Results

Supervised ML tasks (One vs. Rest)

Duration of response after surgery

0   1   5

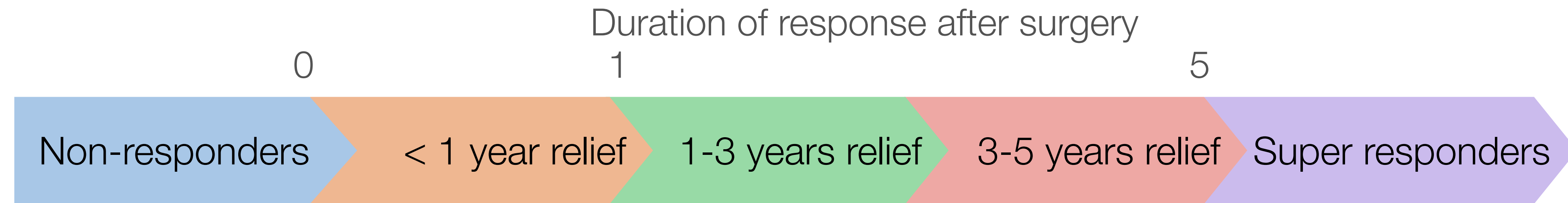**Non-responders** | **< 1 year relief** | **1-3 years relief** | **3-5 years relief** | **Super responders**

Responders

Responders vs. Non-responders

- Average accuracy - 94%
- Non-responders recall - 0.97
- Responders recall - 0.88

<1 year relief vs. rest

- Average accuracy - 86%
- <1 year recall - 0.7
- Rest recall - 0.95

1-3 years relief vs. rest

- Average accuracy - 91%
- 1-3 years recall - 0.75
- Rest recall - 0.97

3-5 years relief vs. rest

- Average accuracy - 93%
- 1-3 years recall - 0.78
- Rest recall - 0.95

≥5 years relief vs. rest

- Average accuracy - 87%
- ≥5 years. recall - 0.8
- Rest recall - 0.9

Classes defined by duration of surgical response are distinguishable

Objective   Methods   **Results**   Summary

Hodaie Lab

Results

Supervised ML tasks (One vs. Rest)

Responders

0	1	3	5	
Non-responders	< 1 year relief	1-3 years relief	3-5 years relief	≥5 years relief

Responders vs. Non-responders	**<1 year relief vs. rest**	**1-3 years relief vs. rest**	**3-5 years relief vs. rest**	**≥5 years relief vs. rest**
· Average accuracy - 94%	· Average accuracy - 86%	· Average accuracy - 91%	· Average accuracy - 93%	· Average accuracy - 87%

Classes defined by duration of surgical response are distinguishable