

2021-07-02_140000.aris

Duration: 0:29:39

Time of filming: 2021-07-02 (14:00:01 - 14:29:59)

Frames: 7021

Web app version: 1.0

Frame Rate: 3.9475

Result

total fish	4
upstream fish	3
downstream fish	0
nondirectional fish	1

Camera Info

upstream motion	Right To Left
intensity	0.0 dB
threshold	0.0 dB
water temp	13 degC

Hyperparameters

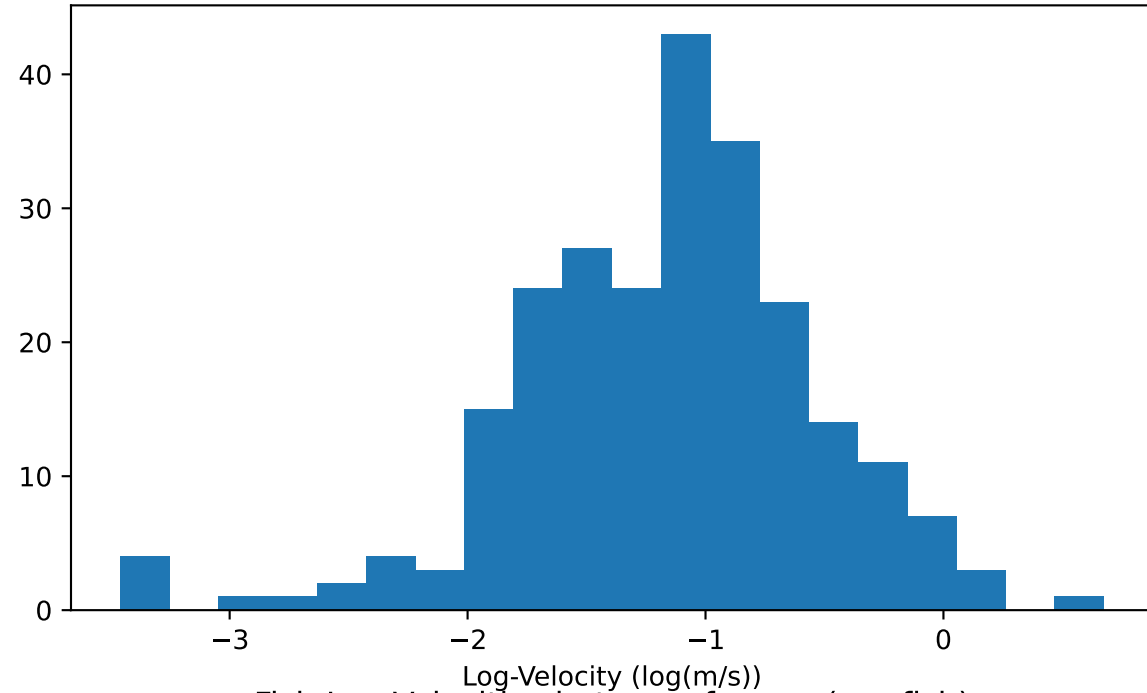
model	models/v5m_896_300best.pt
conf thresh	0.05
iou thresh	0.2
min hits	16
max age	14
use associative tracking	False
boost power	1
boost decay	1
min length	0.3
min travel	1
at decay	16

