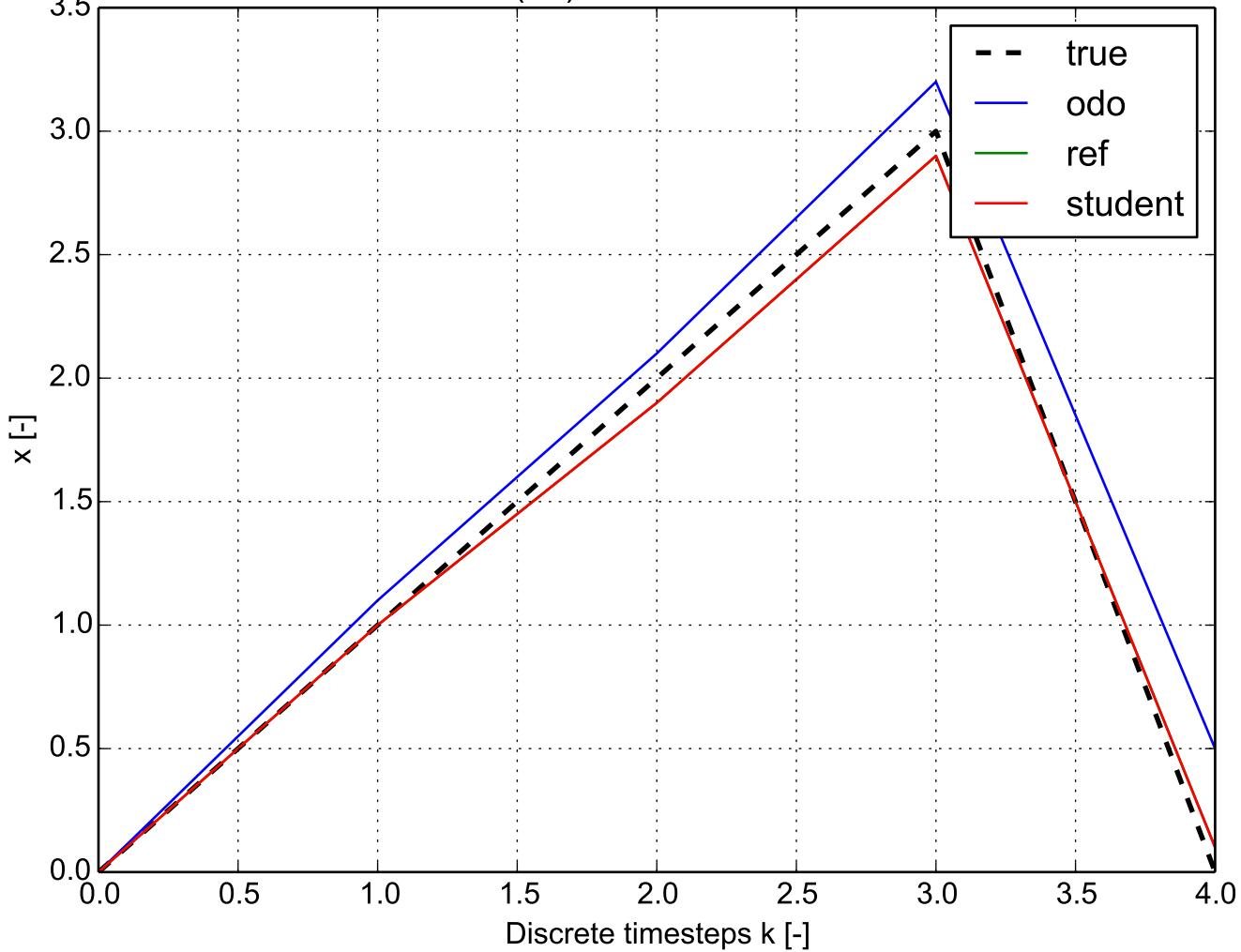
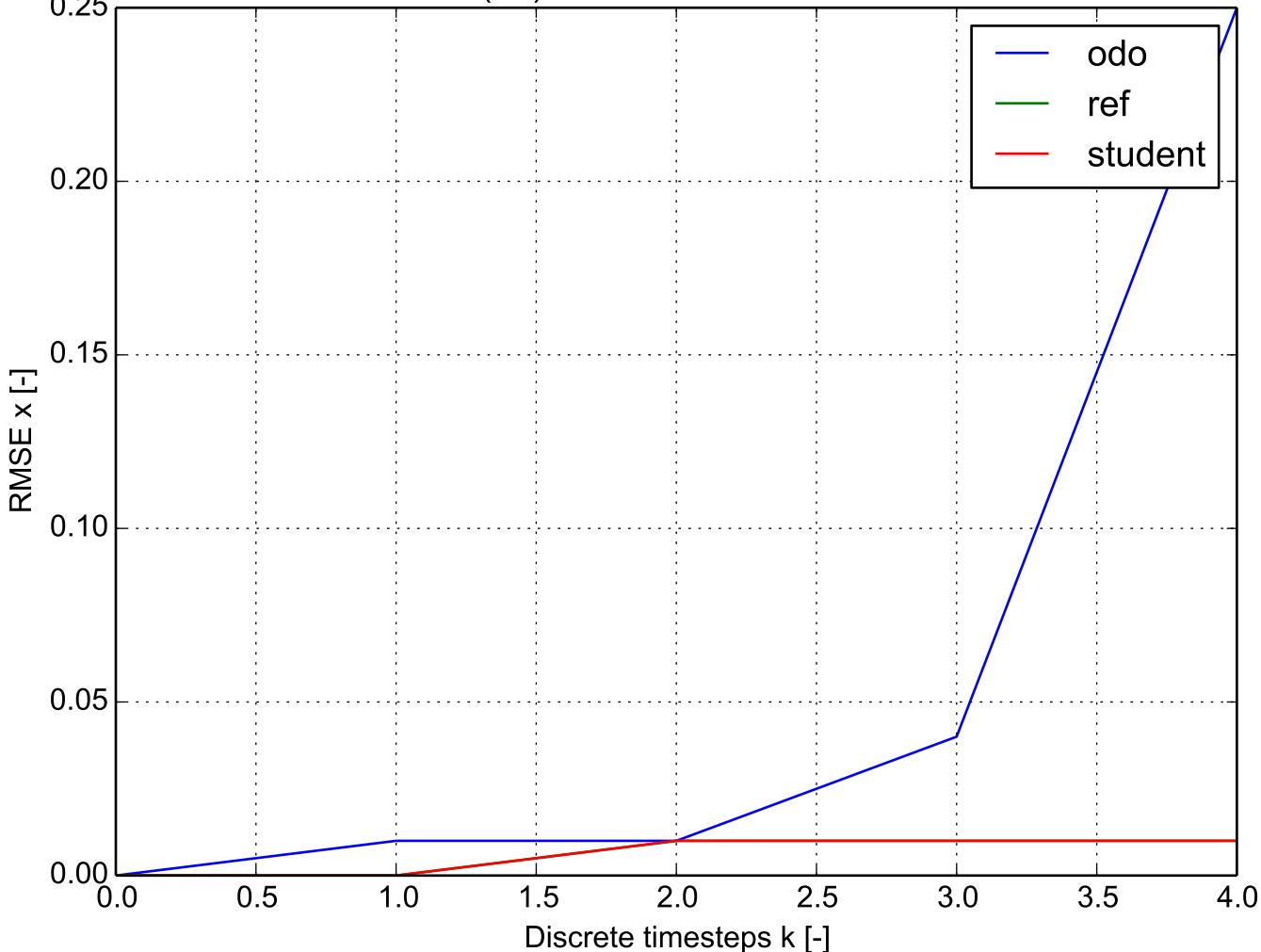


