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recogna.tech

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Introduction to Machine Learning

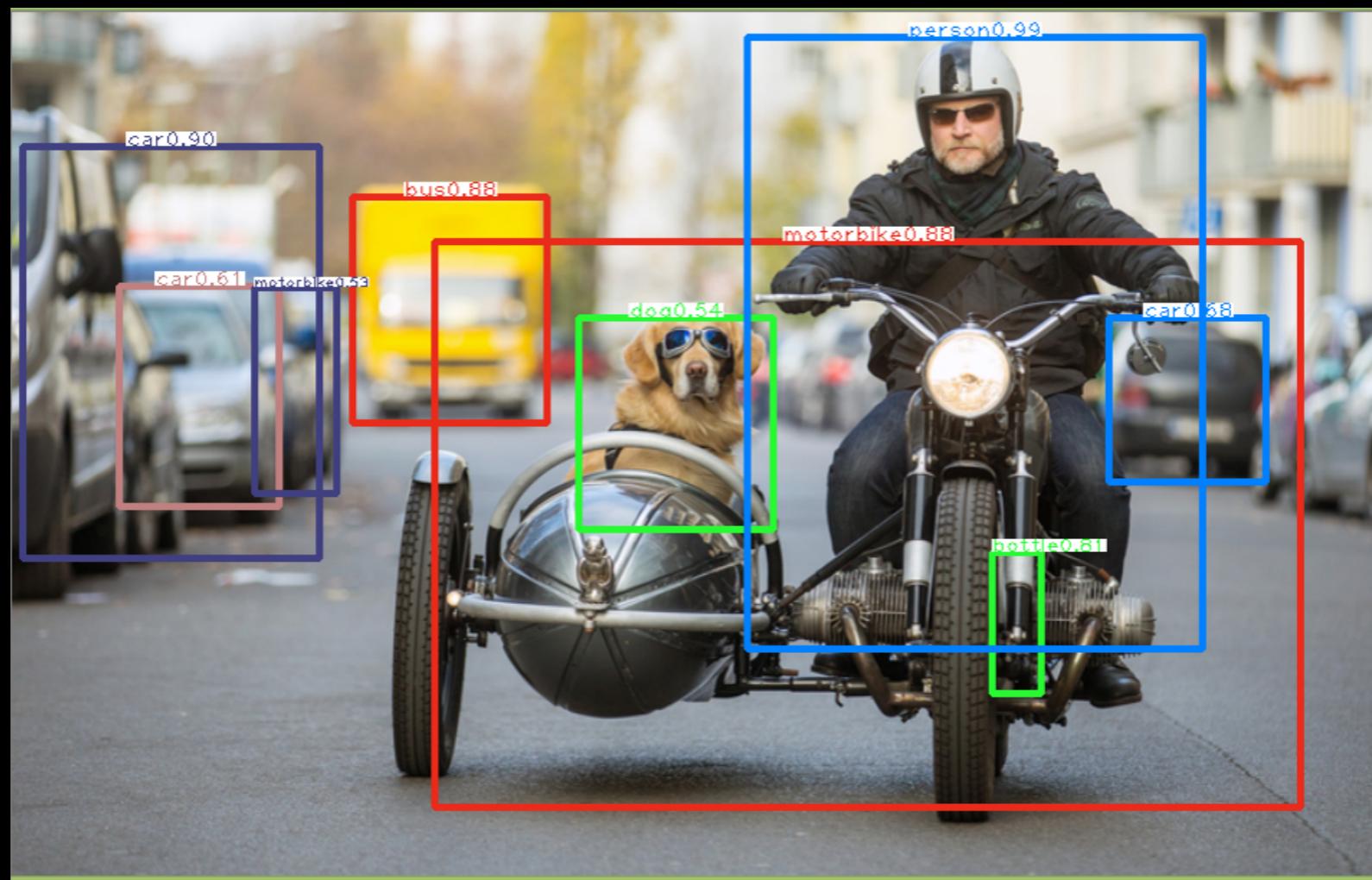


Artificial Intelligence x Machine Learning



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“Easy”





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“Complicated”





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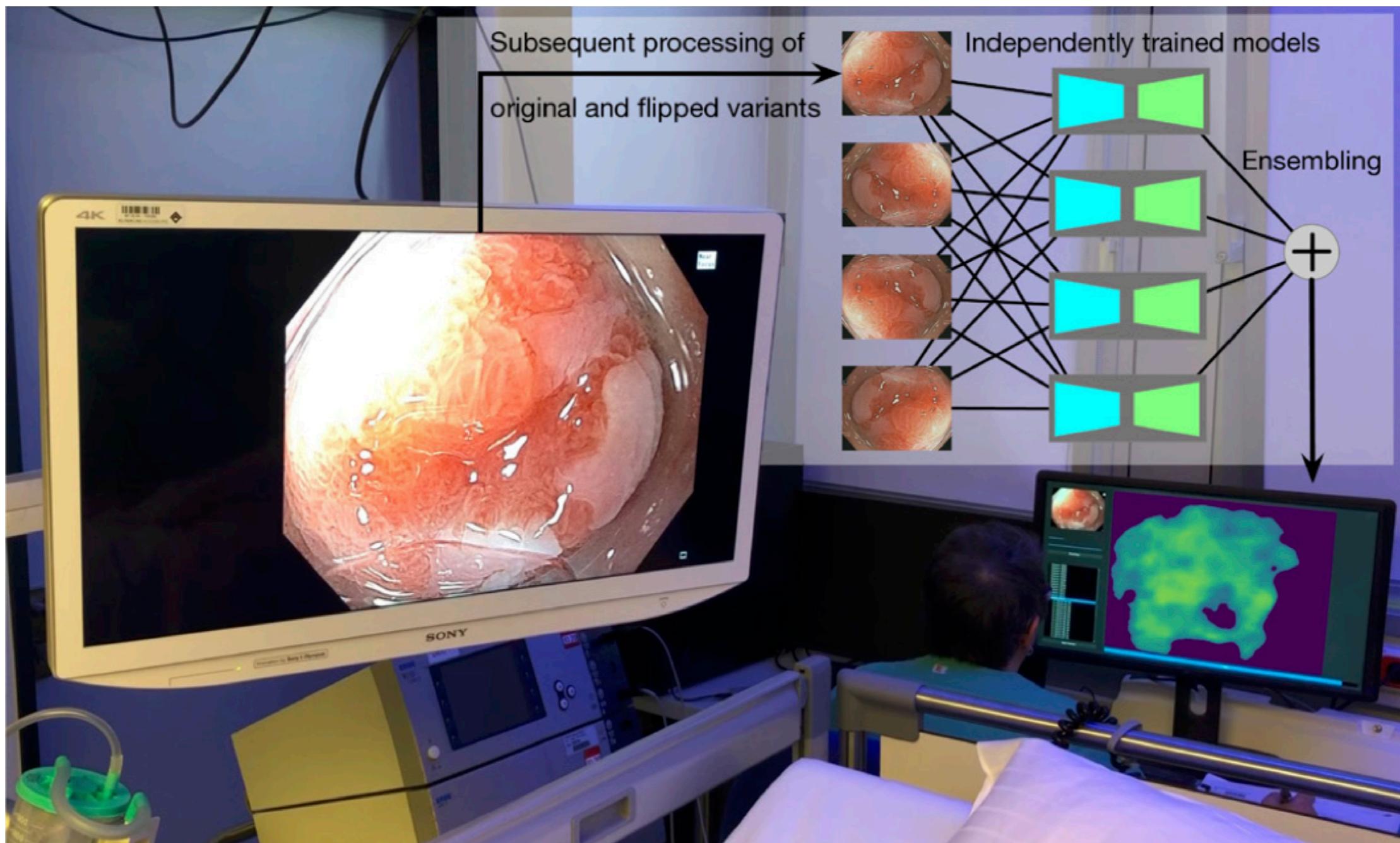
“A bit more complicated”





What can we do?

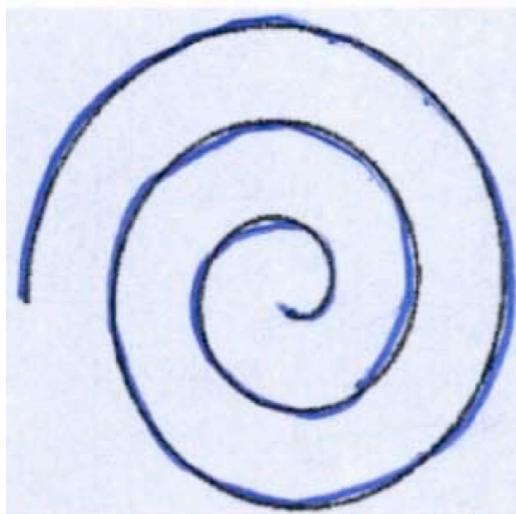
Computer-assisted Diagnosis



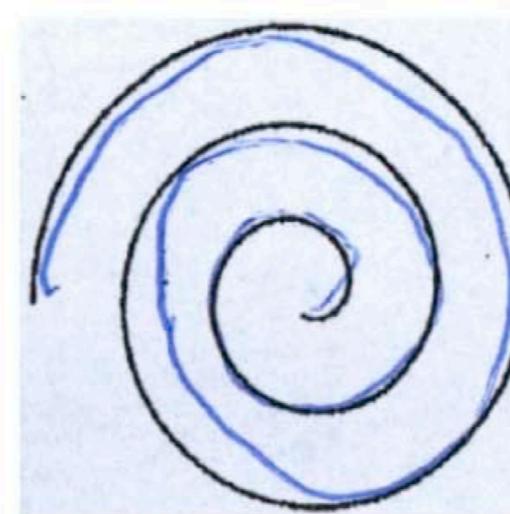


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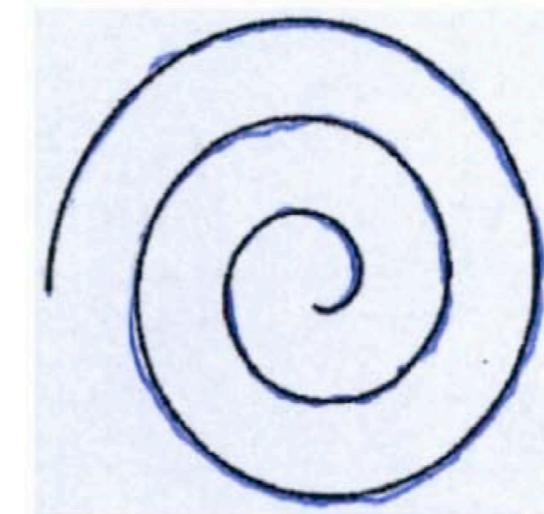
Computer-Assisted Medicine



