AVANTIX

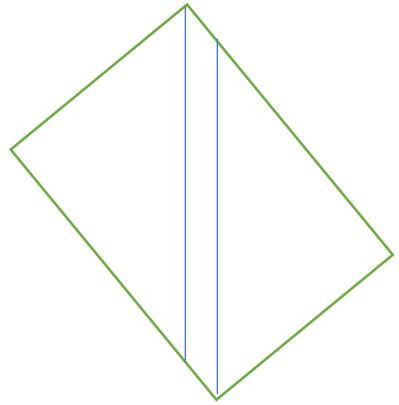
Avancement Simulateur IQ

Différences entre simus et HE360

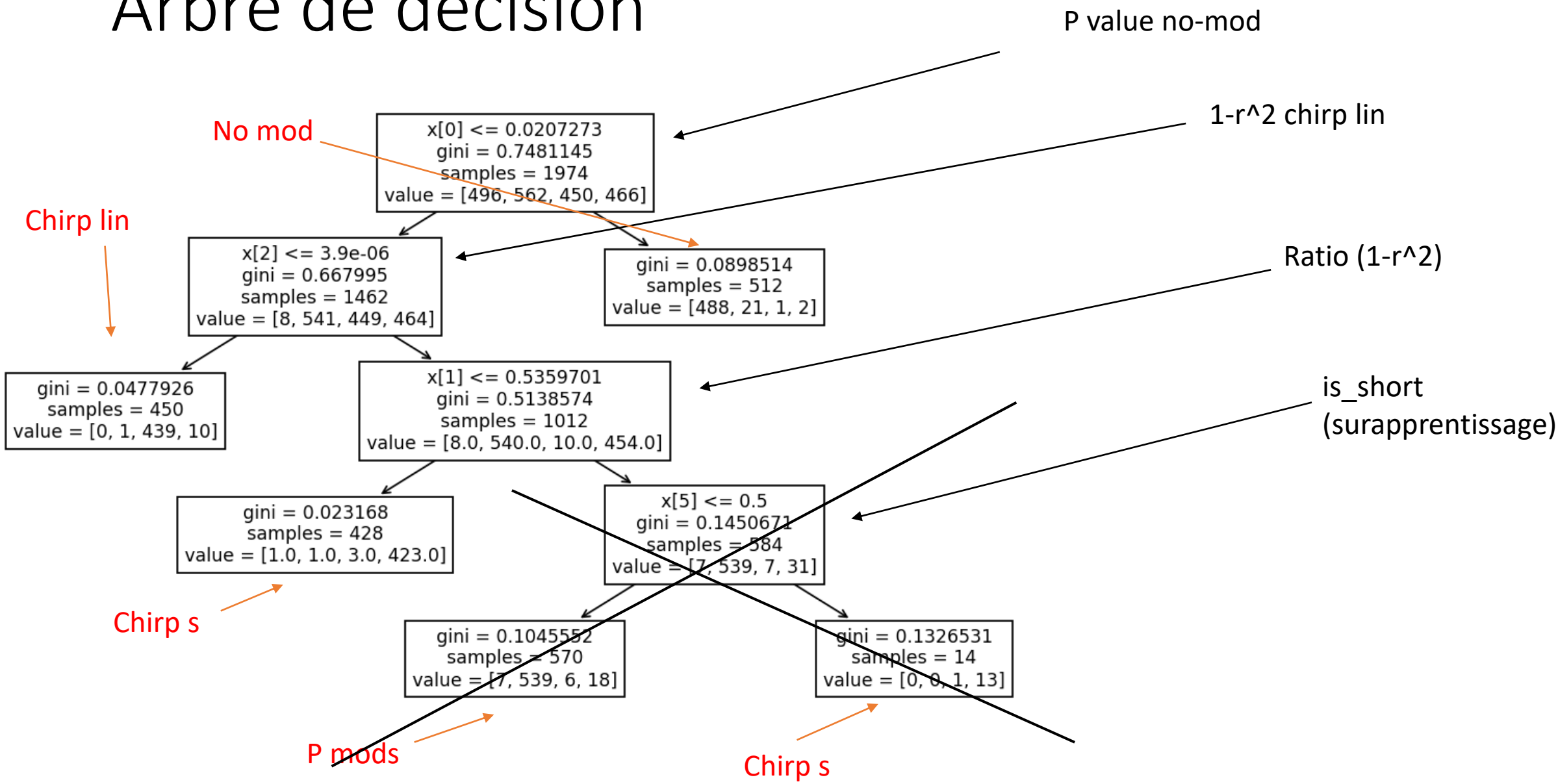
1. Beaucoup d’interférences
2. Bbox non parfaites
3. Fs_rec faible
4. Faux positifs
5. Bcp de chirps

