

CMPUT 466 Coding Assignment 1

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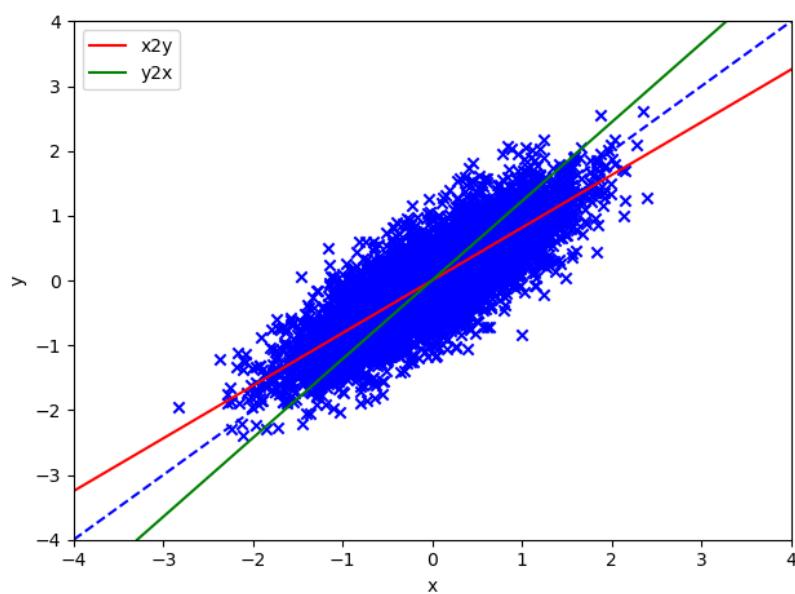
Problem 1

1

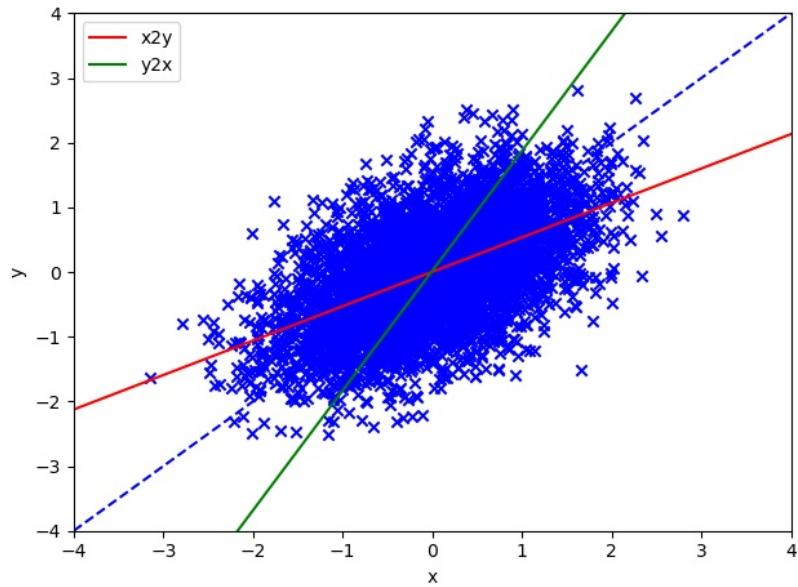
```
Predicting y from x (x2y): weight=0.5322707668582495 bias = 0.004946528434201664
Predicting x from y (y2x): weight=0.5399327509871074 bias = -0.011120077093374365
```

2

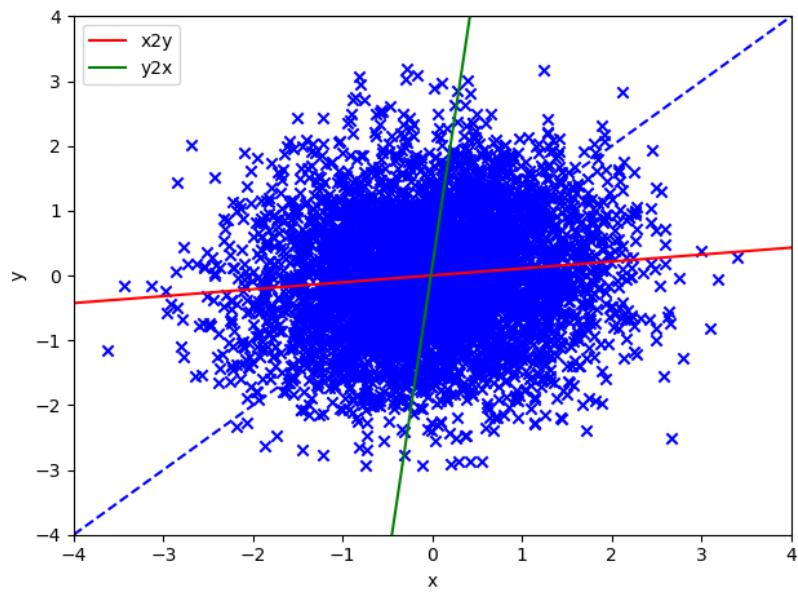
var2=0.1



var2 = 0.3



var2 = 0.8



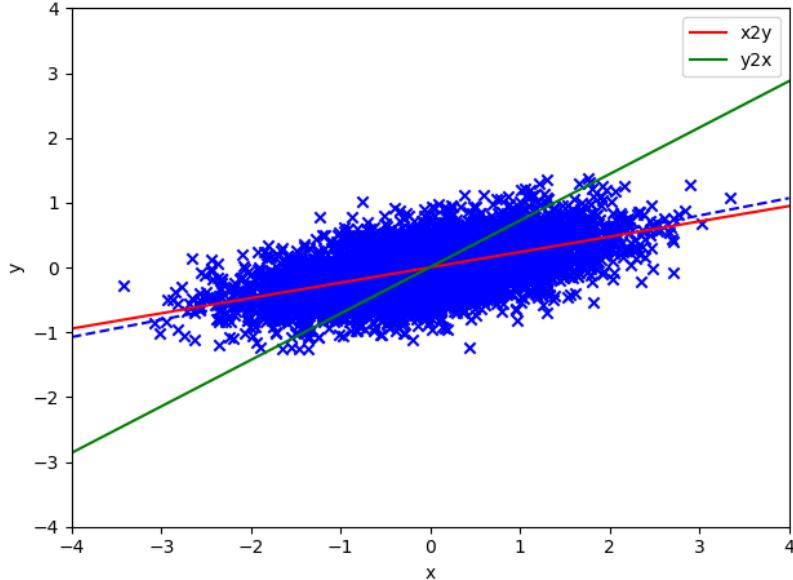
3

- in 1) we implemented feature augmentation; each data sample was concatenated with a dummy feature 1
 - a bias was added so that the model would be affine. i.e. lines and parallelism are preserved (but not necessarily distances and angles)
- in 2) we experimented with changing the variance on the b axis
 - it looks like when the variance is lower, the model can fit the data better, i.e. with lower variance, the $x2y$ and $y2x$ lines get closer to each other and the true regression line
 - with higher variance, the $x2y$ and $y2x$ lines get further away from the true regression lines and they don't fit the data as well

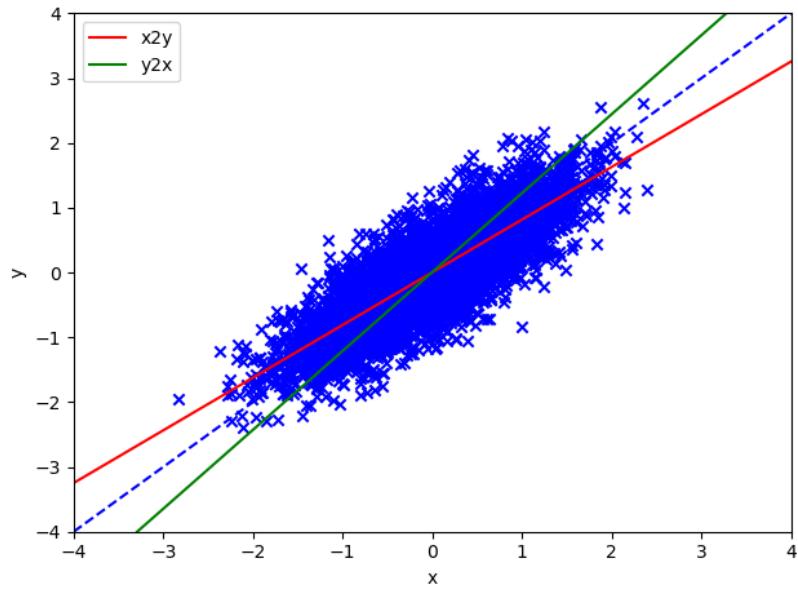
4

An experiment was designed to see the effects of changing the degree of rotation. Plots were created with degree ranging from 1 to 89. Below are three of the plots, at 15, 45, and 75 degrees of rotation. It was predicted that changing the degree of rotation would likely improve the $x2y$ model or the $y2x$ model depending on the degree of rotation.

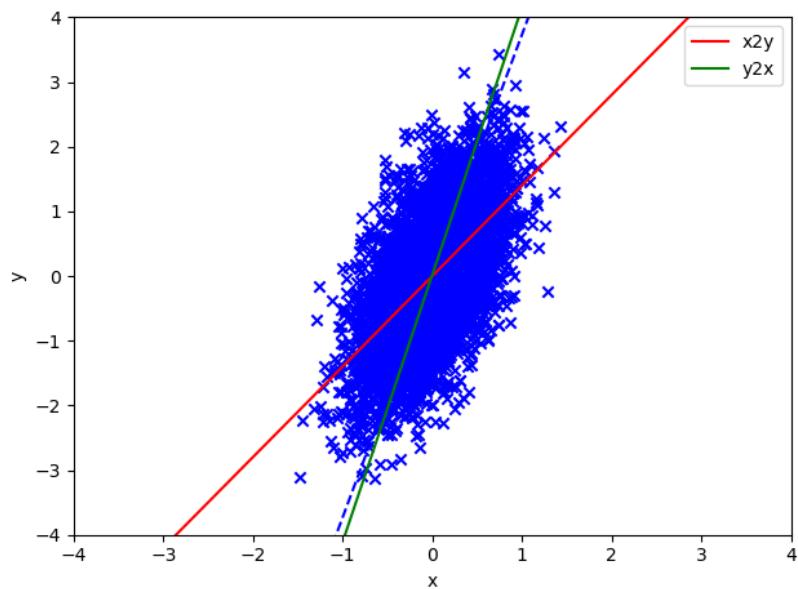
degree=15



degree=45



degree=75



Conclusion

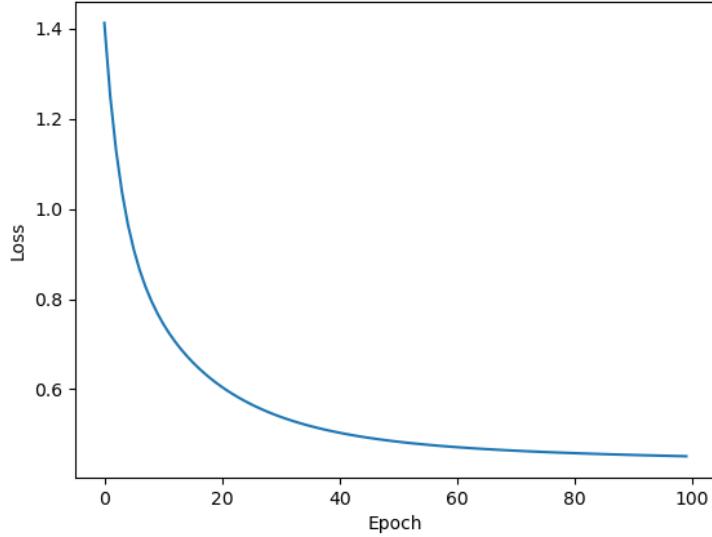
From the experiment, it looks like a higher degree of rotation made the y2x prediction more accurate, while a lower degree of rotation made the x2y prediction better.

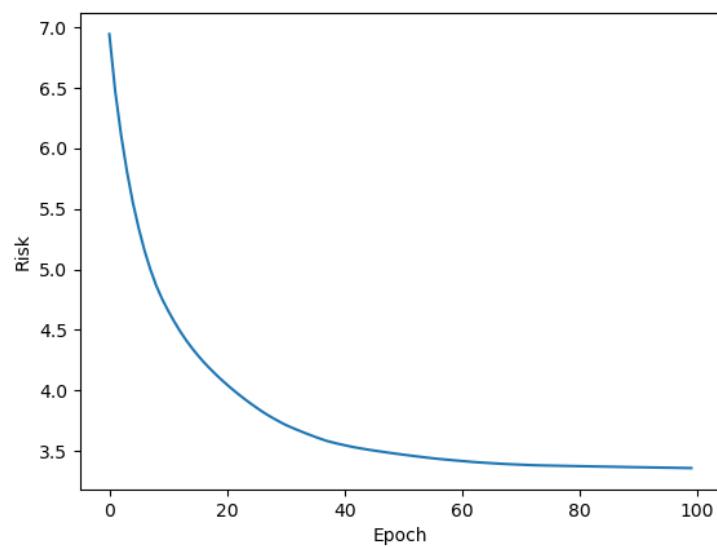
- Around 45 degrees, the x2y and y2x lines are the closest to each other, but also equally far from the true regression line.
- With a higher degree of rotation, the y-axis has higher variance and the x-axis has lower variance. As a result, the y2x line is really close to the true regression line and the x2y line does not fit the data well.
- With a lower degree of rotation, the x-axis has higher variance and the y-axis has lower variance. As a result, the x2y line is really close to the true regression line and the y2x line does not fit the data well.

Problem 2

a)

1. Best epoch: 99
2. Validation performance: 3.35808168628883
3. Test performance: 3.2370463070784017

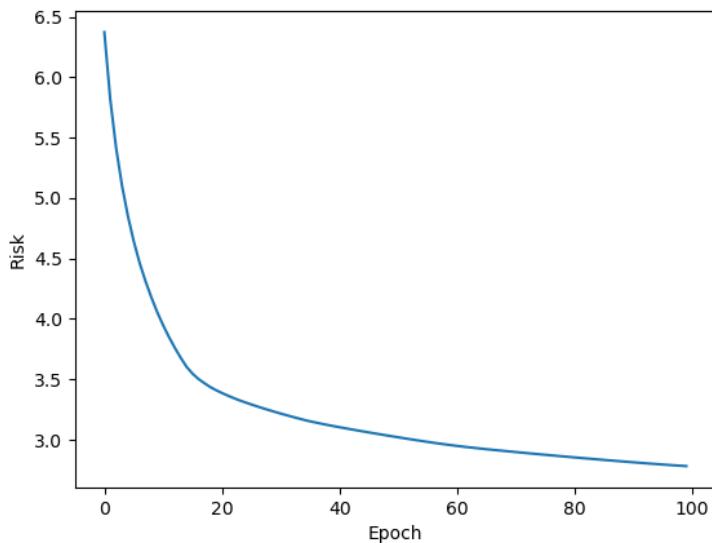
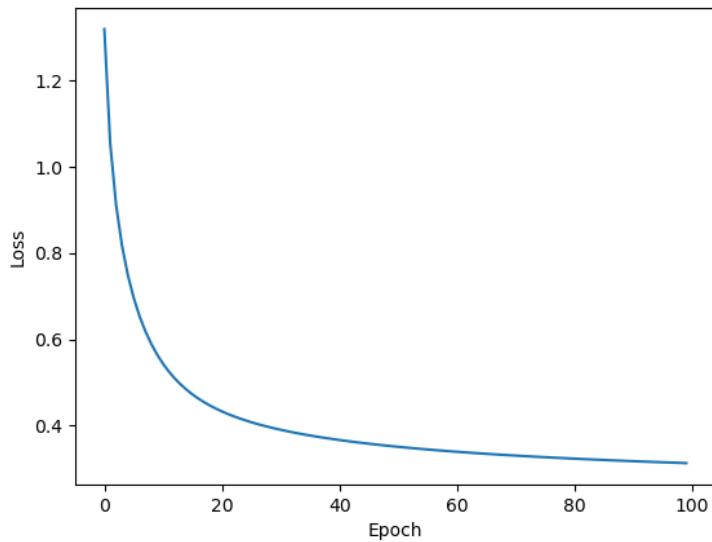




b)

best hyperparameter: 0.01

1. Best epoch: 99
2. Validation performance: 2.781912727526617
3. Test performance: 2.7724722186569672



c)

Experiment

An experiment was designed to investigate the effects of varying the step size with the extended point-wise quadratic features model from part b) above.

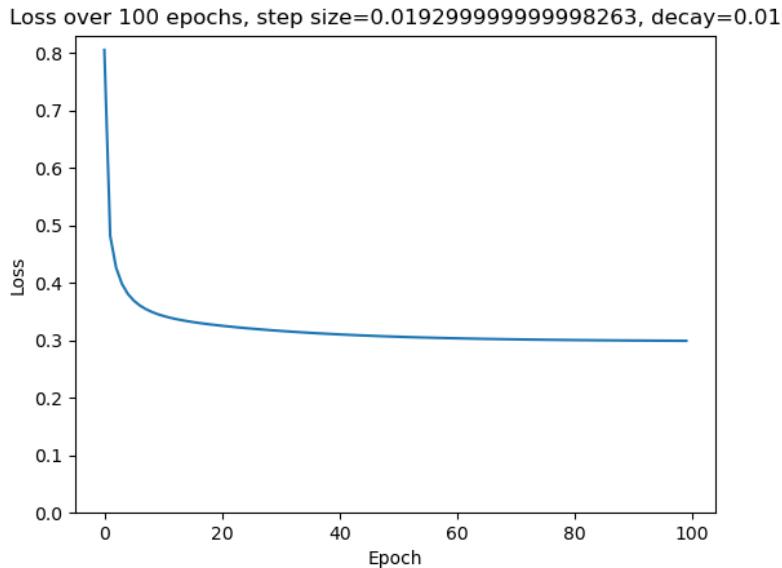
It was predicted that maybe a slightly higher step size might reduce the loss achieved after 100 iterations (or `MaxIter` iterations), while too high of a step size might actually increase the training loss and risk due to missing the minimum by taking too large of a step. Additionally, too small of a step size might make it so that it takes more iterations to reach the minimum. i.e. after `MaxIter` iterations, the loss would be higher than with a larger step size. It is also possible that changing the step size might change the best decay hyperparameter.

The model from b) was tested with a step size starting from 0.08 and ending at 0.0001 (exclusive). The step size decreased by about 0.0001 each time, using numpy's `arange` function. Specifically, `np.arange(0.0800, 0.0001, -0.0001)`. Due to floating point arithmetic, the step sizes did not change by exactly 0.0001 in each iteration of the experiment; however, we still get to see the overall trends as the step size changes. The set of possible hyperparameters was left unchanged, because the experiment is mainly focused on the effect of changing the step size.

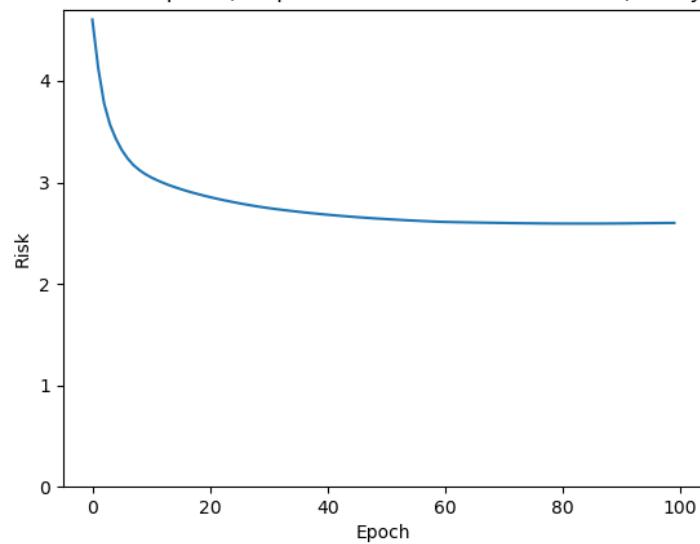
Results

The appendix at the bottom of this report has all of the data and plots generated from changing the step size. Below are a few interesting plots selected from the results.

Here is the result with the best validation risk

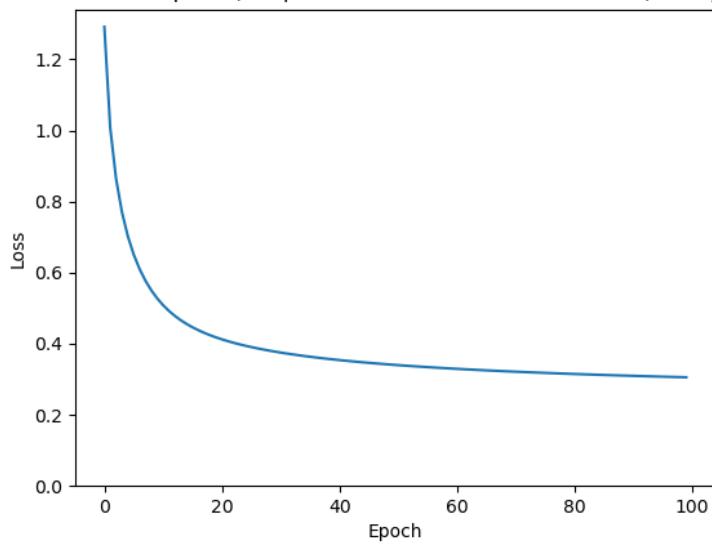


Risk over 100 epochs, step size=0.0192999999998263, decay=0.01

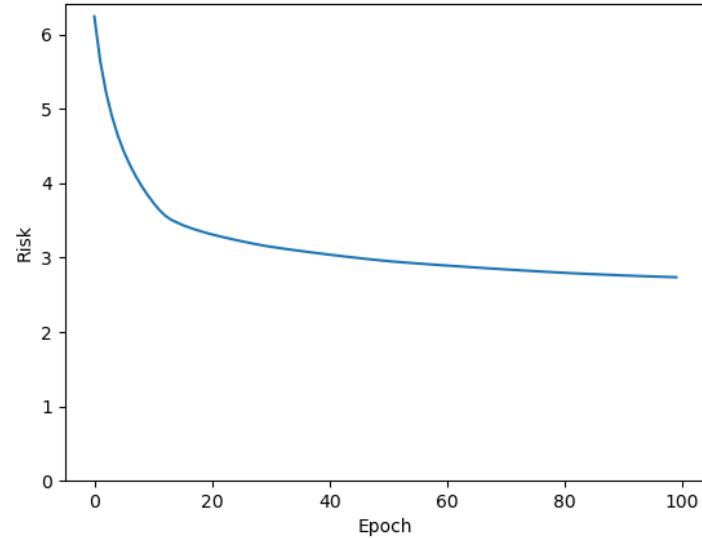


Here is the result with the best test risk

Loss over 100 epochs, step size=0.00119999999977445, decay=0.01

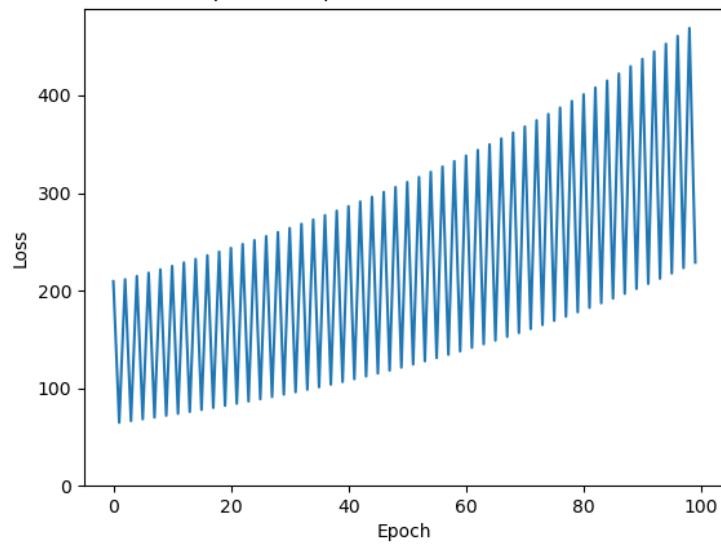


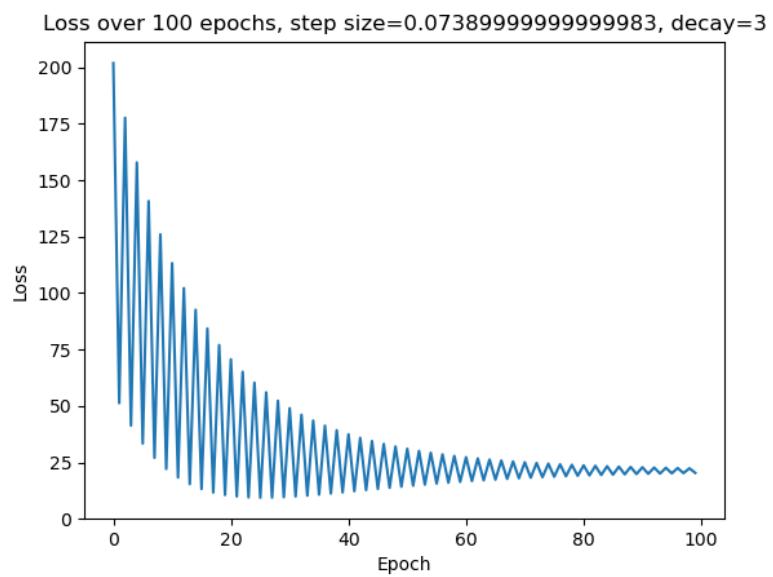
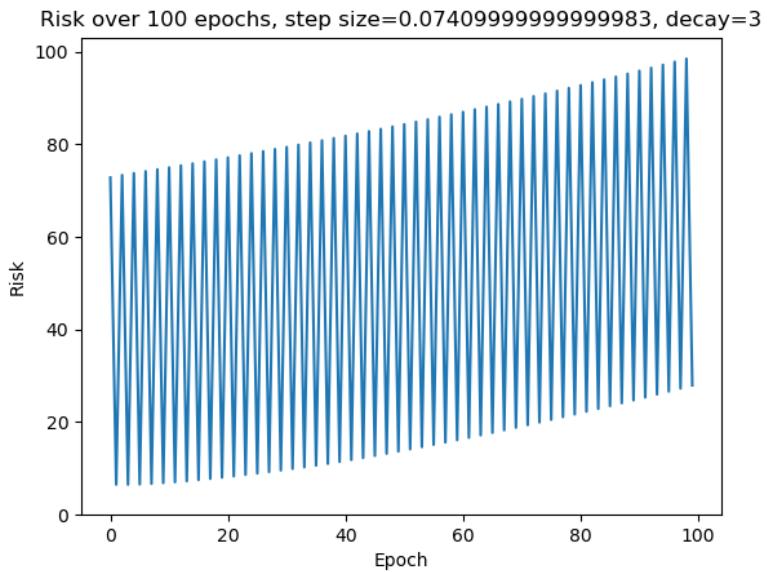
Risk over 100 epochs, step size=0.001199999999977445, decay=0.01