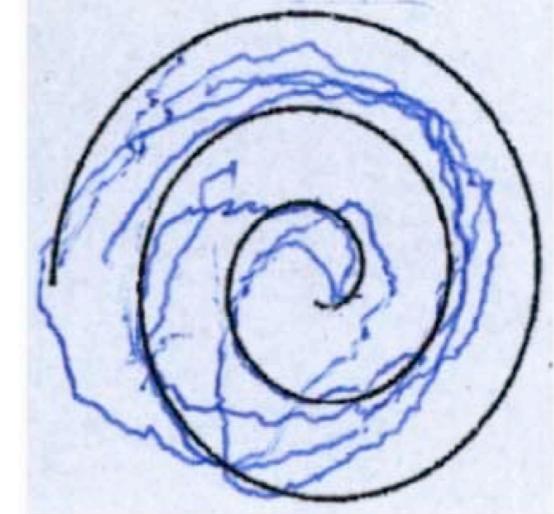
(a)



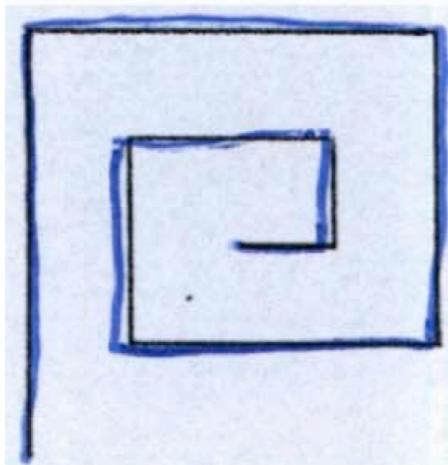
(b)



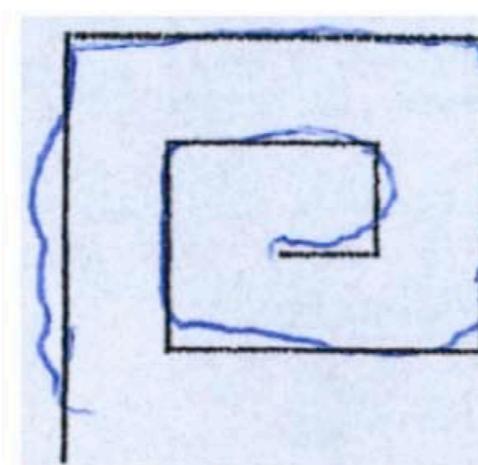
(c)



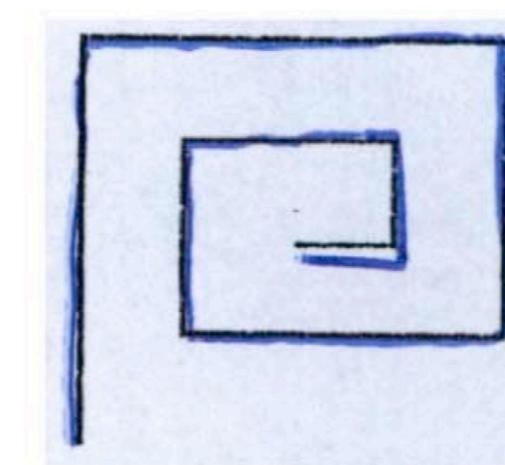
(d)



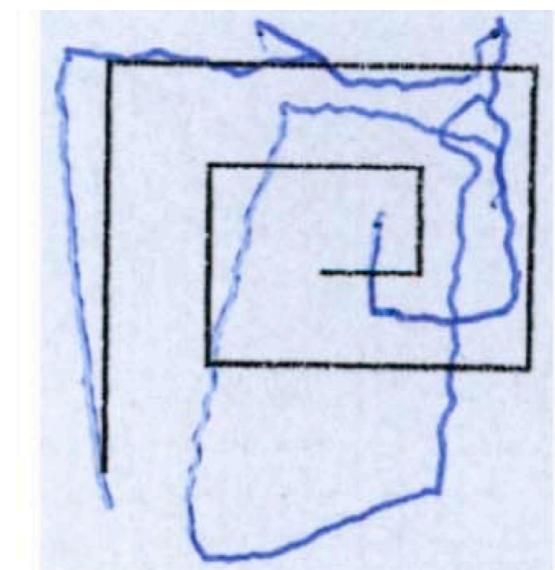
(a)



(b)

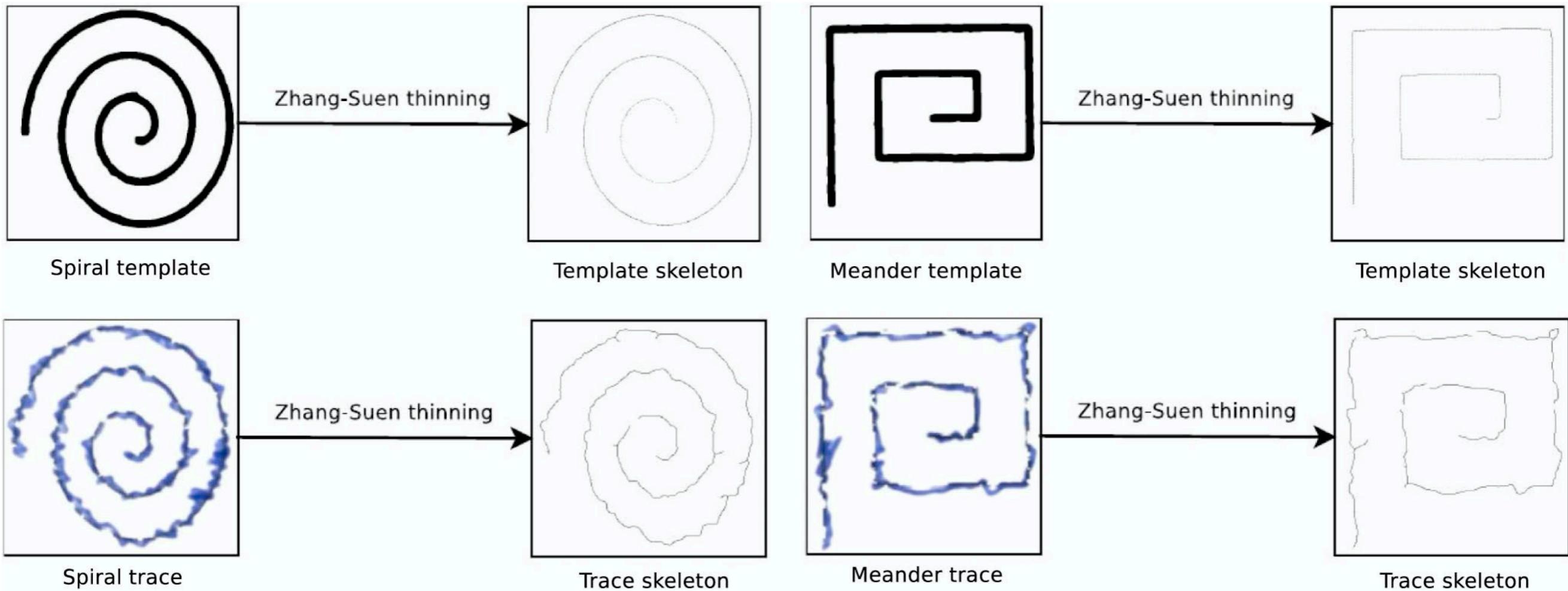


(c)

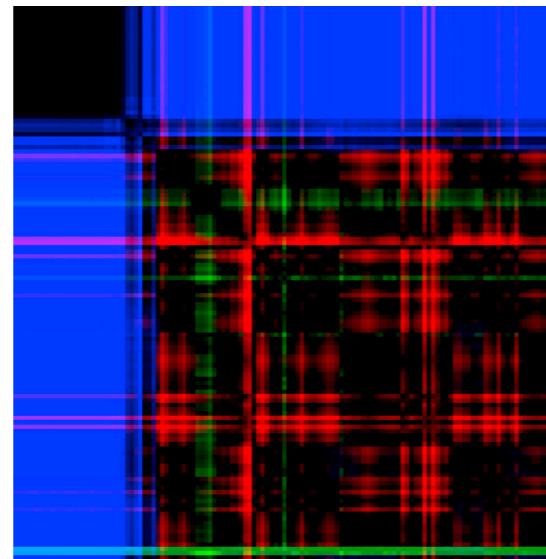


(d)

