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Société de Gerontologie  
de l'Ouest et du Centre

Journées  
de FORMATION et de RECHERCHE  
de GÉRONTOLOGIE  
de l'Ouest et du Centre

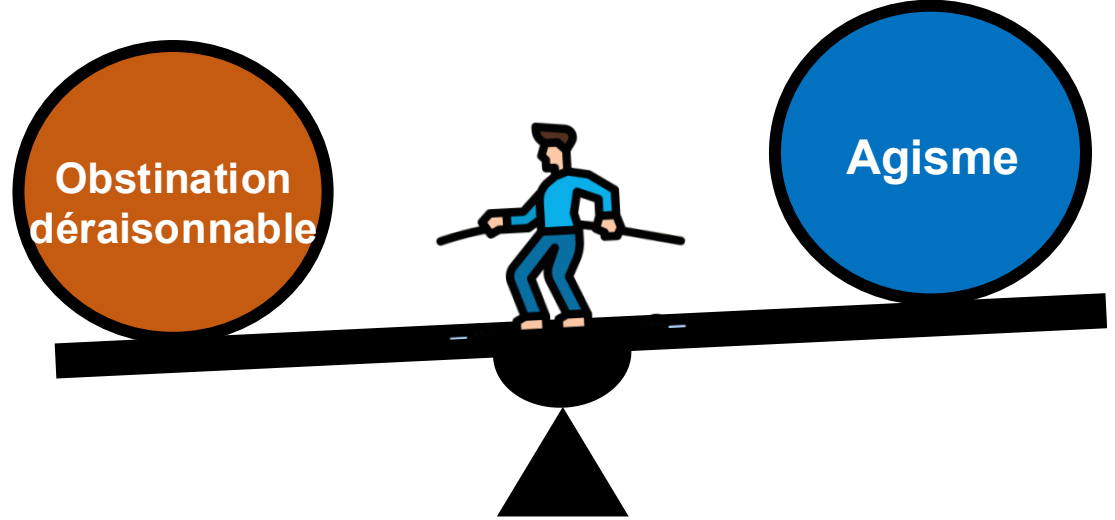
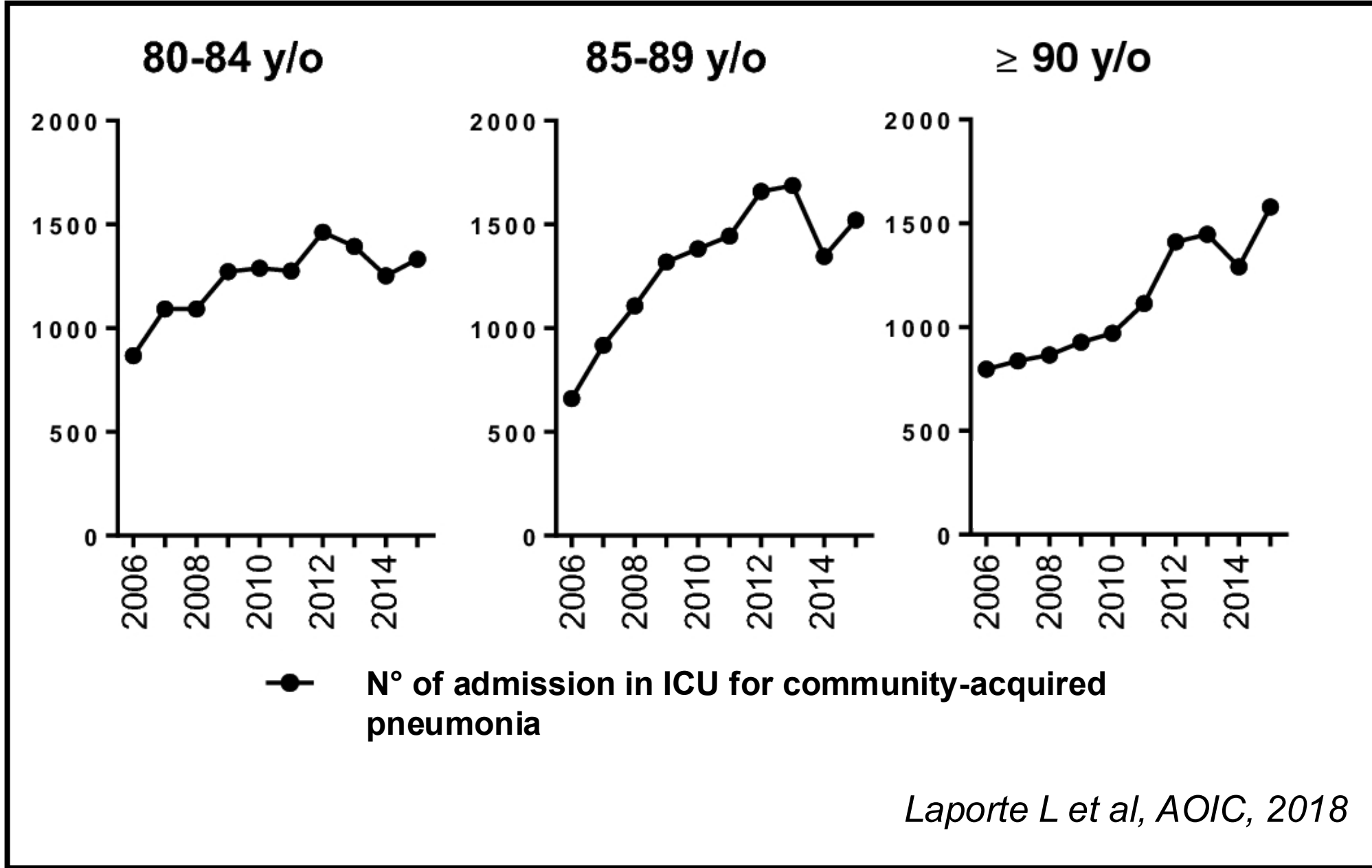
**Characterizing ICU-like profiles of very old patients hospitalized in medical intermediate care units in France:**  
A clustering analysis of a nationwide population-based study