(I.1): Translation x



(I.1): RMSE translation x



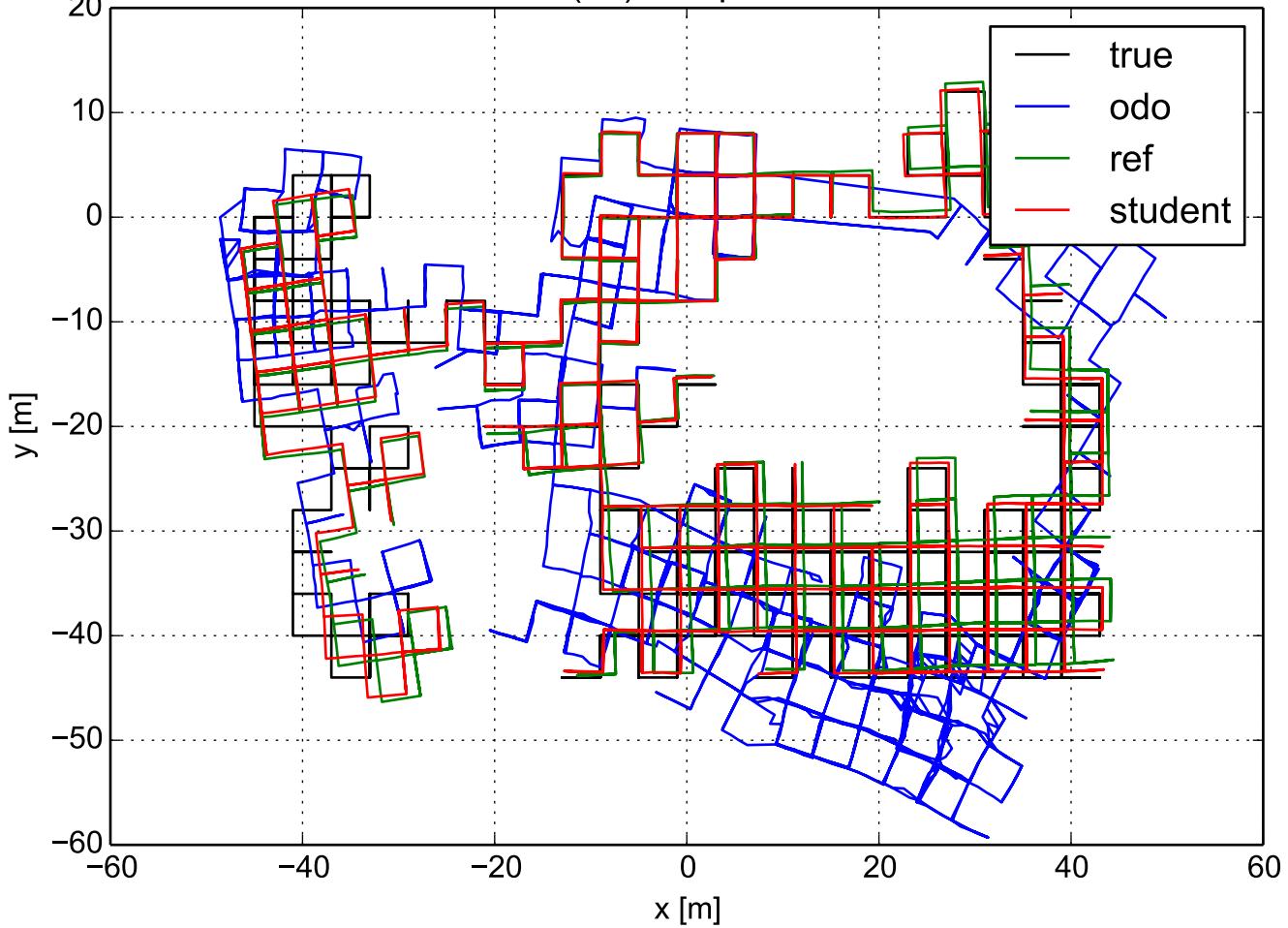
(I.1): RMSE translation error

Odometry (low baseline)	Optimizer ref (high baseline)	Student
0.24899799196	0.0774596669241	0.0774596669241