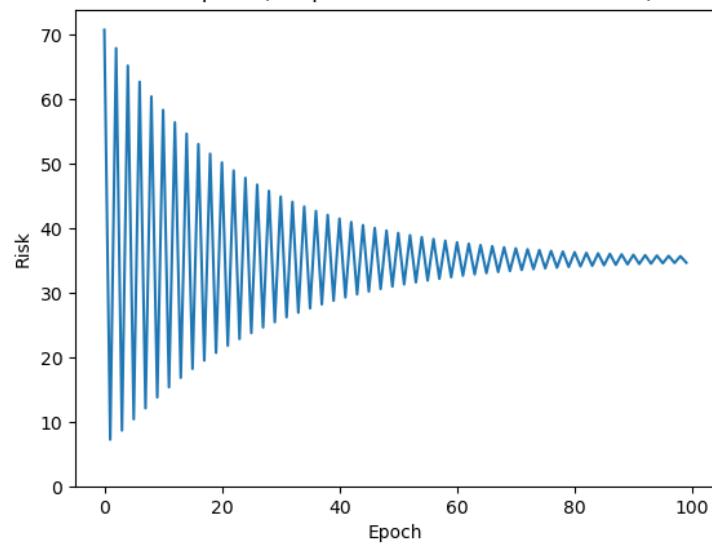
Here are a few other interesting results:

Loss over 100 epochs, step size=0.07409999999999983, decay=3

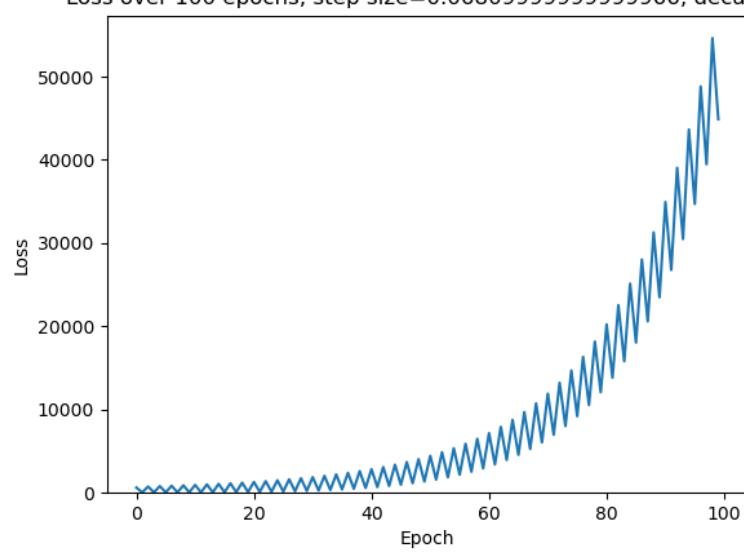


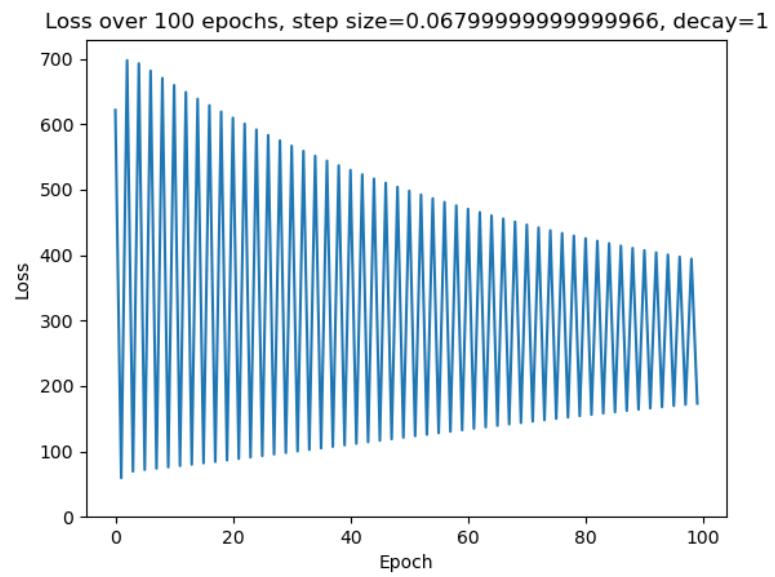
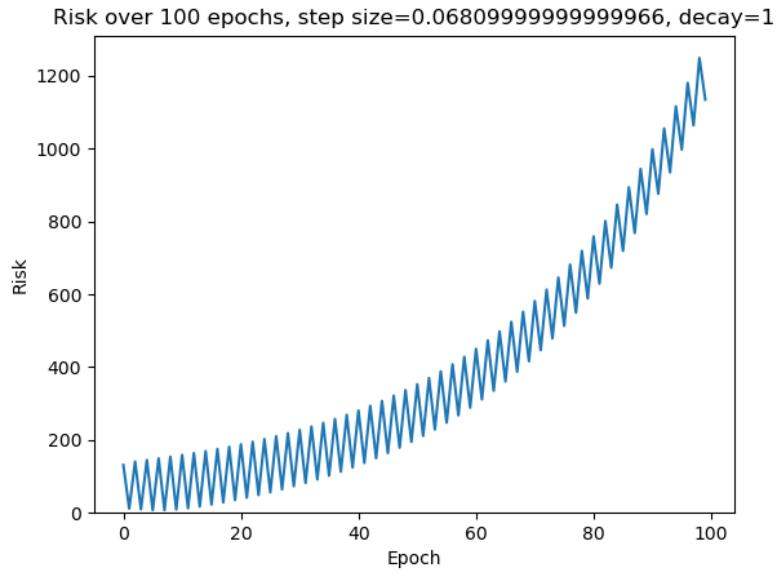


Risk over 100 epochs, step size=0.0738999999999983, decay=3

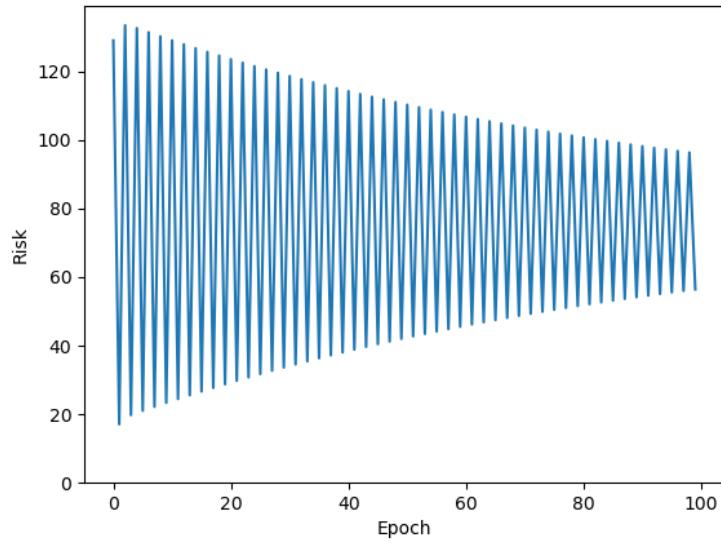


Loss over 100 epochs, step size=0.0680999999999966, decay=1

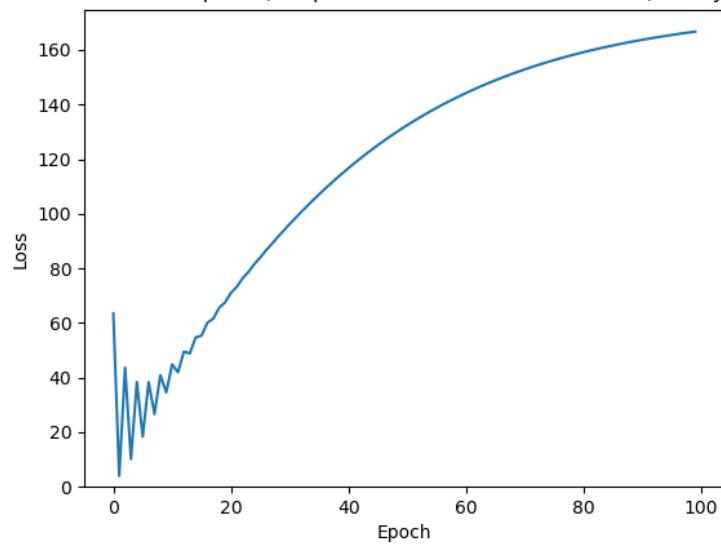




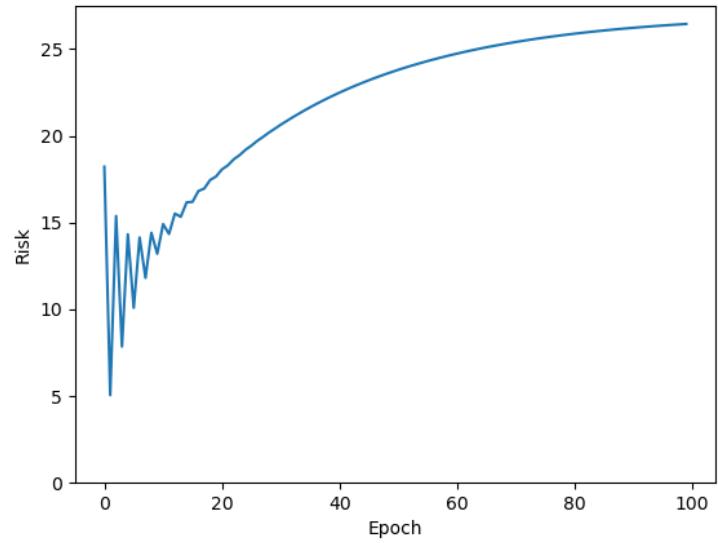
Risk over 100 epochs, step size=0.067999999999966, decay=1



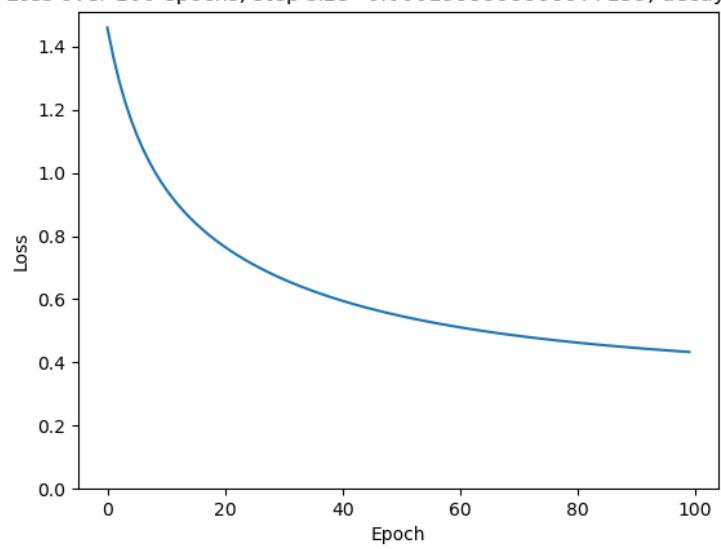
Loss over 100 epochs, step size=0.043899999999897, decay=0.1

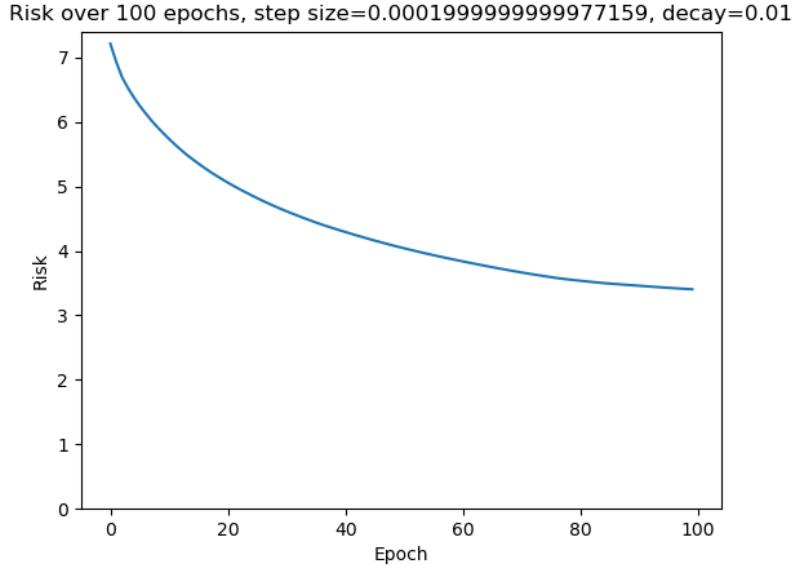


Risk over 100 epochs, step size=0.0438999999999897, decay=0.1



Loss over 100 epochs, step size=0.00019999999977159, decay=0.01





Conclusion

From the results above, we indeed see that too large of a step size causes the loss and risk to increase over iterations because the minimum is skipped over due to the large step size. This confirms one of the predictions. We also see that with too small of a step size that the optimum is not reached within `MaxIter` iterations, as predicted. Also, as predicted, we see that sometimes the best decay parameter is different based on the step size chosen. We also found an interesting example where the decay seemed to help make up for the large step size of 0.0738999999999998. The loss still went down overall, and the risk converged to a value as the iterations increased. It should be noted that the performance of the model was still poor, even though the loss was decreasing. What made this result surprising was that the loss was decreasing even though a smaller step size like 0.0438999999999987 was still large enough to miss the minimum and cause the risk and loss to increase over the number of iterations. Unsurprisingly, the model performed best with the smallest step size and decay parameter, such that the step size was not too small so that the model could converge to the minimum within `MaxIter` iterations.

Appendix for results from experiment in 2c)

Table: best epoch, validation risk, test risk

step size	best decay	best epoch	validation performance	test performance
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0.08	3	0	141.306291360929	131.202768335426
0.0799	3	0	140.400753210258	130.007310563358
0.0798	3	0	139.461565868492	128.793936145418
0.0797	3	0	138.504559186524	127.564268280511
0.0796	3	0	137.520937708499	126.319861641644
0.0795	3	0	136.50902501705	125.062204672927
0.0794	3	0	135.470738025445	123.792721820215
0.0793	3	0	134.407918749327	122.512775697065
0.0792	3	0	133.322336701609	121.223669187651
0.0791	3	0	132.215691220683	119.92664748823
0.079	3	0	131.089613733552	118.622900088739
0.0789	3	0	129.945669955498	117.313562696047
0.0788	3	0	128.785362027839	115.999719100363
0.0787	3	0	127.610130595306	114.682402986273
0.0786	3	0	126.421356824531	113.362599689829
0.0785	3	0	125.220364365125	112.041247903099
0.0784	3	0	124.008421254756	110.71924132755
0.0783	3	0	122.786741769658	109.397430277599
0.0782	3	0	121.556488221913	108.076623235638
0.0780999999999999	3	0	120.318772704875	106.757588359829
0.0779999999999999	3	0	119.074658788026	105.441054945892
0.0778999999999999	3	0	117.825163162564	104.127714844141
0.0777999999999999	3	0	116.571257238976	102.818223832934
0.0776999999999999	3	0	115.313868697819	101.513202949714
0.0775999999999999	3	0	114.053882994913	100.21323978079
0.0774999999999999	3	0	112.792144822122	98.918889710954
0.0773999999999999	3	0	111.529459524871	97.6306771340265
0.0772999999999999	3	0	110.26659447752	96.3490966254029
0.0771999999999999	3	1	107.586611637054	99.9733616147788
0.0770999999999999	3	1	101.712549942972	94.3789518680102
0.0769999999999999	3	1	96.0554494311705	89.0090750636494
0.0768999999999999	3	1	90.6094715274305	83.8564079733299
0.0767999999999999	3	1	85.3687913844216	78.9137669289612
0.0766999999999999	3	1	80.3276126872526	74.1741139354891
0.0765999999999999	3	1	75.4801808651748	69.630561729284
0.0764999999999999	3	1	70.8207948337735	65.2763778757263
0.0763999999999999	3	1	66.3438173836396	61.1049879928253
0.0762999999999999	3	1	62.043684323699	57.1099781814304
0.0761999999999999	3	1	57.9149124799986	53.2869866815611
0.0760999999999999	3	1	53.9521066438737	49.6375714506891
0.0759999999999999	3	1	50.1499655568934	46.1457945069036
0.0758999999999999	3	1	46.5032870139333	42.8059107598254
0.0757999999999999	3	1	43.0069721599835	39.6123379678628
0.0756999999999999	3	1	39.6560290509719	36.5596557808238
0.0755999999999999	3	1	36.4455755438442	33.642604410065
0.0754999999999999	3	1	33.3900284031104	30.8565059952562

0.0753999999999999	3	1	30.4828012639467	28.2072727952329
0.0752999999999999	3	1	27.7018490695197	25.6906611733251
0.0751999999999999	3	1	25.0589355025755	23.29786297738
0.0750999999999999	3	1	22.5377744642467	21.0235882561228
0.0749999999999999	3	1	20.1318450080034	18.8595737429172
0.0748999999999999	3	1	17.8603337462339	16.7973603984353
0.0747999999999999	3	1	15.7211568795663	14.8354333238937
0.0746999999999998	3	1	13.7133251359955	13.0326019816389
0.0745999999999999	3	1	11.8958874469392	11.3965199074829
0.0744999999999998	3	1	10.3547731317809	9.94171600383804
0.0743999999999998	3	1	8.98190893026927	8.66951729271599
0.0742999999999998	3	1	7.82586595957112	7.55735561082549
0.0741999999999998	3	1	6.92207787084484	6.76208296465688
0.0740999999999998	3	3	6.52492167390732	6.42123984462014
0.0739999999999998	3	1	6.85625404842787	6.28899043494531
0.0738999999999998	3	1	7.31335381297524	6.45302422073585
0.0737999999999998	3	1	7.83002040862427	6.81879316741124
0.0736999999999998	3	1	8.41773798043703	7.26020934495914
0.0735999999999998	3	1	9.15020682340166	7.73751812277753
0.0734999999999998	3	1	9.89211444137031	8.20221777592453
0.0733999999999998	3	1	10.621645046625	8.64982067541782
0.0732999999999998	3	1	11.3711112742764	9.11901976313153
0.0731999999999998	3	1	12.0863158400788	9.59612708856728
0.0730999999999998	3	1	12.7799521903487	10.0567029770424
0.0729999999999998	3	1	13.444505802142	10.5127290668976
0.0728999999999998	3	1	14.0755269793876	10.9740886078671
0.0727999999999998	3	1	14.6850644912639	11.4179082096708
0.0726999999999998	3	1	15.2662918214537	11.8691563606757
0.0725999999999998	3	1	15.8182604818974	12.3106170409604
0.0724999999999998	3	1	16.340798098439	12.7457432525925
0.0723999999999998	3	1	16.8432842428061	13.1881787083233
0.0722999999999998	3	1	17.315502401175	13.6056777721816
0.0721999999999998	3	1	17.7586081420489	13.9981020191662
0.0720999999999998	3	1	18.1751384181391	14.3769774829485
0.0719999999999998	3	1	18.567727390252	14.7325339427134
0.0718999999999998	3	1	18.934164681937	15.065960309928
0.0717999999999998	3	1	19.2754790262622	15.376857891928
0.0716999999999998	3	1	19.5926657807421	15.6666491248075
0.0715999999999998	3	1	19.8881280402765	15.934405797927
0.0714999999999998	3	1	20.1676116613855	16.1886201604228
0.0713999999999998	3	1	20.426438568036	16.4226160031541
0.0712999999999998	3	1	20.6779655261387	16.6367094250997
0.0711999999999998	3	1	20.9182243053921	16.8317943078003
0.0710999999999997	3	1	21.1370626870986	17.0087295461854
0.0709999999999997	3	1	21.3375600775835	17.1683403064913
0.0708999999999997	3	1	21.5183121309707	17.3114192466673

0.0707999999999997	3	1	21.6801589829881	17.4387276996704
0.0706999999999997	3	1	21.8239483176974	17.5509968201226
0.0705999999999997	3	1	21.950494867855	17.6489286948643
0.0704999999999997	3	1	22.0605816141106	17.7331974179948
0.0703999999999997	3	1	22.1549609459841	17.8044501310329
0.0702999999999997	3	1	22.234355785323	17.8633080288735
0.0701999999999997	3	1	22.2994606729796	17.9115584308871
0.0700999999999997	3	1	22.3509428194828	17.9486712915155
0.0699999999999997	3	1	22.3894431205027	17.9749417144128
0.0698999999999997	3	1	22.4155771379271	17.9909095995577
0.0697999999999997	3	1	22.4299360473877	17.9970925456497
0.0696999999999997	3	1	22.4330875530824	17.9939867230655
0.0695999999999997	3	1	22.4255767707499	17.9820677144991
0.0694999999999997	3	1	22.4079270796566	17.9617913242991
0.0693999999999997	3	1	22.3806409444561	17.9335943574974
0.0692999999999997	3	1	22.3442007077828	17.8978953695147
0.0691999999999997	3	1	22.2990693544305	17.8550953875048
0.0690999999999997	3	1	22.2456912479701	17.8055786042884
0.0689999999999997	3	1	22.1844928406417	17.7497130458029
0.0688999999999997	3	1	22.115883357355	17.6878512129779
0.0687999999999997	3	1	22.0402554546132	17.6203306989251
0.0686999999999997	3	1	21.9579858551685	17.5474747823078
0.0685999999999997	3	1	21.8694359591992	17.4695929977376
0.0684999999999997	1	1	19.8151017196236	14.2109333873996
0.0683999999999997	1	1	12.3585982074973	8.75400258351502
0.0682999999999997	1	1	7.50531225377246	5.14625708669644
0.0681999999999997	1	1	6.7565435695091	5.70642640803265
0.0680999999999997	1	5	7.26260494319502	6.08738294335311
0.0679999999999997	1	1	17.0745940677755	14.6268346369878
0.0678999999999997	3	1	21.1011402402675	16.8070545391763
0.0677999999999997	3	1	20.9737040673884	16.6986311810721
0.0676999999999997	3	1	20.8426408771013	16.5874330490637
0.0675999999999996	3	1	20.7081878270506	16.4736591148956
0.0674999999999996	3	1	20.570572135703	16.3574995839468
0.0673999999999996	3	1	20.4306752364413	16.2391362478281
0.0672999999999996	3	1	20.2887620698804	16.1189221812293
0.0671999999999996	3	1	20.144345451304	15.997808908522
0.0670999999999996	3	1	19.9976145887418	15.8750397217779
0.0669999999999996	3	1	19.8487505918788	15.7507653436315
0.0668999999999996	3	1	19.6979268145245	15.625129612383
0.0667999999999996	3	1	19.5453091425866	15.498269761006
0.0666999999999996	3	1	19.3910562873633	15.3704065258934
0.0665999999999996	3	1	19.2358727882432	15.2424438570986
0.0664999999999996	3	1	19.0796459753041	15.114039052182
0.0663999999999996	3	1	18.9242643717537	14.9849014931889
0.0662999999999996	3	1	18.7700441834403	14.8551379627857