Chagements

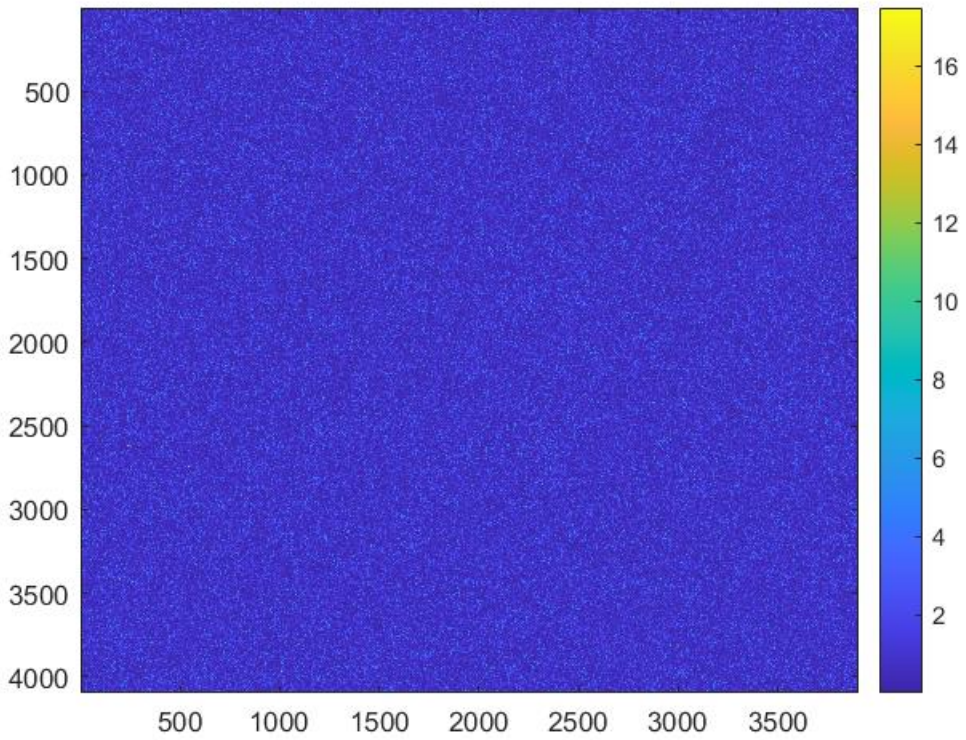
- Sigma_noise calculé à la vollée (à partir des pixels autours de l'impulsion)
- Bricolage pour extraire les tstart, t_end des bbox
- 2 zooms max sur le filtre adaptatif
- On tente la FE si $\frac{A}{\sigma_f}$>1,4
- Correction des sauts de phase



