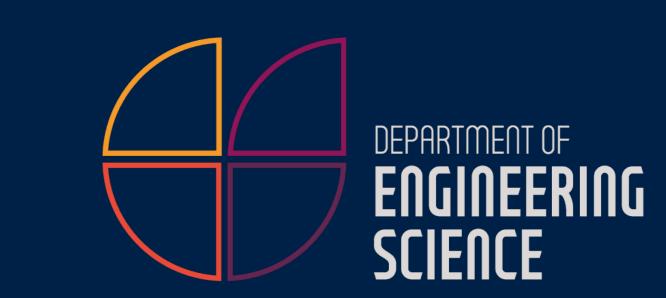
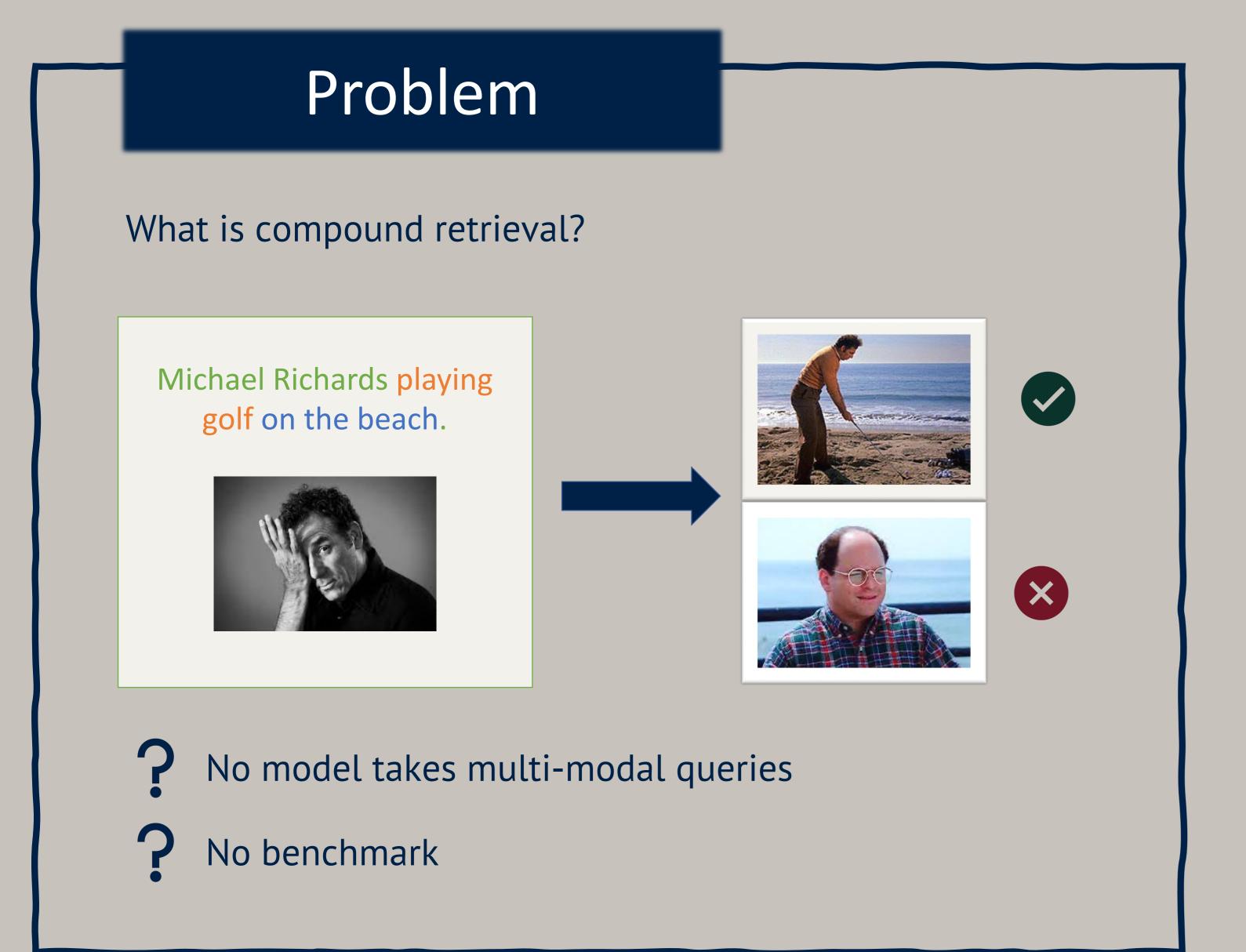
