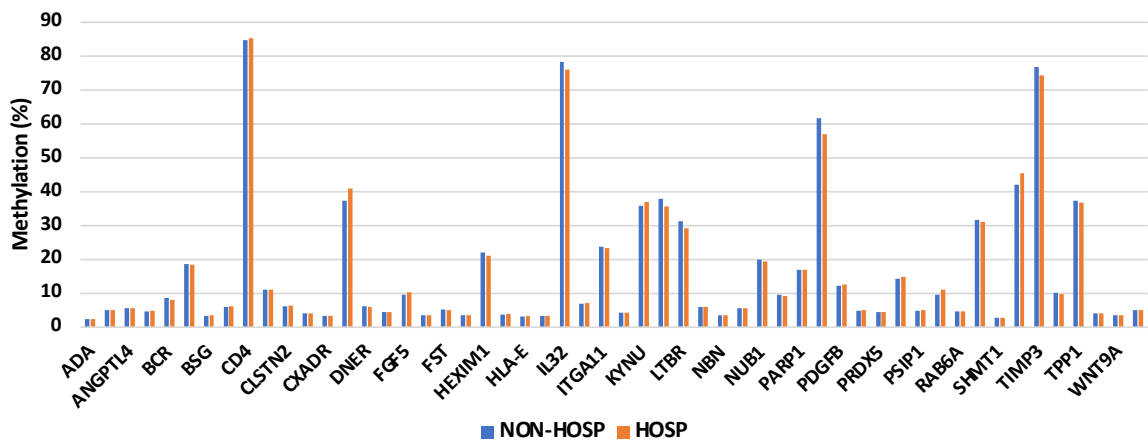
A



B



C



D