0.0661999999999996	3	1	18.6149102853291	14.7248501963479
0.0660999999999996	3	1	18.4589797570797	14.5941350850211
0.0659999999999996	3	1	18.3033620192204	14.4630848708325
0.0658999999999996	3	1	18.1473585681454	14.3317873341634
0.0657999999999996	3	1	17.9908848424562	14.2003259738846
0.0656999999999996	3	1	17.8340374748467	14.0687801804399
0.0655999999999996	3	1	17.6769086903077	13.9376697433573
0.0654999999999996	3	1	17.5195864764373	13.8071118323726
0.0653999999999996	3	1	17.3632238664496	13.676683342485
0.0652999999999996	3	1	17.2072710536856	13.5464483338929
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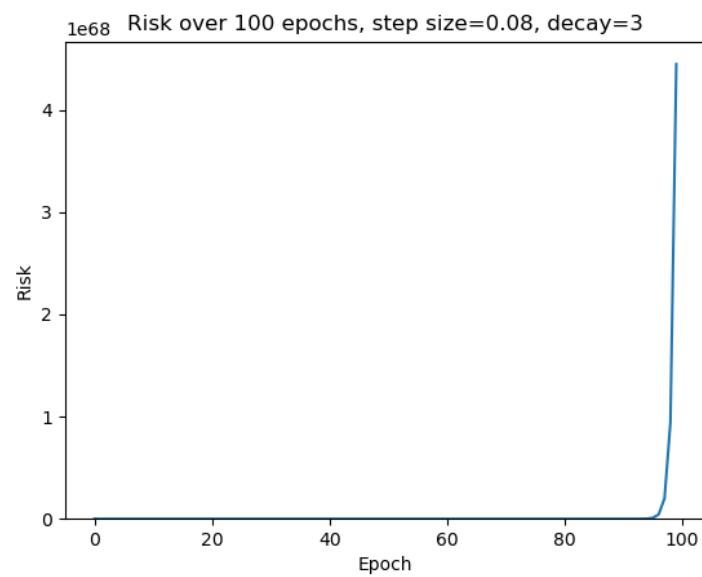
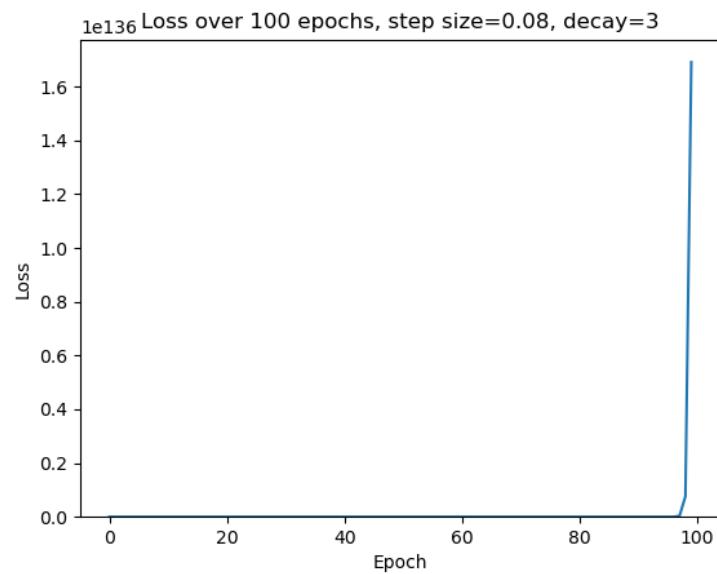
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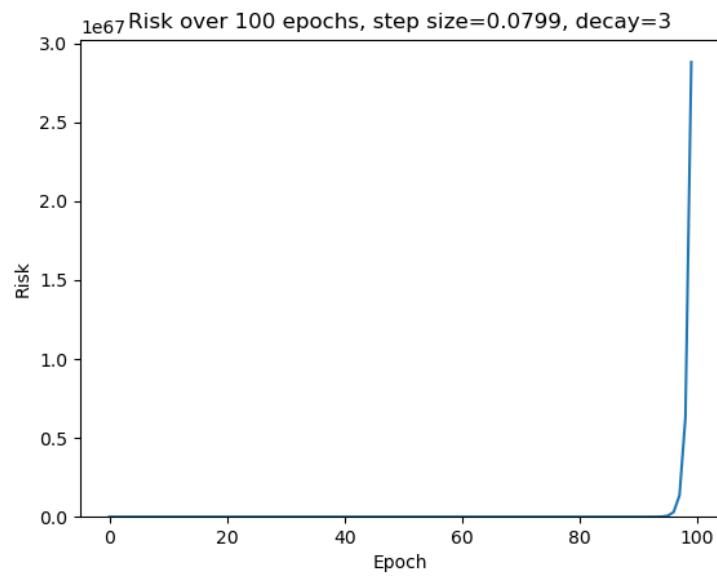
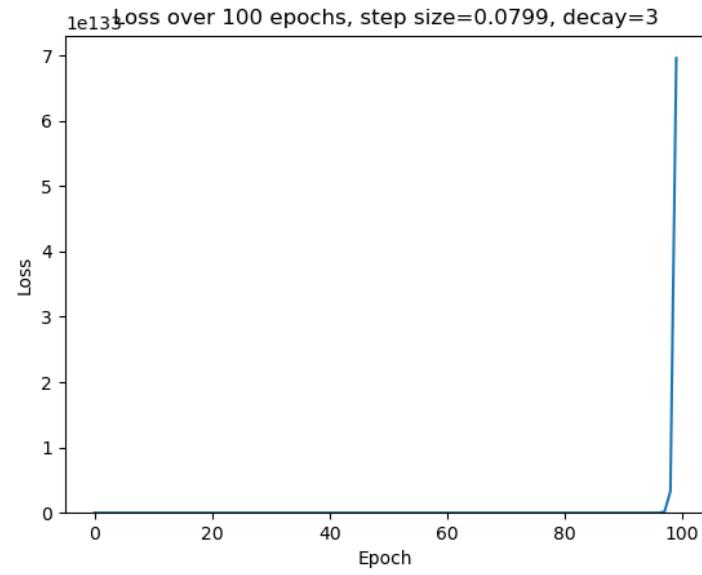
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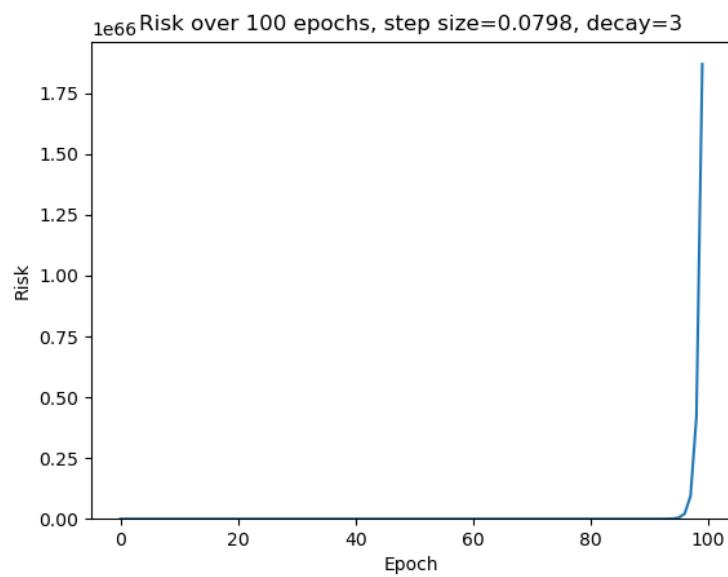
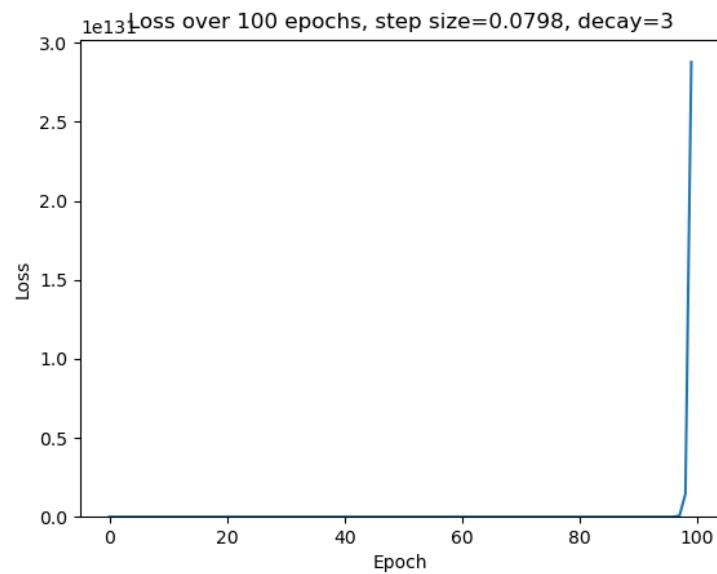
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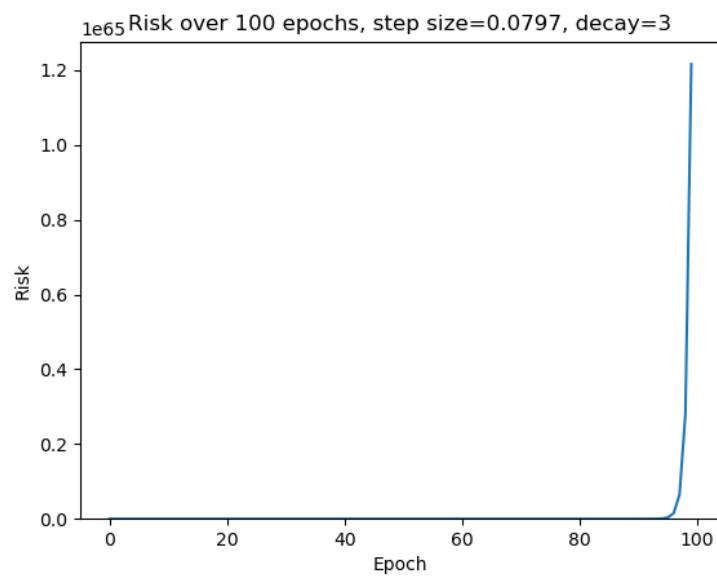
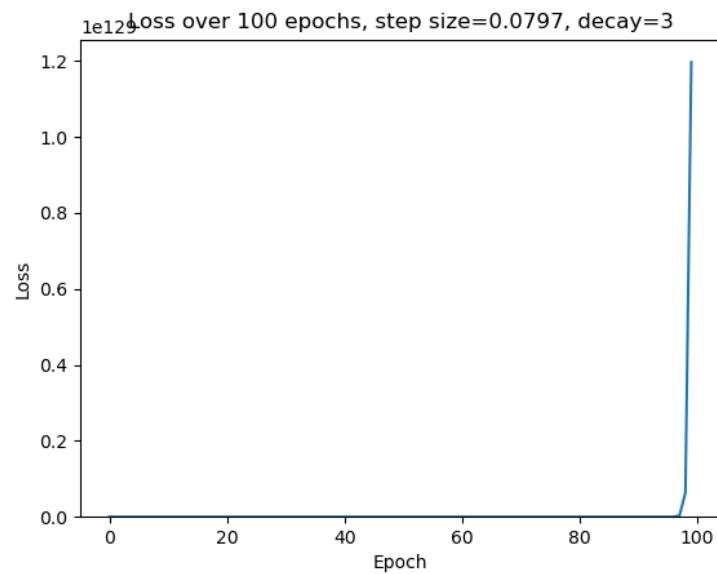
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Plots of Risk and Loss

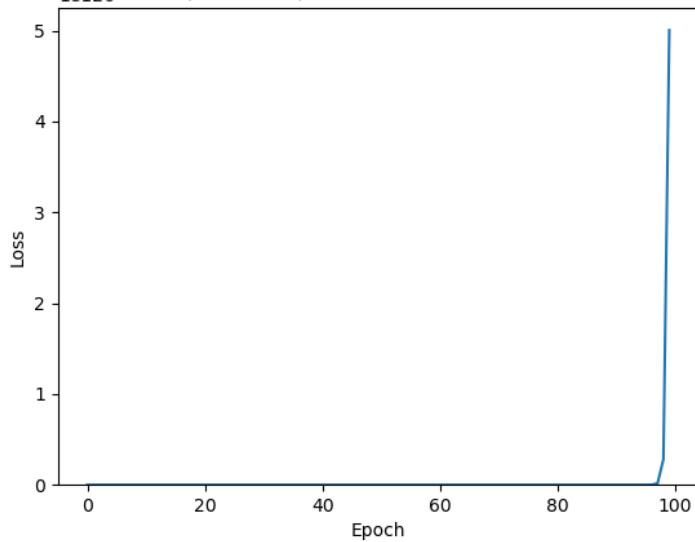




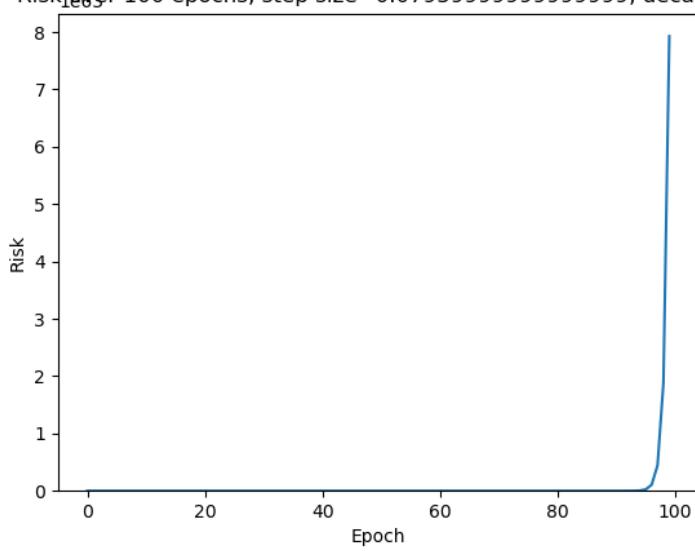


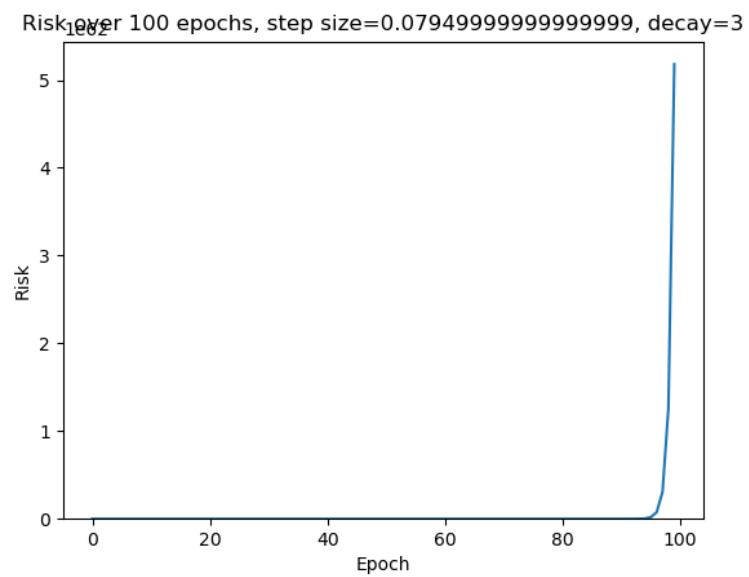
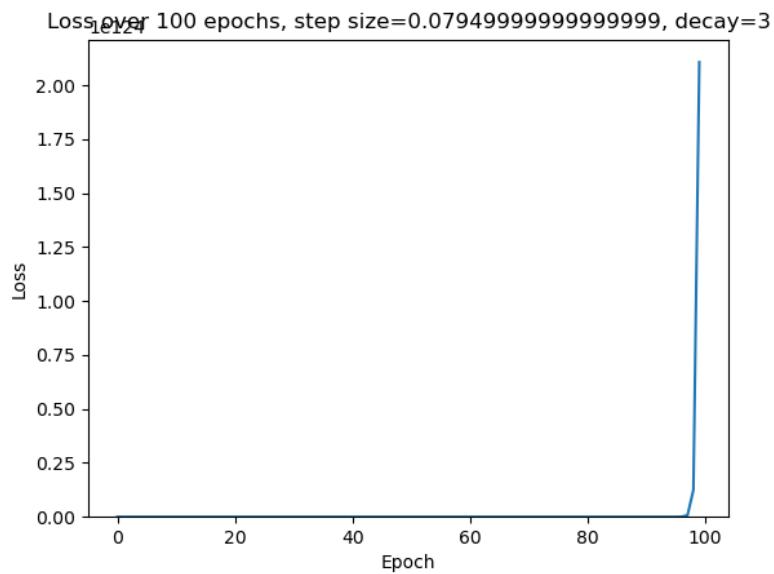


Loss₁₀₁₂₀ over 100 epochs, step size=0.07959999999999999, decay=3

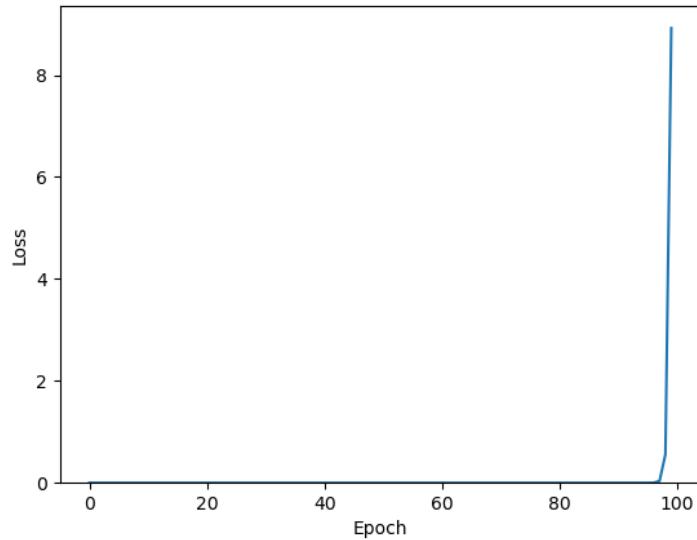


Risk₁₀₈₅ over 100 epochs, step size=0.07959999999999999, decay=3

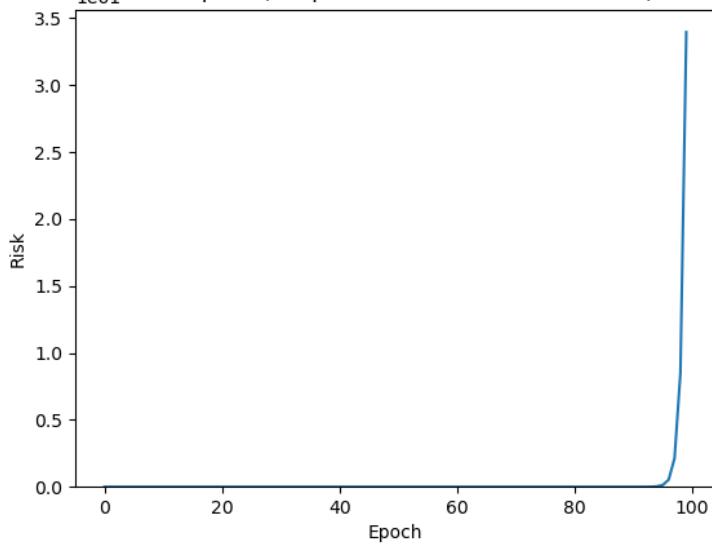




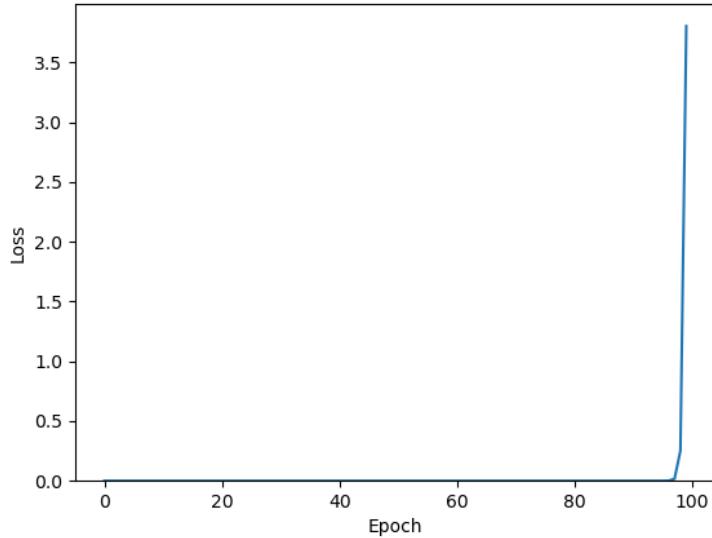
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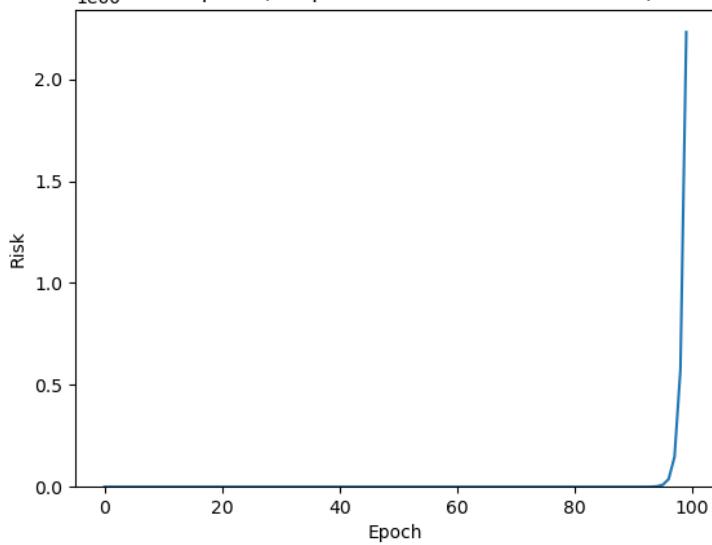
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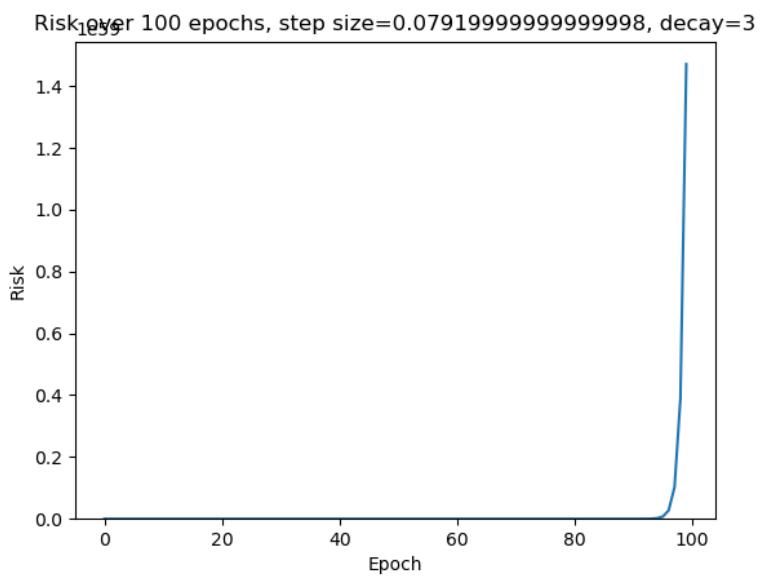
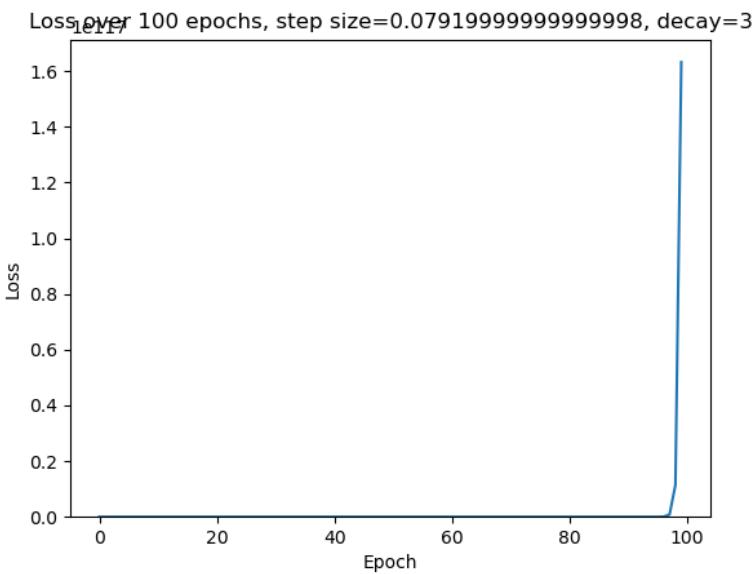


Loss₁₀₀ over 100 epochs, step size=0.0792999999999998, decay=3

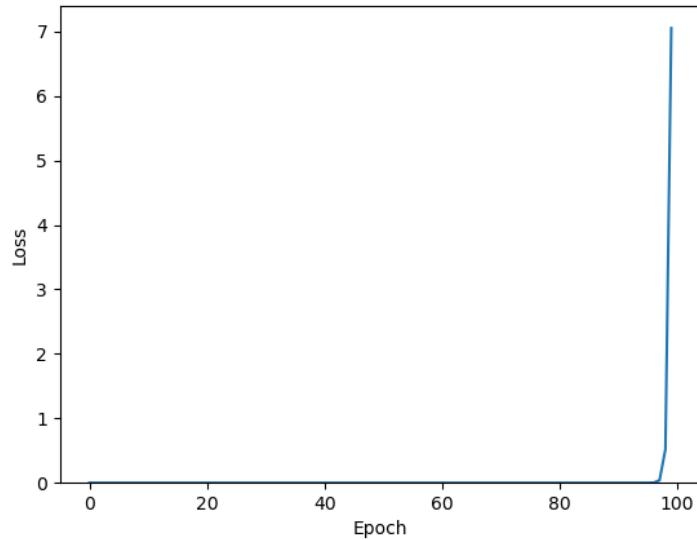


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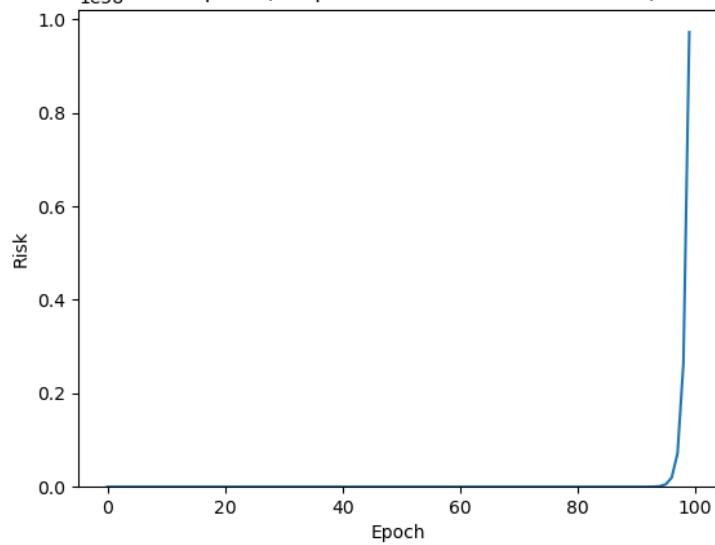