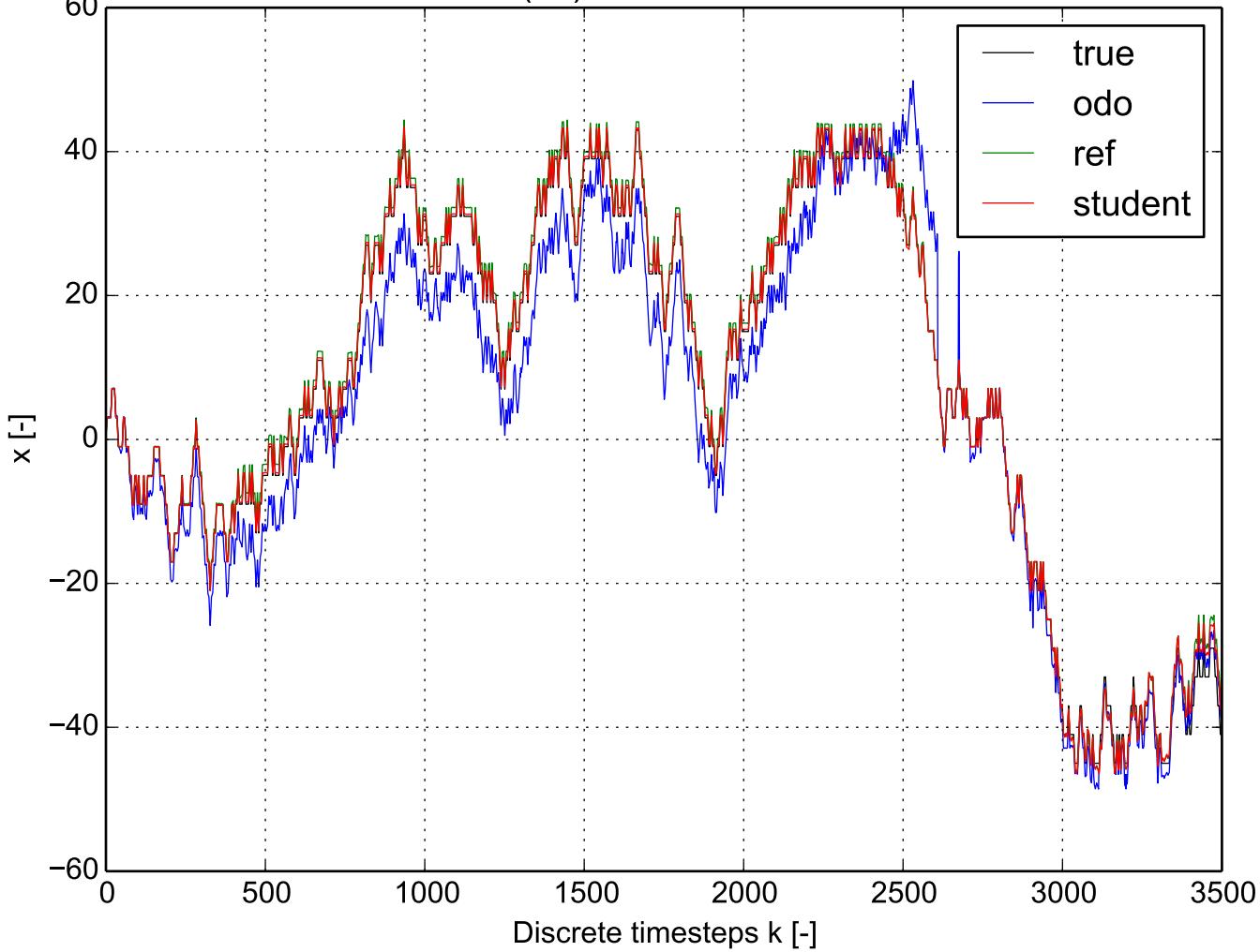
Total RMSE (student): 0.0774596669241

Total score (student): 100.0

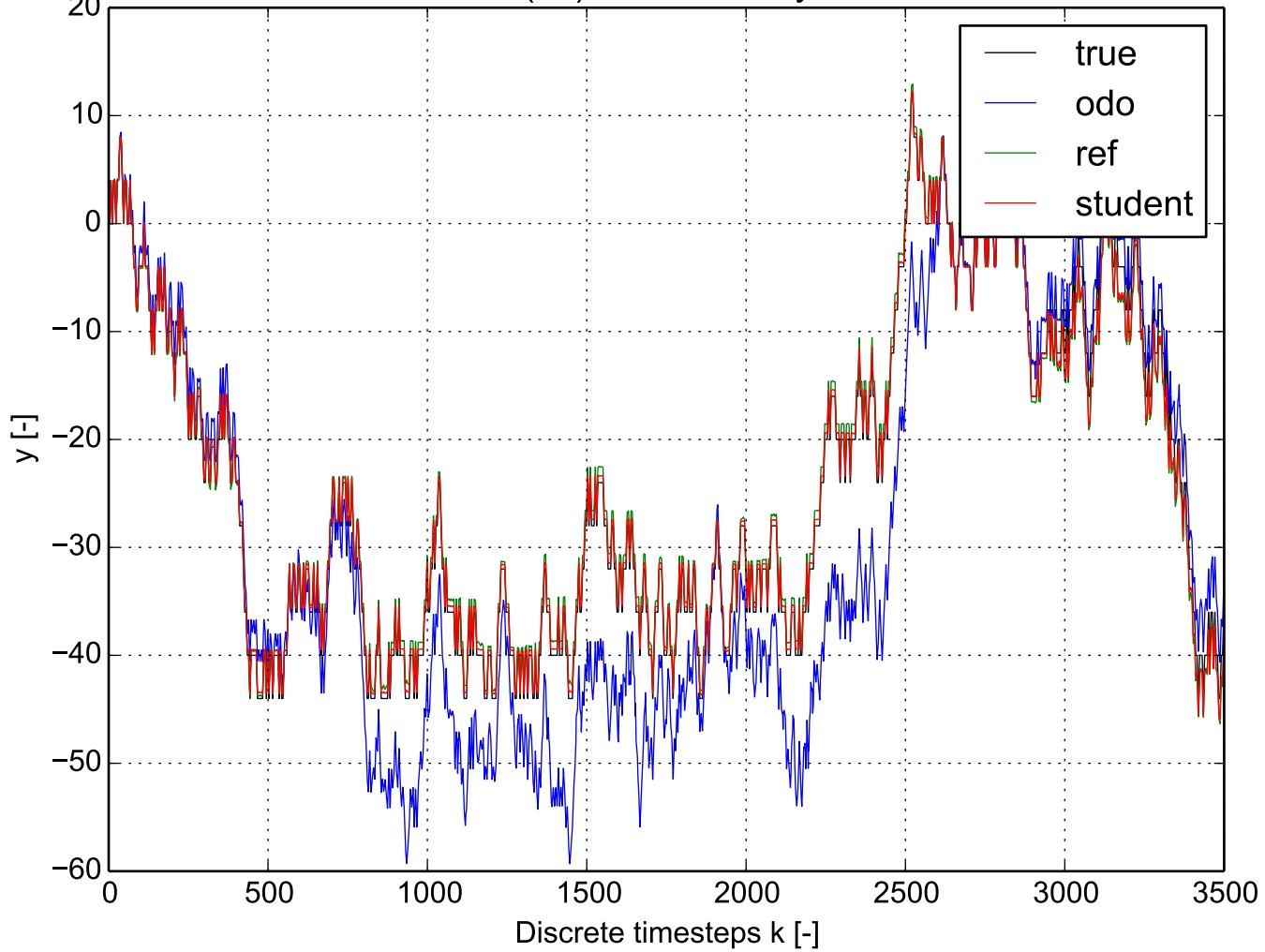