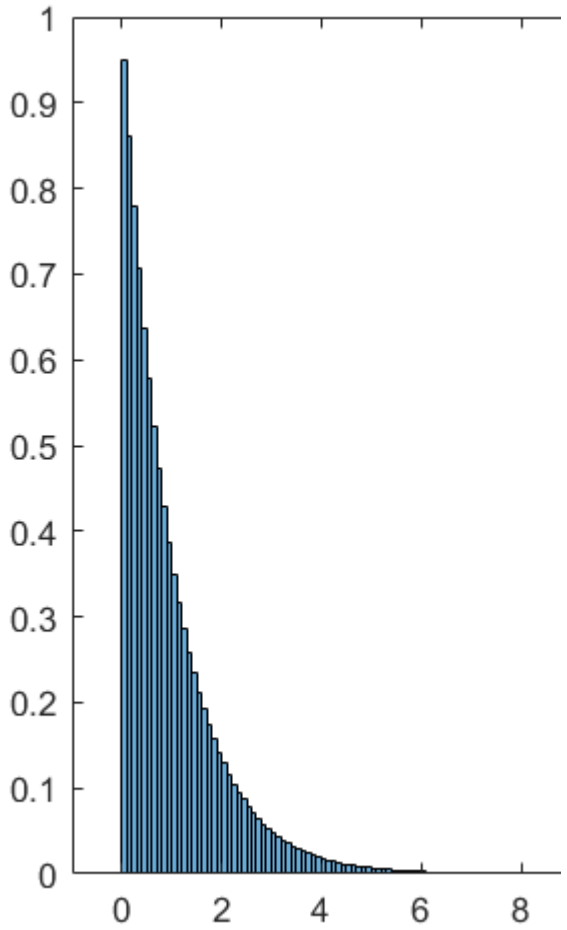
Arbre de décision



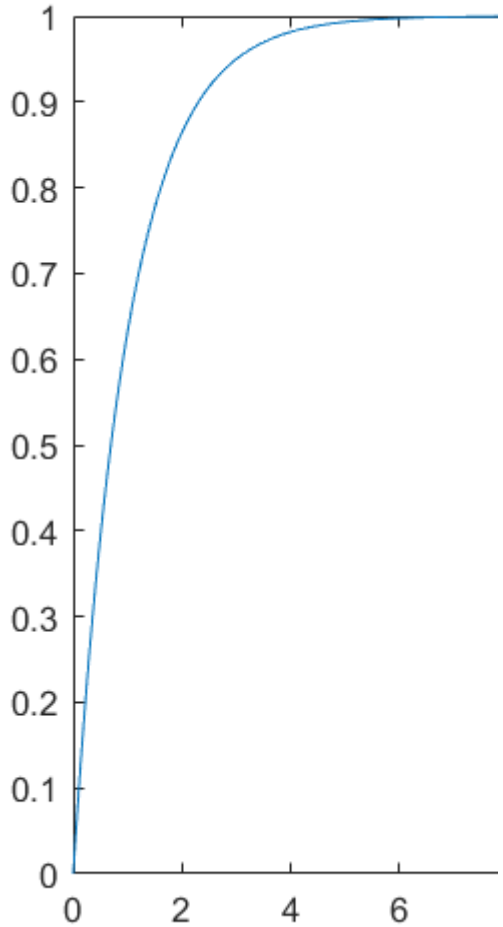
Spectrogramme d’un bruit blanc



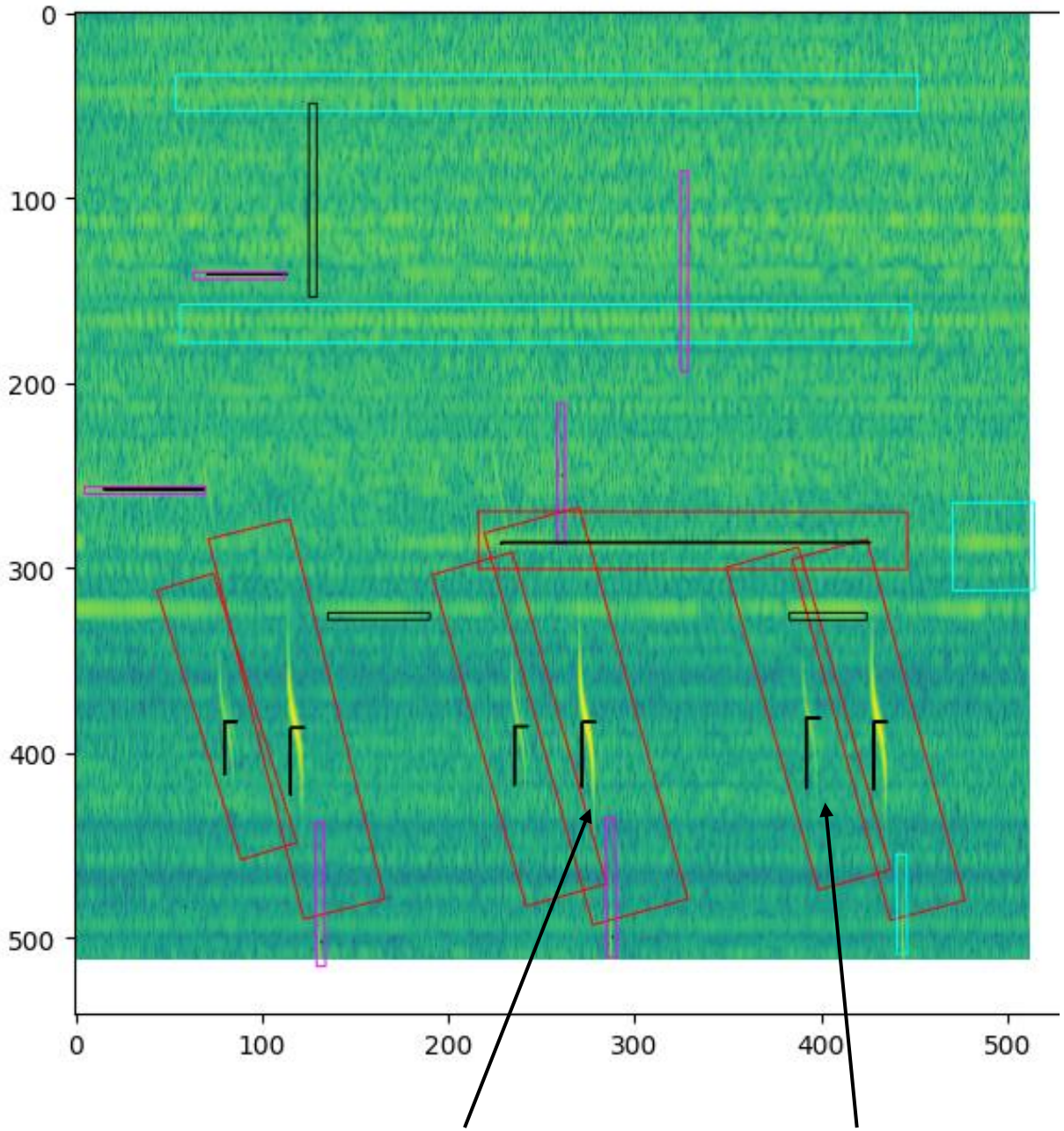