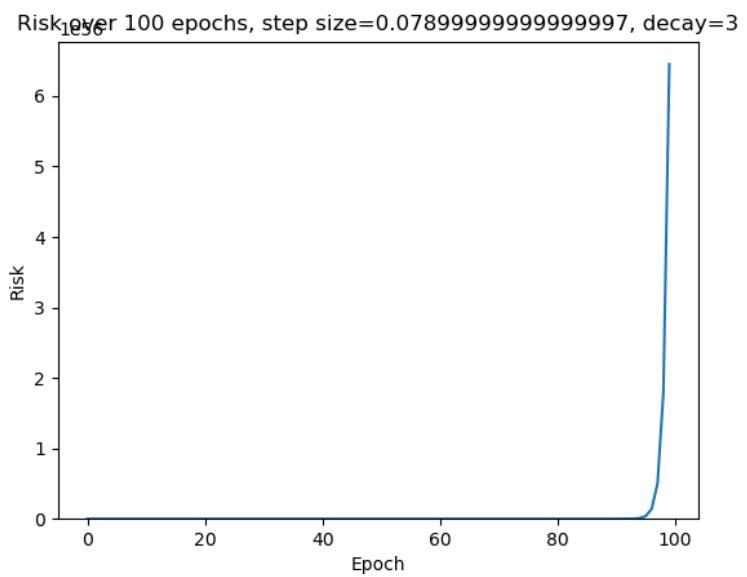
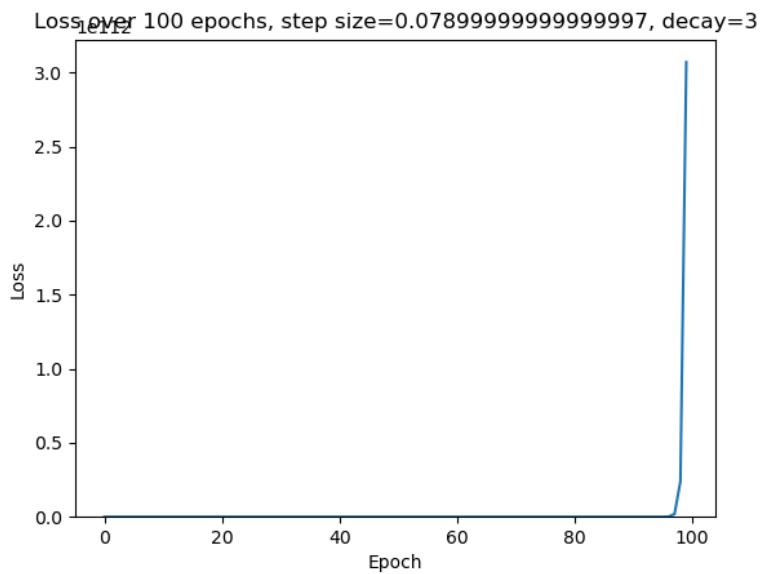


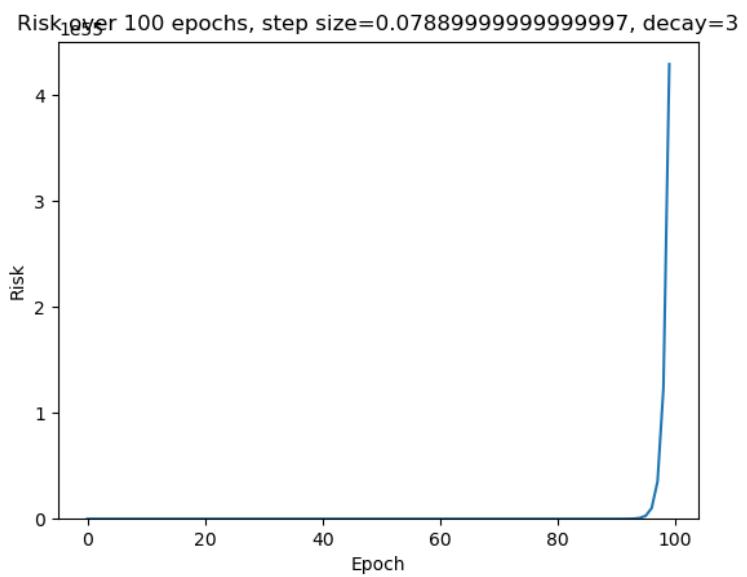
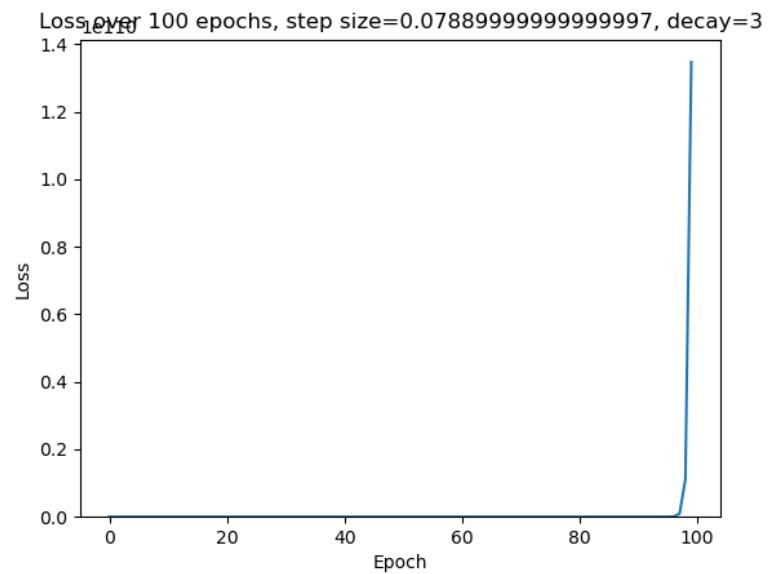
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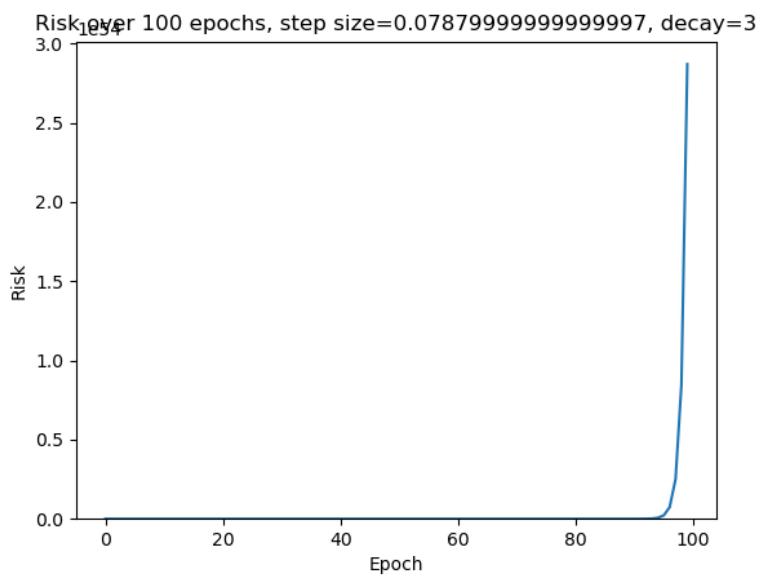
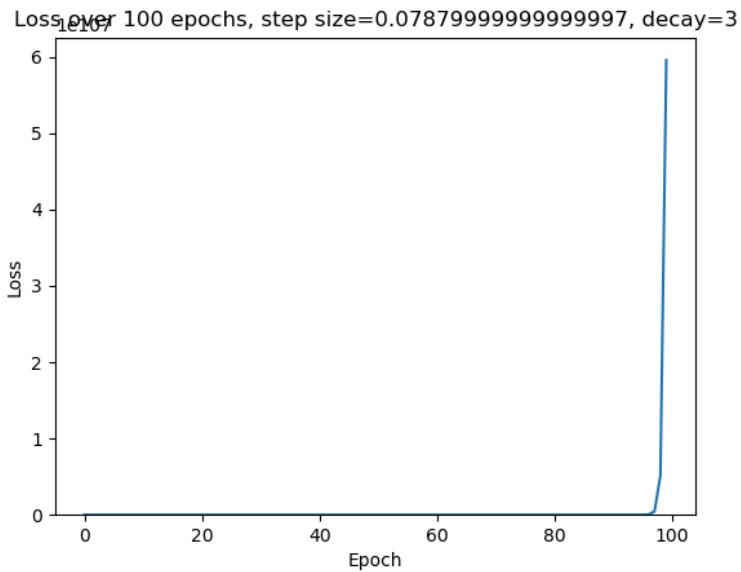


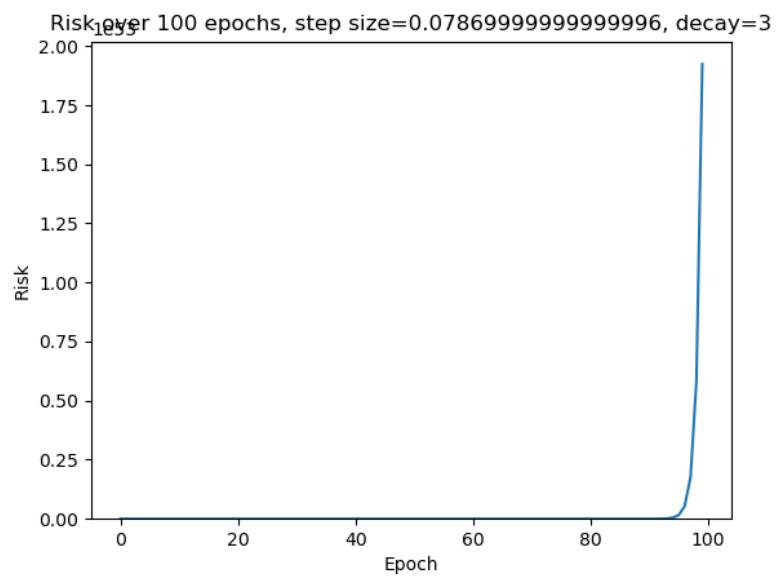
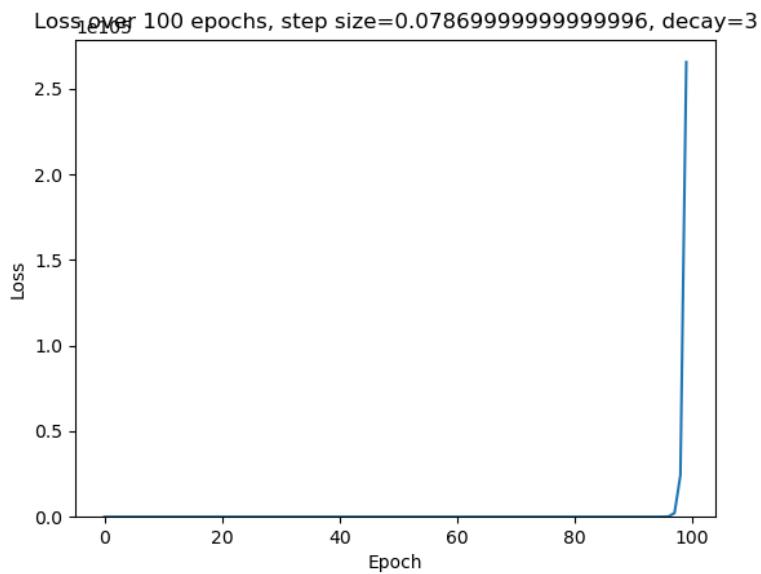
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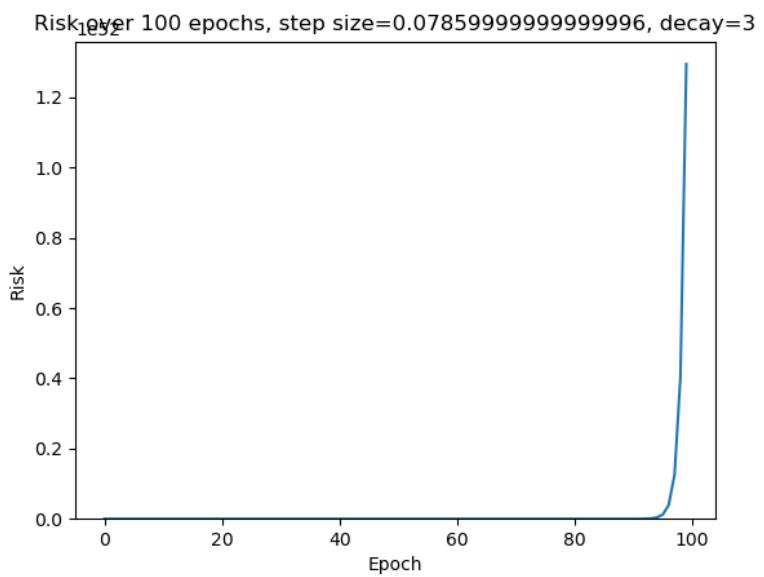
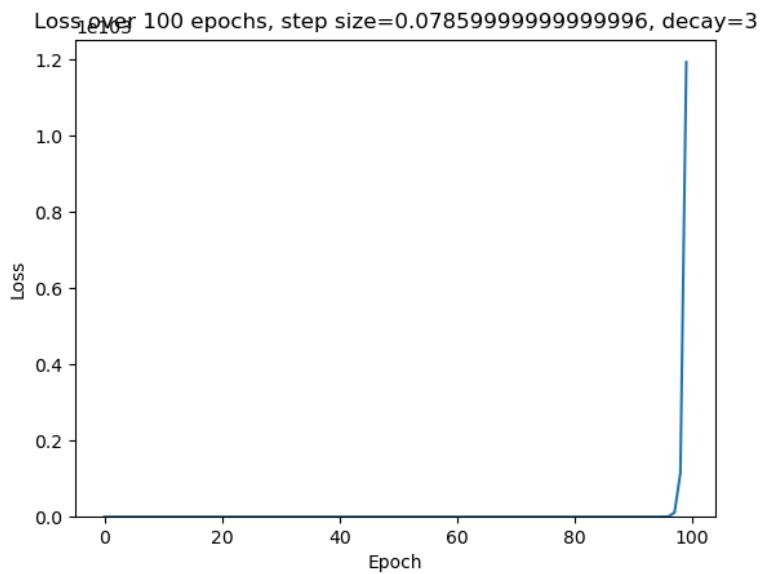




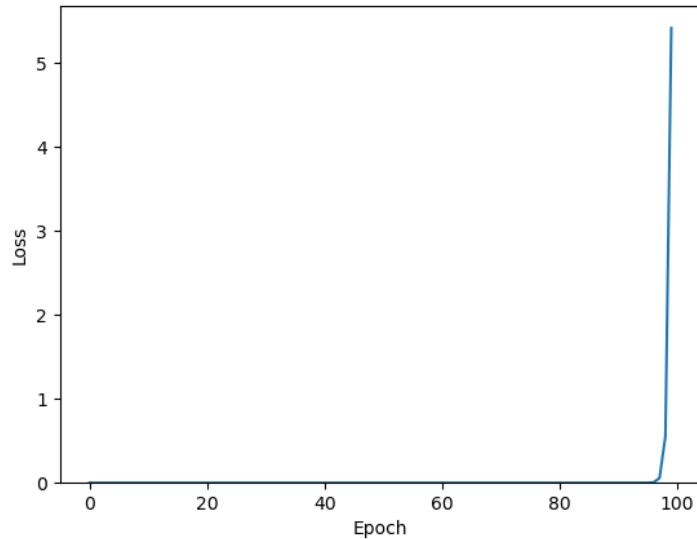




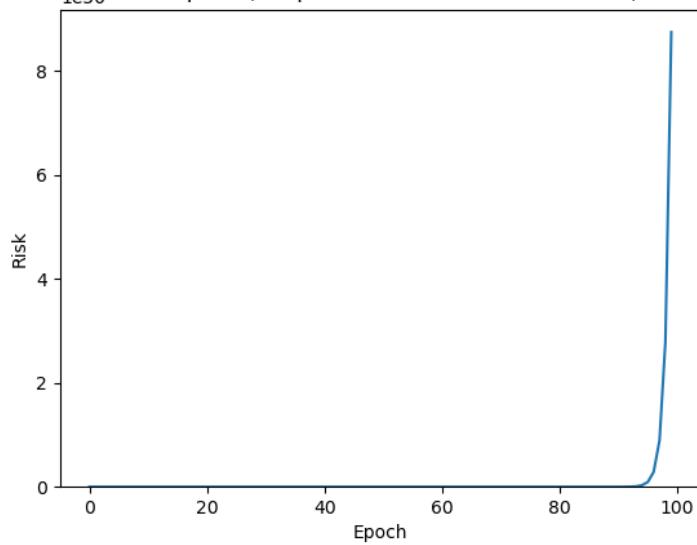


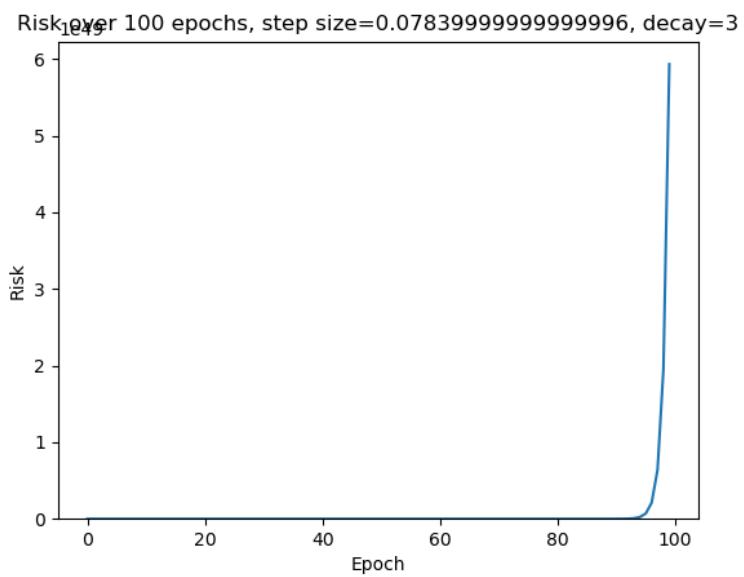
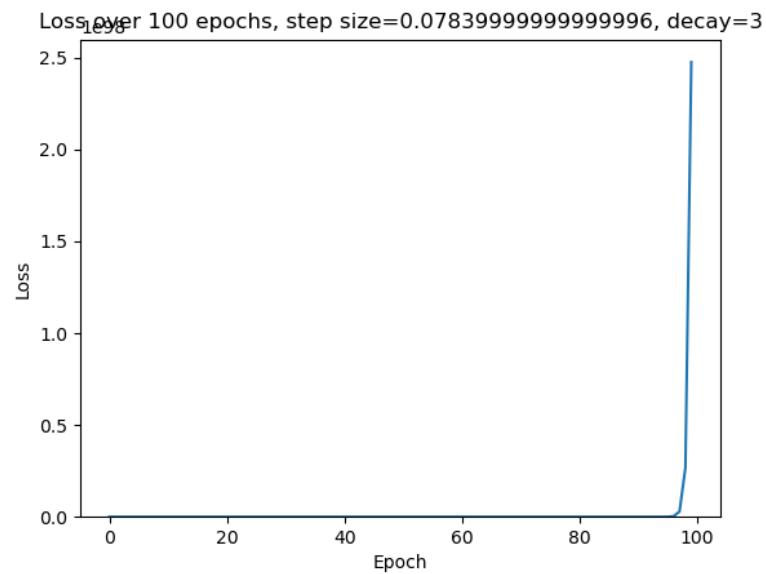


Loss₁₀₀ over 100 epochs, step size=0.0784999999999996, decay=3

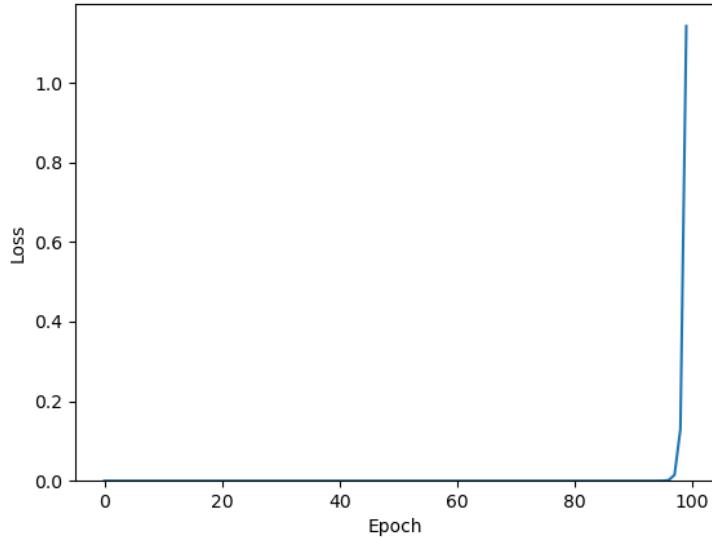


Risk₁₀₀ over 100 epochs, step size=0.0784999999999996, decay=3

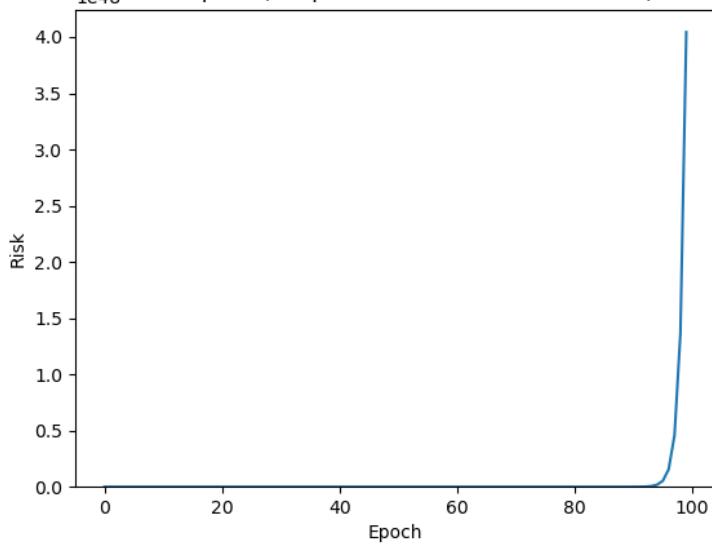




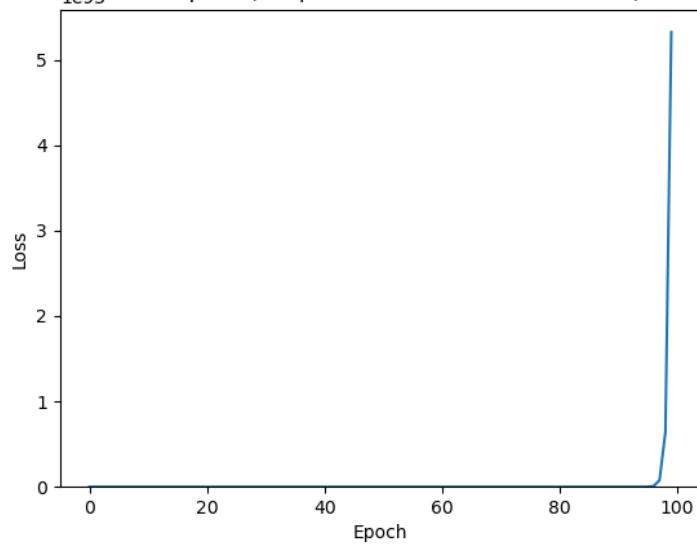
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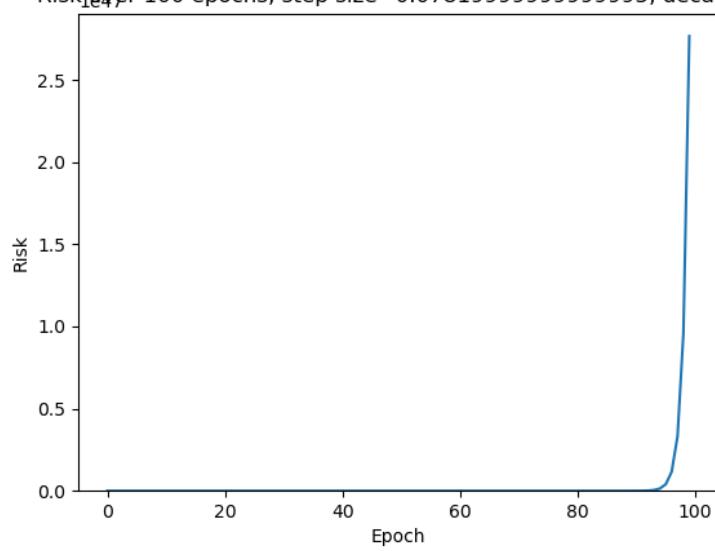
Risk₁₀₄₈ over 100 epochs, step size=0.0782999999999995, decay=3

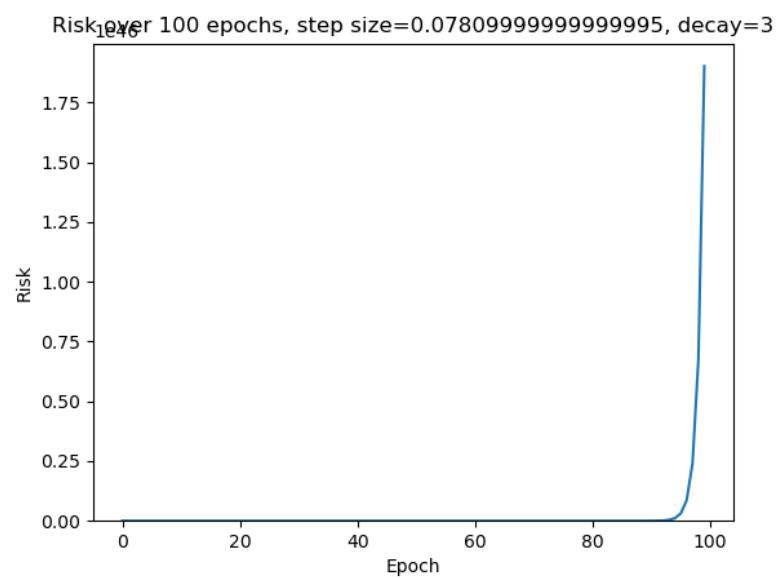
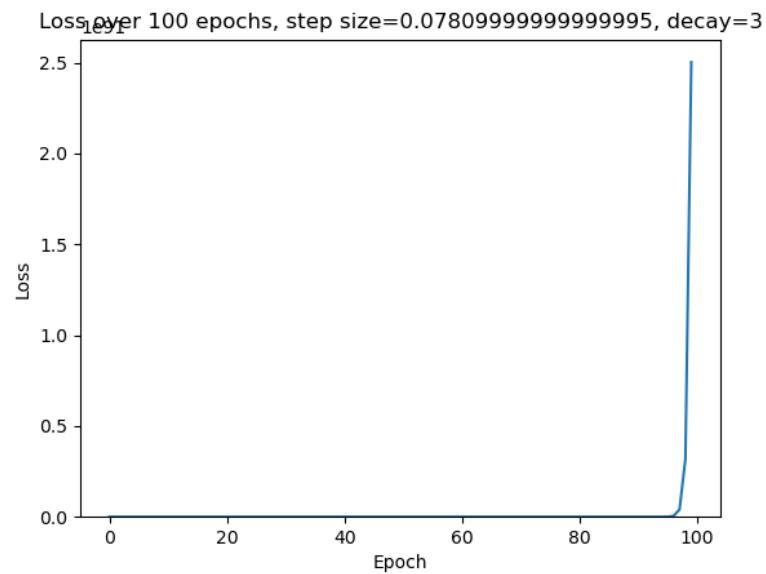