(I.2): XY-plane



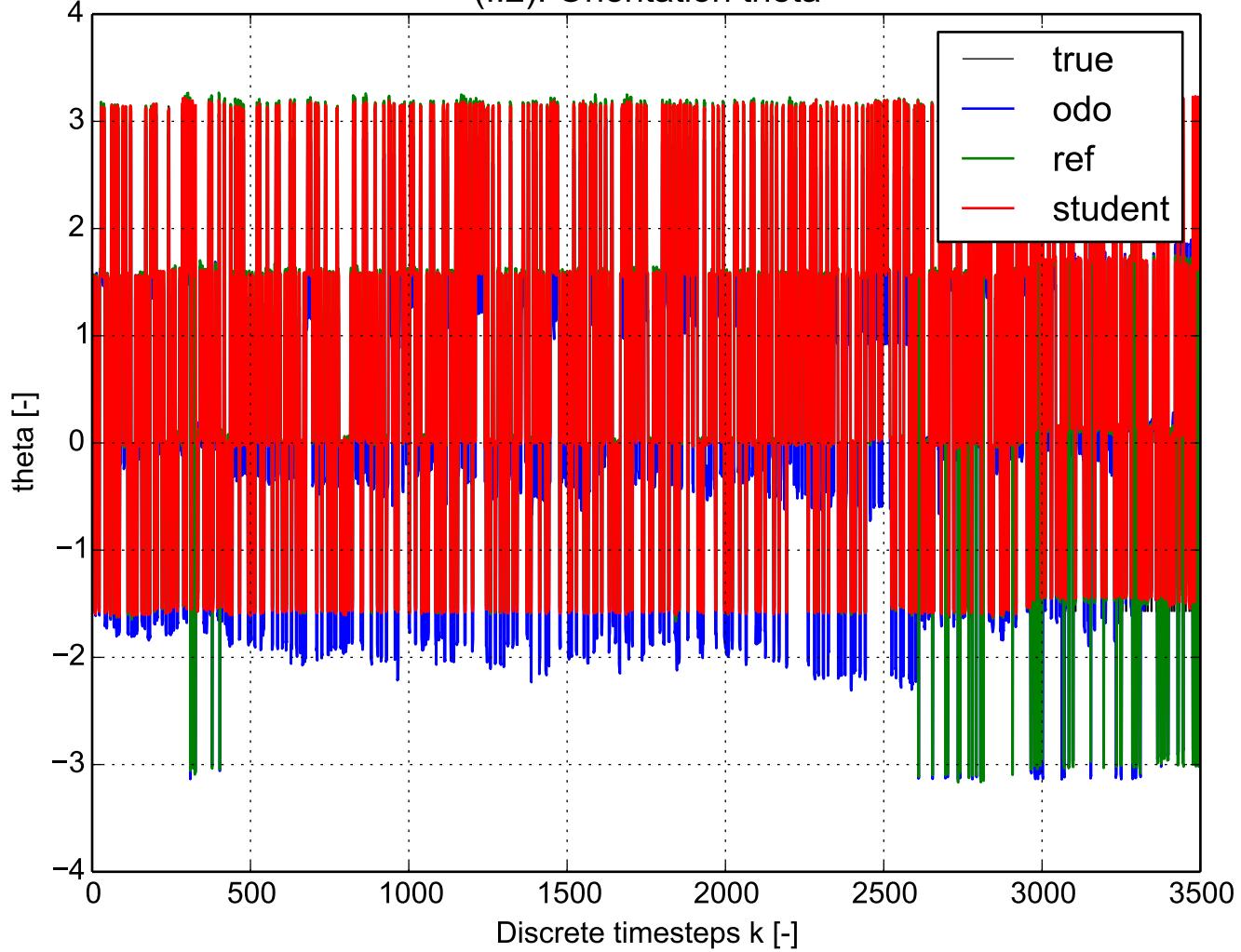
(I.2): Translation x



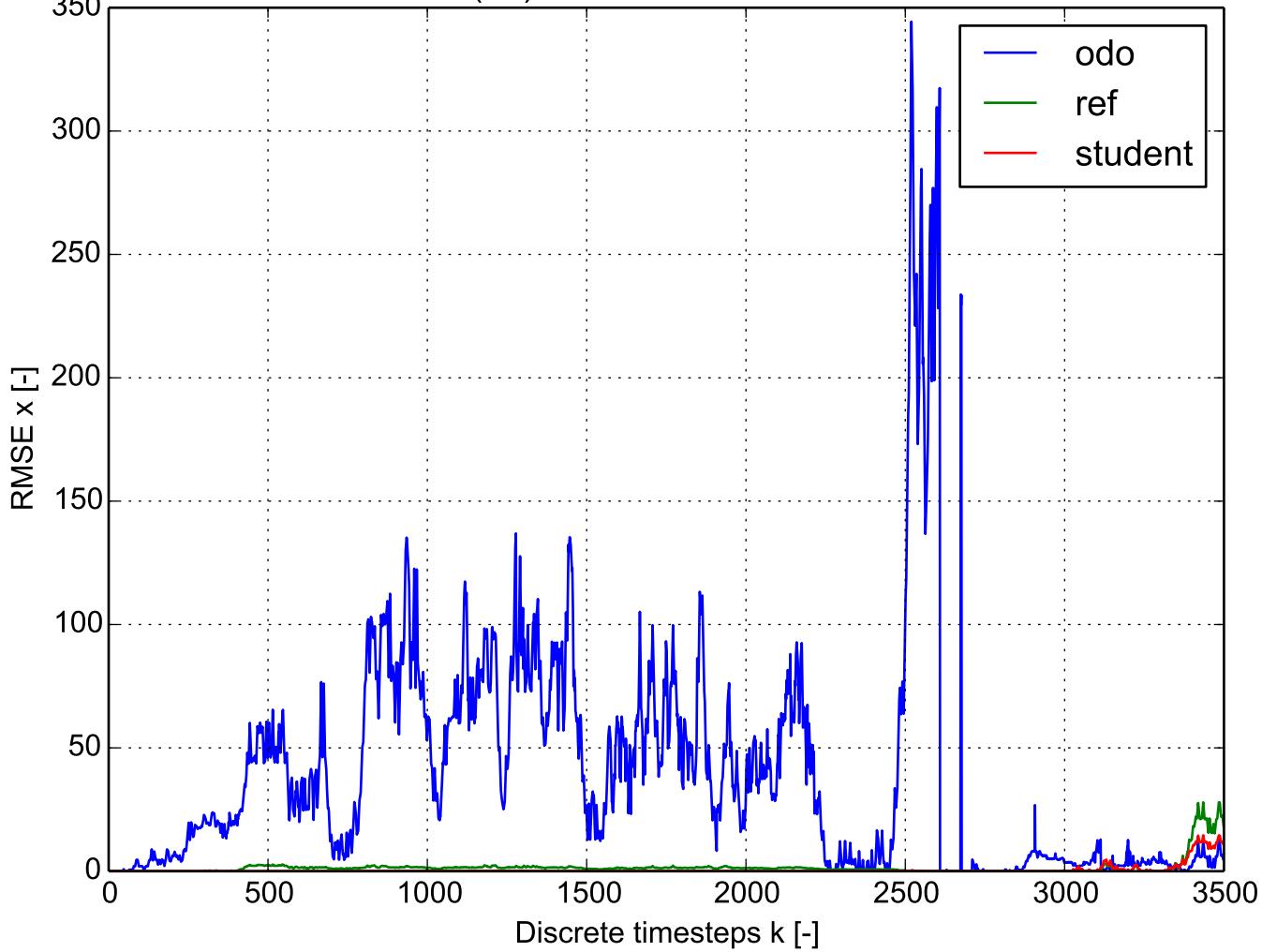
(I.2): Translation y