densité



fdr

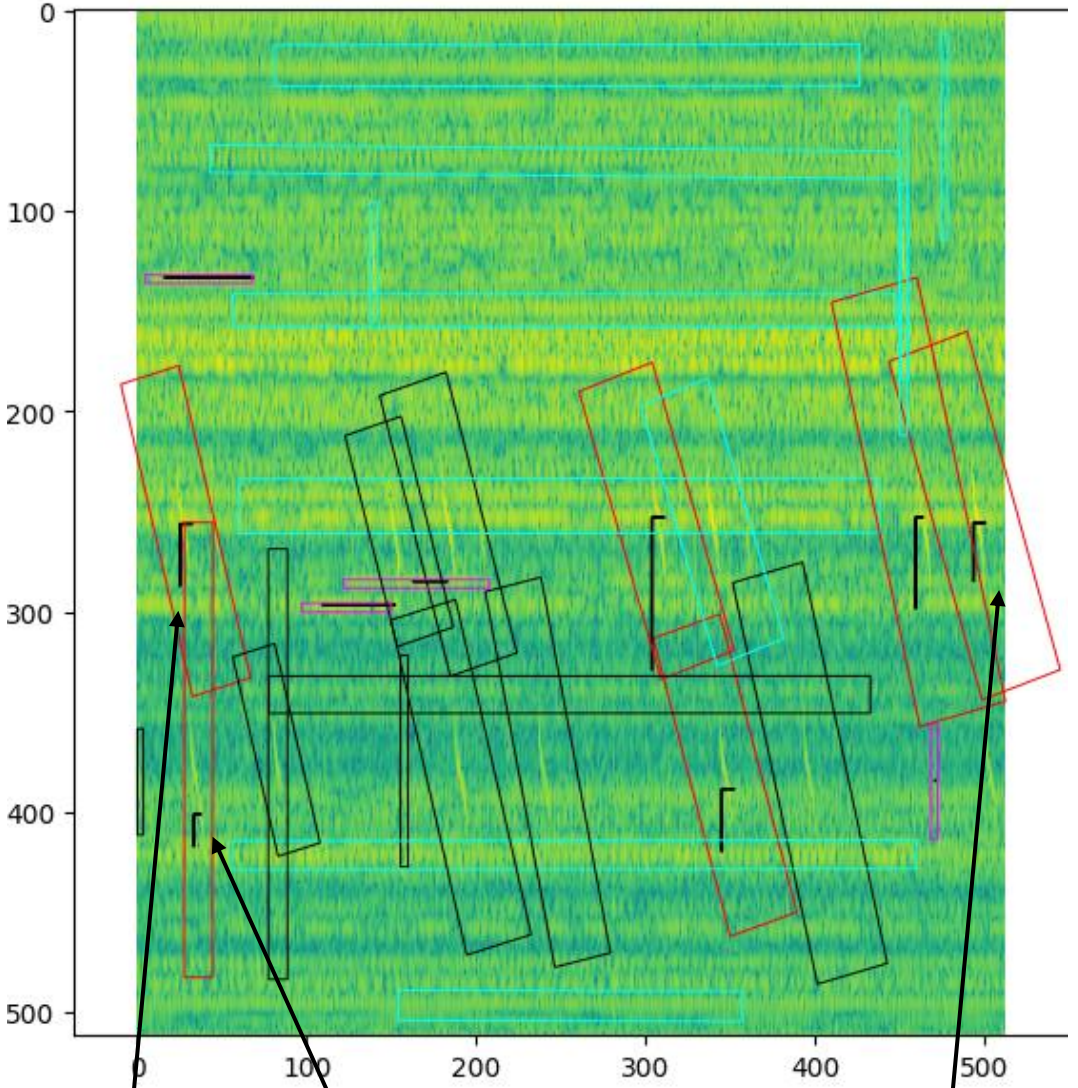


A partir d’un quantile, on peut retrouver sigma
On choisit de regarder le quantile d’ordre 0,4