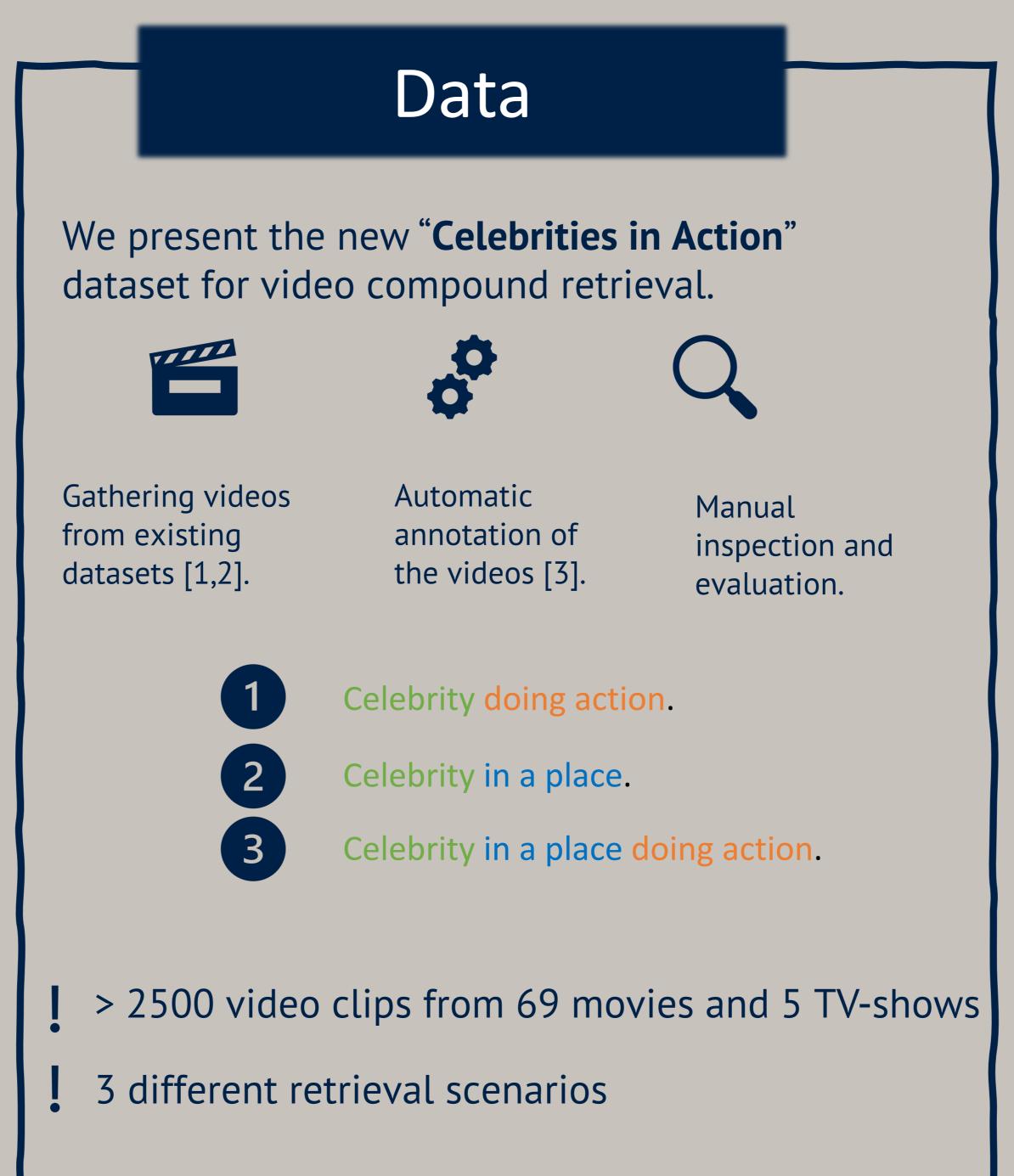
Personalised CLIP or: how to find your vacation videos