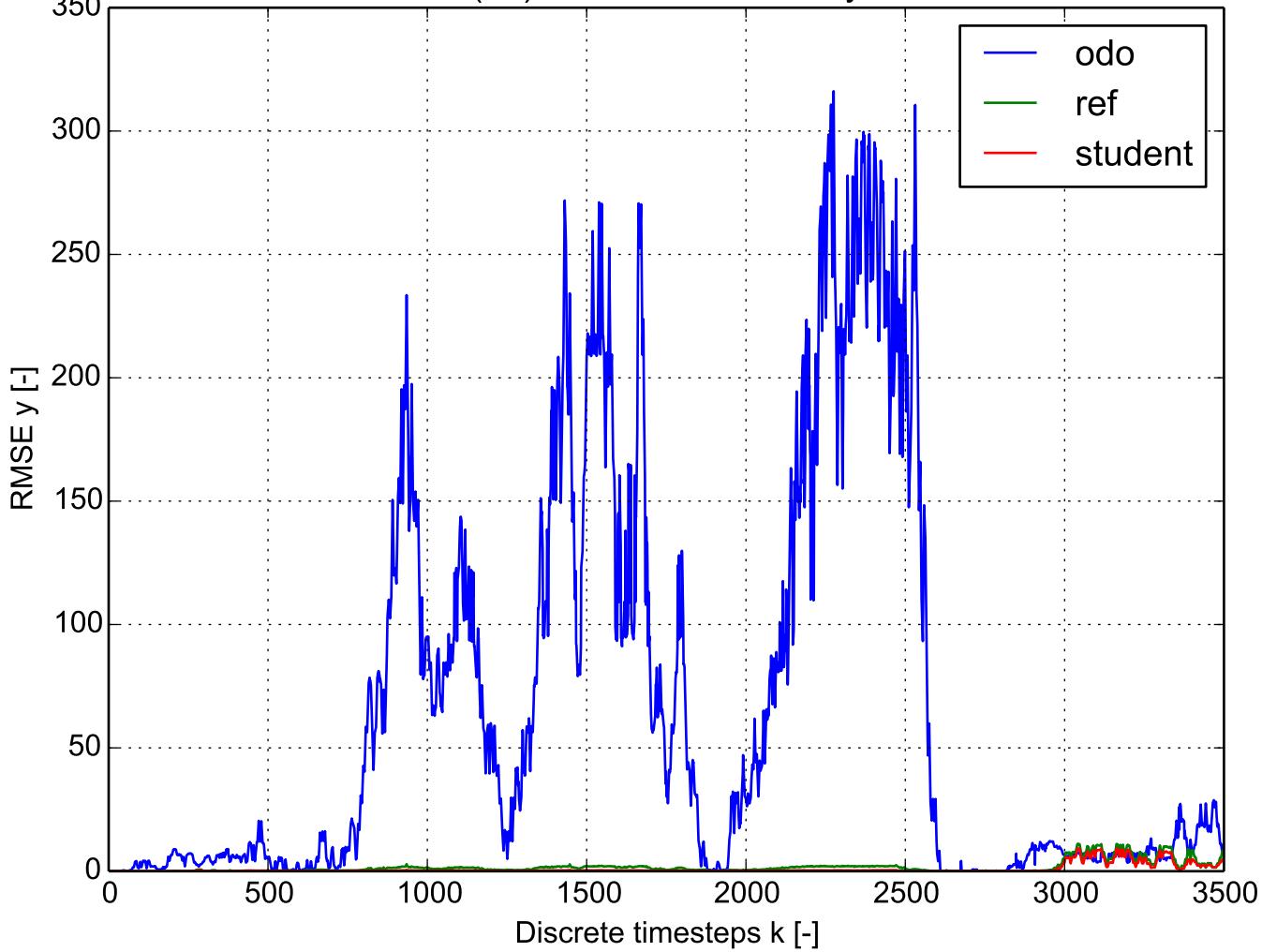
(I.2): Orientation theta



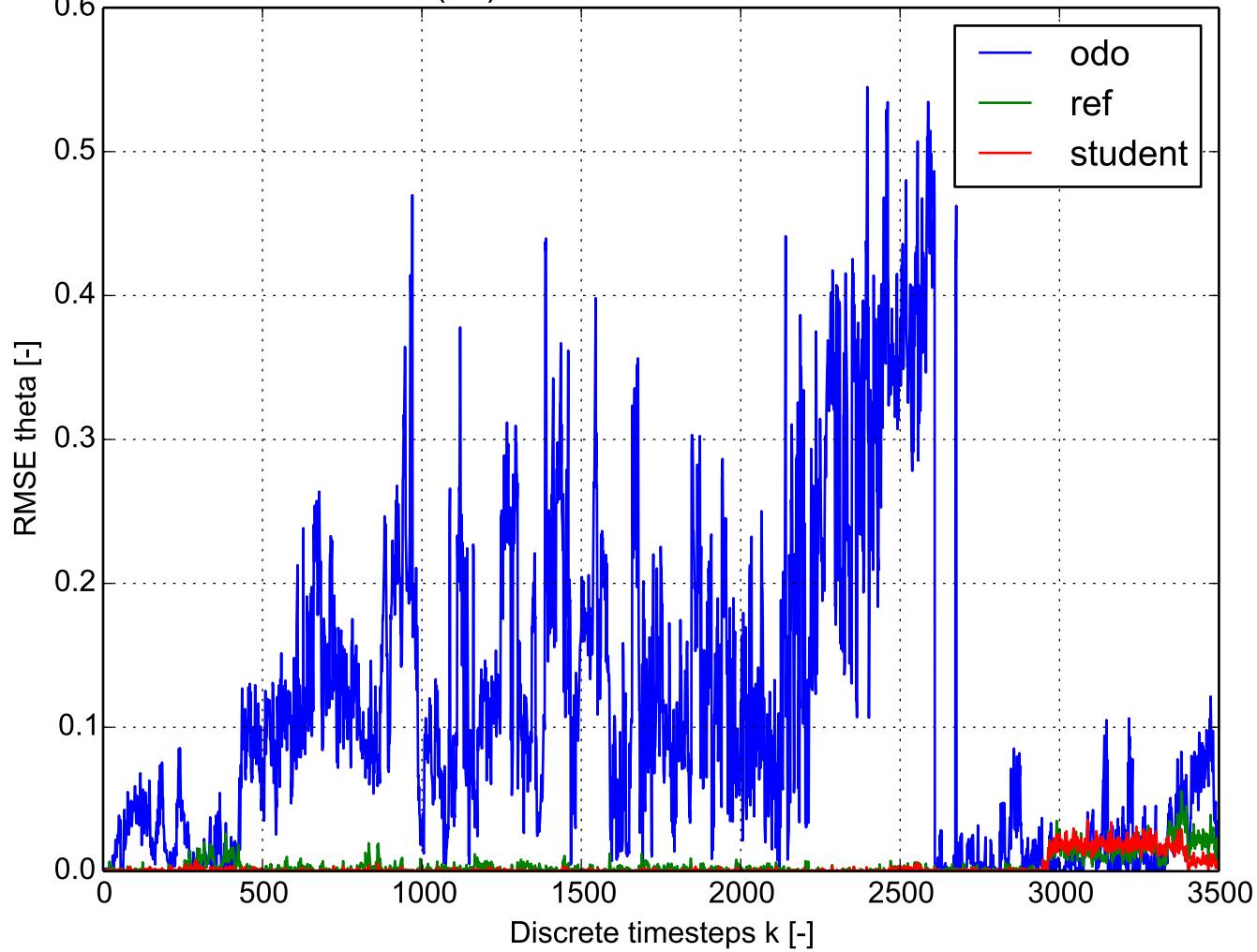
(I.2): RMSE translation x