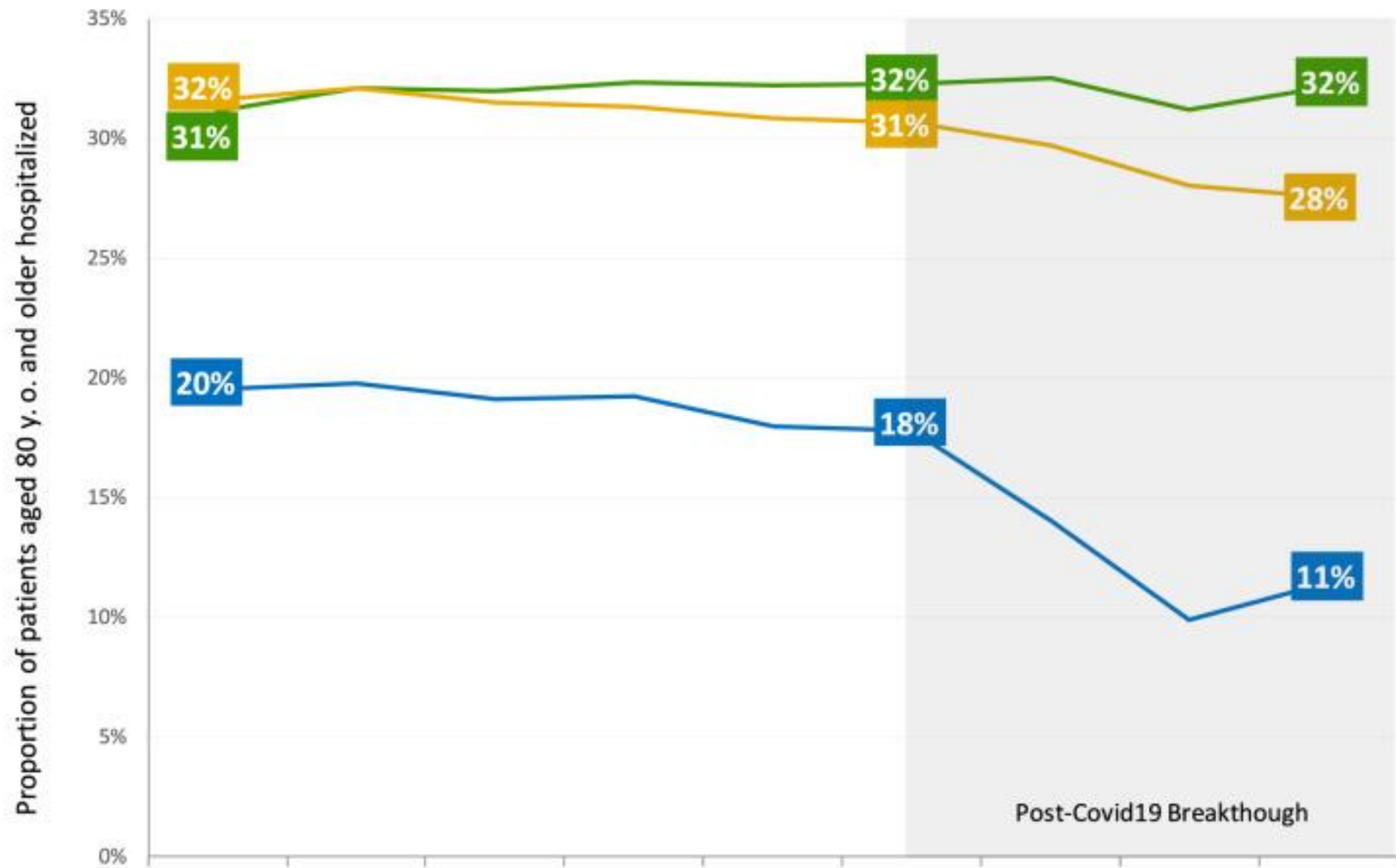
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# Conflict of interest