9,6 sans zoom

2,6 sans zoom



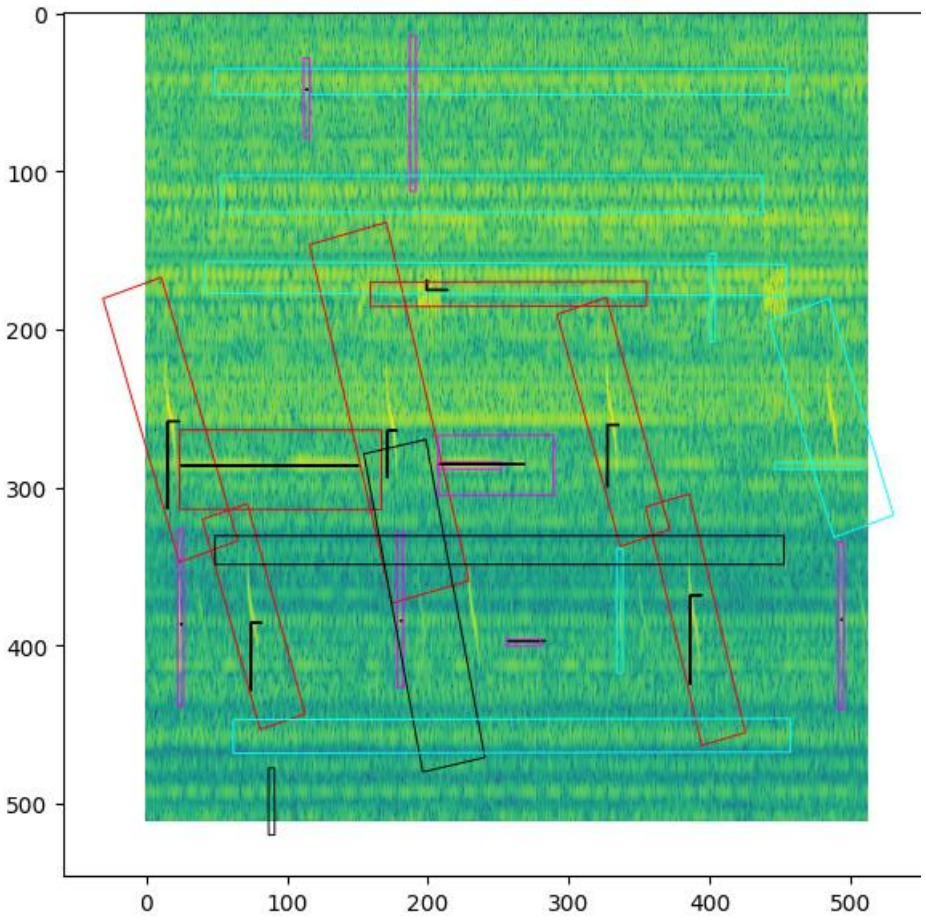
1,57, un zoom

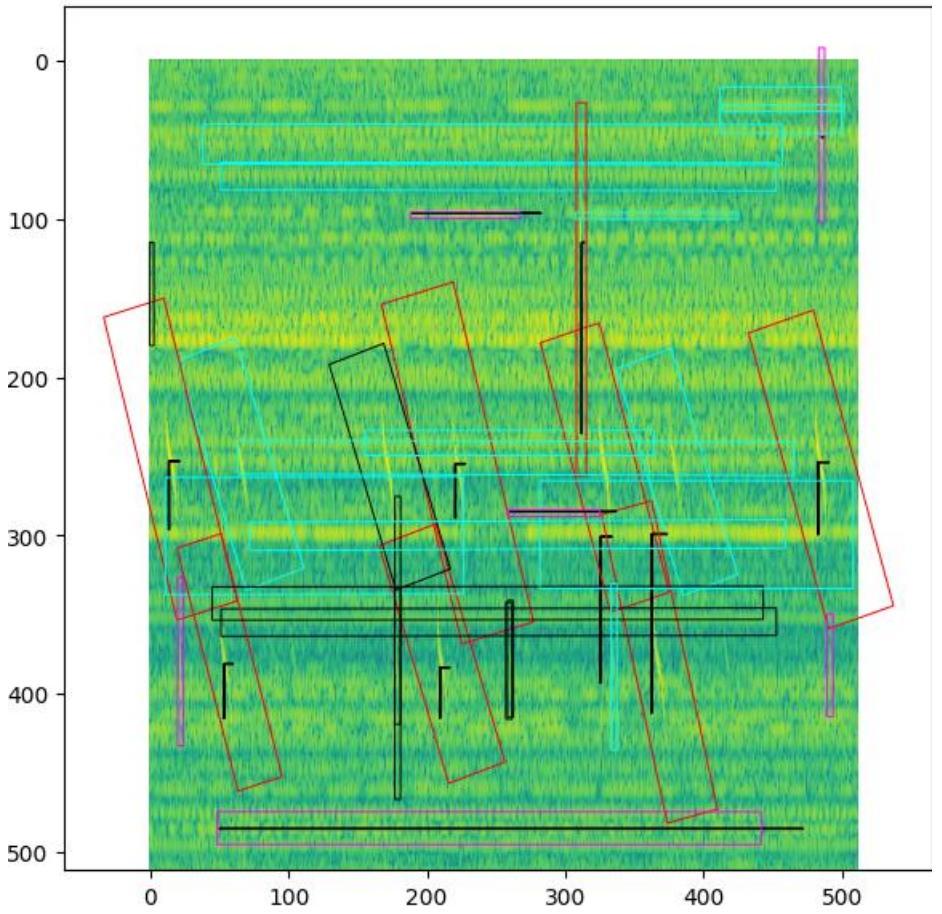
