Analysis – Yolo with Camera Intel RealSense

University of Luxembourg

Sean Achtatou

Distance	5 m	10 m	25 m
Picture	00290ResultFrame5m.jpg	00190ResultFrame10m.jpg	00440ResultFrame25m.jpg
(front)	00290Resulti Tullie 5111.)pg	oorgonesuntrumerom.jpg	00440110341111111023111.)pg
Results	4.823187549251379,	9.999380037197769,	24.821917808219176,
distance	4.823187549251379,	9.999380037197769,	25.4027777777775,
	4.823187549251379,	9.999380037197769,	26.20415224913495,
(for	4.823187549251379,	9.999380037197769,	26.20415224913495,
quantile	4.823187549251379,	10.244028103044496,	26.533898305084744,
from 0.1 to	4.823187549251379,	10.244028103044496,	26.801007556675064,
0.9)	5.0096982758620685,	10.412785774767146,	27.278761061946902,
	5.203865763640515,	10.738490566037735,	27.980582524271846,
	5.785059609951072	11.353260869565217	28.906896551724138
Best	Quantile(0.8)	Quantile(0.6)	Quantile(0.2)
distance	Quantino(010)	Quantino (oro)	Quantitie(0.2)
Comment			_
Comment			
Picture	00400ResultFrame5m.jpg	00330ResultFrame10m.jpg	00697ResultFrame25m.jpg
(Back)	710	710	
Results	4.850770925110132,	9.999380037197769,	24.34965034965035,
distance	4.850770925110132,	9.999380037197769,	24.34965034965035,
distance	4.850770925110132,	9.999380037197769,	25.14181818181818,
	4.850770925110132,	9.999380037197769,	25.637333333333334,
	4.850770925110132,	10.244028103044496,	25.637333333333334,
	4.850770925110132,	10.244028103044496,	26.02672605790646,
	5.010744193395481,	10.412785774767146,	26.439453125,
	5.190816847945106,	10.738490566037735,	27.328358208955223,
	5.859789750328515	11.353260869565217	27.80680061823802
Best	Quantile(0.7)	Quantile(0.6)	Quantile(0.3)
distance	Z		
Comment			
Comment			
Picture	00950ResultFrame5m.jpg	01036ResultFrame10m.jpg	01672ResultFrame25m.jpg
(Moving)	00)301(00001111000111)[F8	o rogories and rumo rom) Fg	010,2100000110002500,979
Results	4.726933185779499,	9.991269841269842,	22.796610169491526,
	4.726933185779499,	9.991269841269842,	23.452380952380953,
distance	4.726933185779499,	10.3895292987512,	23.432360932380933,
	4.726933185779499,	10.3895292987512,	25.48493975903614,
	4.726933185779499,	10.8136173449981,	26.600961538461537,
	4.955510157757349,	11.287793582533906,	27.751012145748987,
	5.194058799510004,	12.166762013729977,	29.214904679376083,
	5.711317458858141,	13.92096048024012,	30.937689969604865,
	7.244806288601909	17.906562847608452	33.22027027027
Best	Quantile(0.7)	Quantile(0.4)	Quantile(0.4)
distance	(0.7)	(5.1)	(3.1)
Comment			
Picture (On	00600ResultFrame5m.jpg	00470ResultFrame10m.jpg	01380ResultFrame25m.jpg
knee)			

Results	4.855111800439447,	9.98736059479554,	25.0,
distance	4.855111800439447,	9.98736059479554,	25.685714285714287,
	4.855111800439447,	9.98736059479554,	25.685714285714287,
	4.855111800439447,	9.98736059479554,	26.08910891089109,
	4.855111800439447,	10.21317157712305,	26.418032786885245,
	4.855111800439447,	10.405670103092785,	26.5390625,
	4.98019801980198,	10.713163972286374,	27.282051282051285,
	5.1284294664074315,	11.382822085889572,	27.646706586826344,
	6.01058201058201	12.913679590343818	28.442105263157895
Best	Quantile(0.8)	Quantile(0.5)	Quantile(0.2)
distance			
Comment			
Picture	00345ResultFrame5m.jpg	00223ResultFrame10m.jpg	00794ResultFrame25m.jpg
	00345ResultFrame5m.jpg	00223ResultFrameToni.jpg	00/94ResultFrame25m.jpg
(Side)			
Results	4.845340050377834,	9.994174757281554,	26.25423728813559,