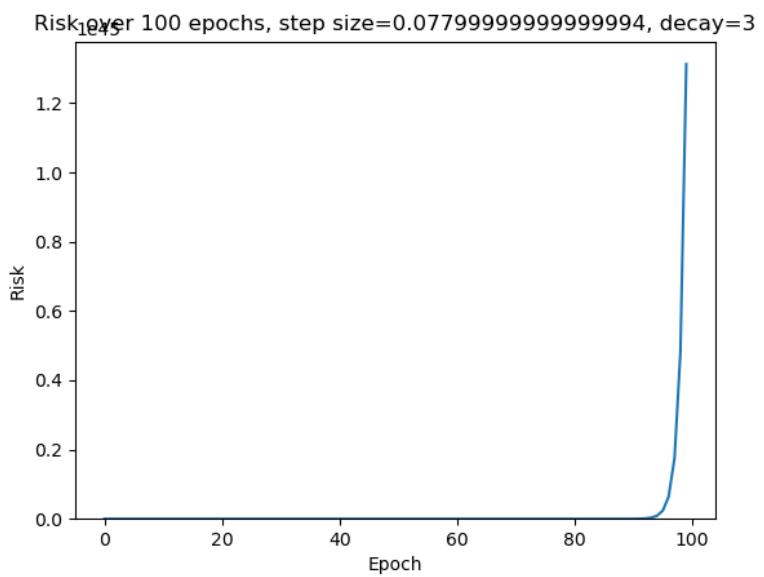
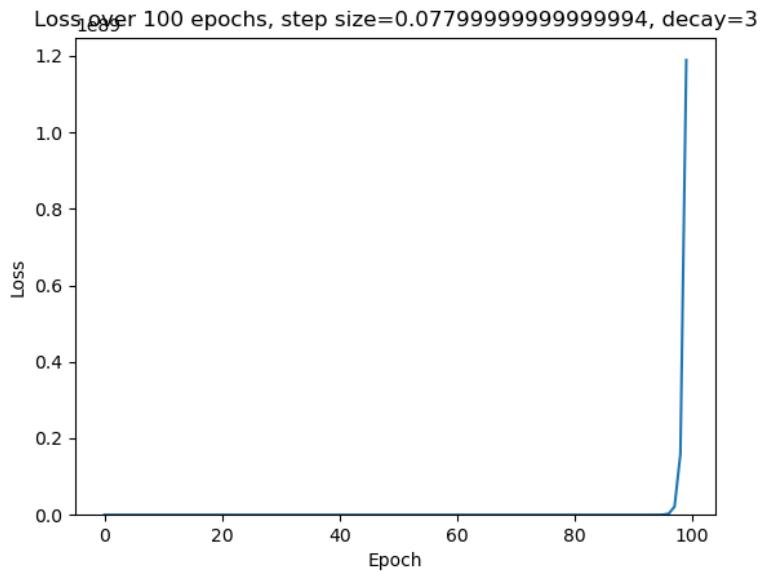
Loss₁₀₉₅ over 100 epochs, step size=0.0781999999999995, decay=3



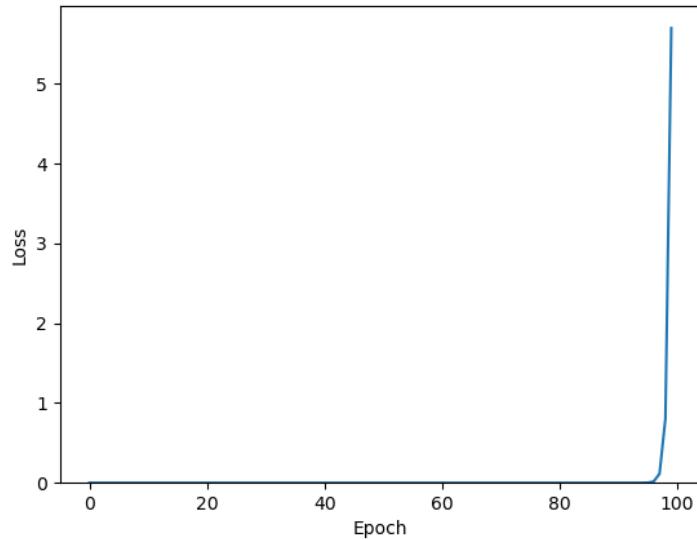
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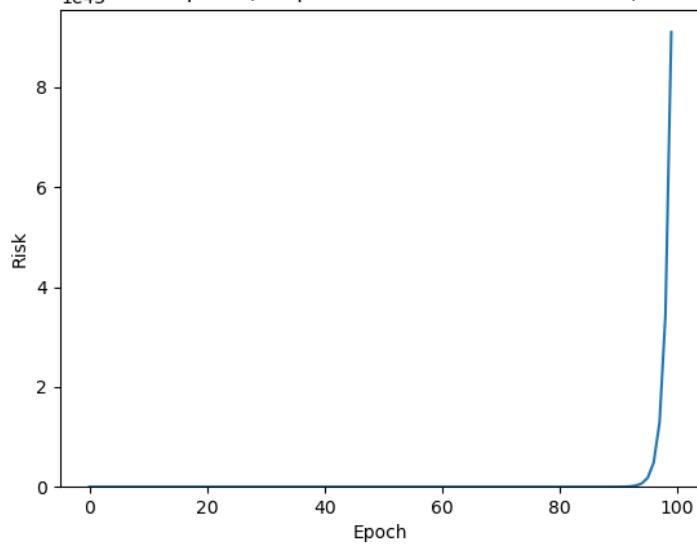




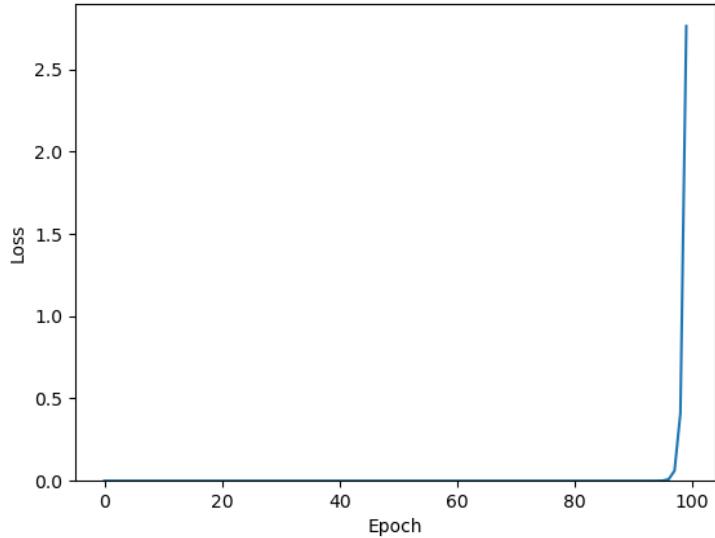
Loss₁₈₆ over 100 epochs, step size=0.0778999999999994, decay=3



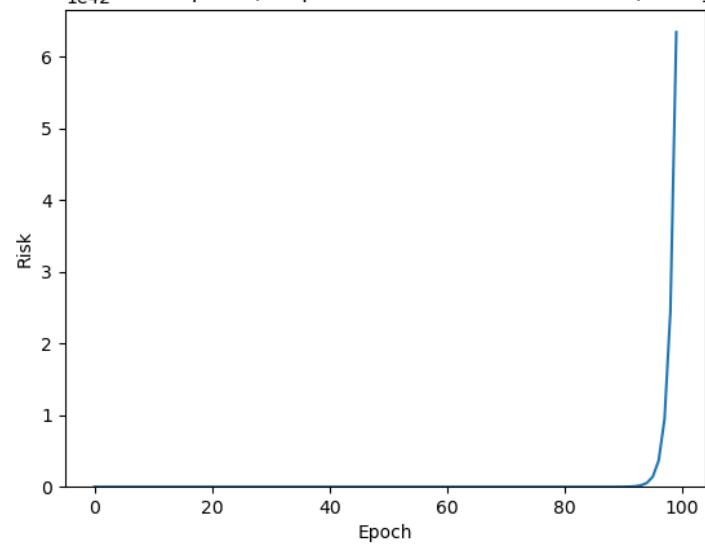
Risk₁₀₄₅ over 100 epochs, step size=0.0778999999999994, decay=3

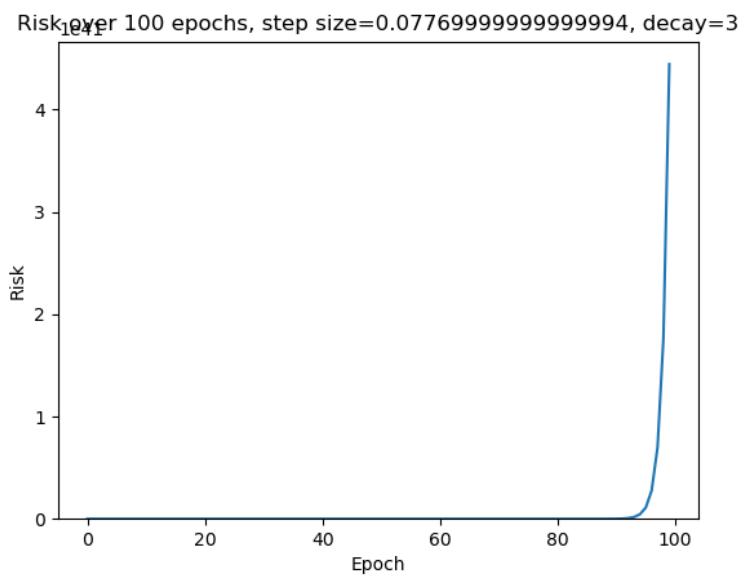
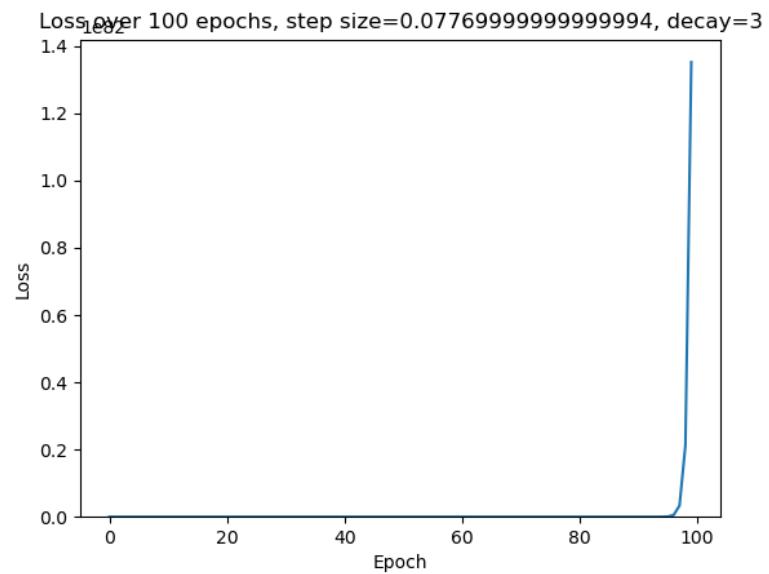


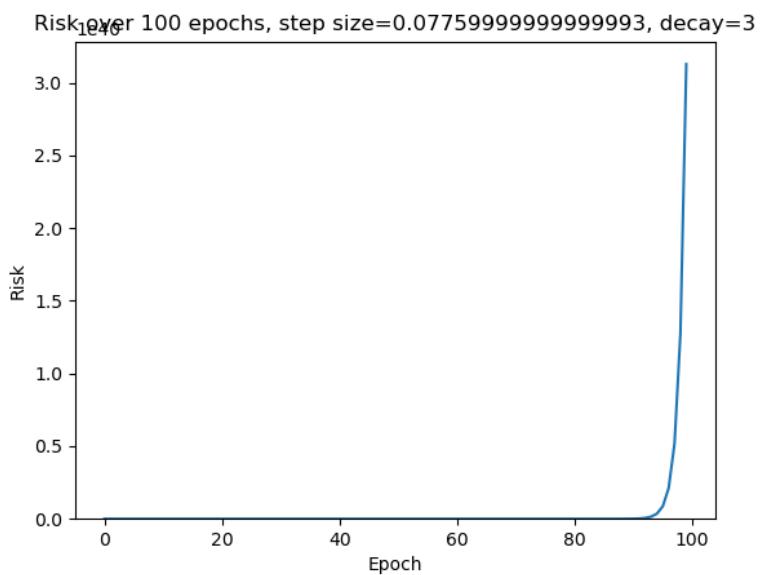
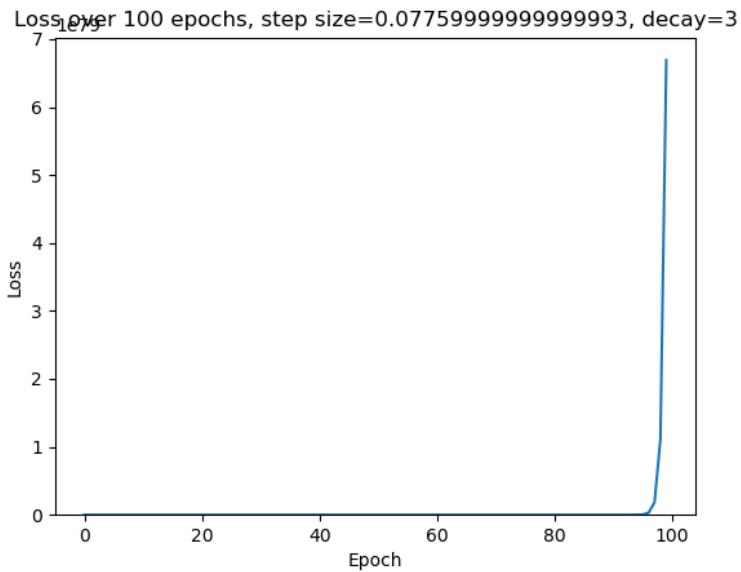
Loss₁₀₈ over 100 epochs, step size=0.0777999999999994, decay=3

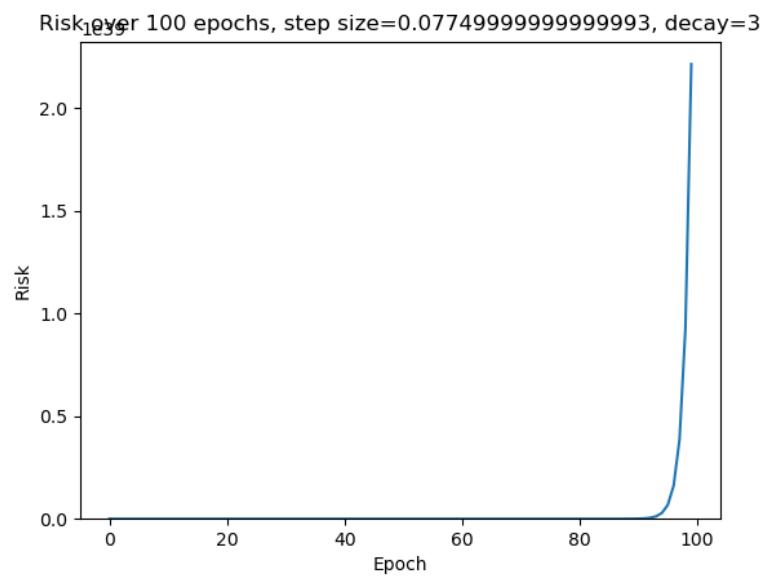
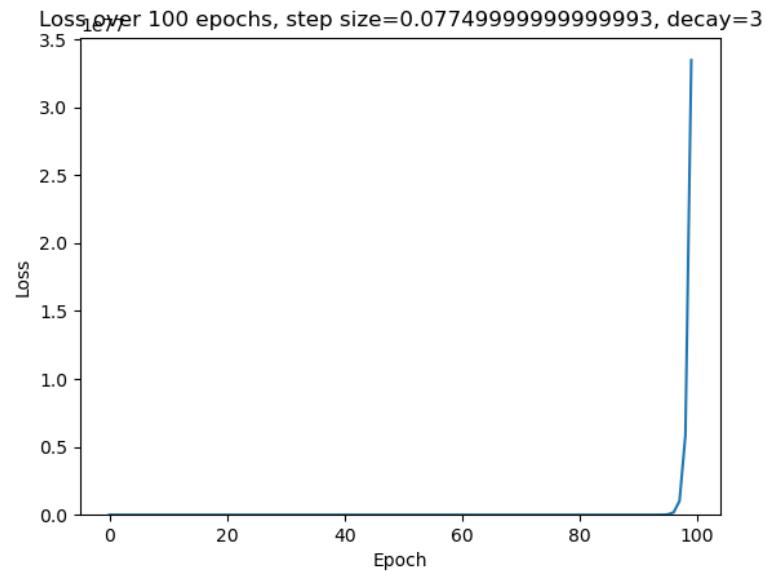


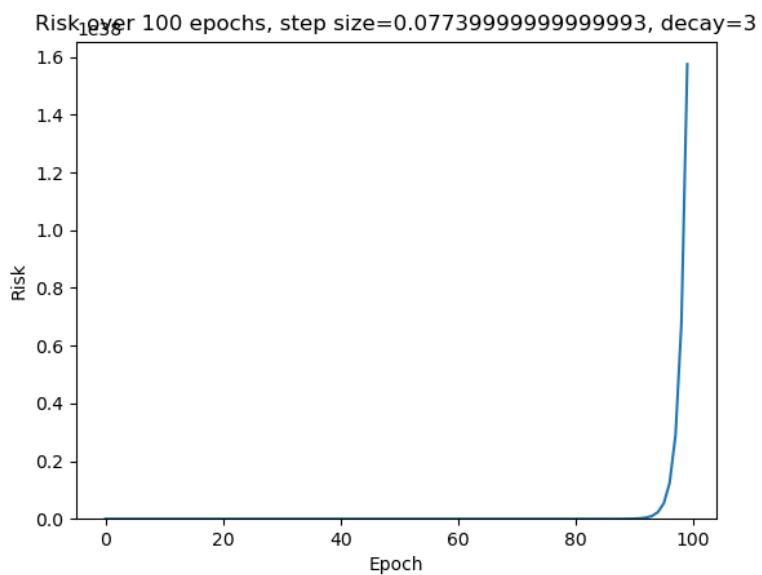
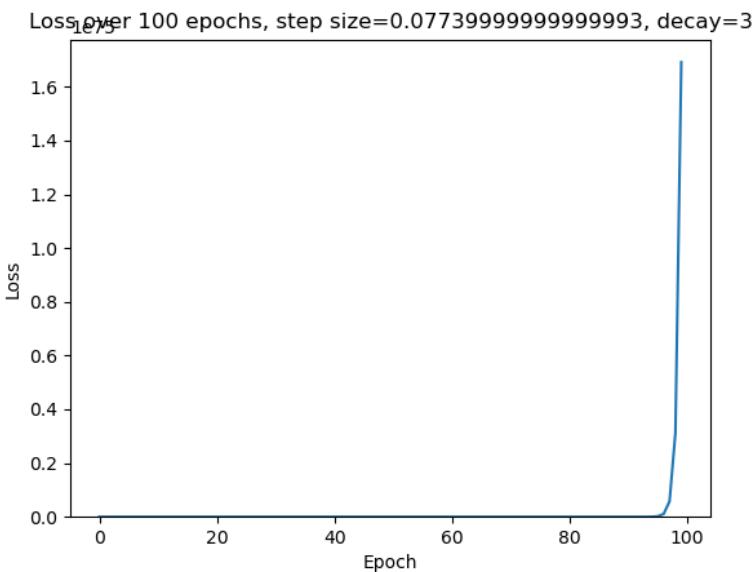
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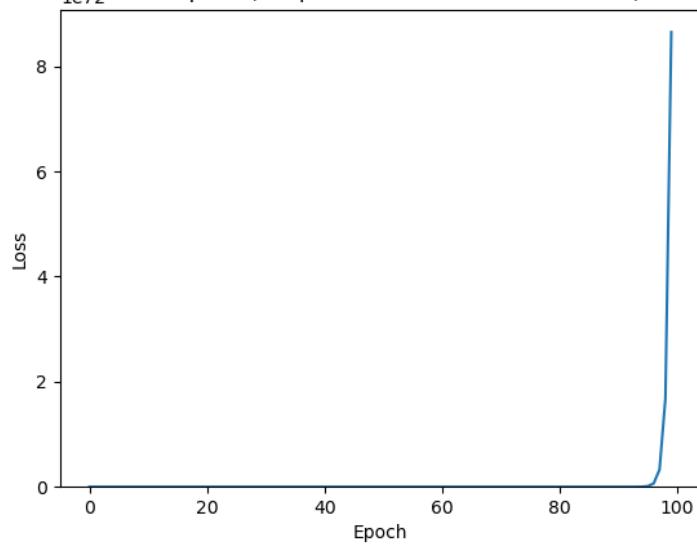




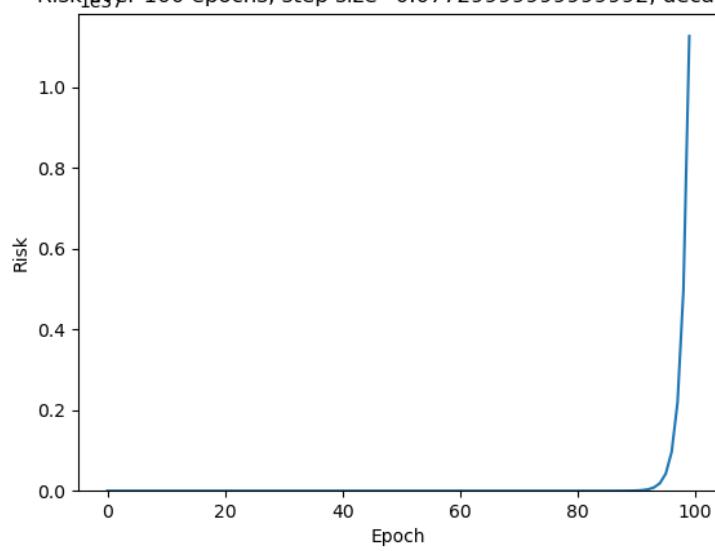




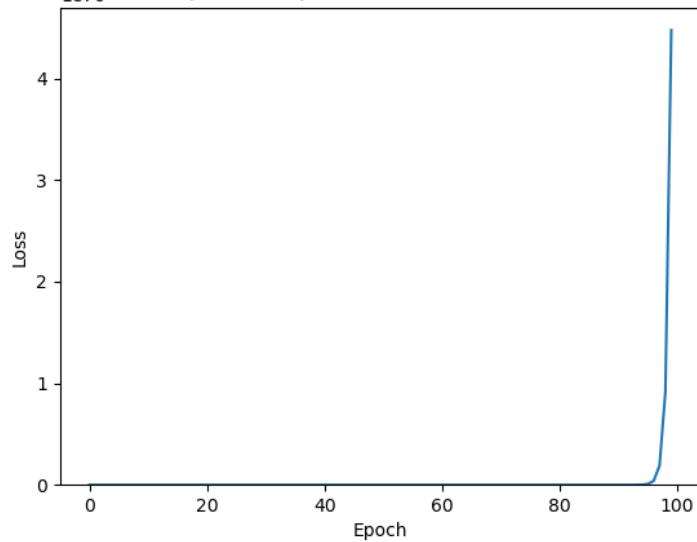
Loss₁₀₀ over 100 epochs, step size=0.0772999999999992, decay=3



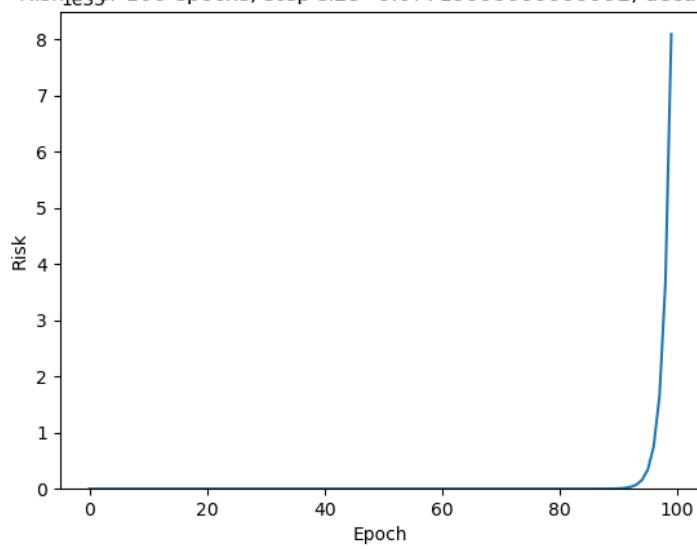
Risk₁₀₀ over 100 epochs, step size=0.0772999999999992, decay=3



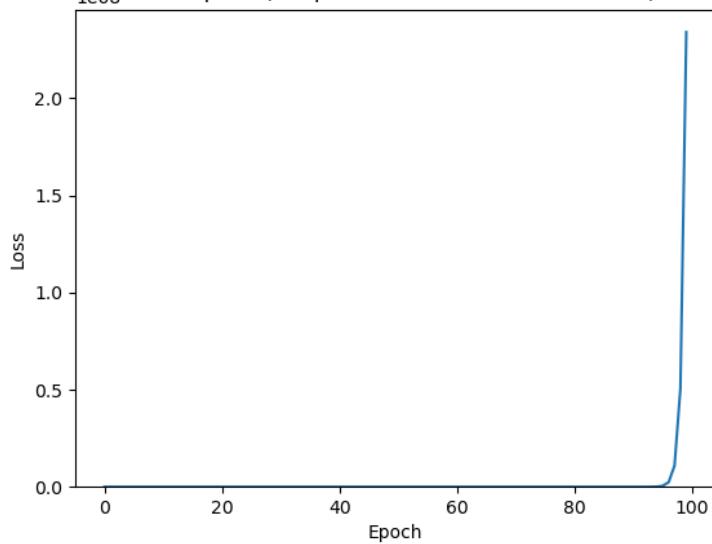
Loss₁₀₀ over 100 epochs, step size=0.0771999999999992, decay=3