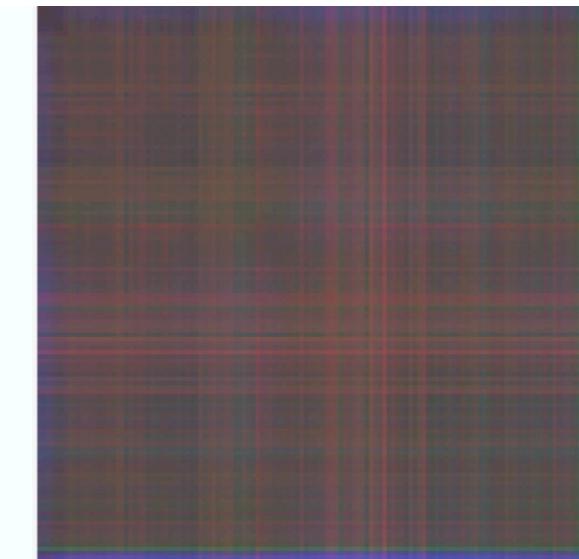
Computer-assisted Medicine



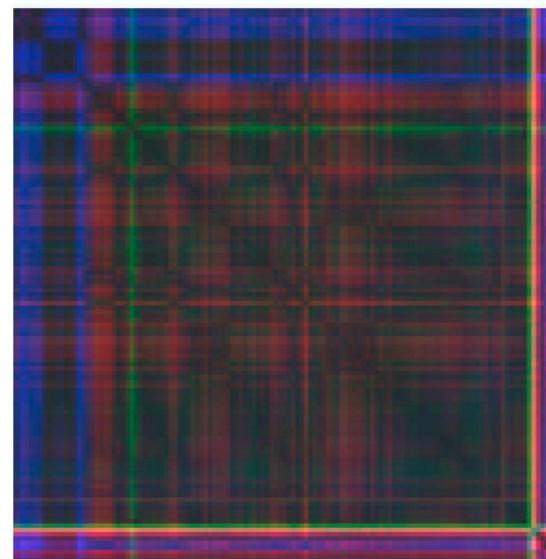
Computer-Assisted Medicine



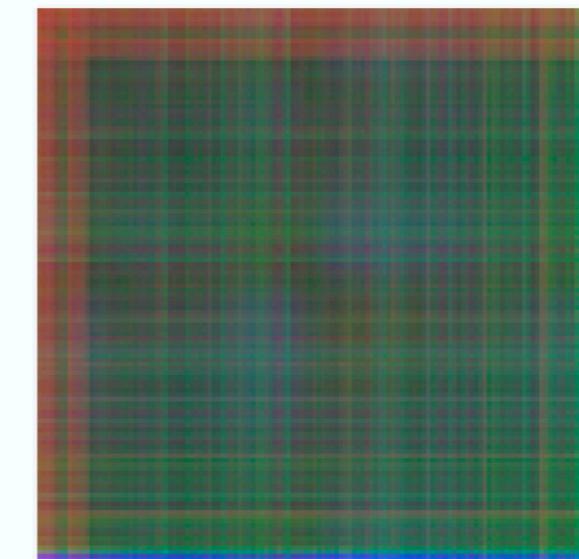
(a)



(b)

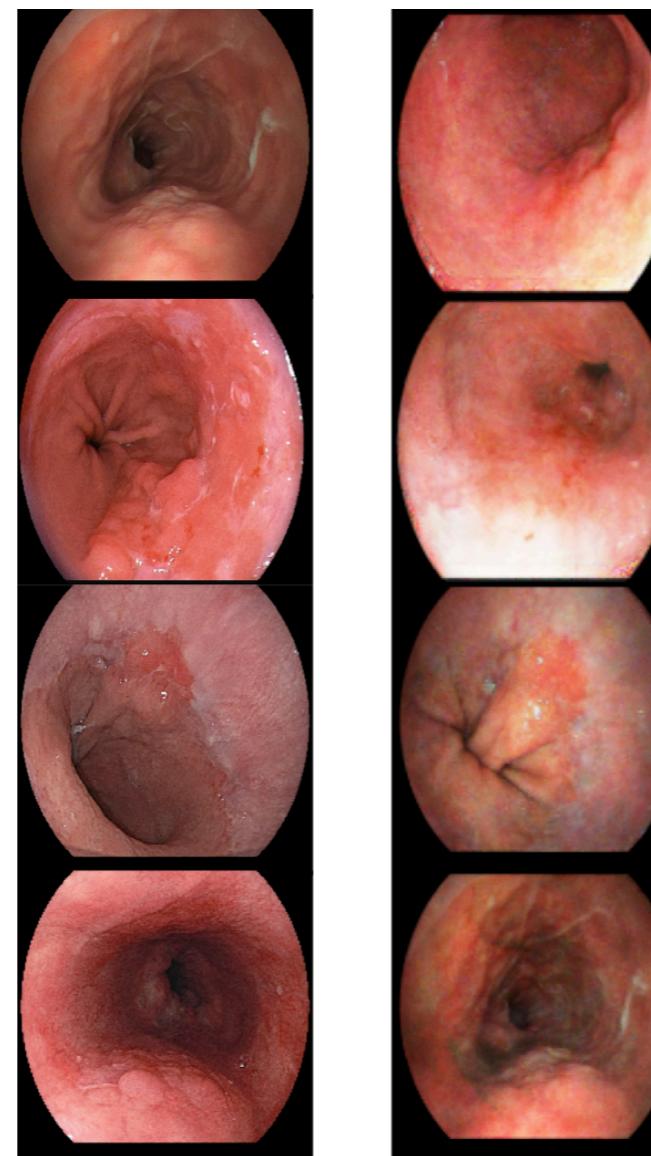


(c)

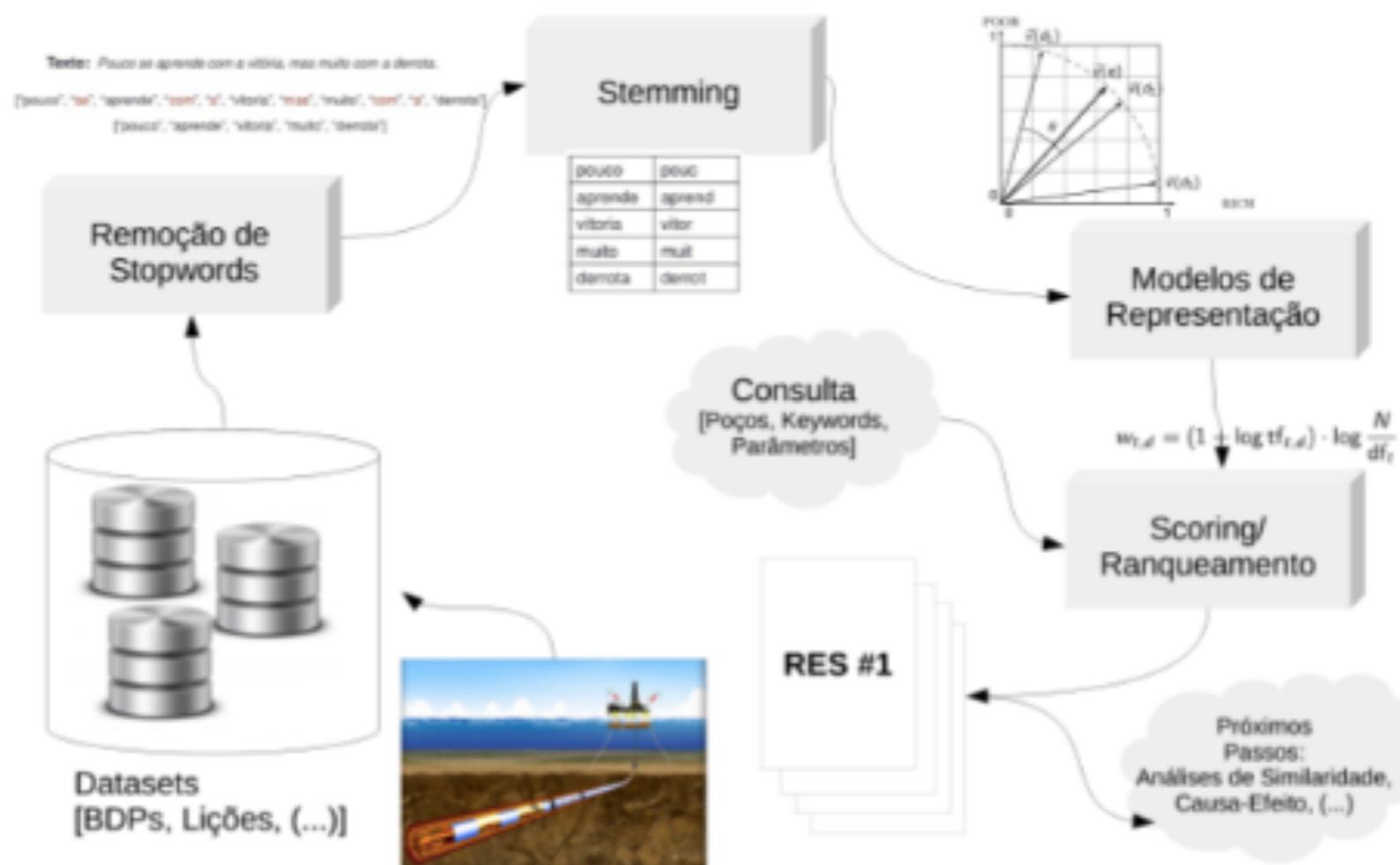


(d)

Synthetic Data Generation



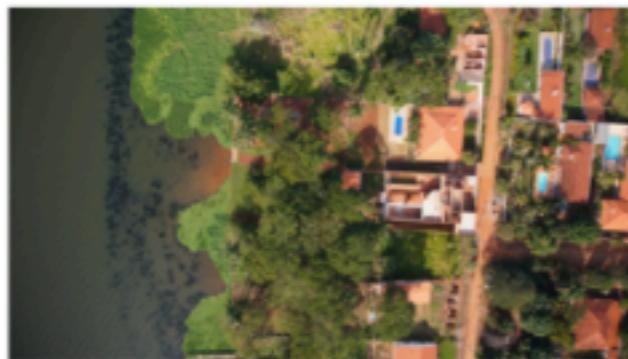
Petroleum Engineering





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Drone Image Classification



(a)



(b)



(c)



(d)