none





Medical ward
IMCUs
ICU

	2014	2015	2016	2017	2018	2019	2020	2021	2022
Medical ward	810 009	851 334	859 092	870 538	874 814	876 057	813 799	791 176	802 212
IMCUs	102 767	105 733	107 404	107 330	107 152	105 599	96 327	88 980	85 425
ICU	18 542	19 476	19 563	19 809	19 097	19 150	17 335	12 180	12 223

Number of patients aged 80 y. o. and older hospitalized



Migeon A. et al, Ann Intensive Care. 2025



## Hypothèses :

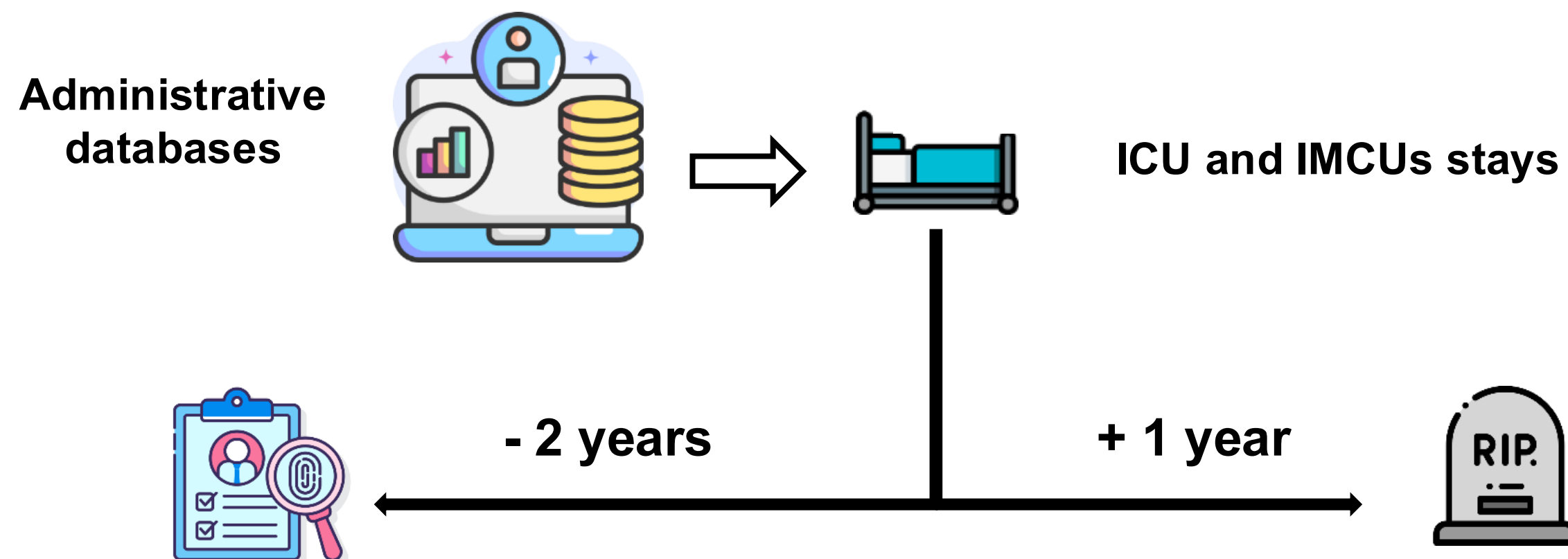
- Il existe différents phénotypes cliniques de patients âgés en USI en France.
- Certains de ces patients ont un profil correspondant à de la réanimation.