distance	4.845340050377834,	9.994174757281554,	26.842696629213485,
	4.845340050377834,	10.500963391136802,	27.863636363636367,
	4.845340050377834,	10.500963391136802,	29.7035175879397,
	4.845340050377834,	10.876534296028881,	30.230769230769234,
	5.017293125625268,	10.876534296028881,	31.401486988847584,
	5.017293125625268,	11.344685848502643,	32.4983922829582,
	5.371181199752628,	11.677628032345014,	33.29154518950437,
	6.41	12.403696498054474	34.41343669250646
Best	Quantile(0.8)	Quantile(0.4)	Quantile(0.1)
distance			
aiotanice			
Comment			
	00735ResultFrame5m.jpg	00700ResultFrame10m.jpg	01500ResultFrame25m.jpg
Comment Picture (No	00735ResultFrame5m.jpg	00700ResultFrame10m.jpg	01500ResultFrame25m.jpg
Picture (No detection)		7.0	
Picture (No detection) Results	00735ResultFrame5m.jpg /	00700ResultFrame10m.jpg	01500ResultFrame25m.jpg
Picture (No detection) Results distance	1	1	1
Picture (No detection) Results distance Best		7.0	
Picture (No detection) Results distance	1	1	1
Picture (No detection) Results distance Best	1	1	1
Picture (No detection) Results distance Best distance	1	1	1
Picture (No detection) Results distance Best distance	1	1	1
Picture (No detection) Results distance Best distance Comment	/	/	1
Picture (No detection) Results distance Best distance Comment Picture (Star)	/ / 01035ResultFrame5m.jpg	/ / 00804ResultFrame10m.jpg	/ / 00869ResultFrame25m.jpg
Picture (No detection) Results distance Best distance Comment Picture (Star) Results	01035ResultFrame5m.jpg 4.660773149535511,	00804ResultFrame10m.jpg	00869ResultFrame25m.jpg 24.657342657342657,
Picture (No detection) Results distance Best distance Comment Picture (Star)	/ / 01035ResultFrame5m.jpg	00804ResultFrame10m.jpg 9.992366412213741, 9.992366412213741,	/ / 00869ResultFrame25m.jpg
Picture (No detection) Results distance Best distance Comment Picture (Star) Results	01035ResultFrame5m.jpg 4.660773149535511, 4.660773149535511,	00804ResultFrame10m.jpg	00869ResultFrame25m.jpg 24.657342657342657, 25.346938775510203, 25.817518248175183,
Picture (No detection) Results distance Best distance Comment Picture (Star) Results	/ 01035ResultFrame5m.jpg 4.660773149535511, 4.660773149535511, 4.660773149535511, 4.993619576640144,	00804ResultFrame10m.jpg 9.992366412213741, 9.992366412213741, 10.454750281637251, 10.729153798641136,	/ // 00869ResultFrame25m.jpg 24.657342657342657, 25.346938775510203, 25.817518248175183, 25.817518248175183,
Picture (No detection) Results distance Best distance Comment Picture (Star) Results	/ 01035ResultFrame5m.jpg 4.660773149535511, 4.660773149535511, 4.660773149535511, 4.993619576640144, 5.2422070235433385,	/ // 00804ResultFrame10m.jpg 9.992366412213741, 9.992366412213741, 10.454750281637251, 10.729153798641136, 11.026040268456377,	/ 00869ResultFrame25m.jpg 24.657342657342657, 25.346938775510203, 25.817518248175183, 25.817518248175183, 26.496441281138793,
Picture (No detection) Results distance Best distance Comment Picture (Star) Results	/ 01035ResultFrame5m.jpg 4.660773149535511, 4.660773149535511, 4.693619576640144, 5.2422070235433385, 5.5872941452265135,	/ // 00804ResultFrame10m.jpg 9.992366412213741, 9.992366412213741, 10.454750281637251, 10.729153798641136, 11.026040268456377, 11.531228551818806,	/ 00869ResultFrame25m.jpg 24.657342657342657, 25.346938775510203, 25.817518248175183, 25.817518248175183, 26.496441281138793, 26.995290423861853,