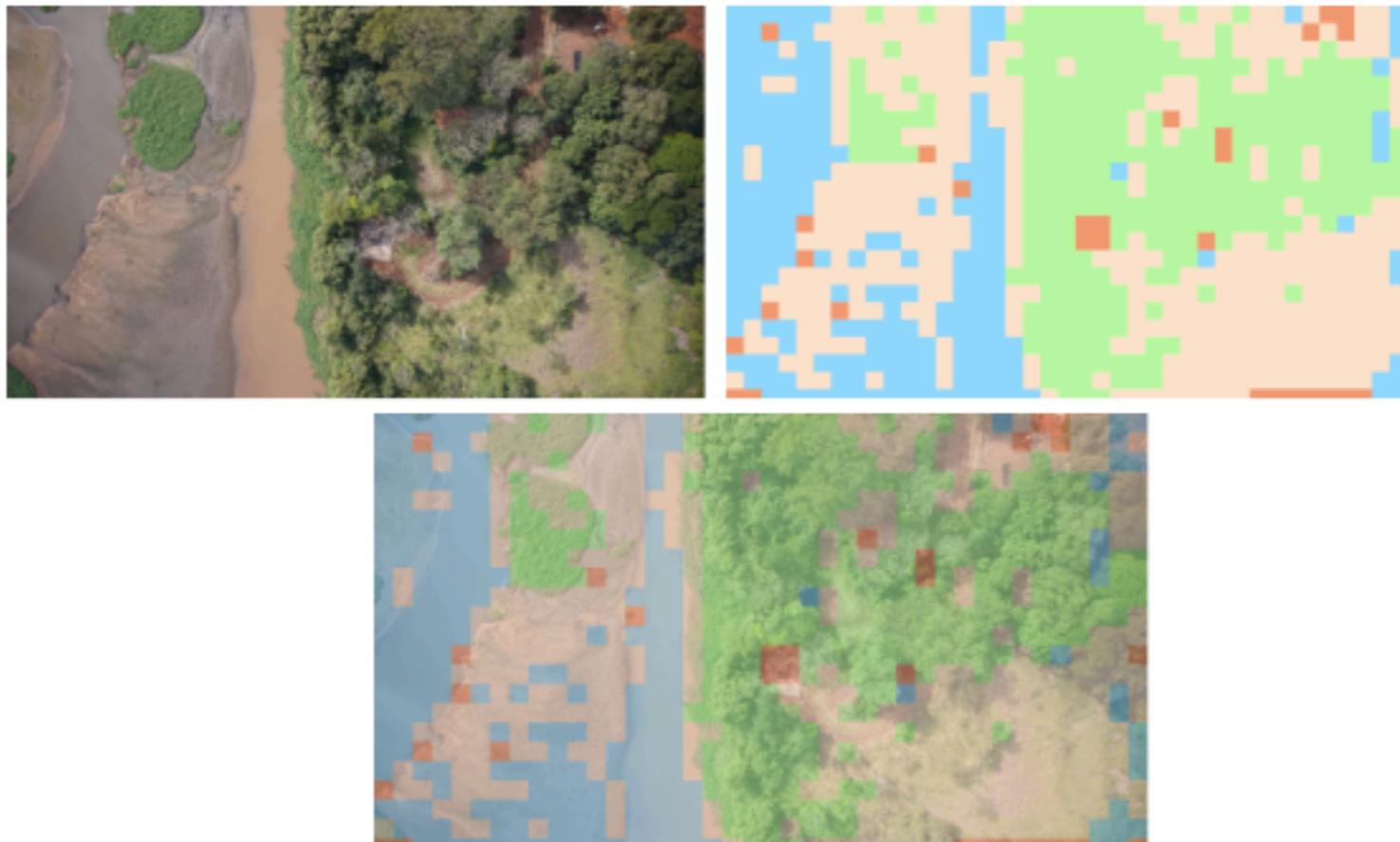


(e)



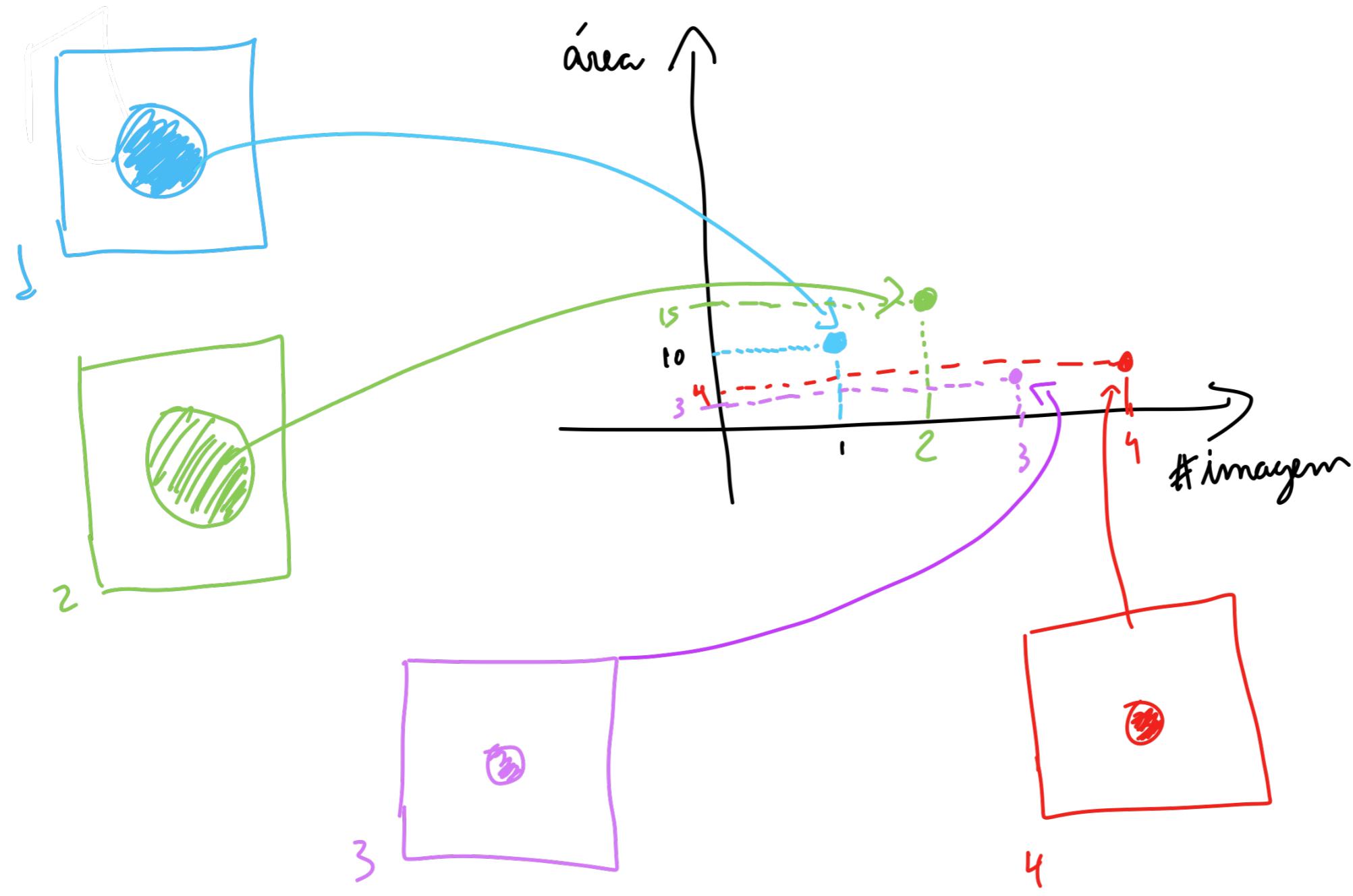
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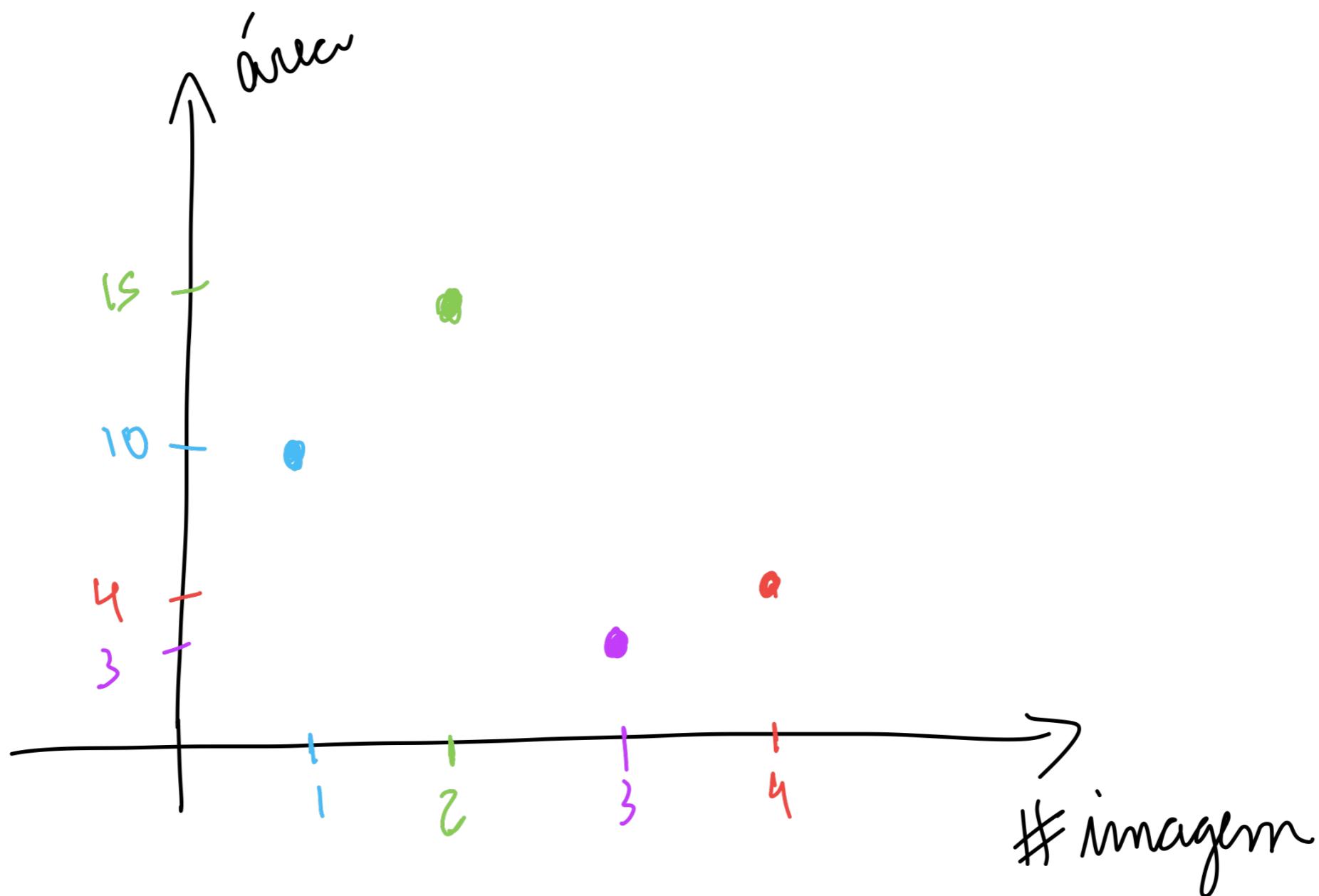
Drone Image Classification