## Objectifs :

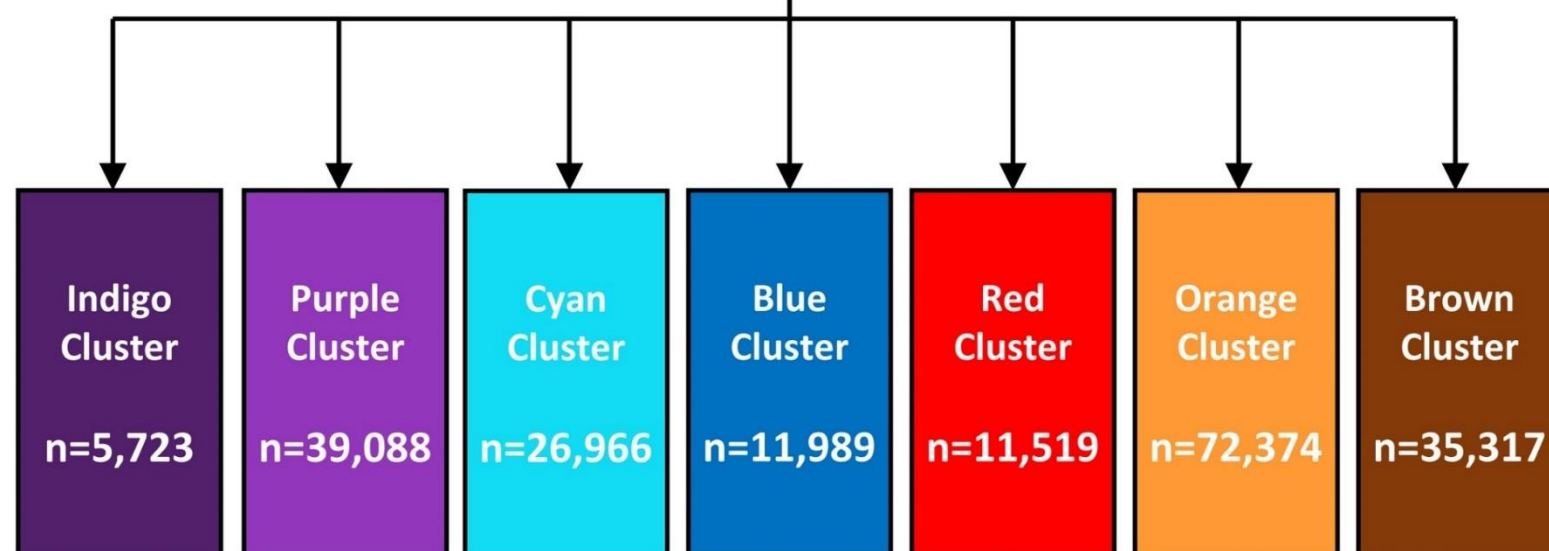
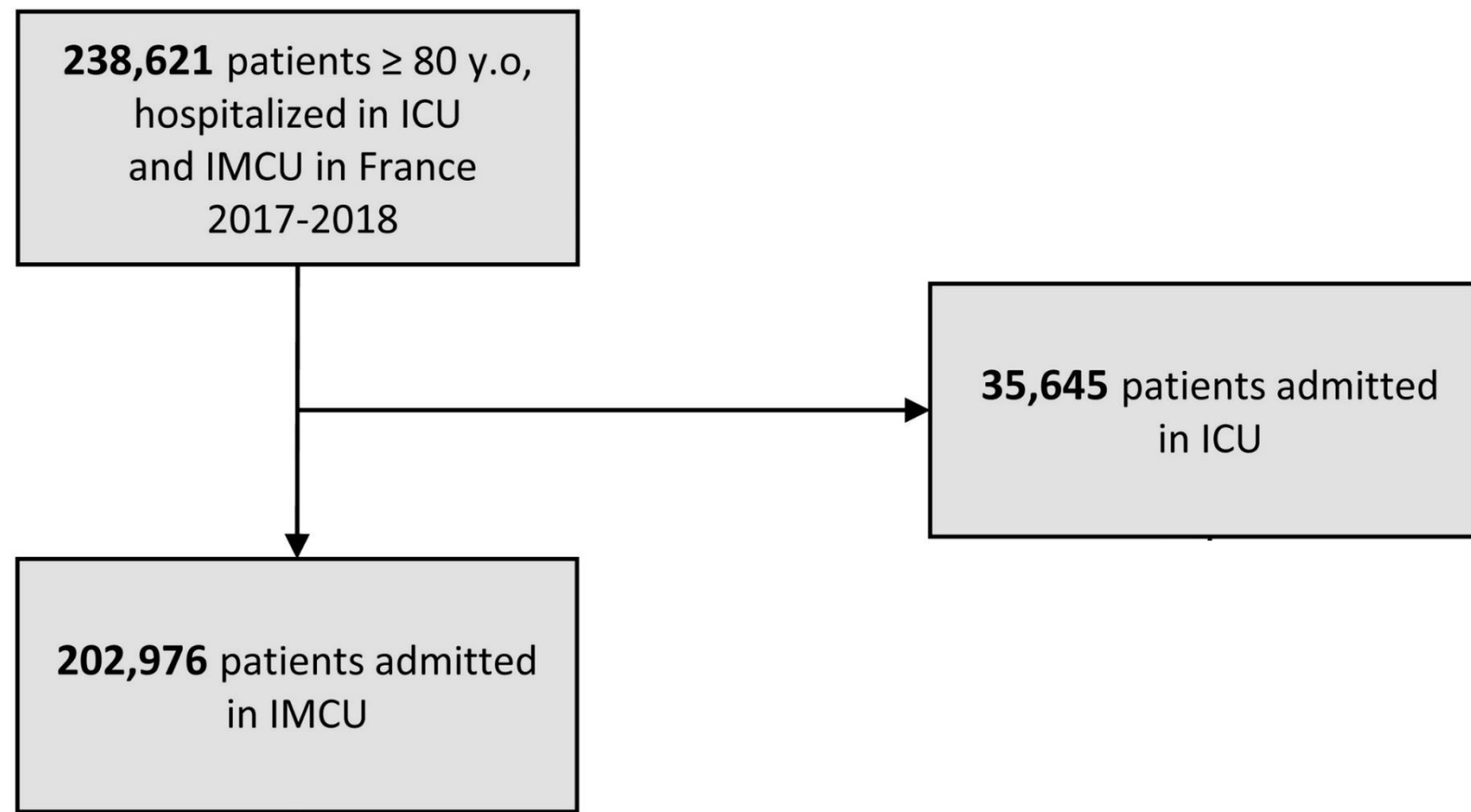
1. Définir les clusters (groupes homogènes) de patients âgés en USI en France.
2. Parmi eux, identifier des clusters "ICU-like" (mortalité > 40% & suppléance d'organes > 5%) pour pouvoir les comparer avec des patients admis en réanimation.