Picture (No detection) Results distance Best distance Comment Picture (Star) Results	/ 01035ResultFrame5m.jpg 4.660773149535511, 4.660773149535511, 4.660773149535511, 4.993619576640144, 5.2422070235433385, 5.5872941452265135, 6.515124062610096,	/ // 00804ResultFrame10m.jpg 9.992366412213741, 9.992366412213741, 10.44750281637251, 10.729153798641136, 11.026040268456377, 11.531228551818806, 12.422868217054262,	/ 00869ResultFrame25m.jpg 24.657342657342657, 25.346938775510203, 25.817518248175183, 25.817518248175183, 26.496441281138793, 26.995290423861853, 27.974934036939317,
Picture (No detection) Results distance Best distance Comment Picture (Star) Results	/ 01035ResultFrame5m.jpg 4.660773149535511, 4.660773149535511, 4.693619576640144, 5.2422070235433385, 5.5872941452265135, 6.515124062610096, 8.035931355023239,	/ // 00804ResultFrame10m.jpg 9.992366412213741, 9.992366412213741, 10.454750281637251, 10.729153798641136, 11.026040268456377, 11.531228551818806, 12.422868217054262, 13.399583043780403,	/ 00869ResultFrame25m.jpg 24.657342657342657, 25.346938775510203, 25.817518248175183, 25.817518248175183, 26.496441281138793, 26.995290423861853, 27.974934036939317, 28.62469733656174,
Picture (No detection) Results distance Best distance Comment Picture (Star) Results distance	/ 01035ResultFrame5m.jpg 4.660773149535511, 4.660773149535511, 4.660773149535511, 4.993619576640144, 5.2422070235433385, 5.5872941452265135, 6.515124062610096, 8.035931355023239, 10.446815261362735	/ // 00804ResultFrame10m.jpg 9.992366412213741, 9.992366412213741, 10.454750281637251, 10.729153798641136, 11.026040268456377, 11.531228551818806, 12.422868217054262, 13.399583043780403, 15.17983609092315	/ 00869ResultFrame25m.jpg 24.657342657342657, 25.346938775510203, 25.817518248175183, 26.496441281138793, 26.995290423861853, 27.974934036939317, 28.62469733656174, 29.894962486602356
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Picture (No detection) Results distance Best distance Comment Picture (Star) Results distance	/ 01035ResultFrame5m.jpg 4.660773149535511, 4.660773149535511, 4.660773149535511, 4.993619576640144, 5.2422070235433385, 5.5872941452265135, 6.515124062610096, 8.035931355023239, 10.446815261362735	/ // 00804ResultFrame10m.jpg 9.992366412213741, 9.992366412213741, 10.454750281637251, 10.729153798641136, 11.026040268456377, 11.531228551818806, 12.422868217054262, 13.399583043780403, 15.17983609092315	/ 00869ResultFrame25m.jpg 24.657342657342657, 25.346938775510203, 25.817518248175183, 26.496441281138793, 26.995290423861853, 27.974934036939317, 28.62469733656174, 29.894962486602356
Picture (No detection) Results distance Best distance Comment Picture (Star) Results distance	/ 01035ResultFrame5m.jpg 4.660773149535511, 4.660773149535511, 4.660773149535511, 4.993619576640144, 5.2422070235433385, 5.5872941452265135, 6.515124062610096, 8.035931355023239, 10.446815261362735	/ // 00804ResultFrame10m.jpg 9.992366412213741, 9.992366412213741, 10.454750281637251, 10.729153798641136, 11.026040268456377, 11.531228551818806, 12.422868217054262, 13.399583043780403, 15.17983609092315	/ 00869ResultFrame25m.jpg 24.657342657342657, 25.346938775510203, 25.817518248175183, 26.496441281138793, 26.995290423861853, 27.974934036939317, 28.62469733656174, 29.894962486602356
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