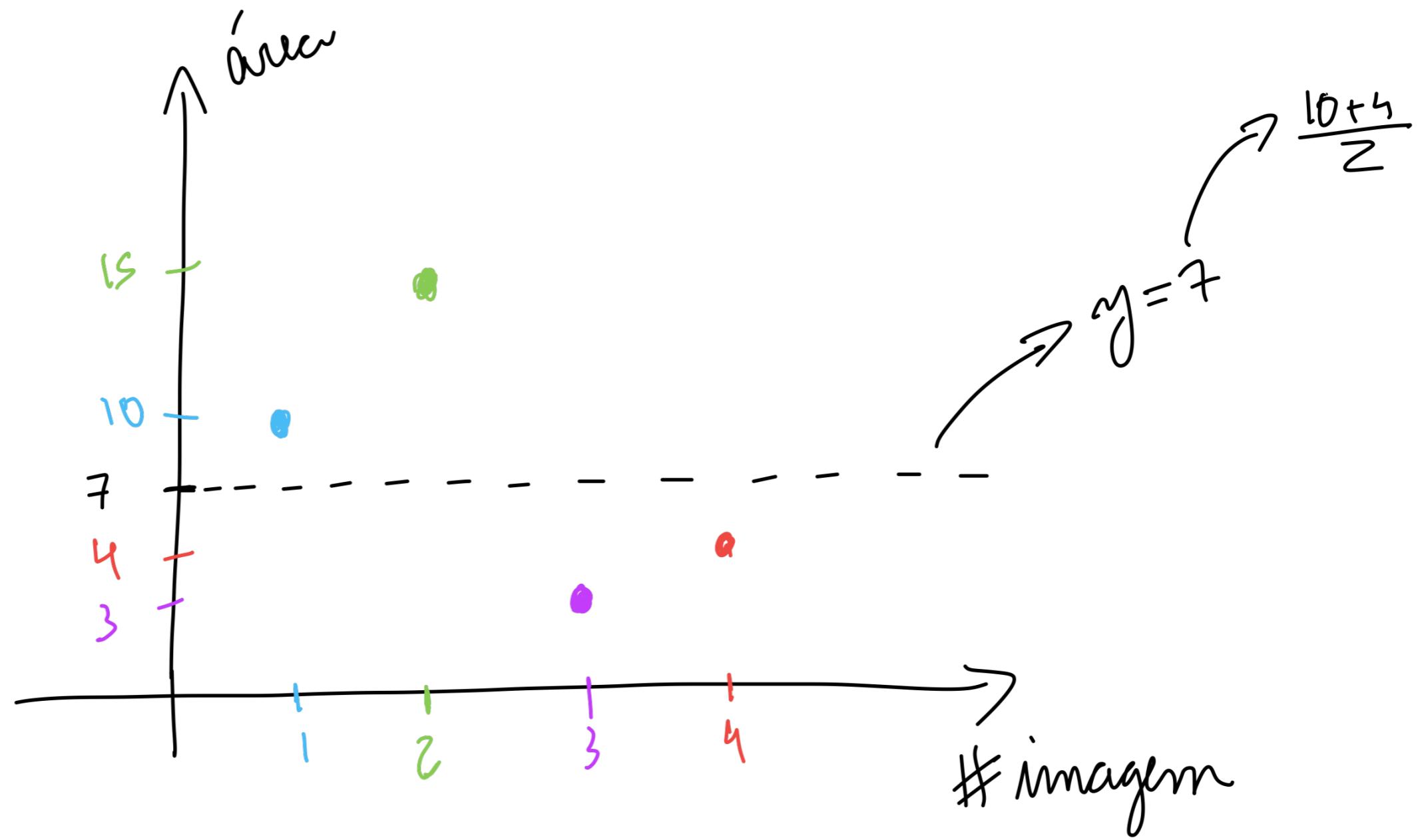


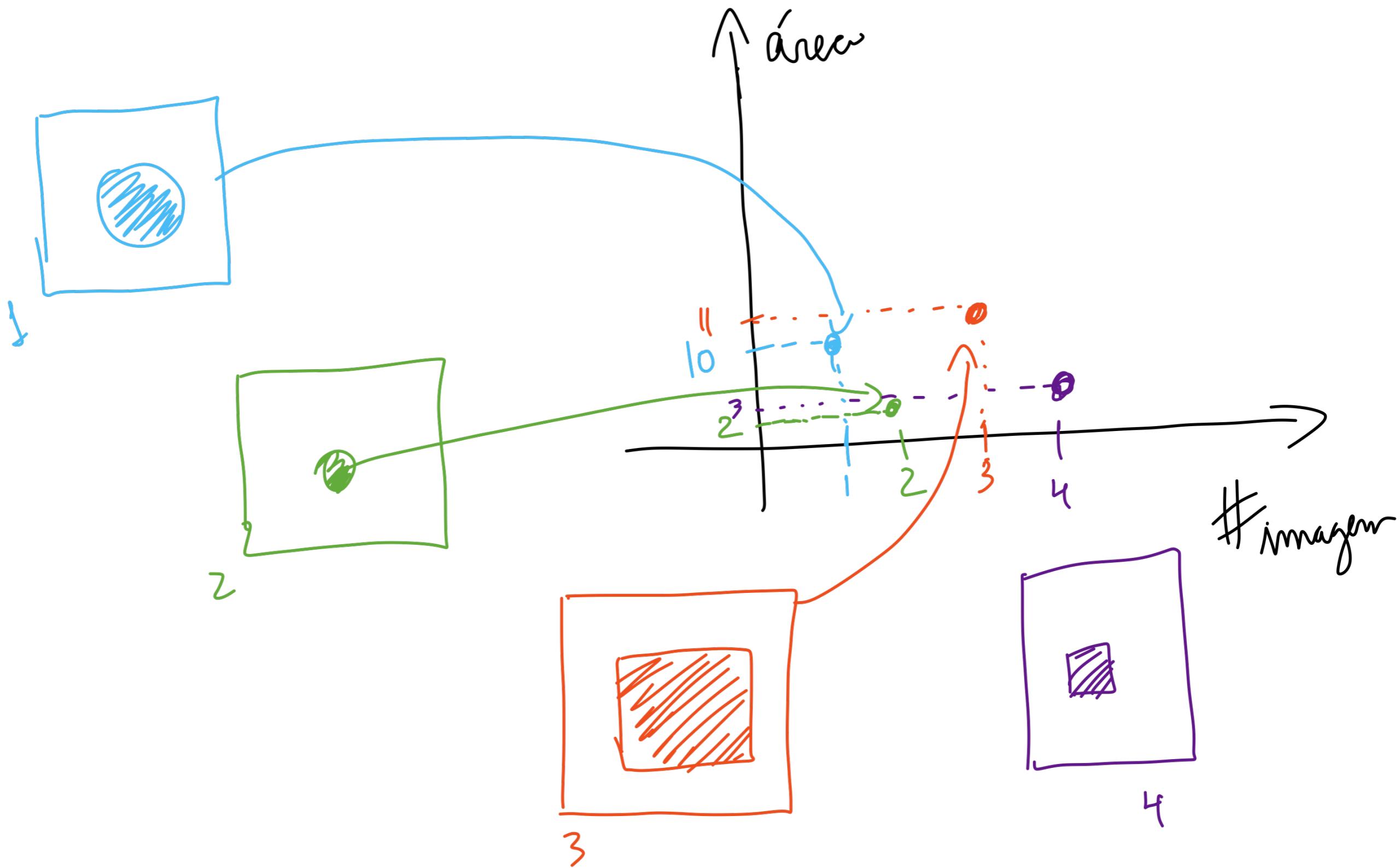


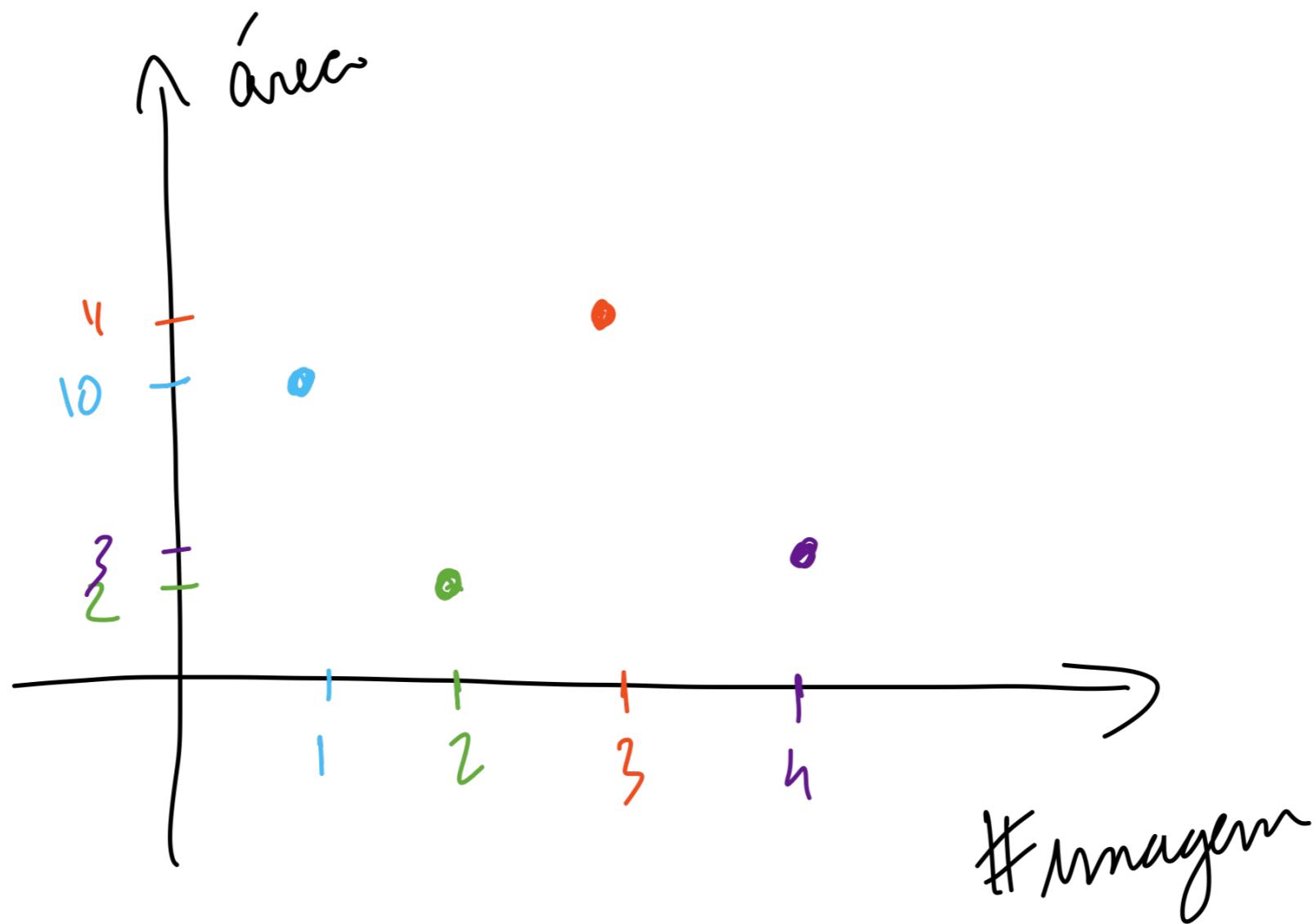
Let's learn how to design an IA algorithm?

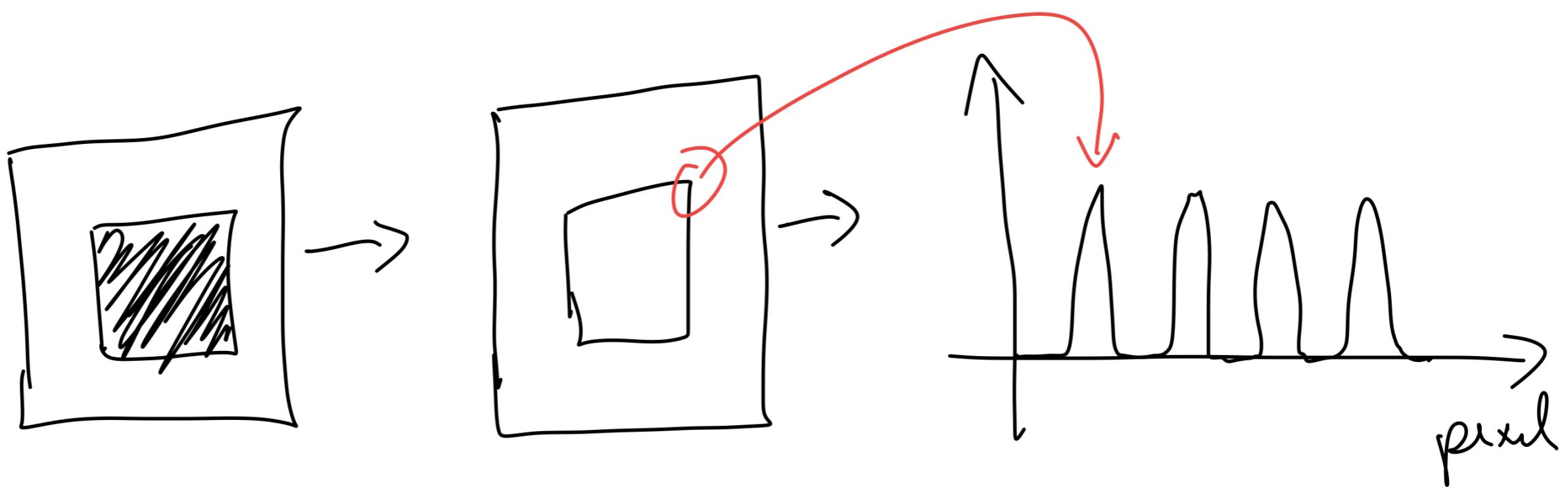
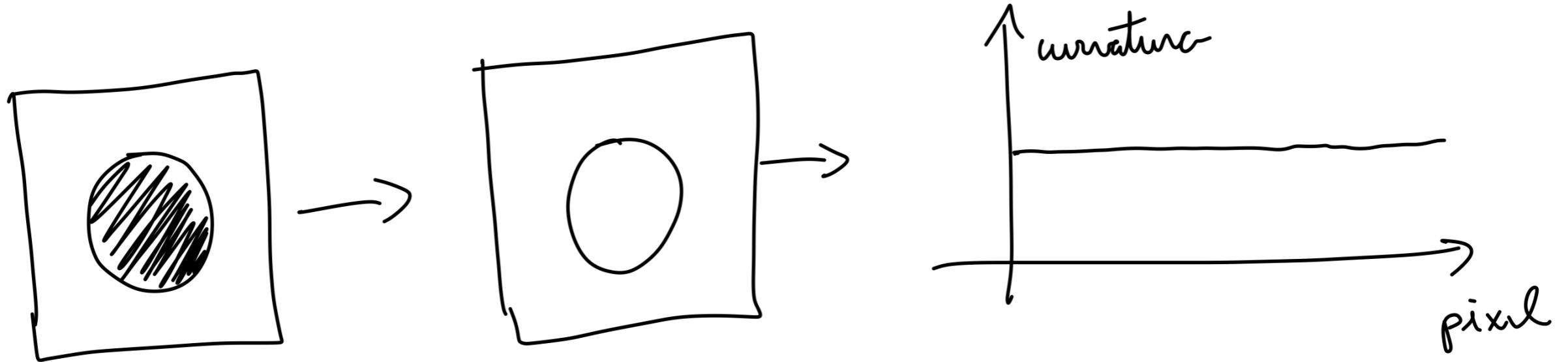