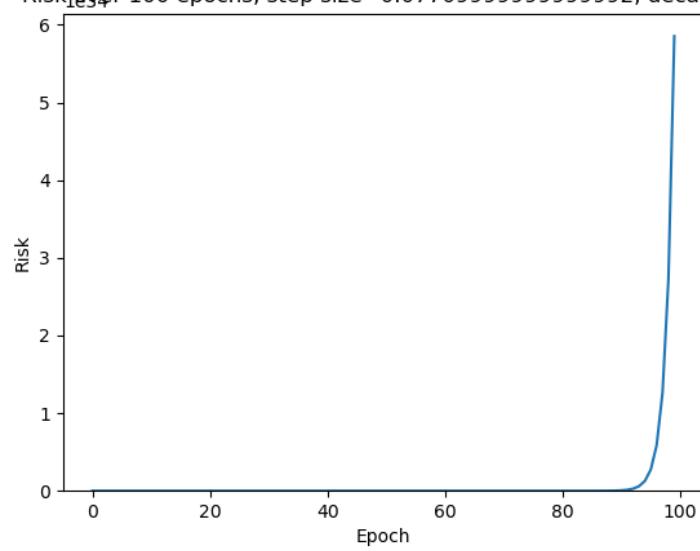
Risk₁₀₀ over 100 epochs, step size=0.0771999999999992, decay=3

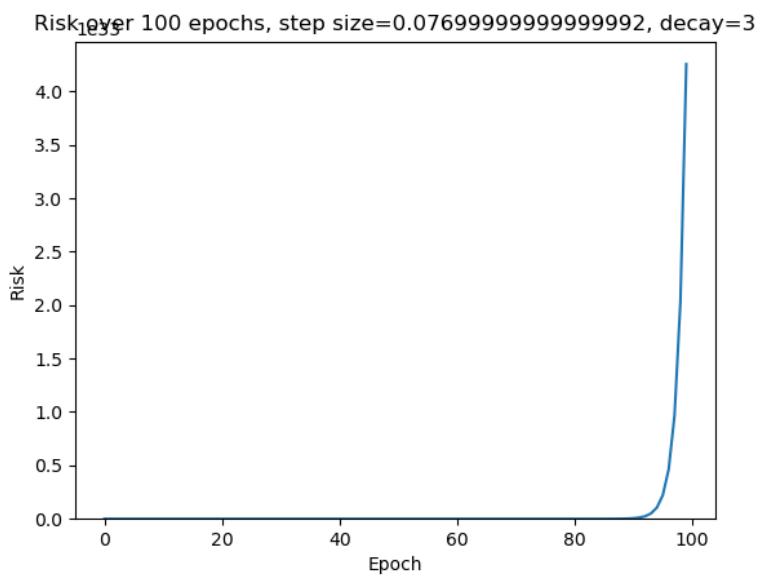
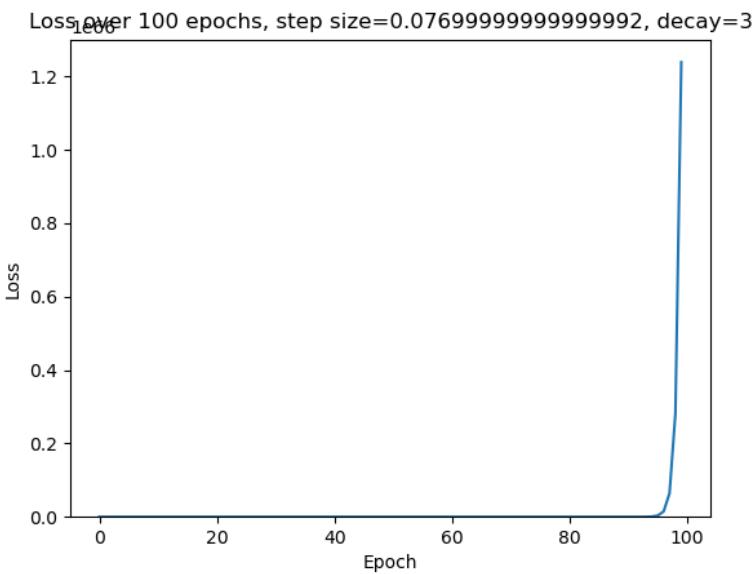


Loss₁₀₀ over 100 epochs, step size=0.0770999999999992, decay=3

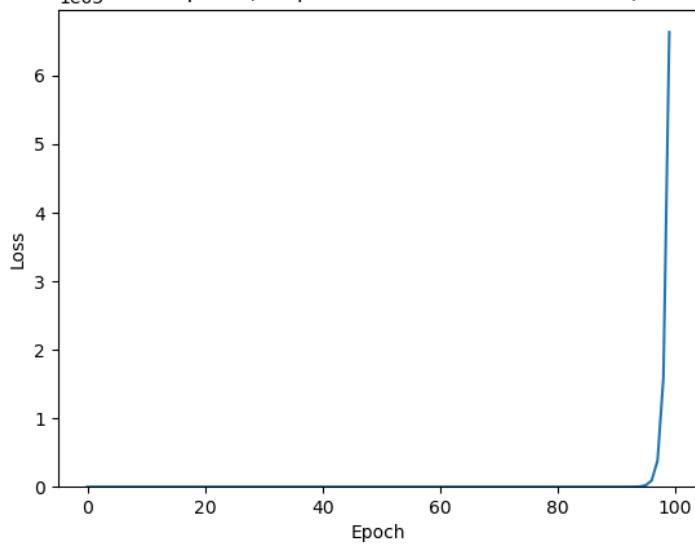


Risk₁₀₀ over 100 epochs, step size=0.0770999999999992, decay=3

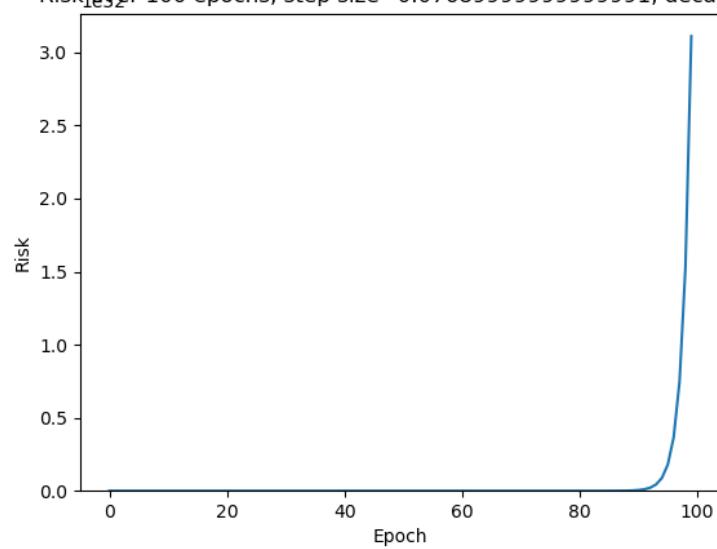


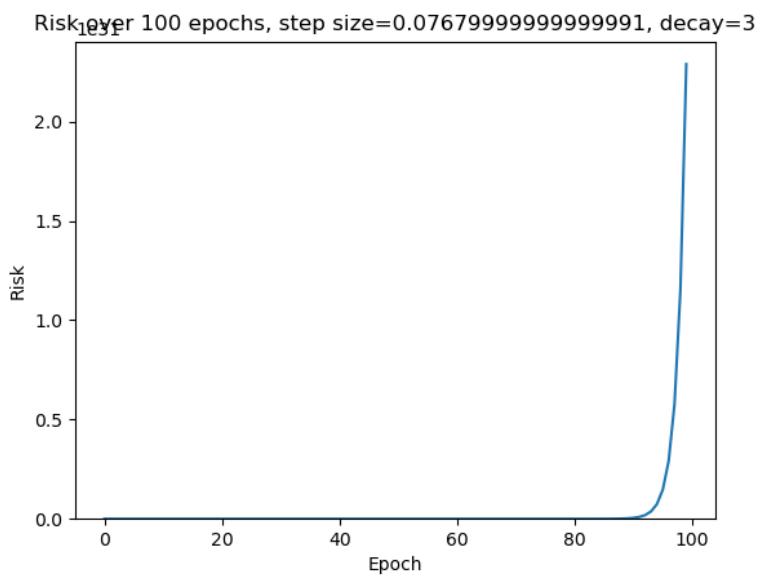
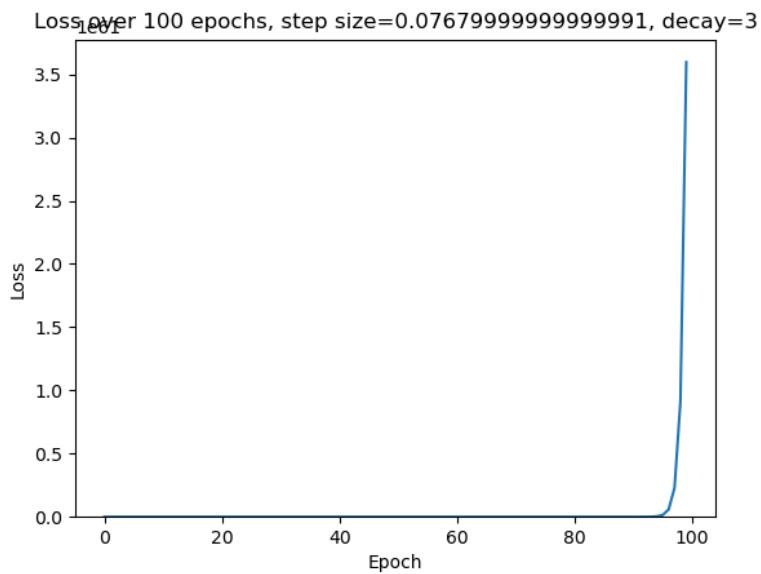


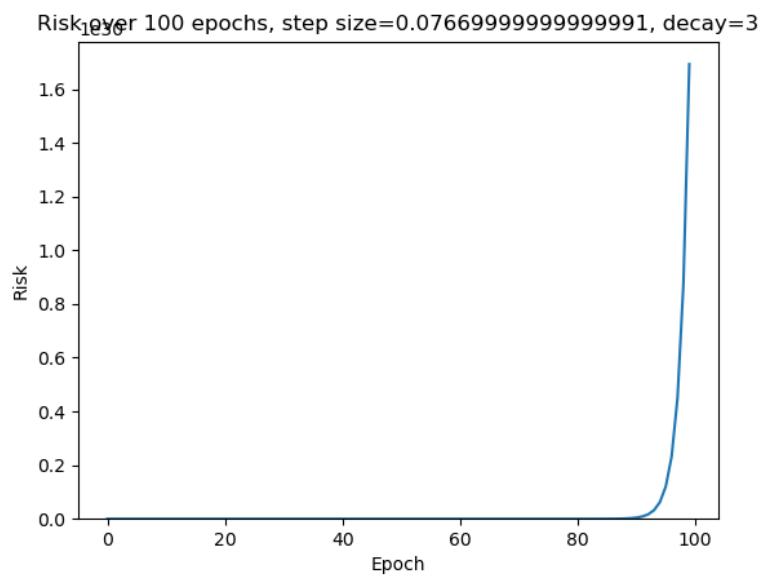
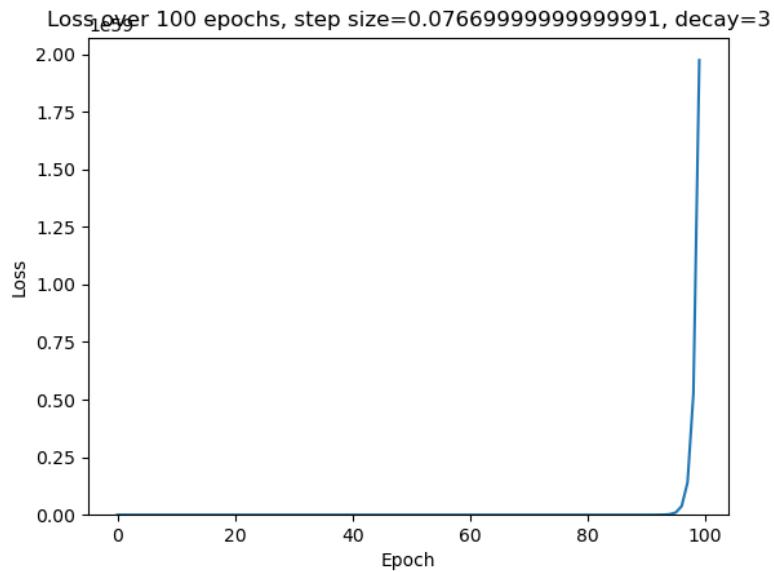
Loss₁₀₀ over 100 epochs, step size=0.07689999999999991, decay=3

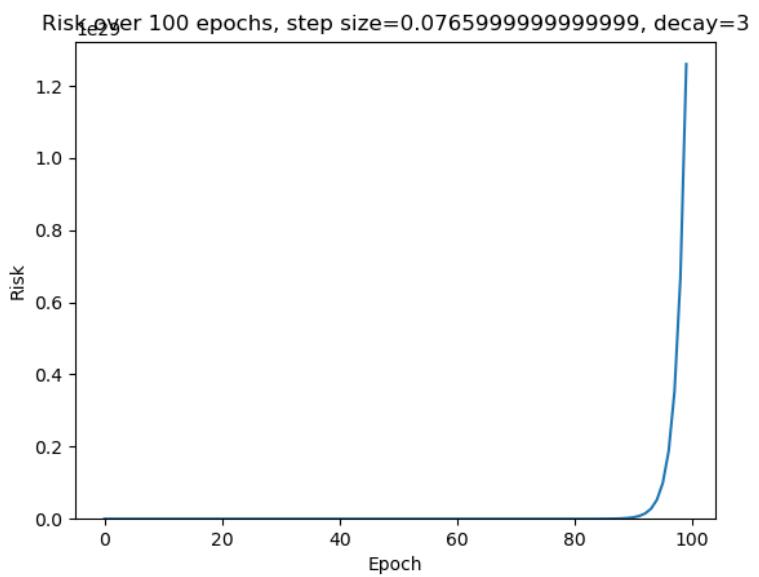
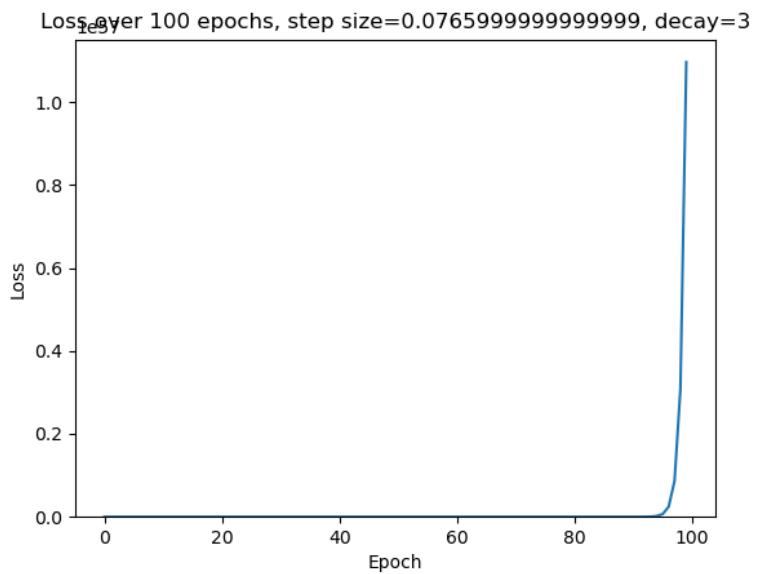


Risk₁₀₀ over 100 epochs, step size=0.07689999999999991, decay=3

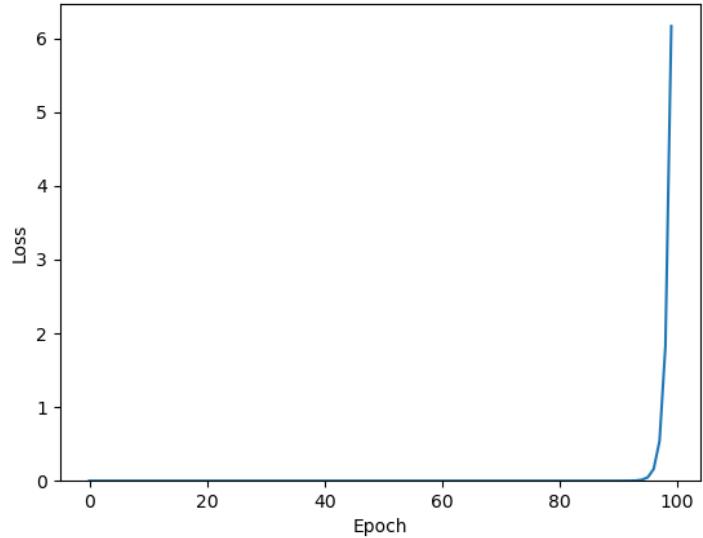




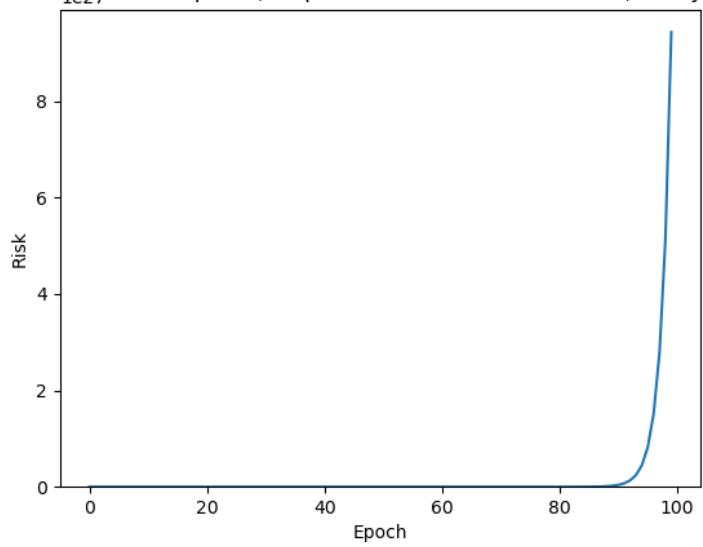


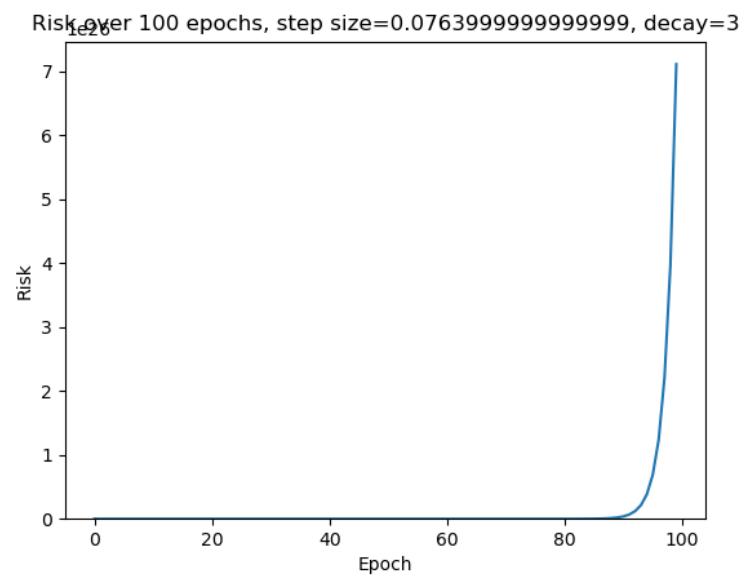
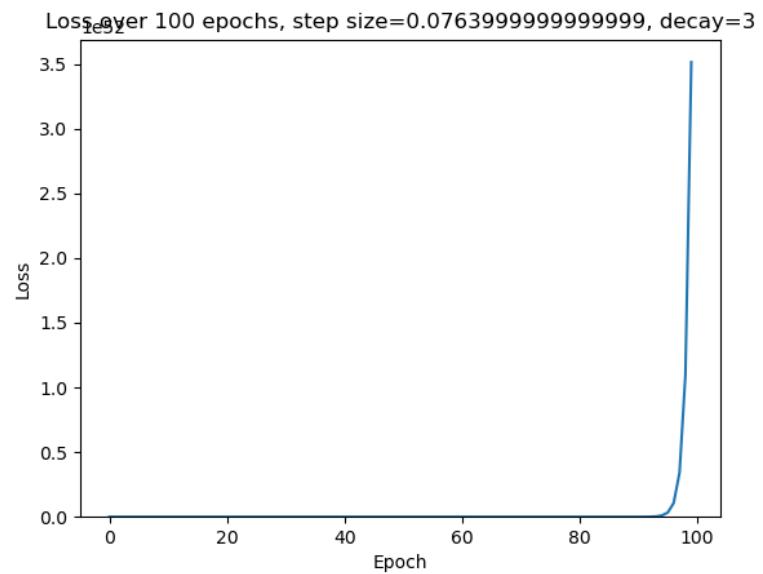


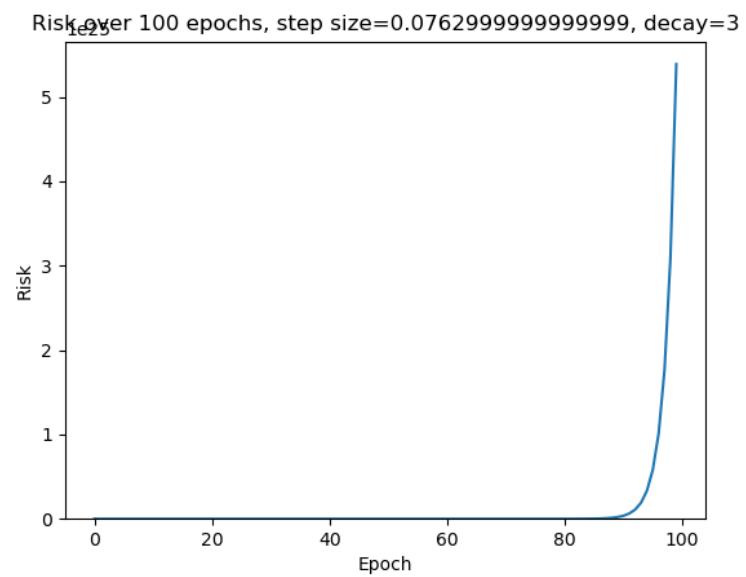
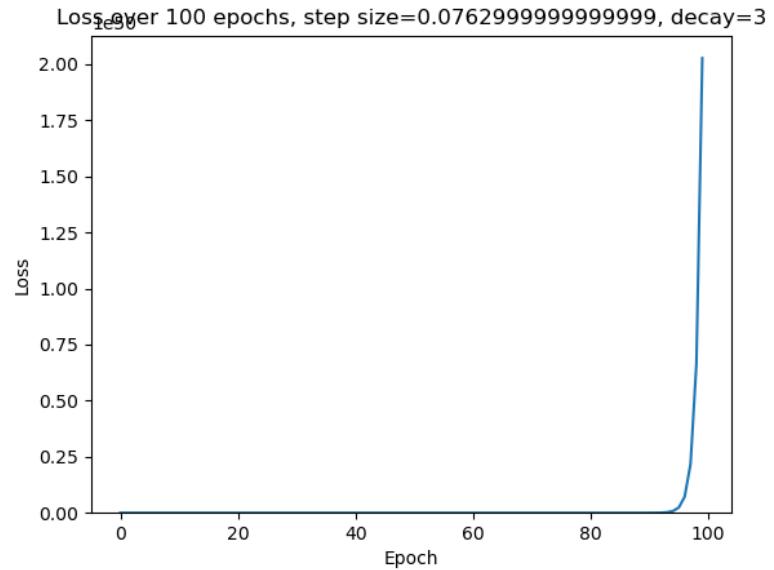
Loss over 100 epochs, step size=0.0764999999999999, decay=3

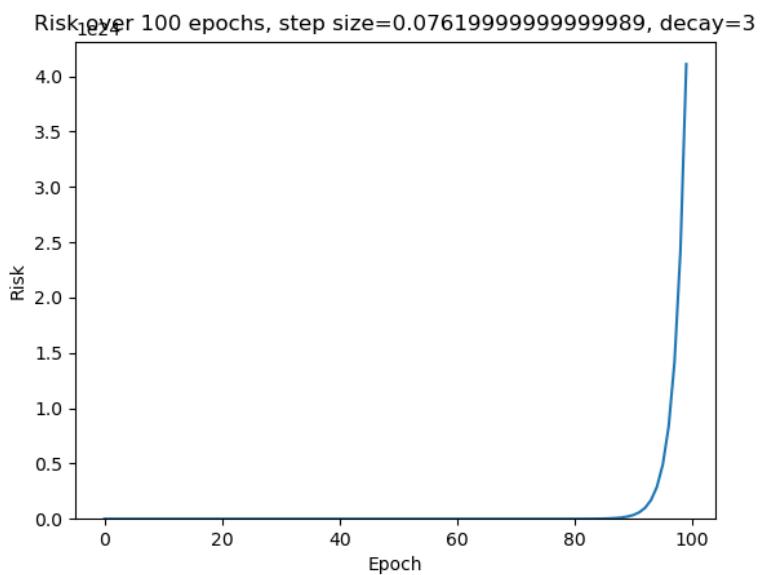
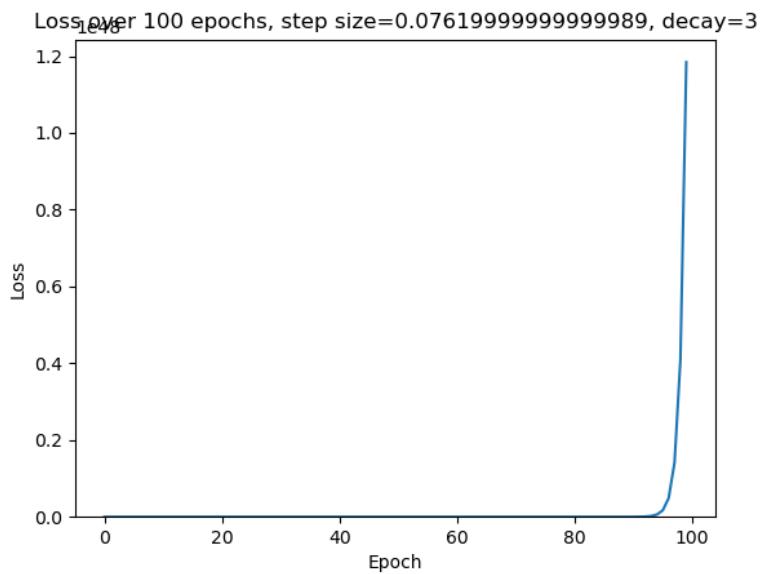


