			linear	quadratic	sqrt
train		2345	0.02365713137	0.02151325093	0.02149876521
train		1345	0.03624369075	0.02635681397	0.02636474403
train		1245	0.04851903011	0.03527773847	0.03528143604
train		1235	0.03611808178	0.02588438921	0.02587150097
train		1234	0.04336755581	0.03485794072	0.03489787073
train	average		0.03758109797	0.02877802666	0.0287828634
test		1	0.2005336711	0.06044556679	0.0597858374
test		2	0.0664690654	0.04248809971	0.0424060007
test		3	0.009800339947	0.004102462652	0.004047687853
test		4	0.06226895615	0.04425959922	0.04430488213
test		5	0.06918372757	0.01633516616	0.01525407559
test	average		0.08165115203	0.03352617891	0.03315969673
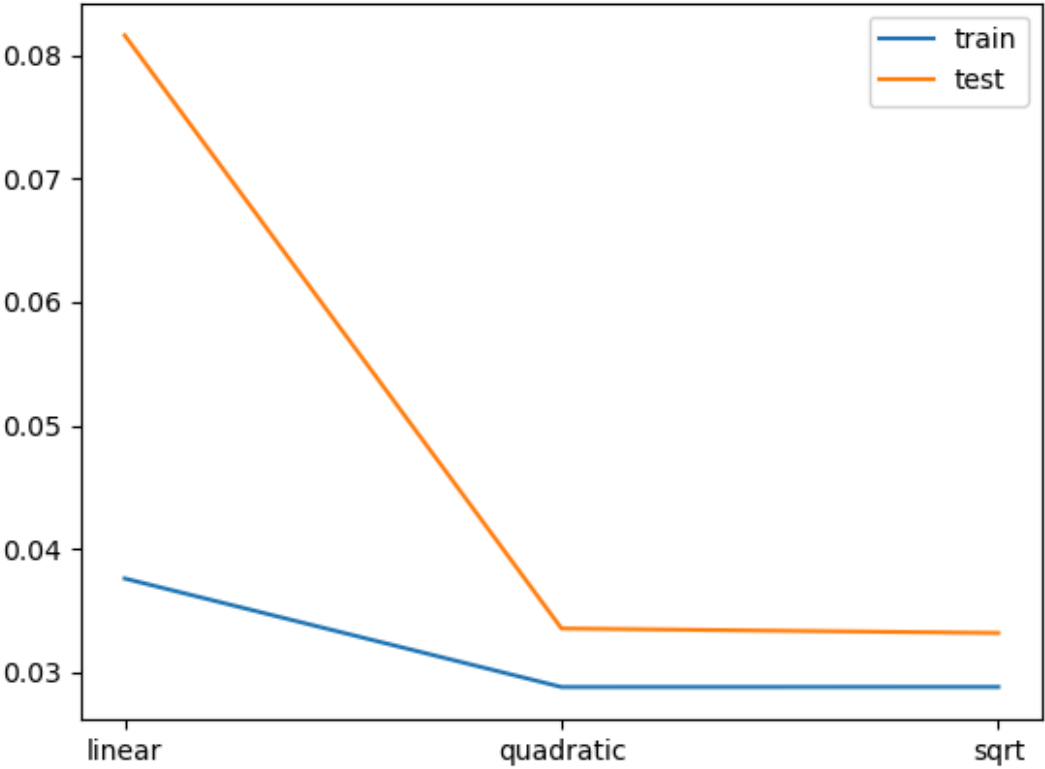
mse: 0.029139293512740985
2367.299385482273 1.1644757731346644 -104.77016426573157