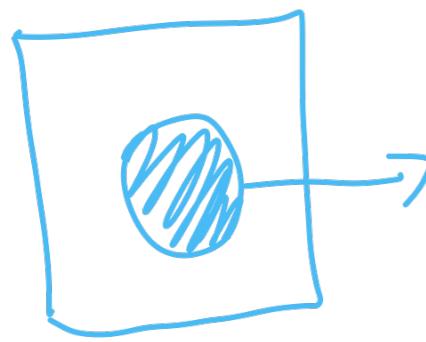




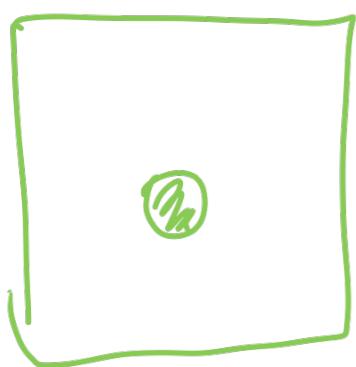








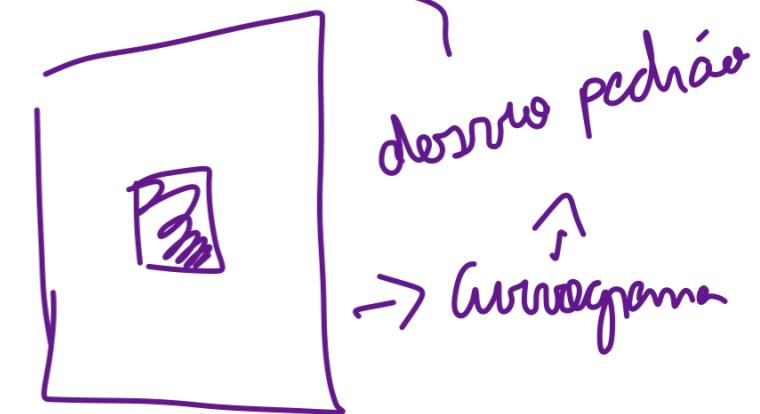
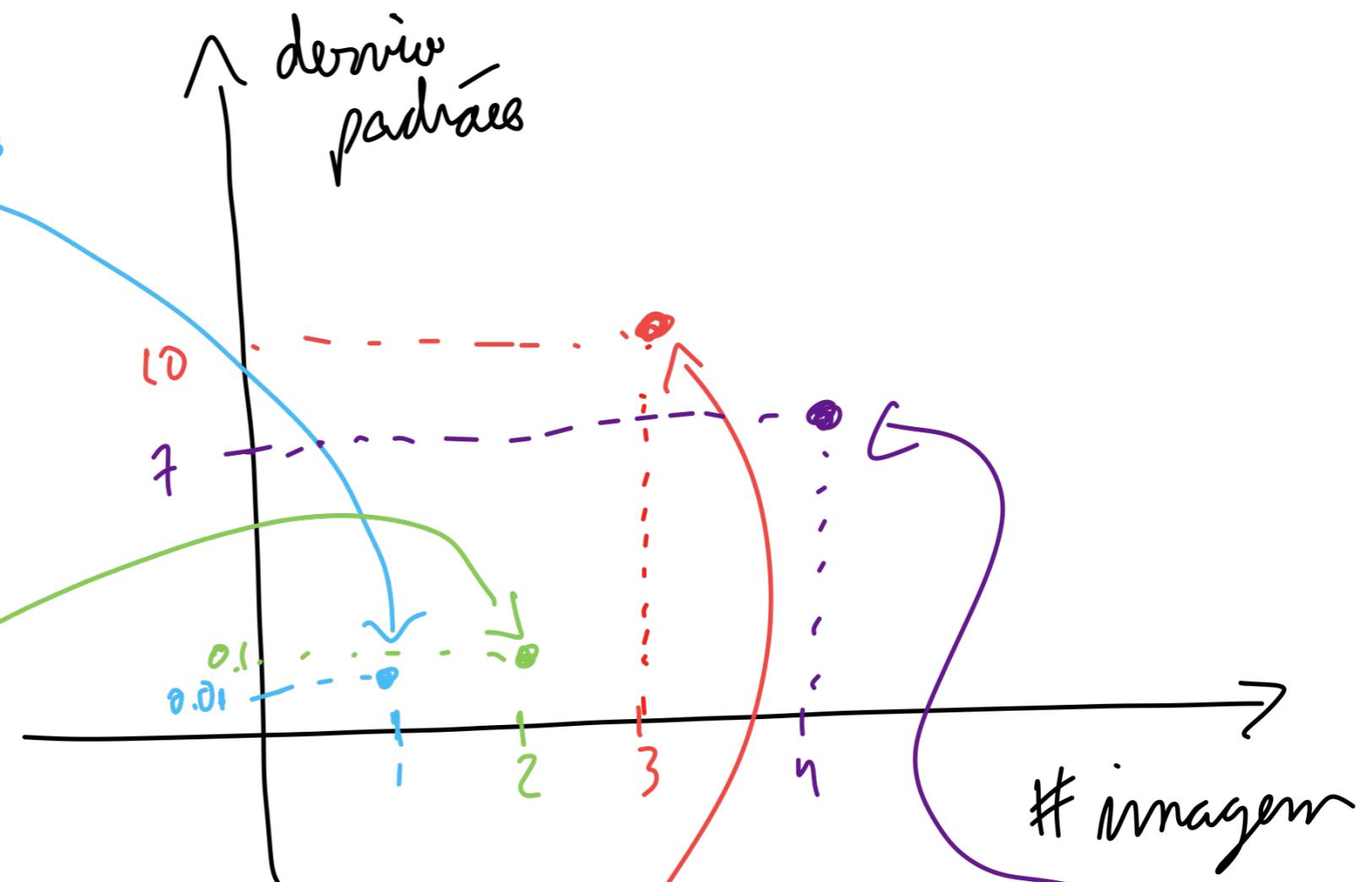
Anagrama
↓
deriva padrões