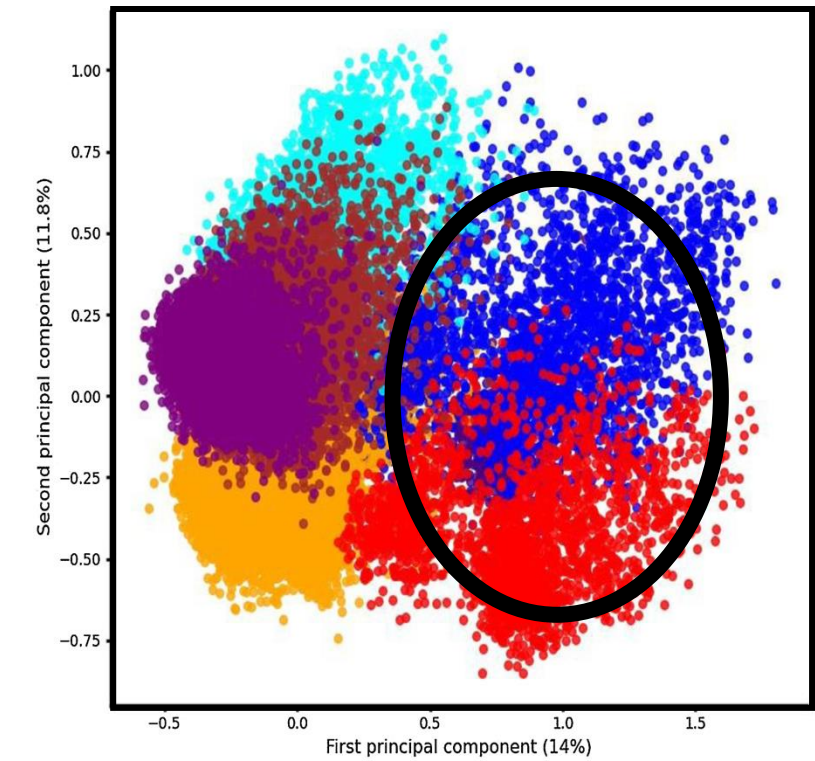
2017-2018



- Sex, age
- Hospital Frailty Risk Score (HFRS)
- SAPSII
- High level organ support (CCAM)
- Death until 1 years after hospital discharge

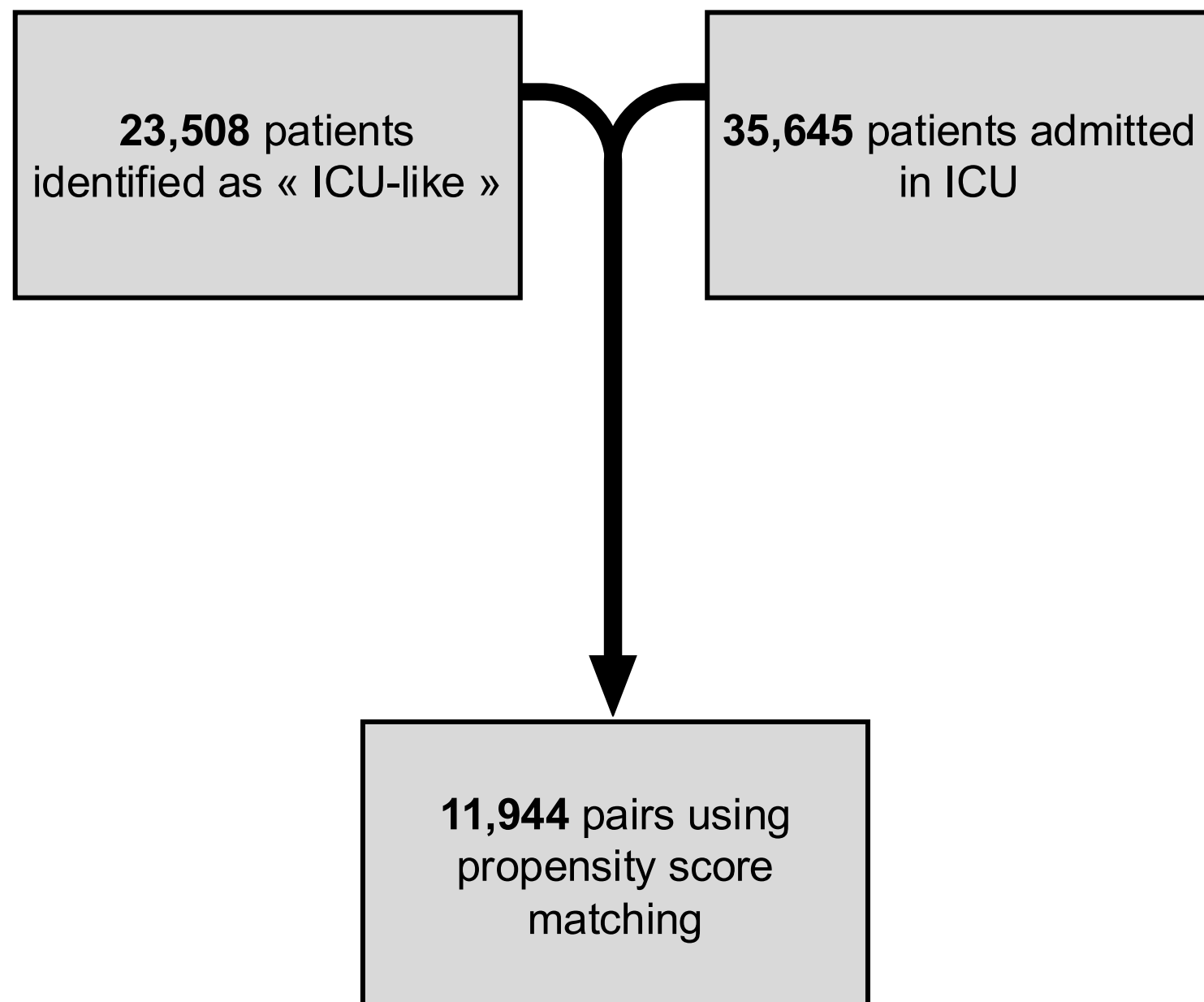


« ICU-like » (N = 23,508)