(I.2): RMSE translation y



(I.2): RMSE orientation theta



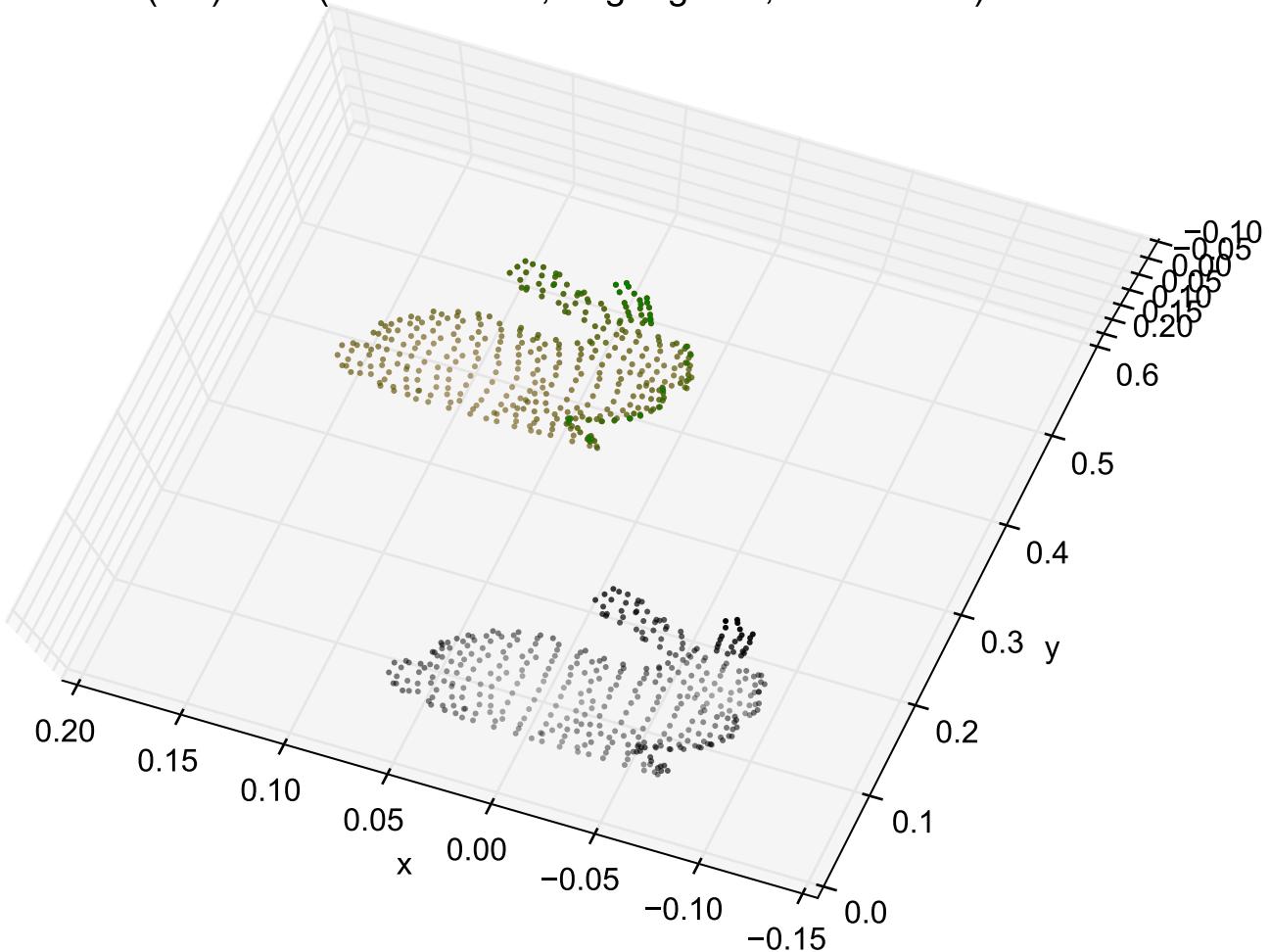
(I.2): Total RMSE error (x, y, theta)