Risk over 100 epochs, step size=0.0764999999999999, decay=3

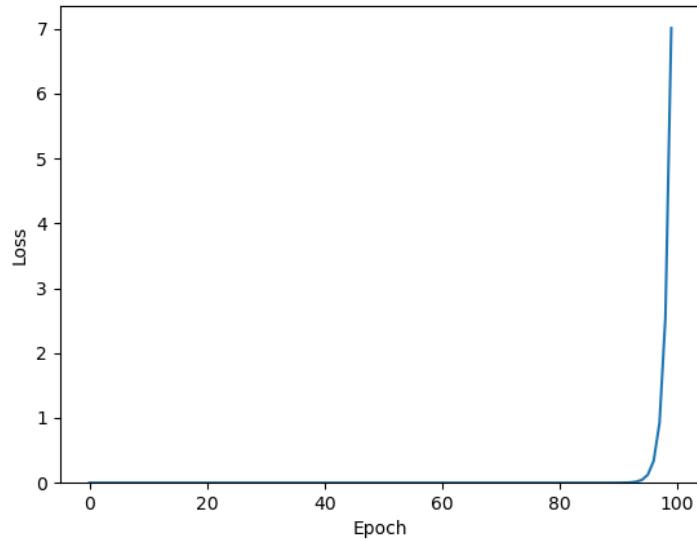




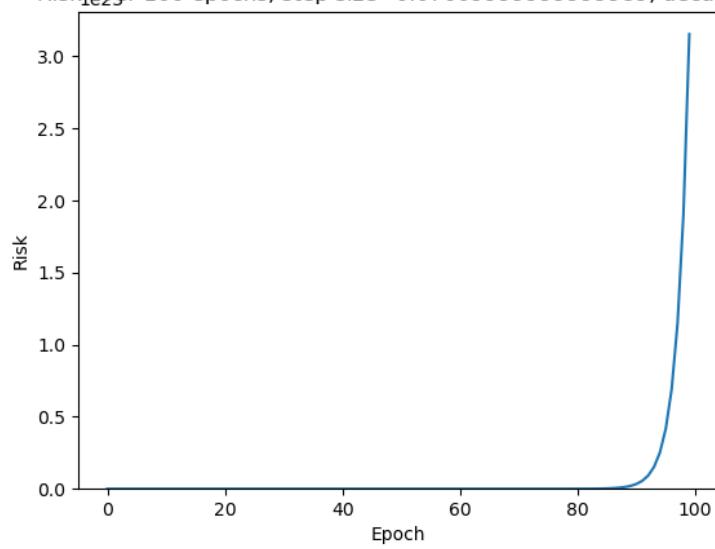


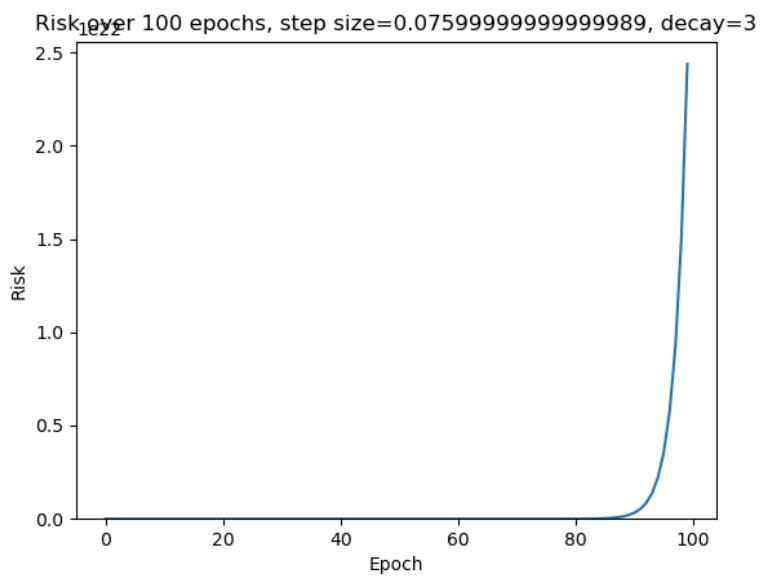
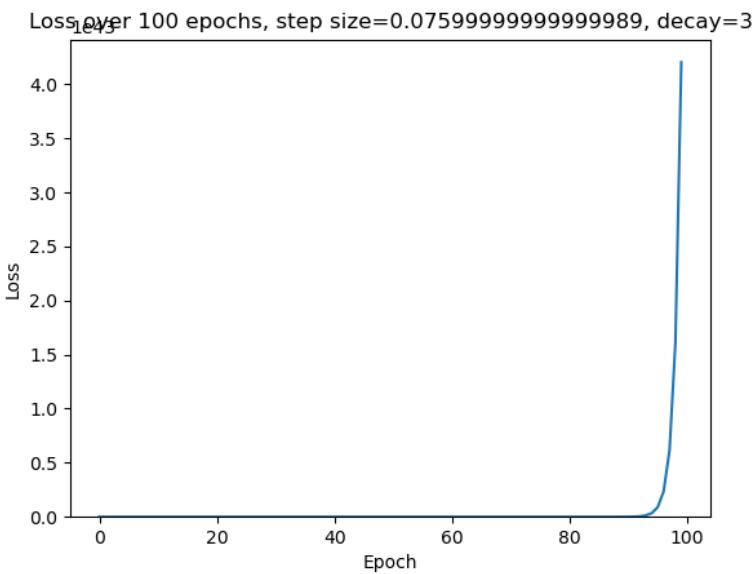


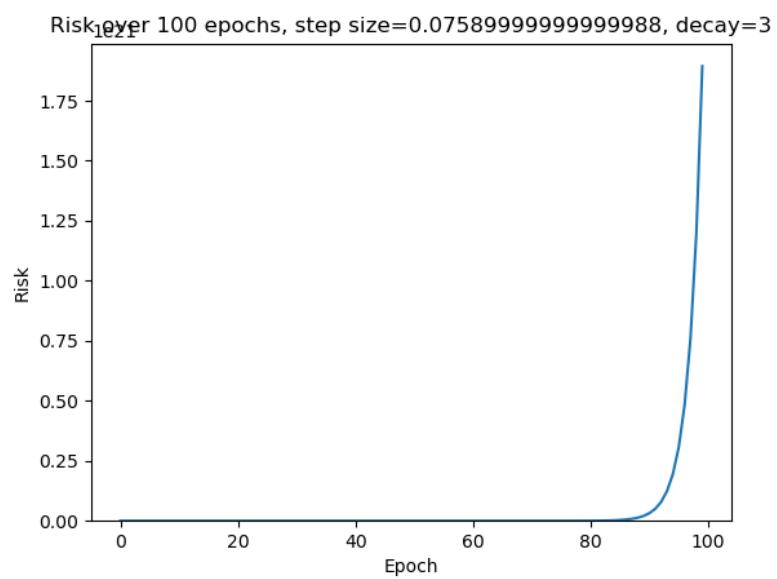
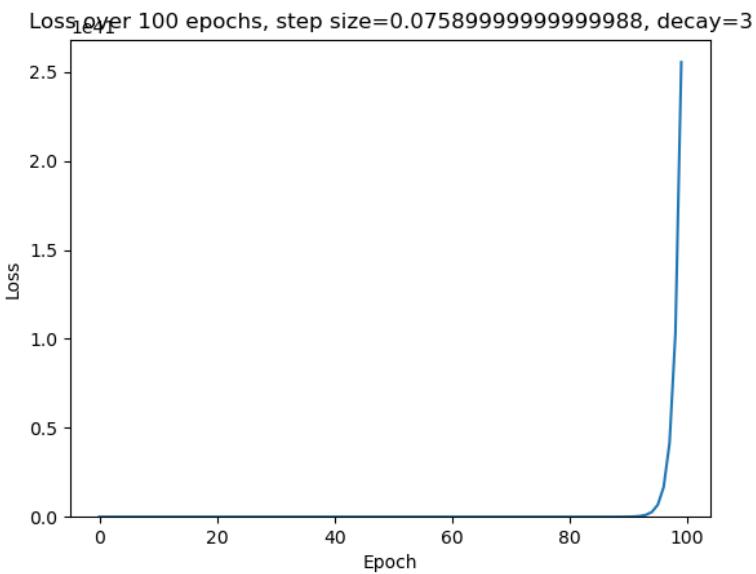
Loss₁₀₄₅ over 100 epochs, step size=0.0760999999999989, decay=3

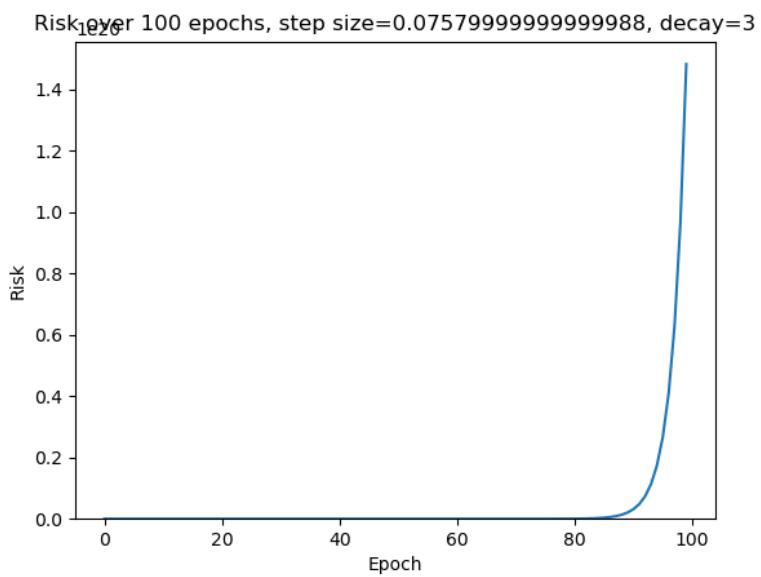
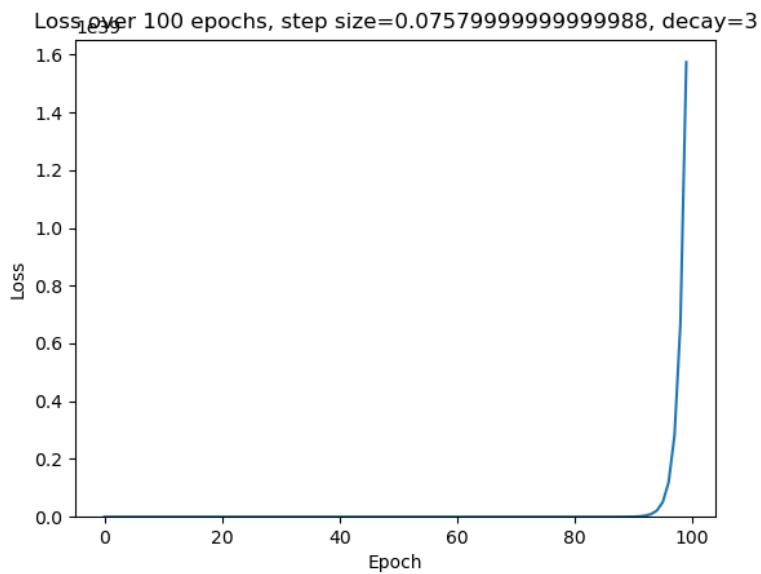


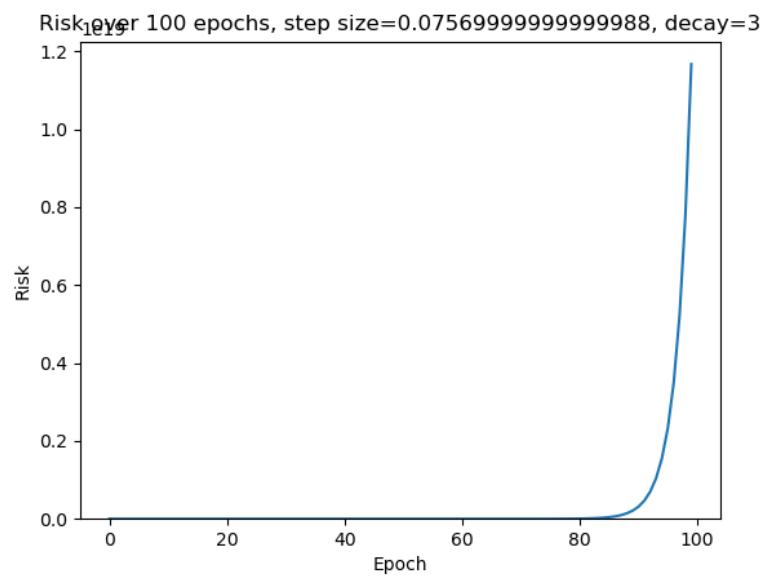
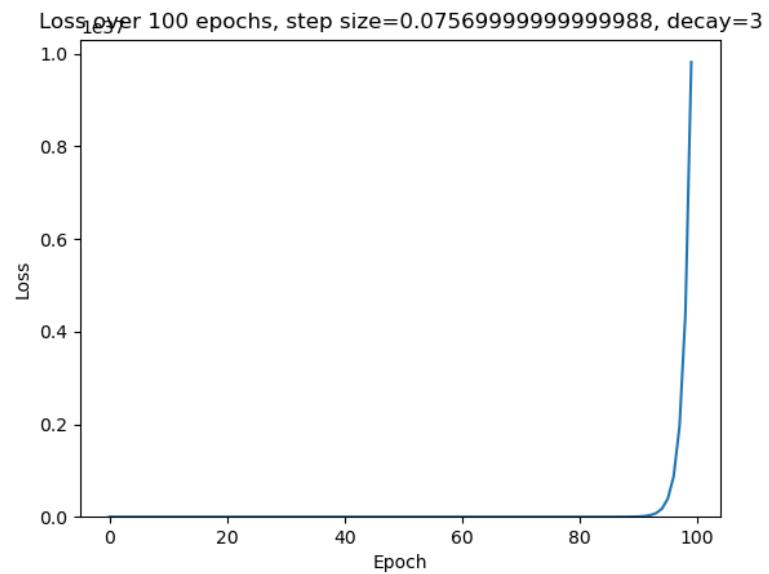
Risk₁₀₂₅ over 100 epochs, step size=0.0760999999999989, decay=3



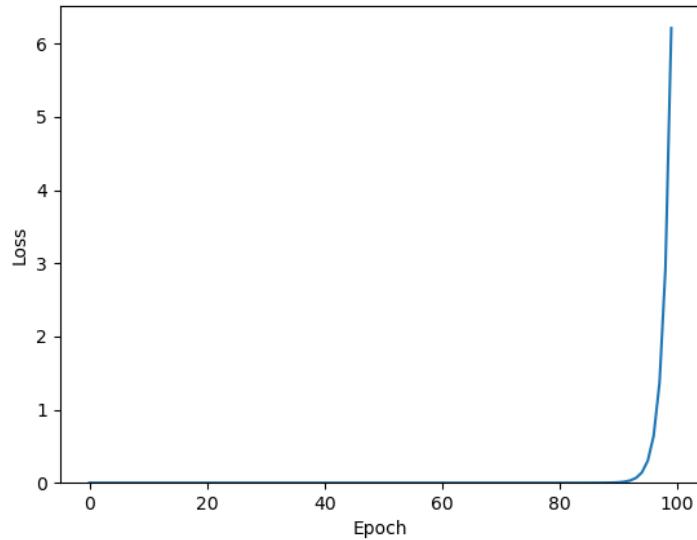




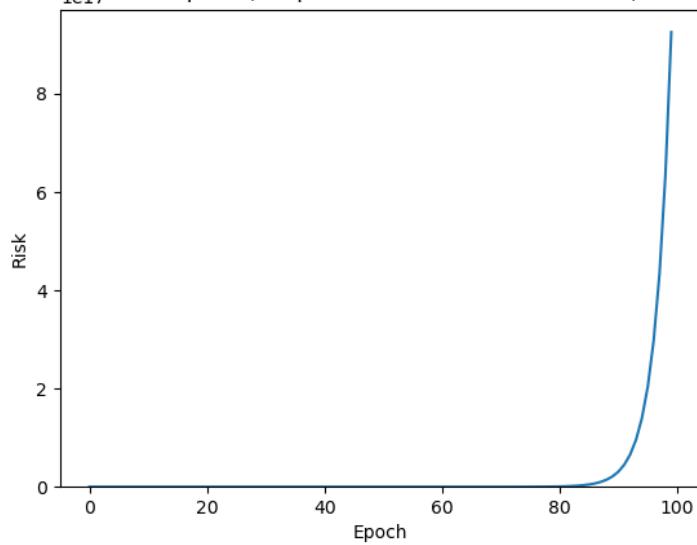


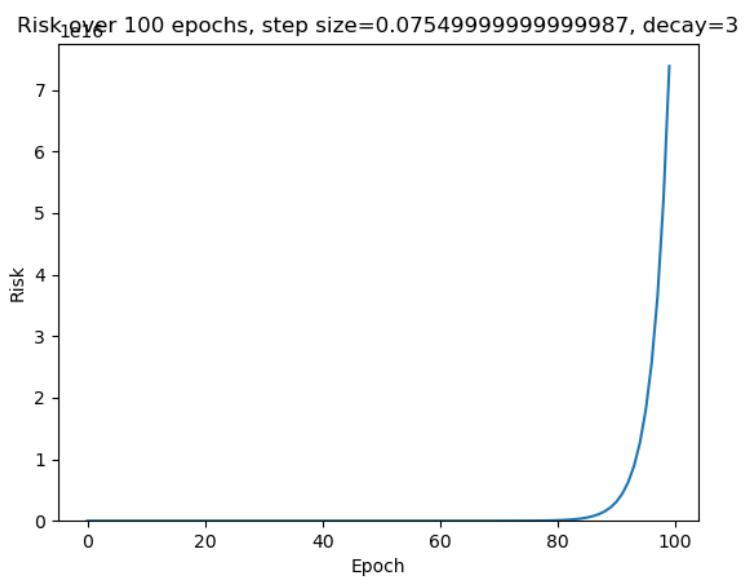
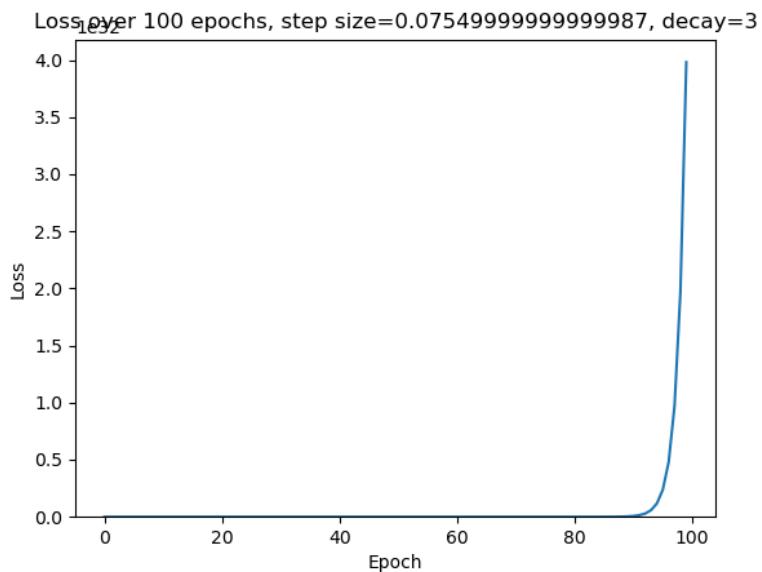


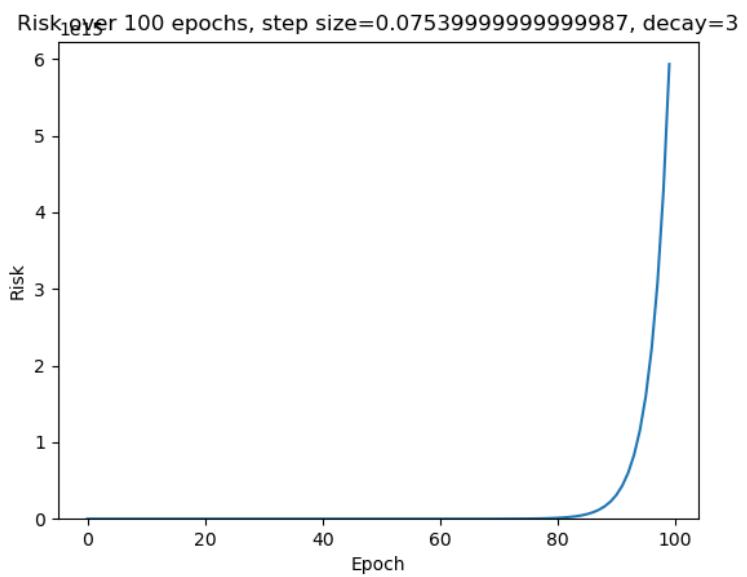
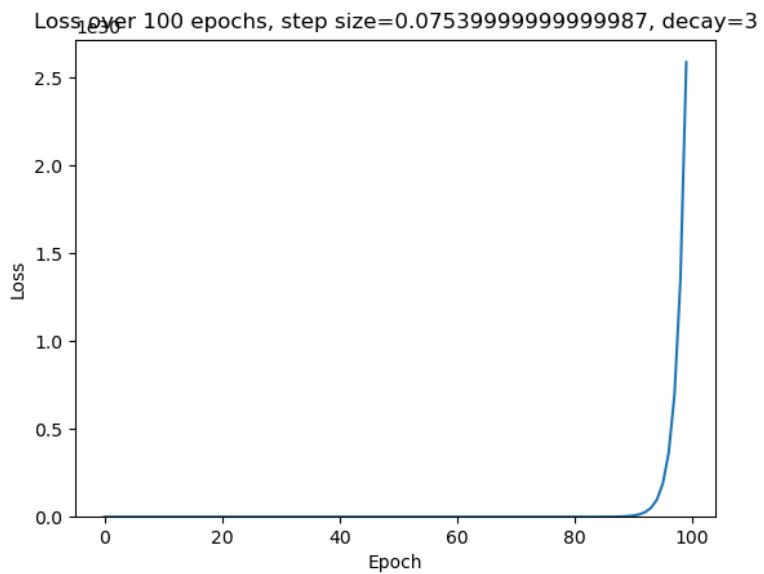
Loss_{layer} over 100 epochs, step size=0.0755999999999988, decay=3



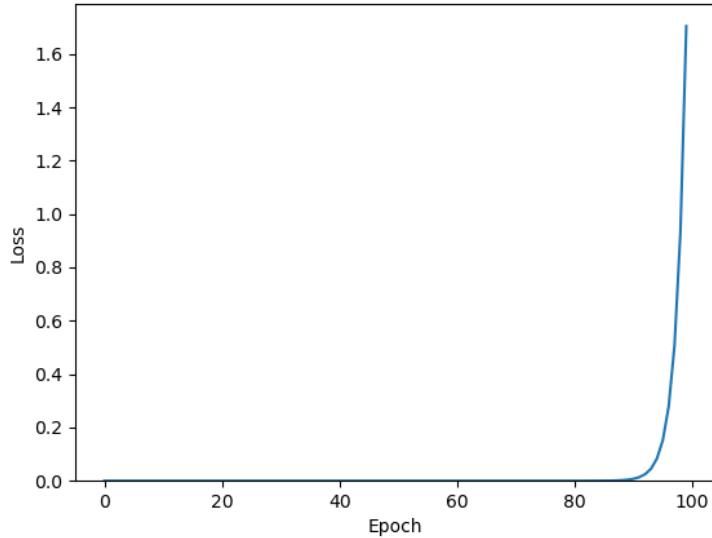
Risk_{layer} over 100 epochs, step size=0.0755999999999988, decay=3



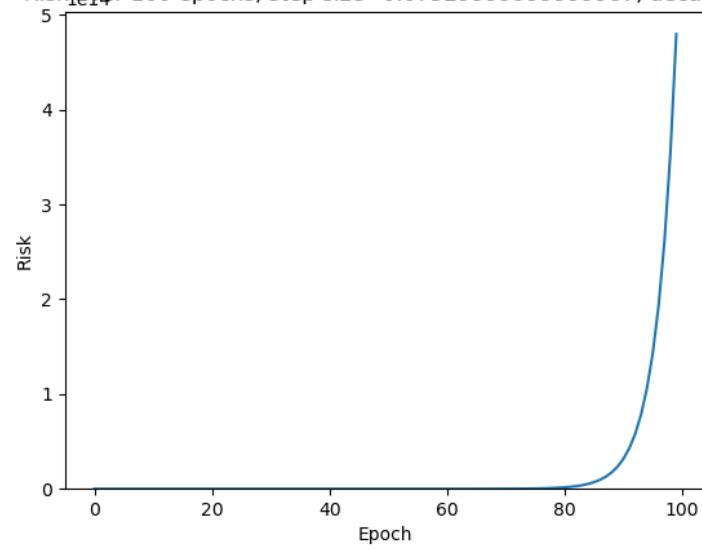




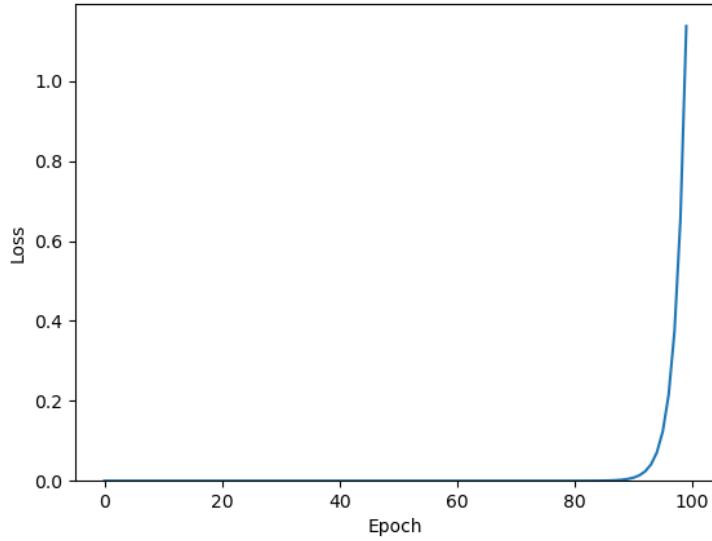
Loss₁₂₈ over 100 epochs, step size=0.0752999999999987, decay=3