Identified Fish

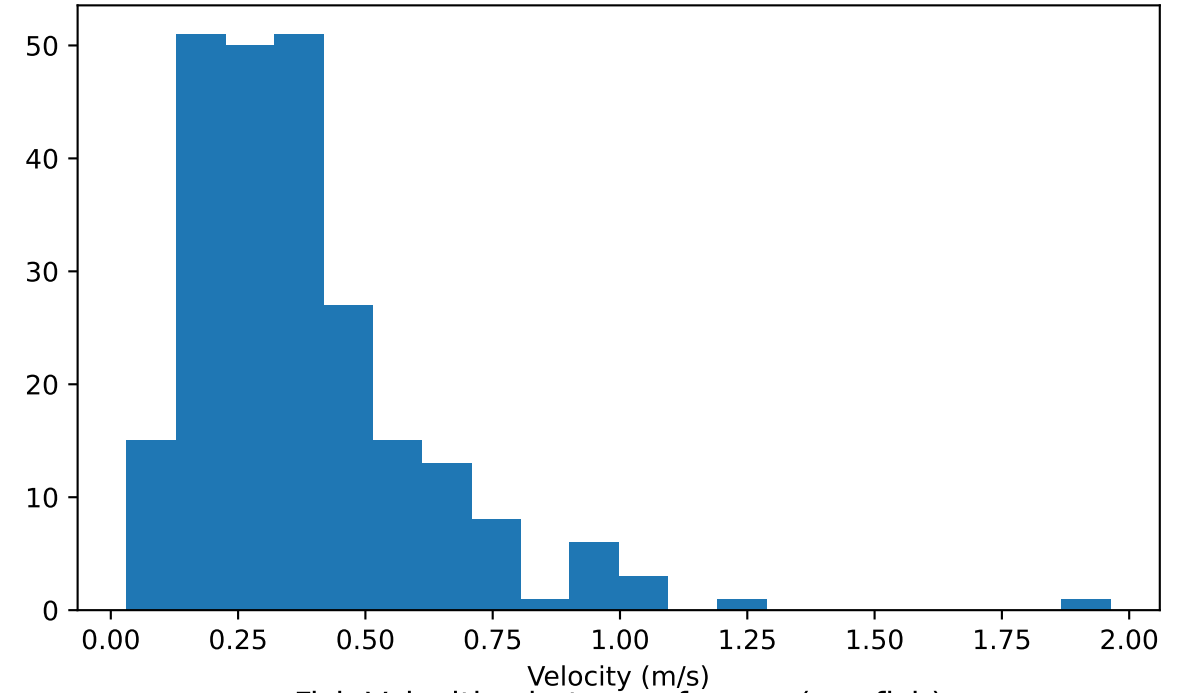
id	start frame	end frame	frame drop rate	dir	r	theta	l	travel
1	606	678	21%	Up	17.4991	-0.1757	66.0416	6.1574
2	1074	1175	45%	Up	18.1528	-0.5216	63.9011	5.5030
3	1757	1779	21%	Up	17.7792	-0.1757	67.6394	1.9807
4	1814	1861	25%	N/A	14.4405	-0.8664	76.3367	3.4344