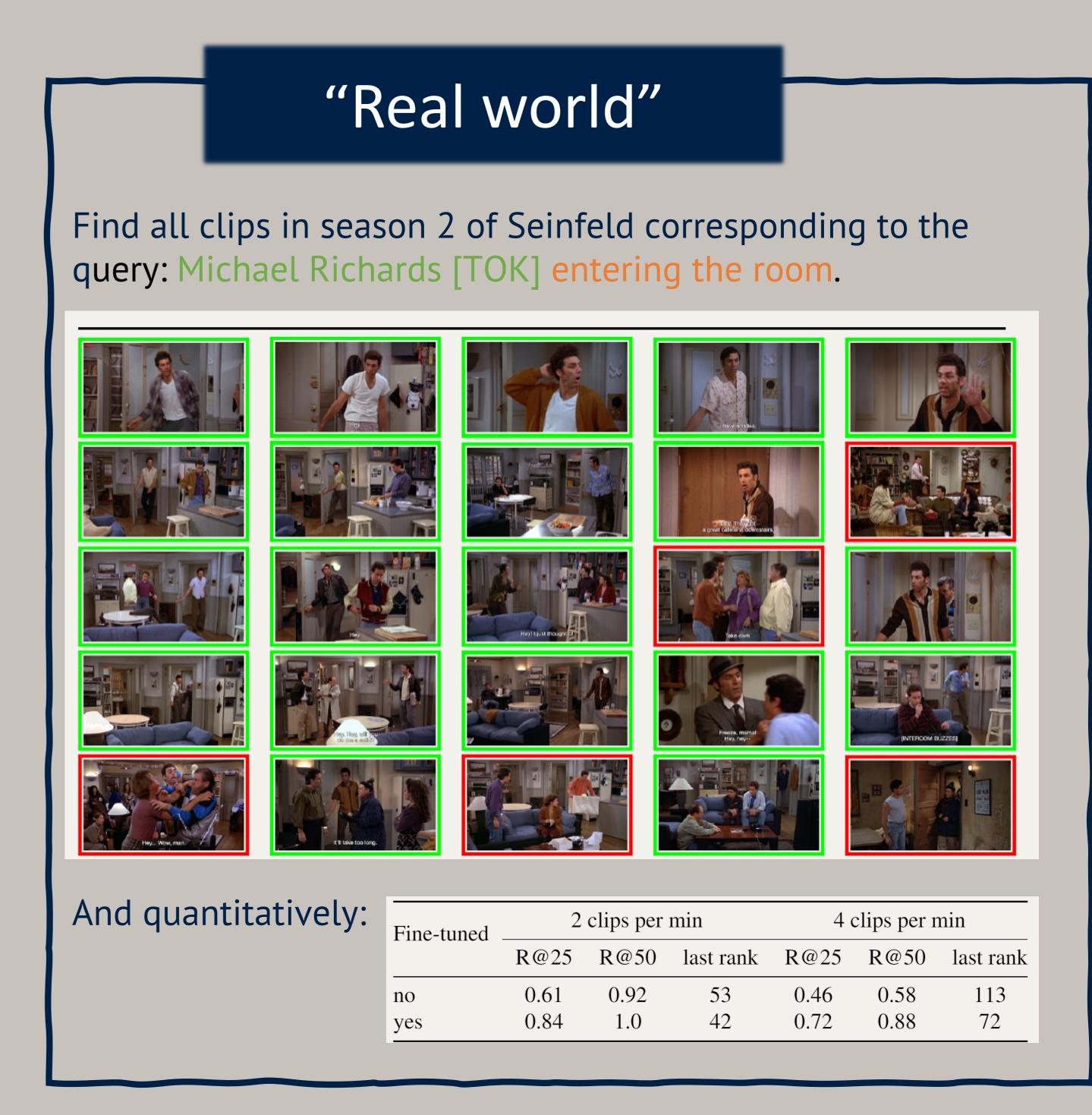
Bruno Korbar, Andrew Zisserman, Visual Geometry Group