1,33, deux zooms

400

2,1, un zoom

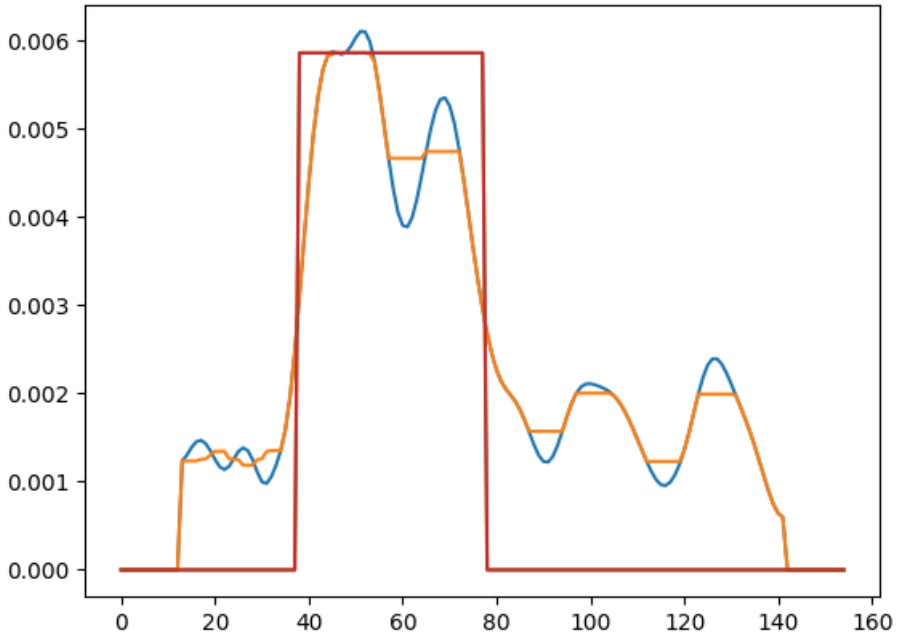
1900

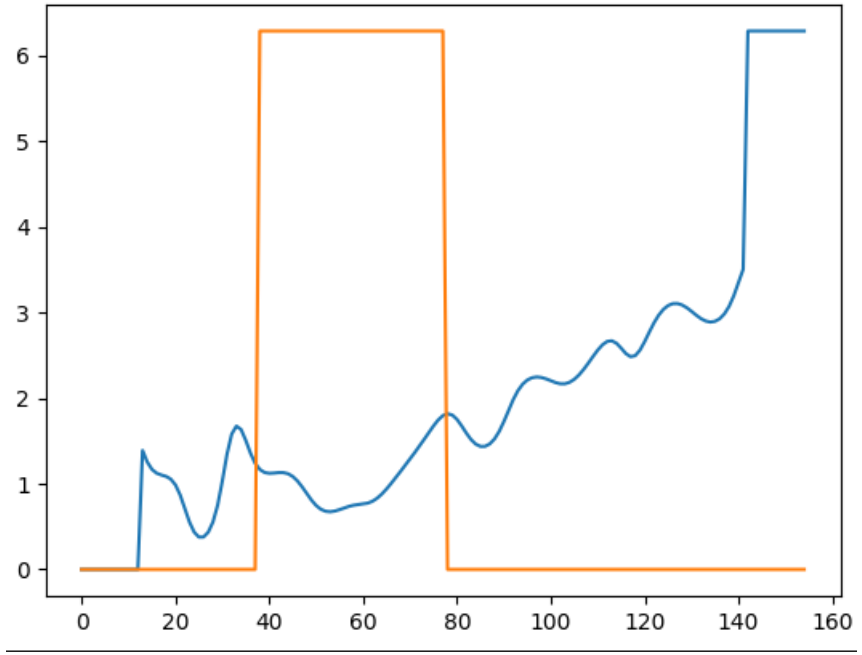