Fish velocities

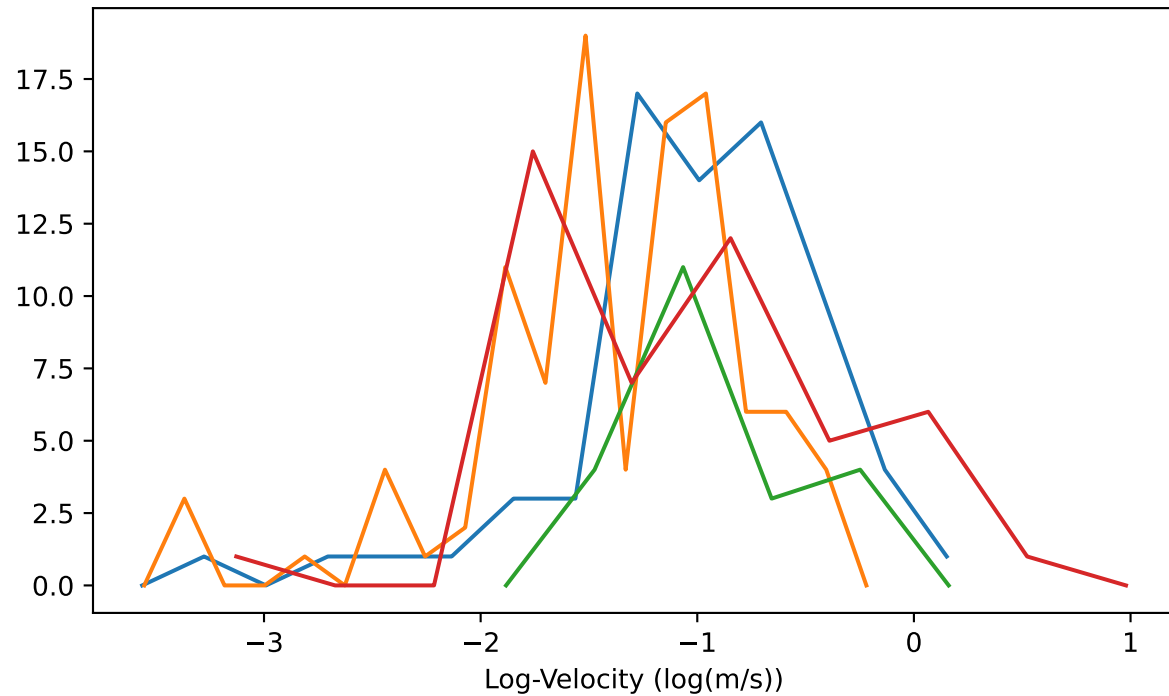
Fish Log-Velocities between frames



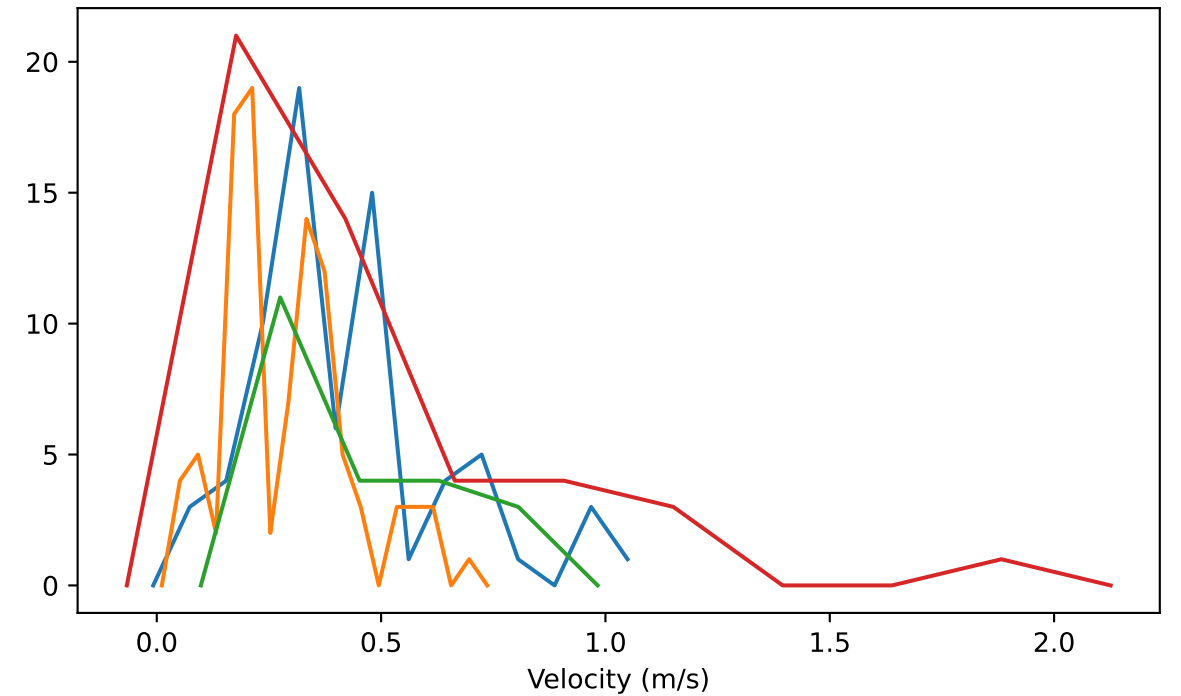
Fish Velocities between frames



Fish Log-Velocities between frames (per fish)



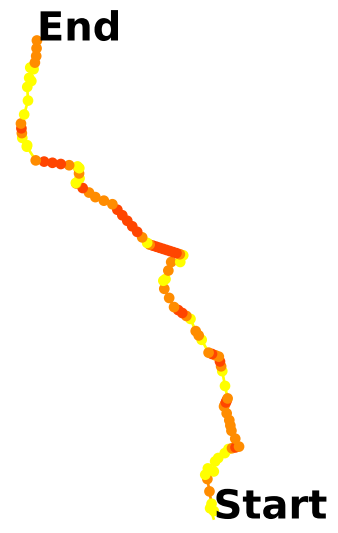
Fish Velocities between frames (per fish)



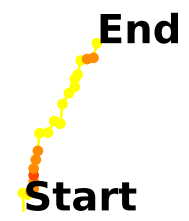
Fish 1 (frames 606-678)



Fish 2 (frames 1074-1175)



Fish 3 (frames 1757-1779)



Fish 4 (frames 1814-1861)