	Odo. (low baseline)	Opt. ref. (high baseline)	Student
RMSE x	6.288519178	1.257896397	0.736818440
RMSE y	8.086477274	1.282997200	0.920755972
RMSE theta	0.334745726	0.064231782	0.053835657

Total RMSE (student): 0.736818439703, 0.92075597157, 0.053835656612

Total score (student): 100.0

(II.1): ICP (source:black, target:green, student:red)



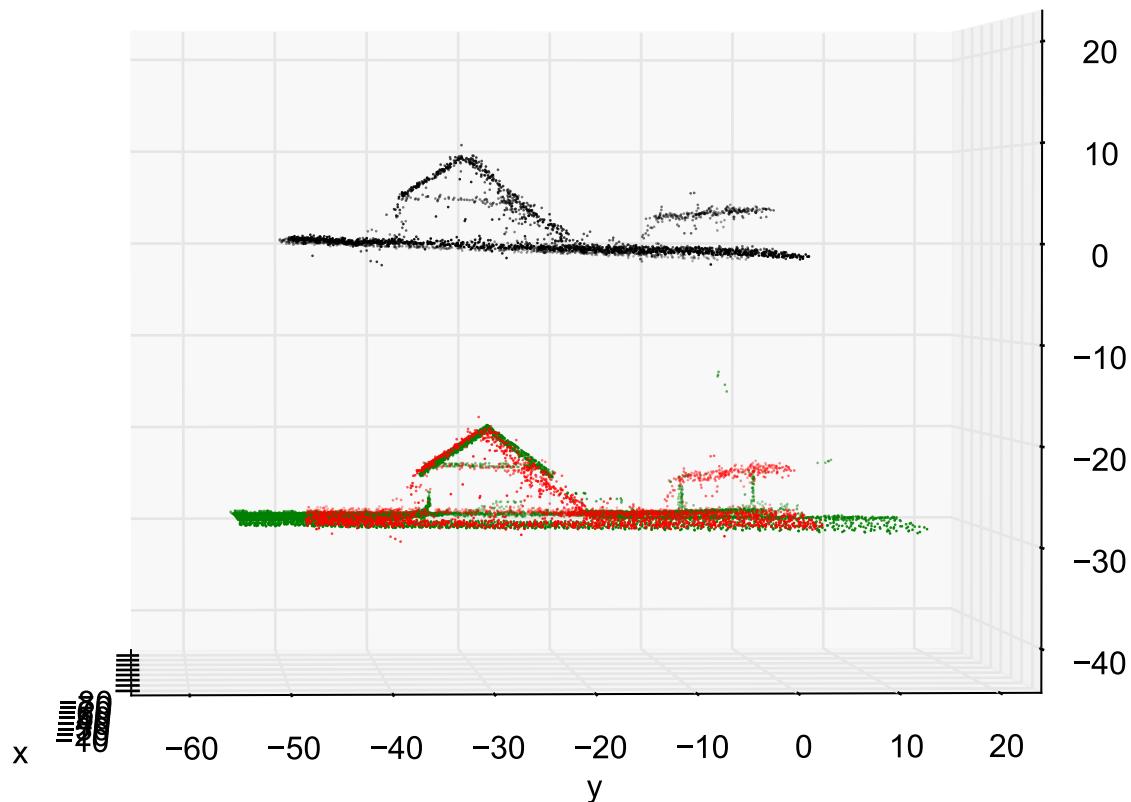
(II.1): Transformation error (translation, rotation)

Delta tx	Delta ty	Delta tz	Delta rx	Delta ry	Delta rz
-8.4550764487e-08	3.20966127454e-06	-1.60550187774e-06	2.50867836676e-05	-4.44593713638e-06	-1.2476650292e-05