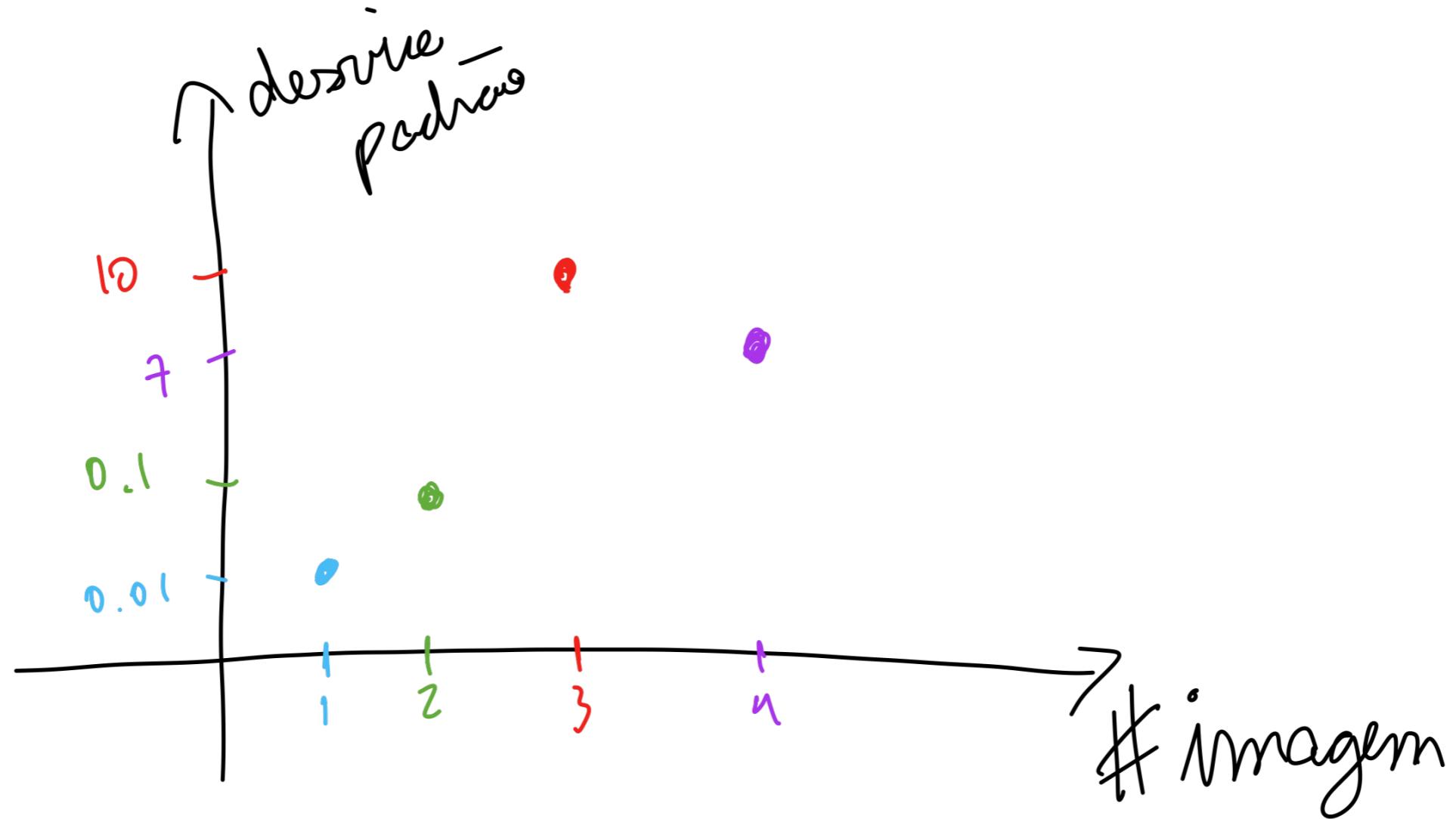
Anagrama
↓
deriva
padrões

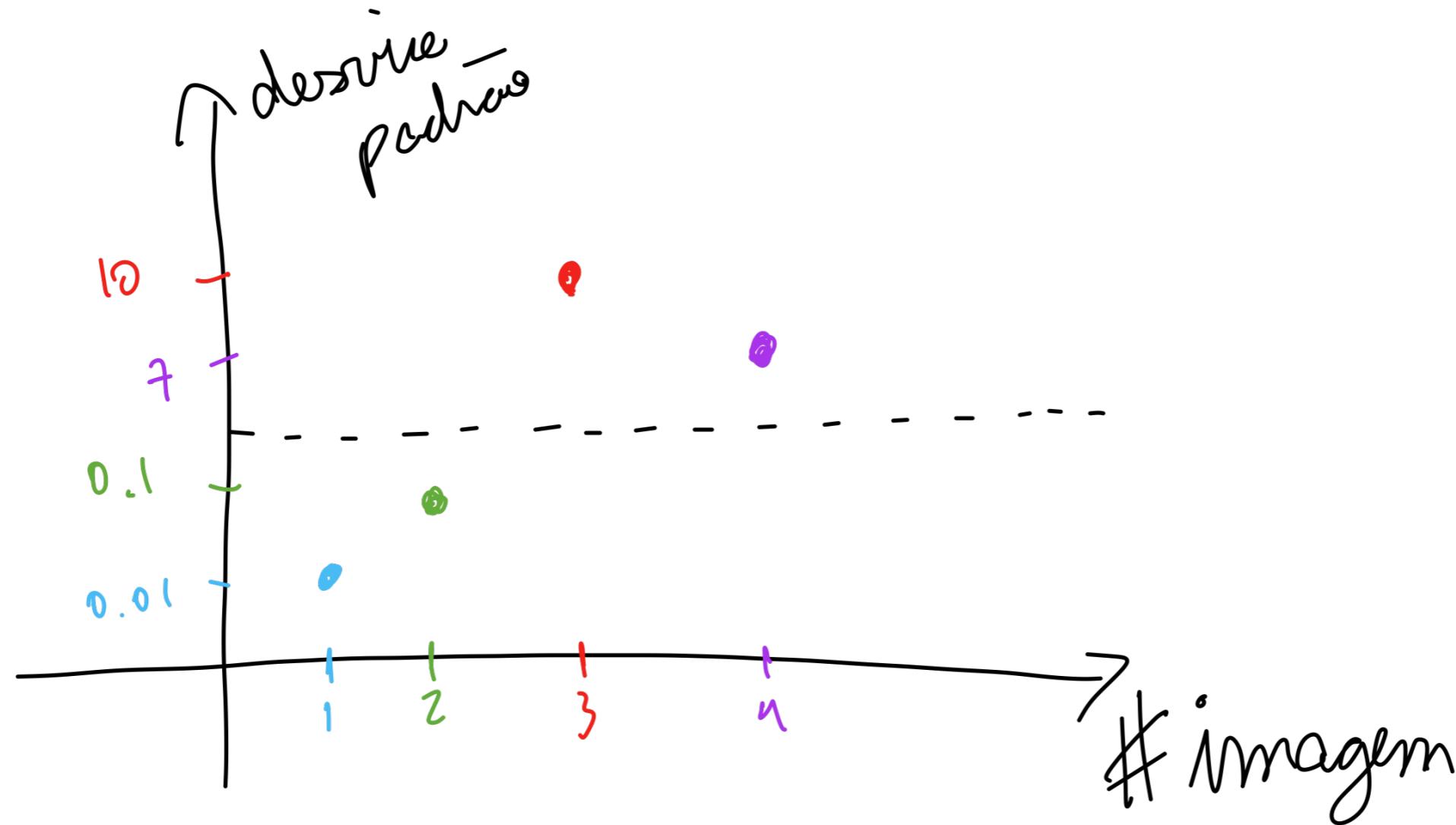


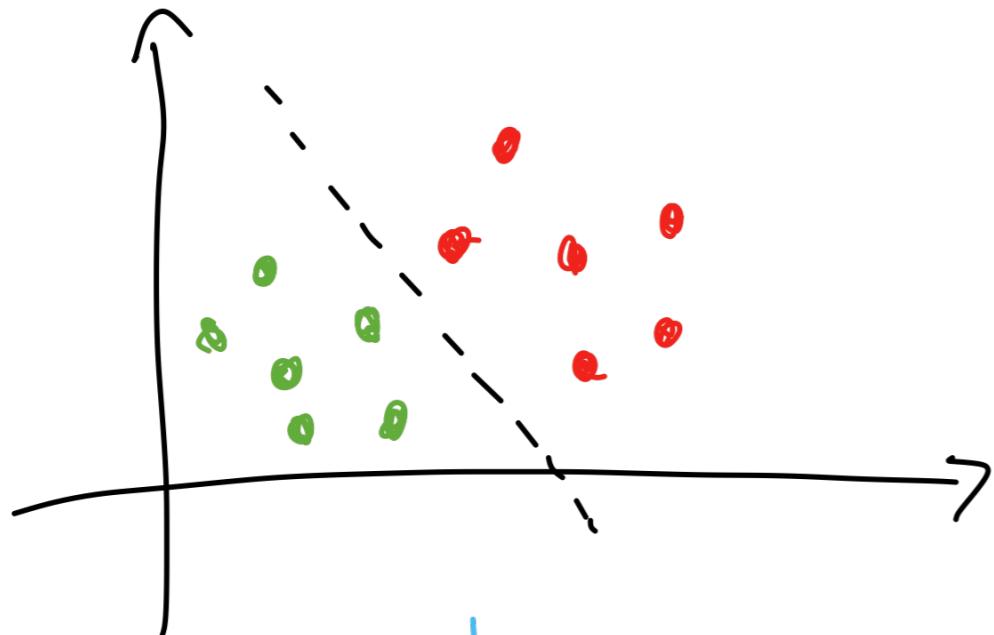
↳ Anagrama
↳ deriva
padrões