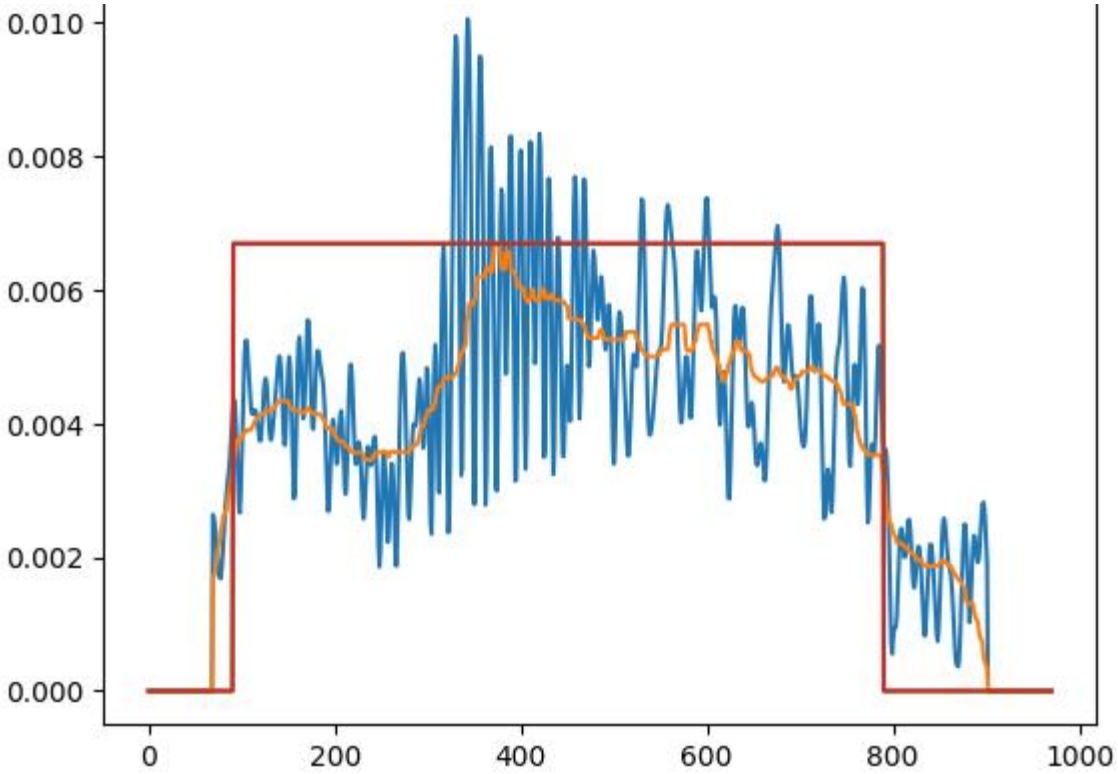


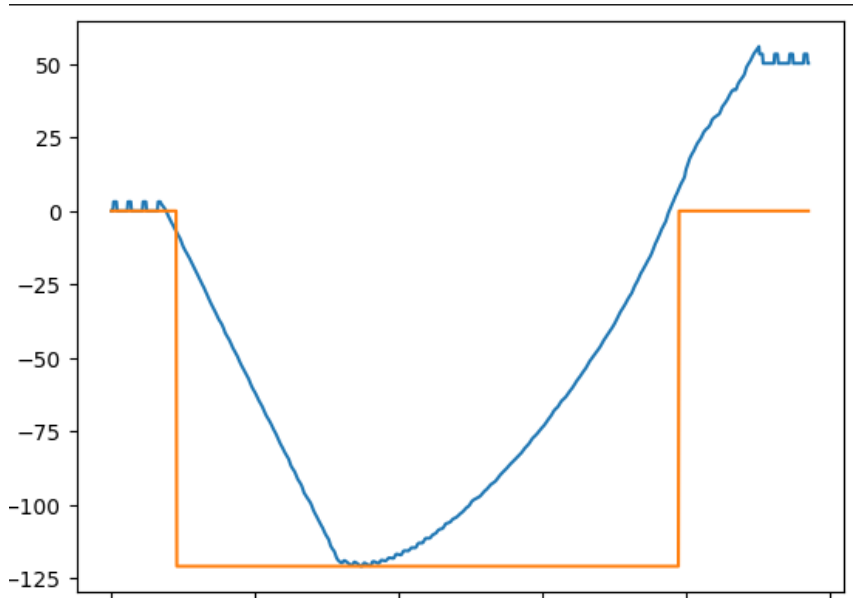
Il faudrait entrainer yolo à faire des box plus fines sur les s-law