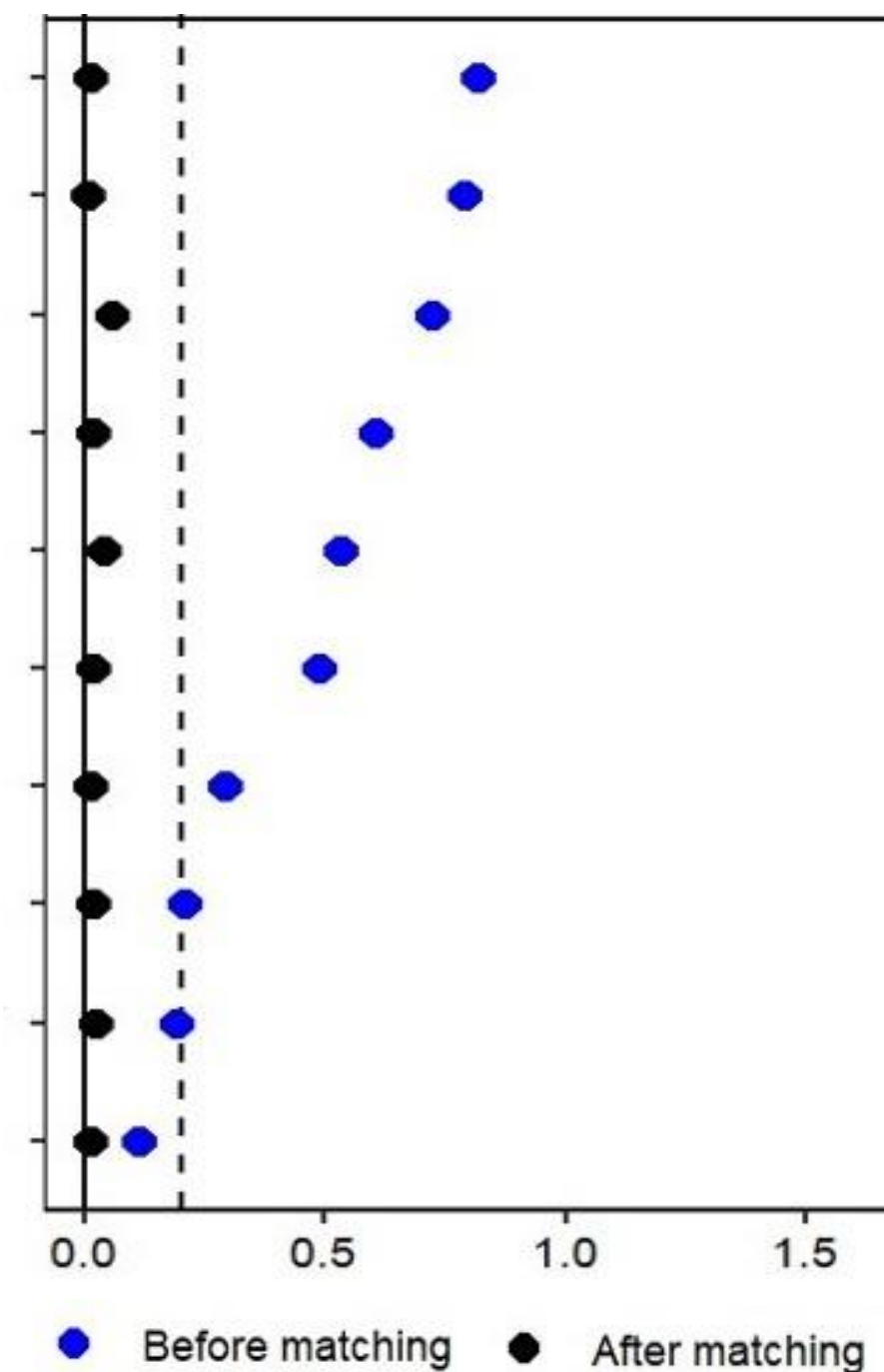
Latent class analysis

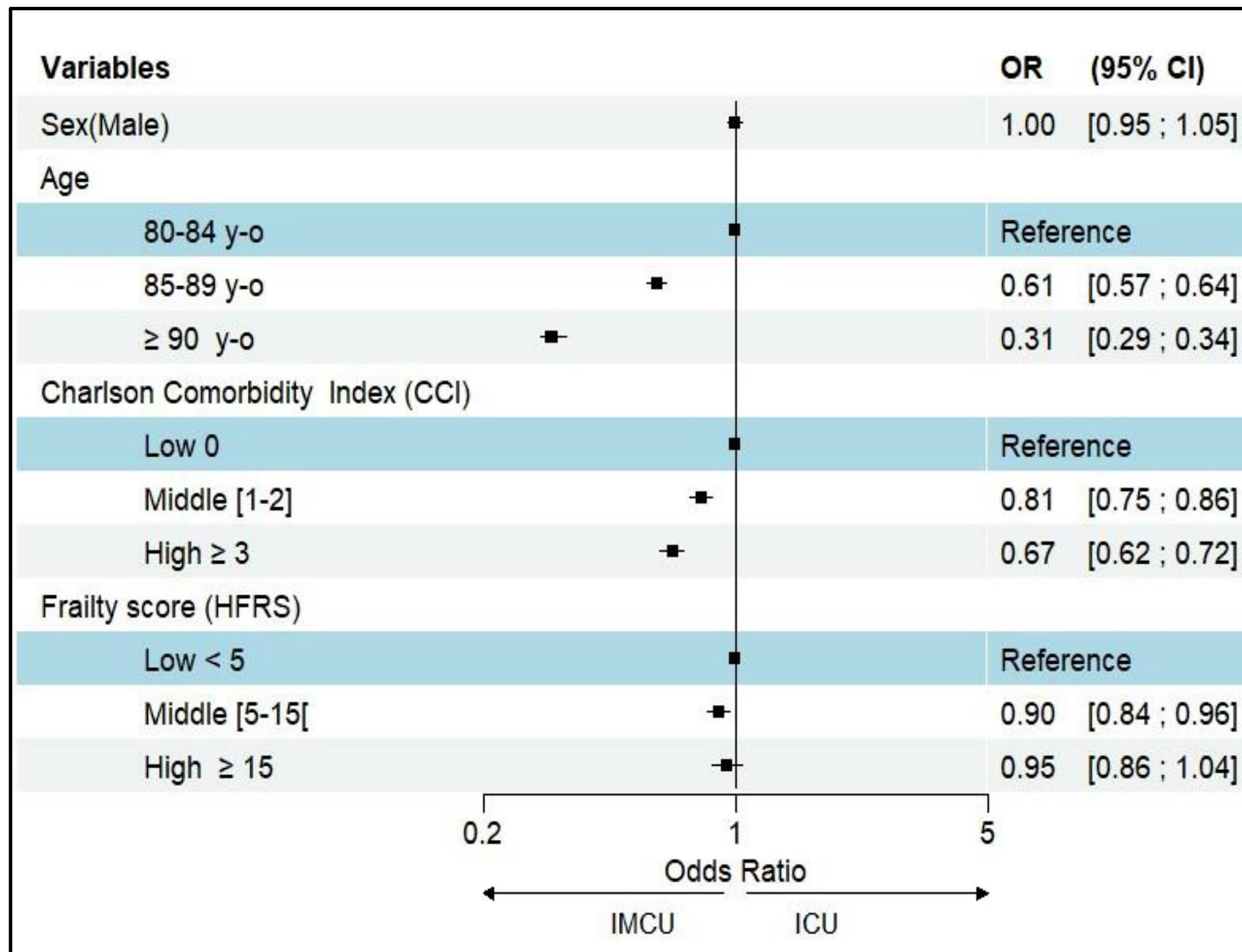
	Cardiac / Circulatory	Respiratory	Neurologic	Other
Standard of care	Orange	Cyan	Purple	Brown
« ICU-like »	Red	Blue		
Palliative care ?			Indigo	



### Absolute standardized mean differences

- Invasive ventilation
- SAPSII < 40
- Inotropic and vasopressor support
- SAPSII ≥ 50
- Cardiac dysfunction / Circulatory failure
- Non-invasive ventilation (BPAP)
- Other organ dysfunction
- Non-invasive ventilation (CPAP)
- Respiratory organ dysfunction
- SAPSII [40-49]







**Merci de votre attention**