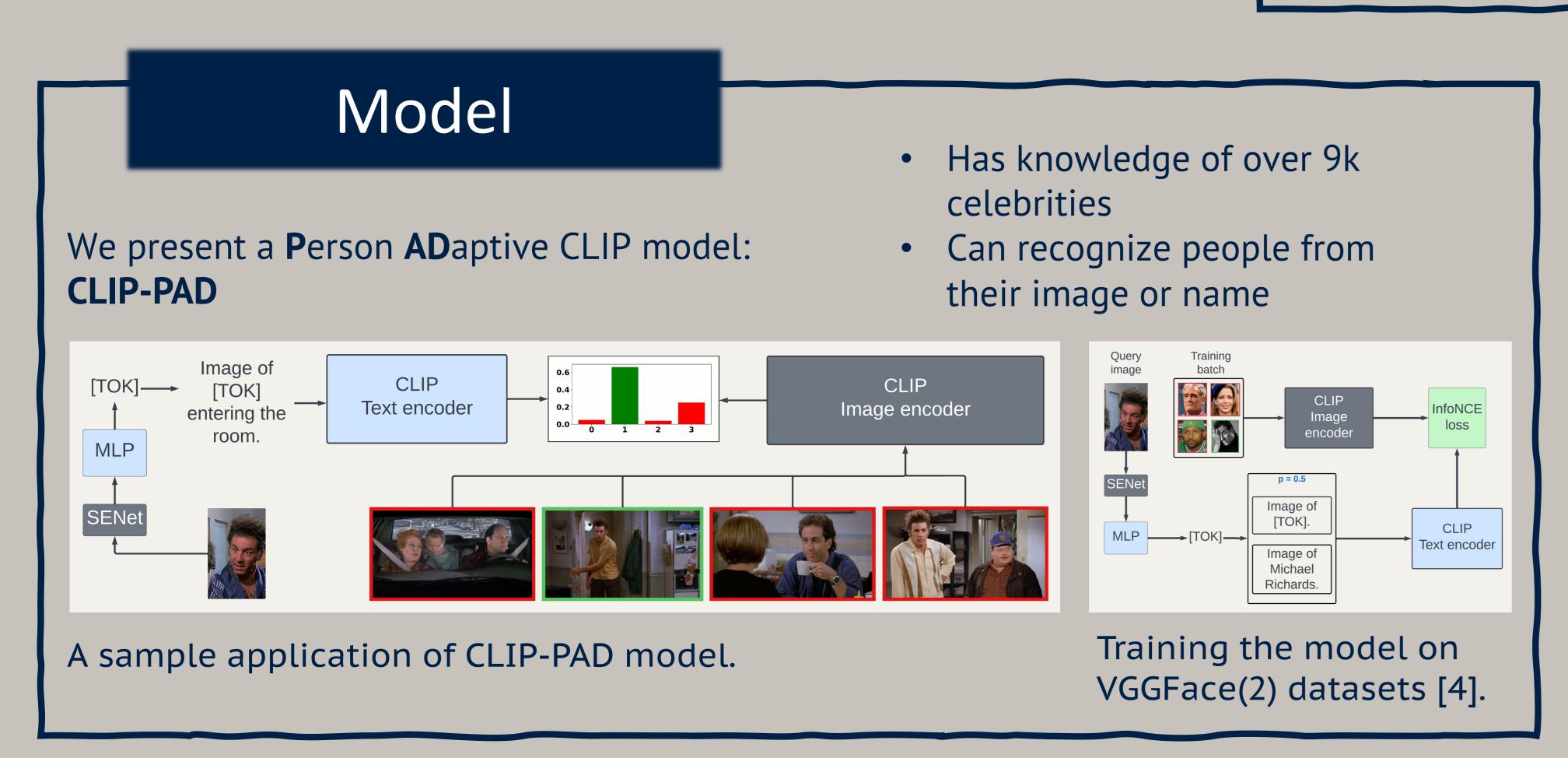












Results

- CLIP-PAD outperforms previous retrieval benchmarks and zero-shot CLIP [5].
- Image query helps in cases where person is not known or have been seen in few examples

Method	person query		action		place		action + place	
	text	rgb	R@1	R@5	R@1	R@5	R@1	R@5
CE [21]	✓	*	35.3	65.1	36.7	65.3	32.1	62.5
CLIP [35]	✓		42.4	73.5	58.2	78.1	39.9	72.0
CLIP-PAD	✓		62.1	81.3	67.8	87.0	64.2	81.1
CLIP-PAD		\checkmark	64.5	83.7	68.2	87.3	64.9	81.8
CLIP-PAD	✓	✓	65.0	85.4	71.5	88.6	66.3	82.7

References

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- Faces by Corroborative Evidence", MIPR2021
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- [5] Radford *et al.*, "Learning transferable visual models from natural language supervision", ICML2021