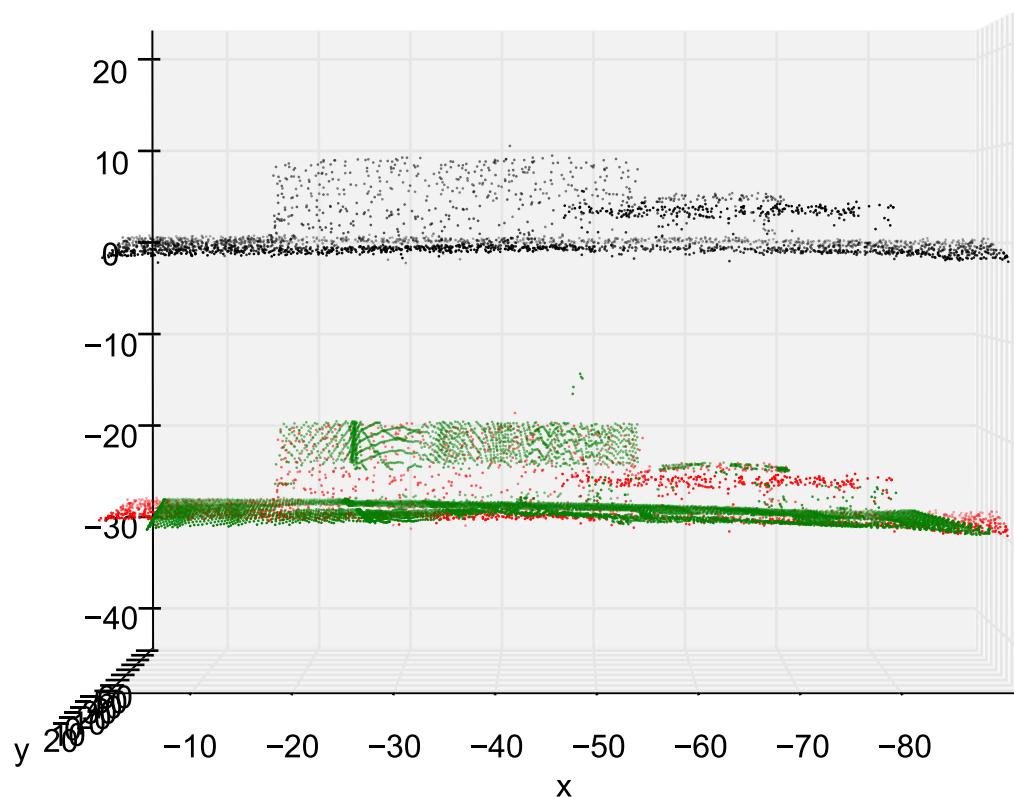
Total transformation error (student): 0.000287276230961

Total score (student): 99.9888237317

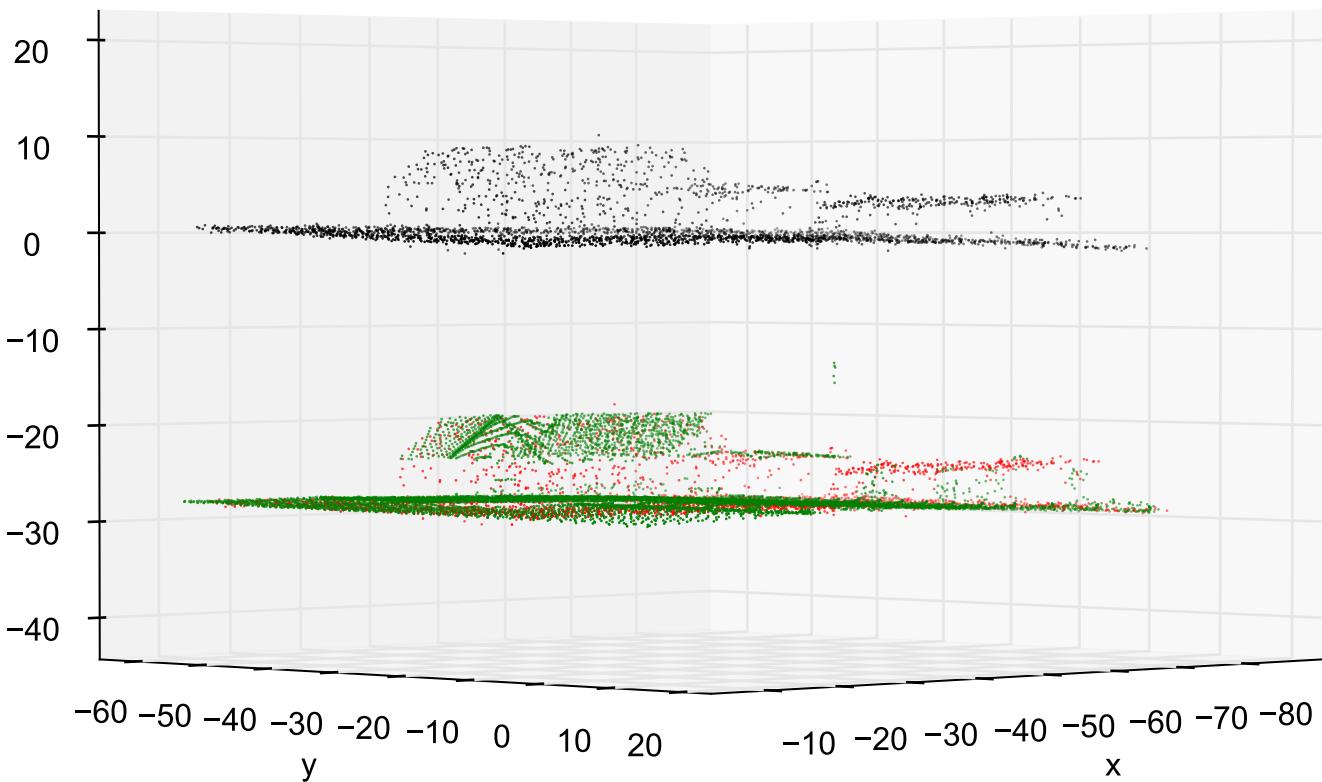
(II.2): Vision-Laser (source:black, target:green, student:red)



(II.2): Vision-Laser (source:black, target:green, student:red)



(II.2): Vision-Laser (source:black, target:green, student:red)



(II.2): Transformation error (translation, rotation)

Delta tx	Delta ty	Delta tz	Delta rx	Delta ry	Delta rz
0.0995169037037	-0.202274915842	0.0313255085241	0.000463655251549	-0.000311038061854	-0.00122001295055

Total transformation error (student): 0.241013204476

Total score (student): 100.0

Final score of individual assignments in percentage.

	I.1	I.2	II.1	II.2
%	100.0000000000	100.0000000000	99.988823732	100.0000000000