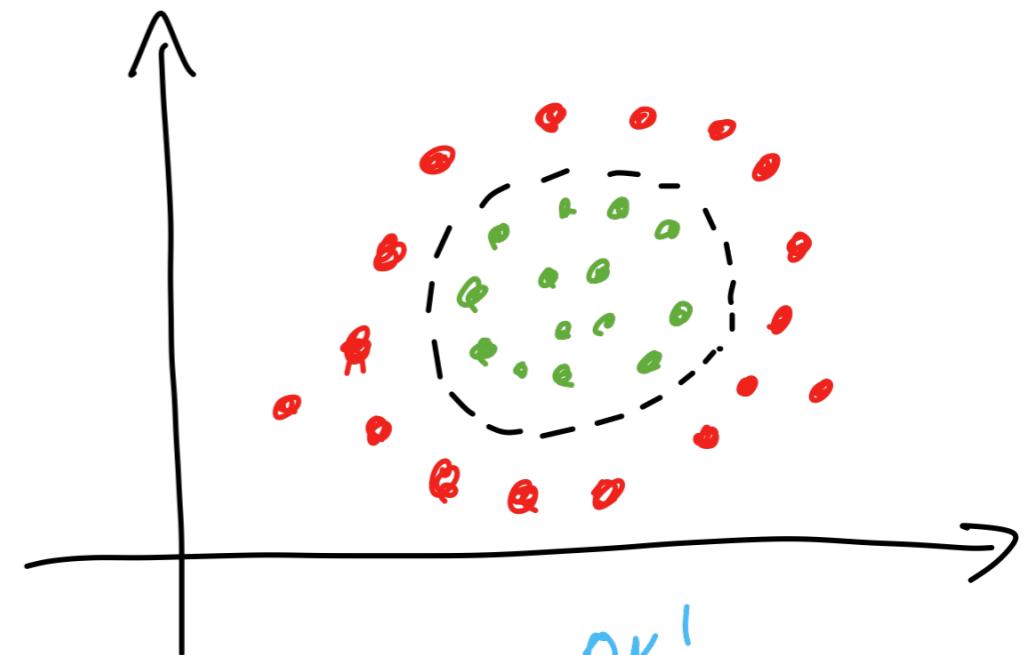
deriva padrões
→ Anagrama



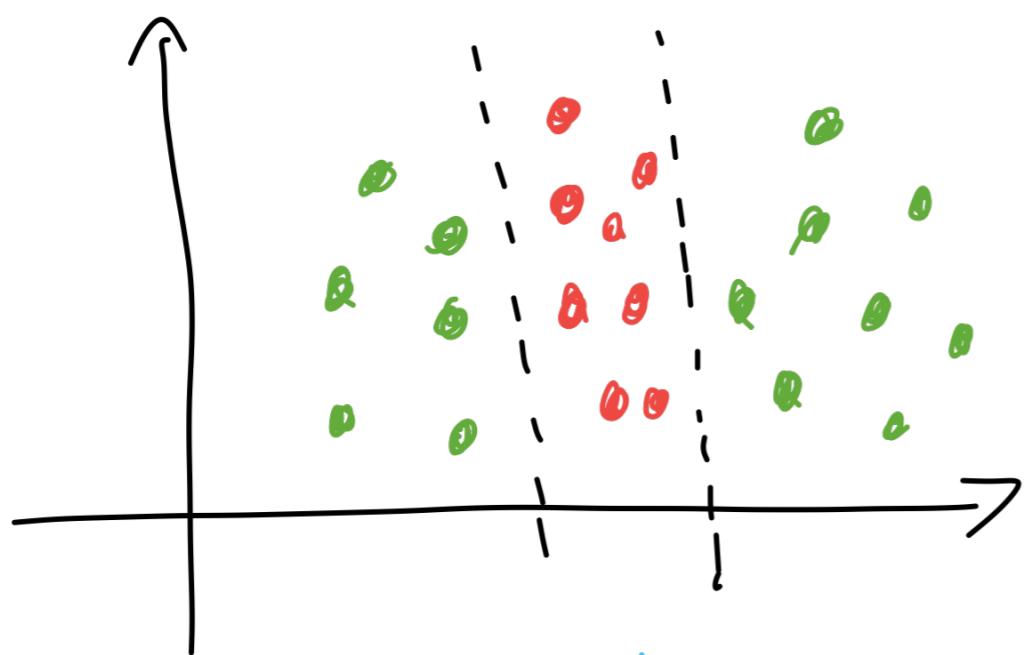




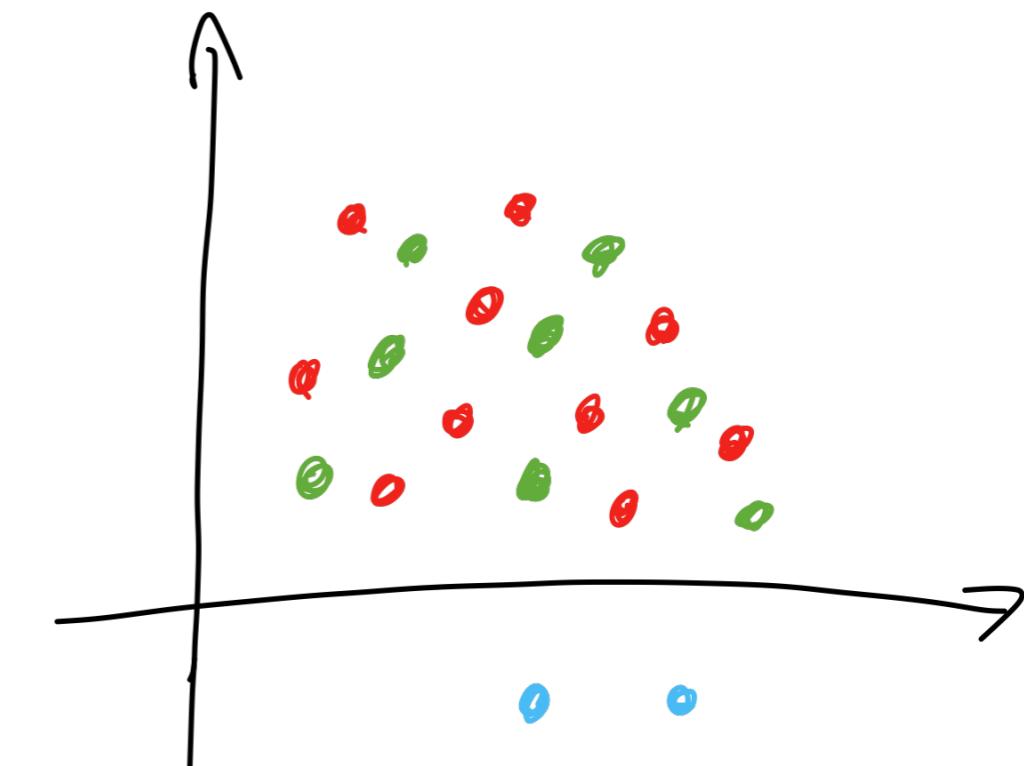
OK!



OK!



OK!



Not OK!



And now?





Thank you so much!