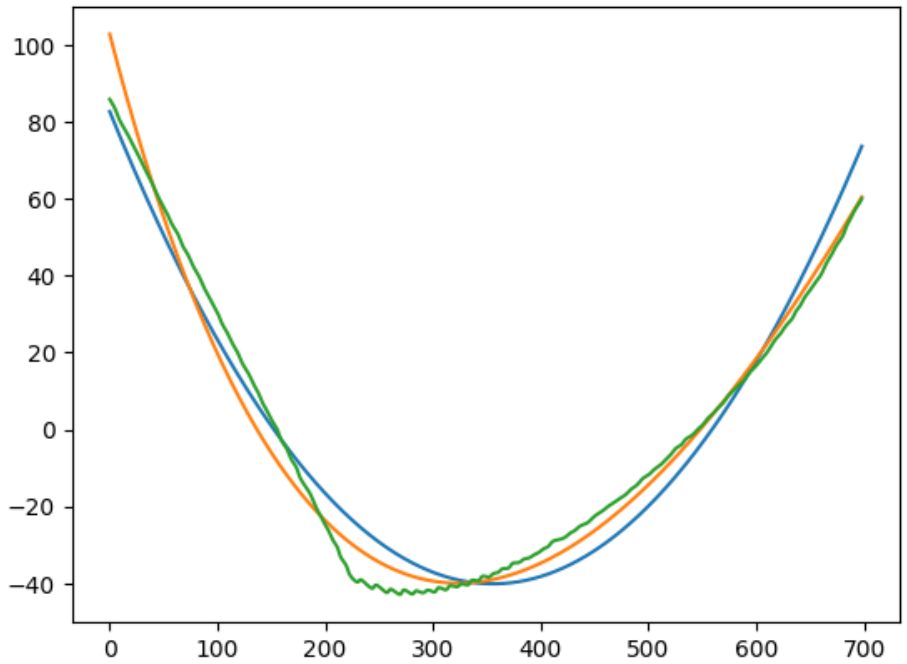
Fmods vues comme des no-mods






0.010
0.008
0.006
0.004
0.002
0.000
0
200
400
600
800
1000


50
25
0
−25
−50
−75
−100
−125


100
80
60
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20
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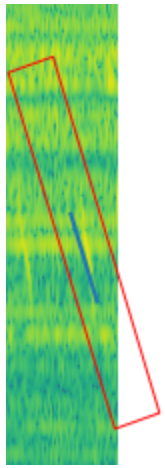
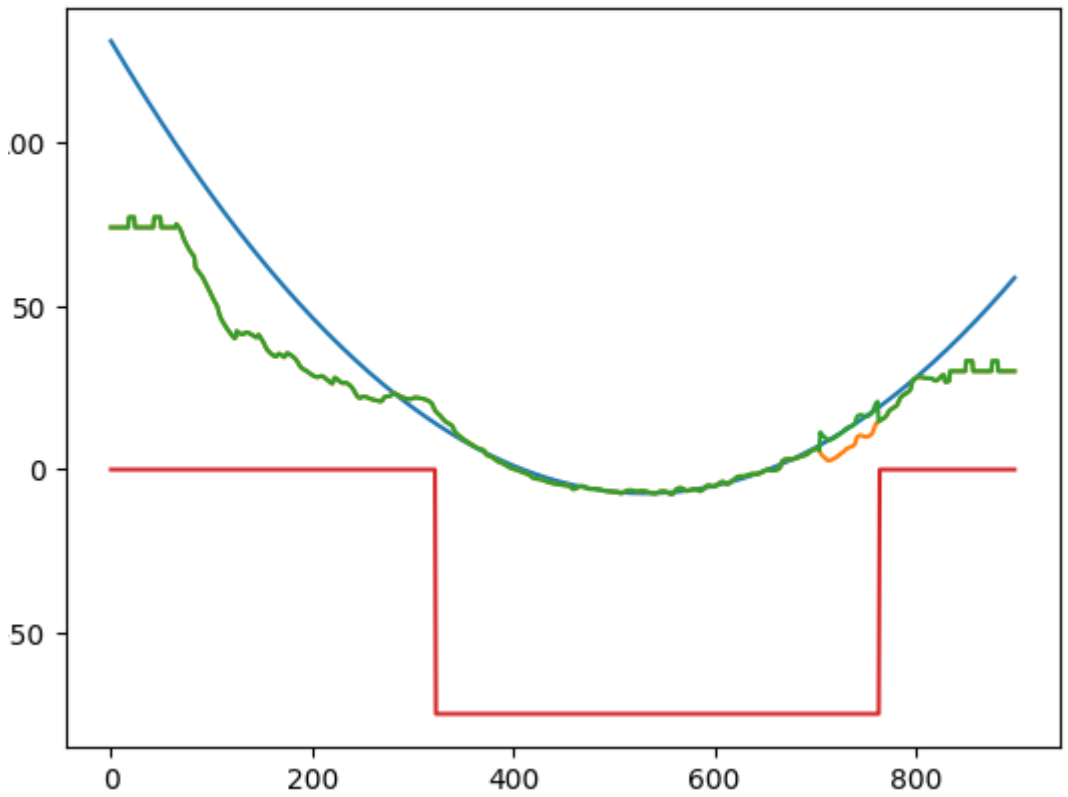
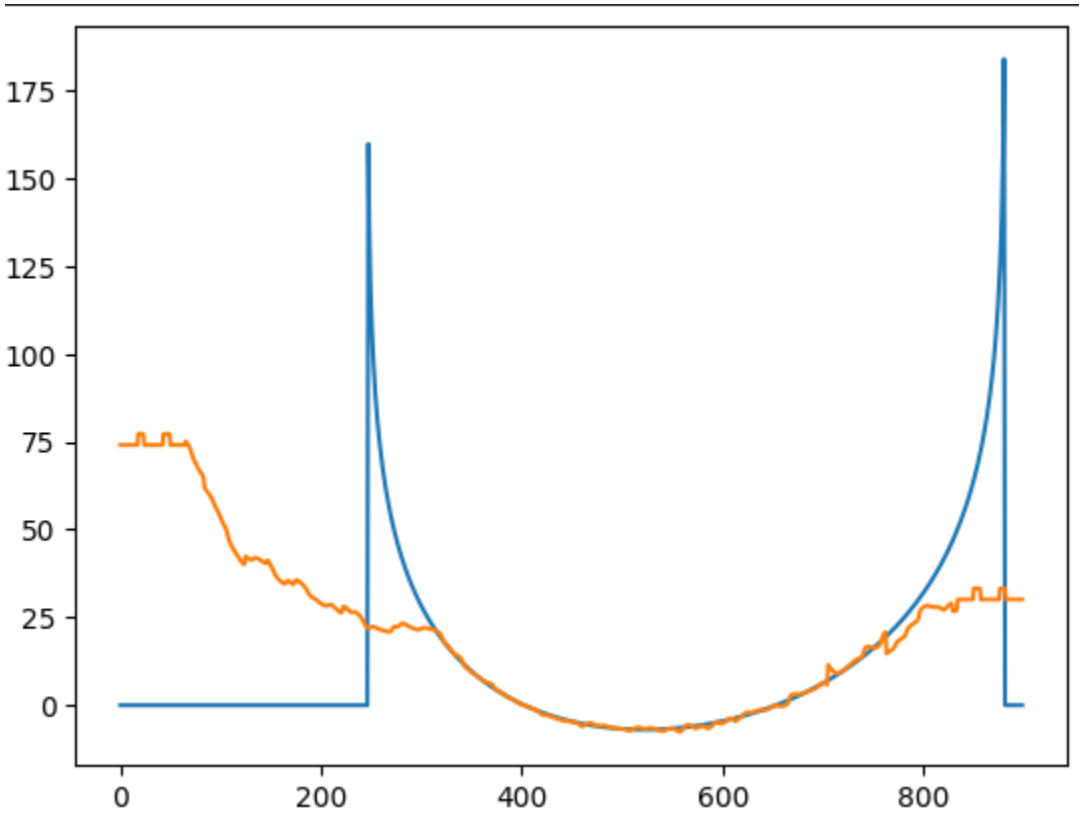
−20
−40
0
100
200
300
400
500
600
700




00
50
0
50
0
200
400
600
800


175
150
125
100
75
50
25
0
0
200
400
600
800

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MERCI