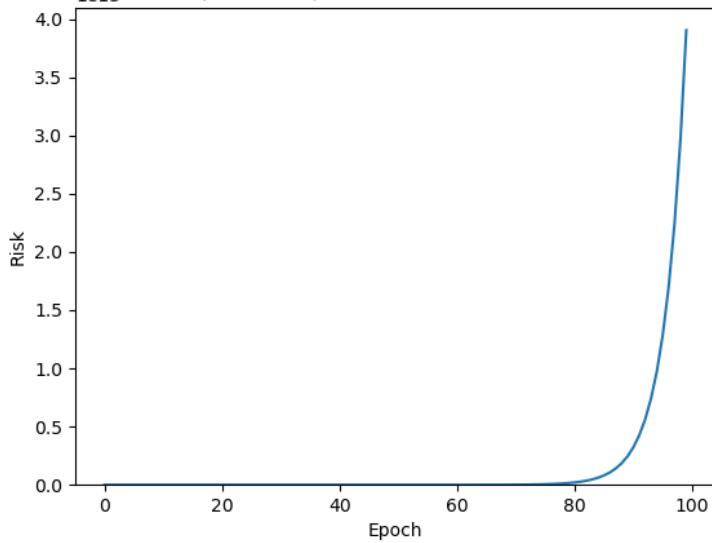
Risk₁₂₈ over 100 epochs, step size=0.0752999999999987, decay=3

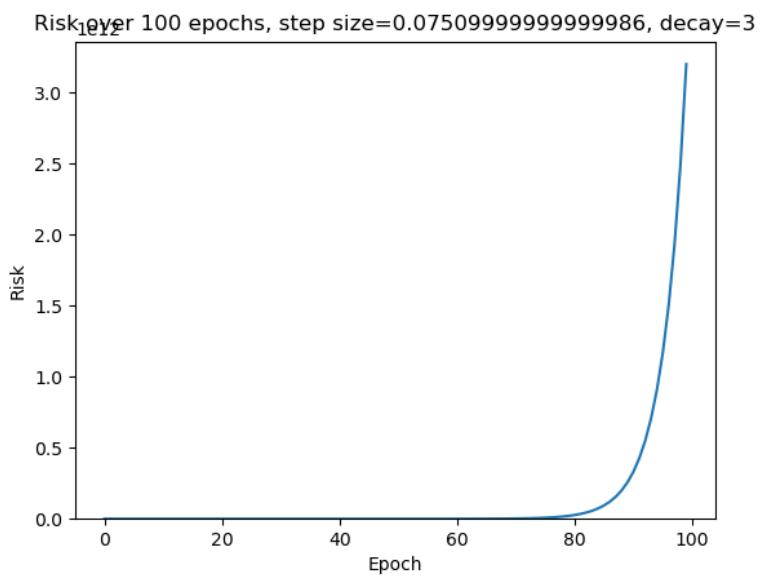
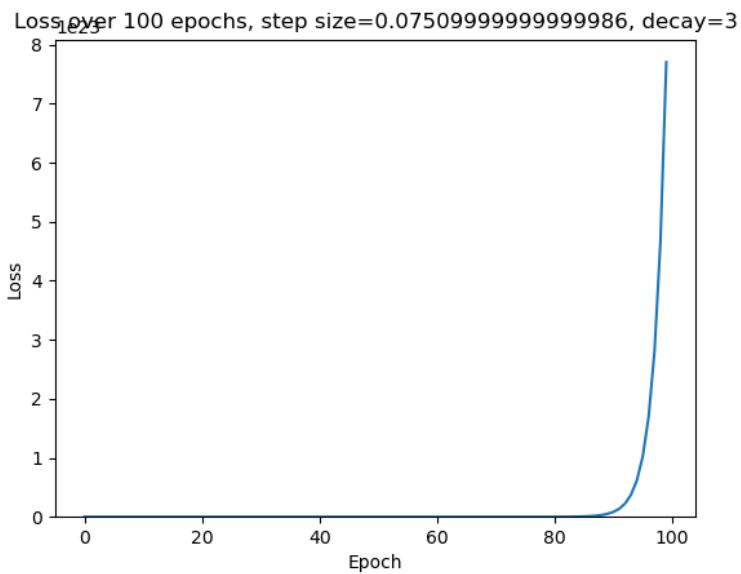


Loss₁₂₆ over 100 epochs, step size=0.0751999999999986, decay=3

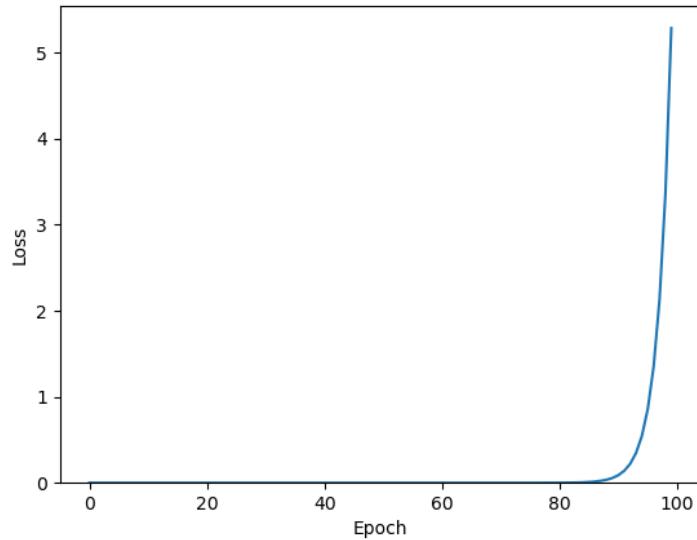


Risk₁₀₅ over 100 epochs, step size=0.0751999999999986, decay=3

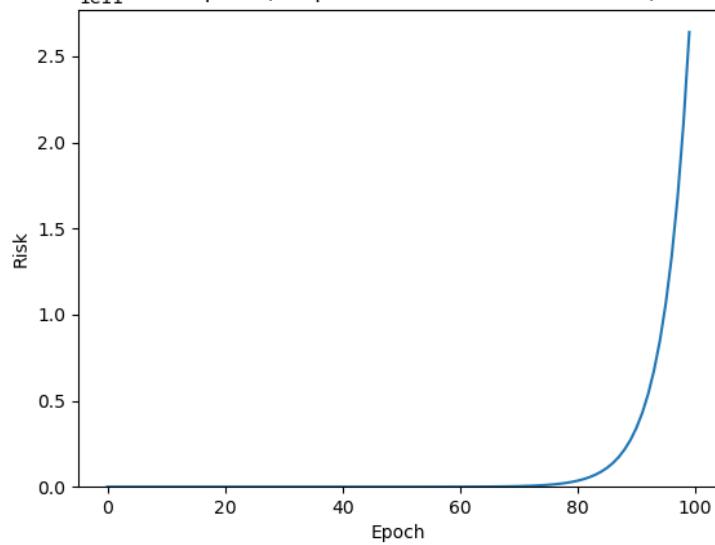


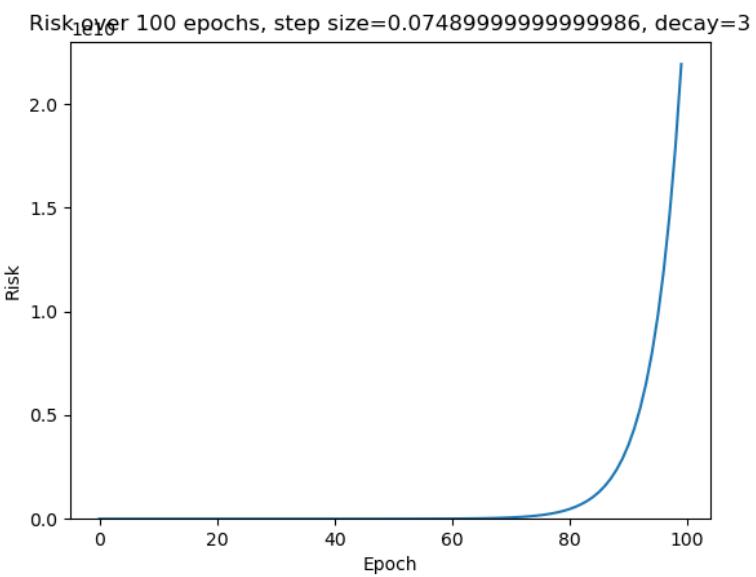
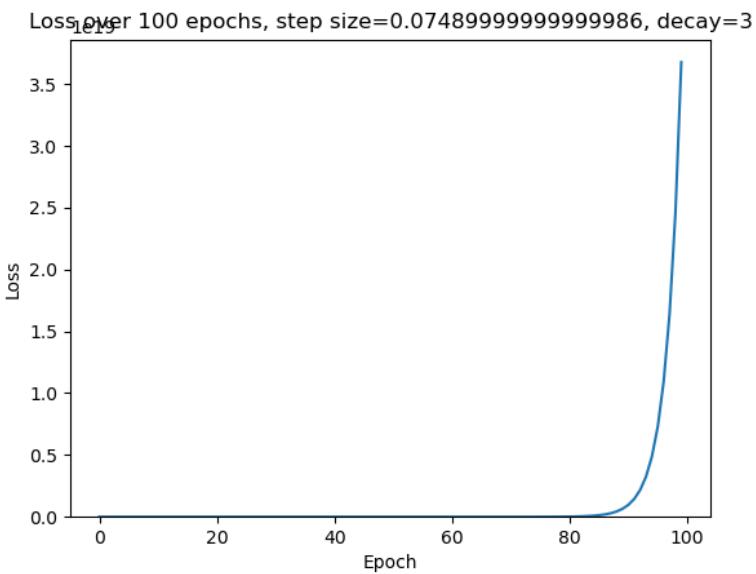


Loss₁₂₁ over 100 epochs, step size=0.074999999999986, decay=3

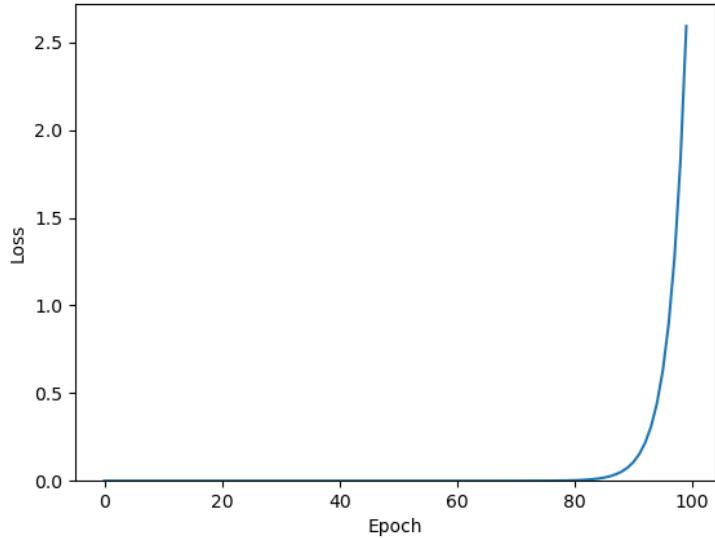


Risk₁₂₁ over 100 epochs, step size=0.074999999999986, decay=3

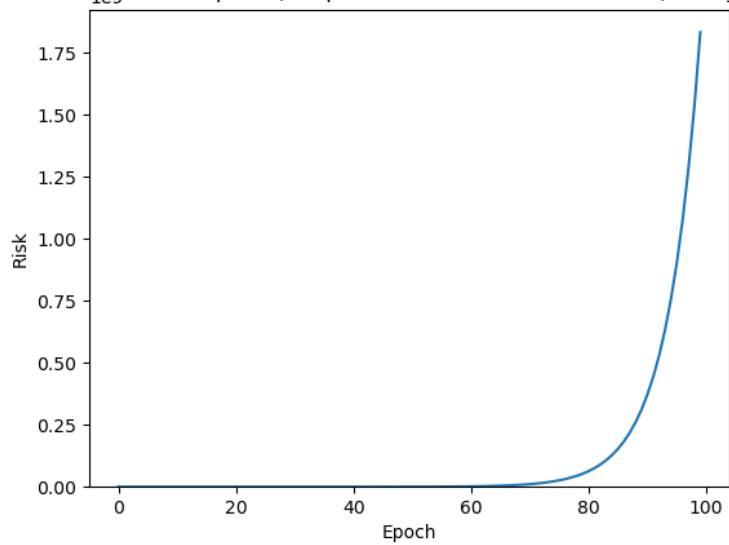


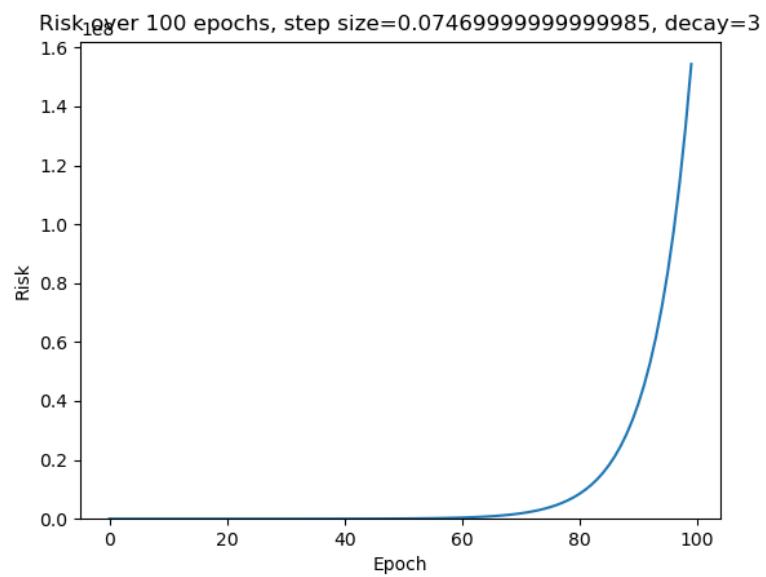
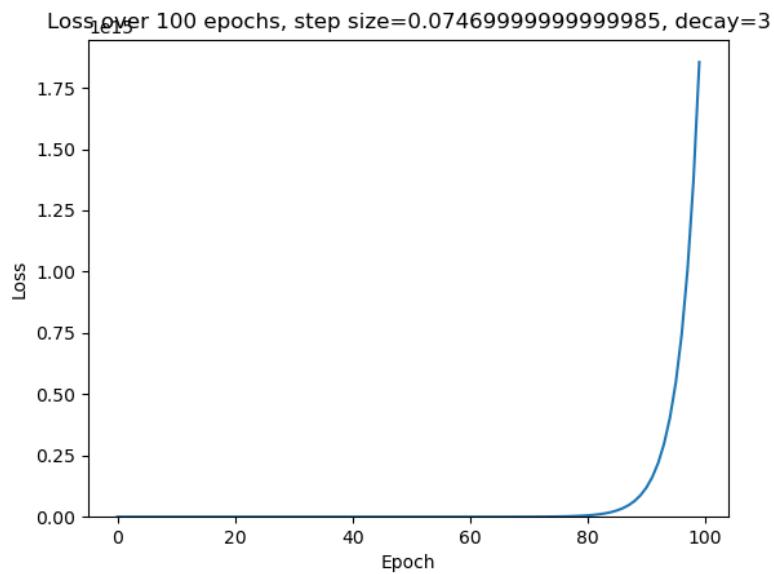


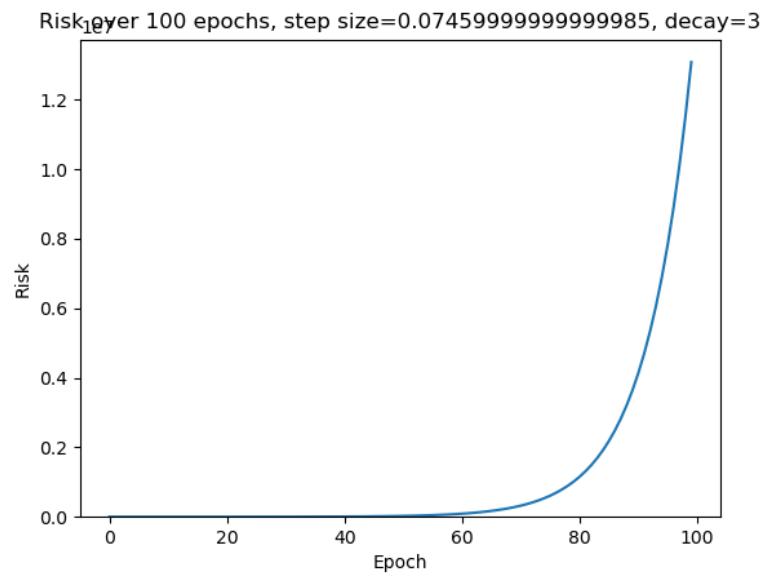
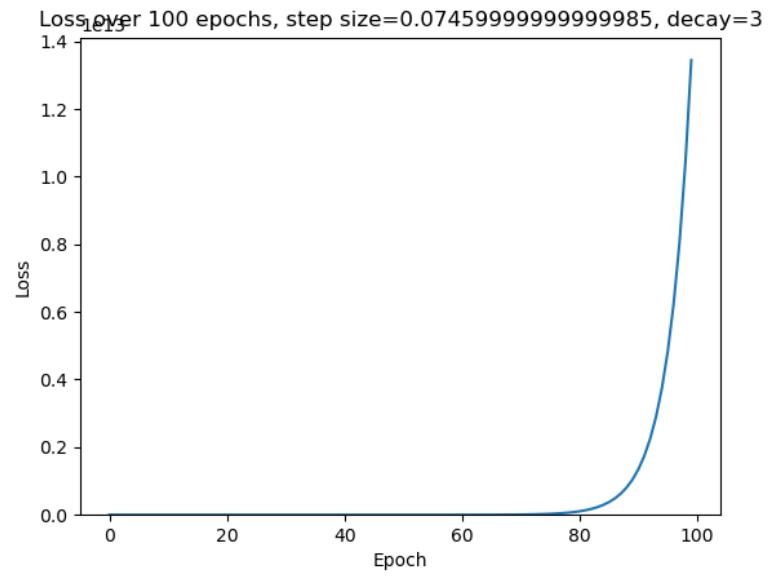
Loss₁₀ over 100 epochs, step size=0.0747999999999985, decay=3

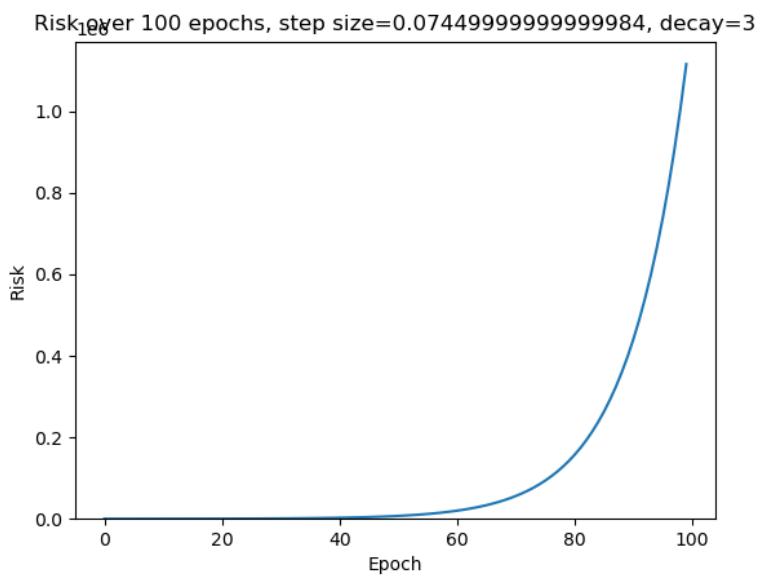
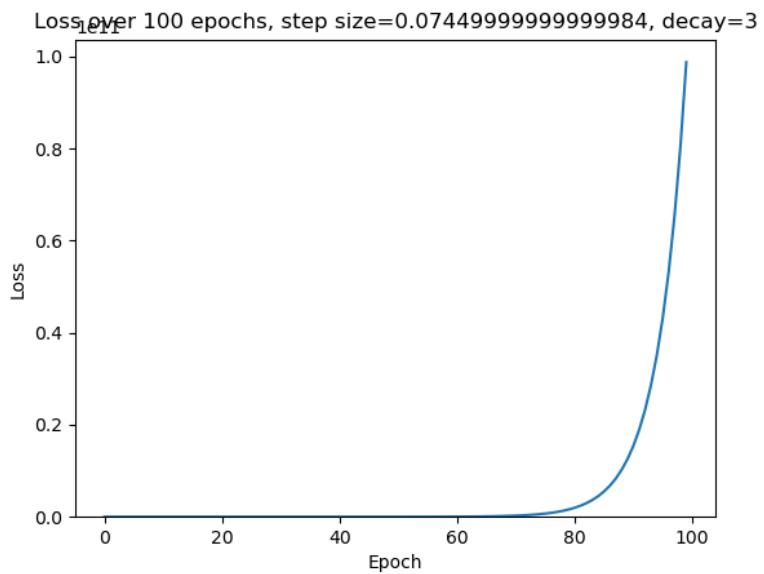


Risk₁₀ over 100 epochs, step size=0.0747999999999985, decay=3

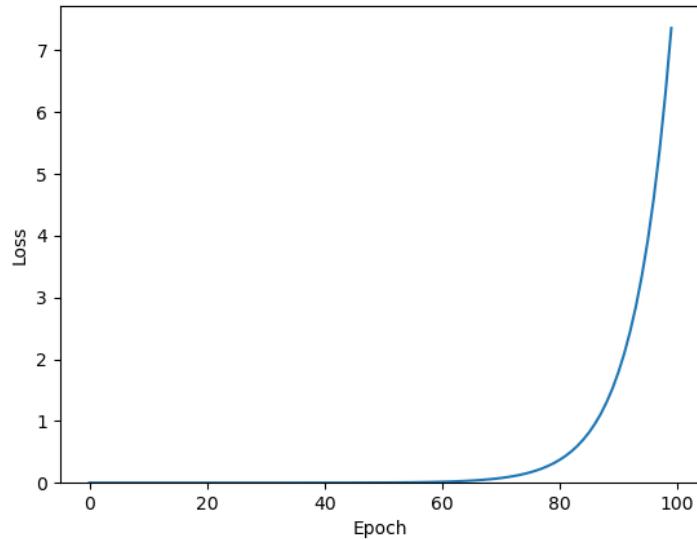




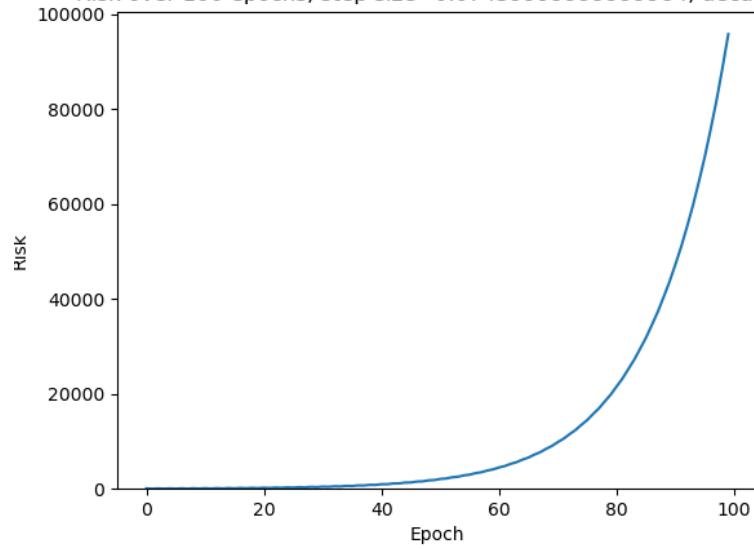




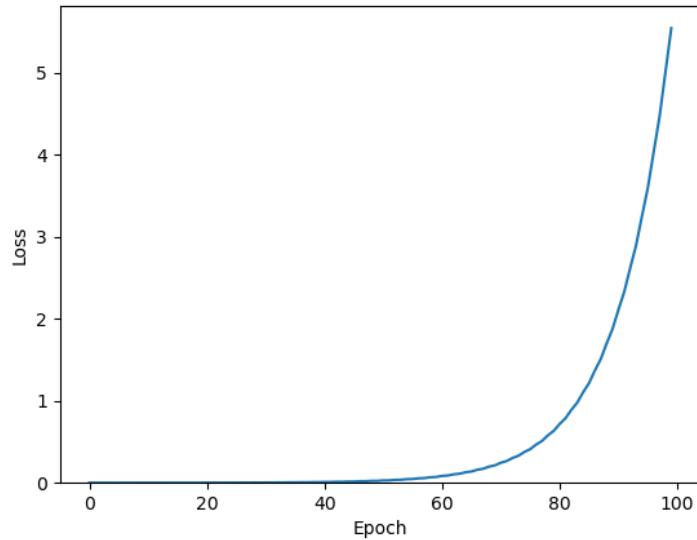
Loss over 100 epochs, step size=0.074399999999984, decay=3



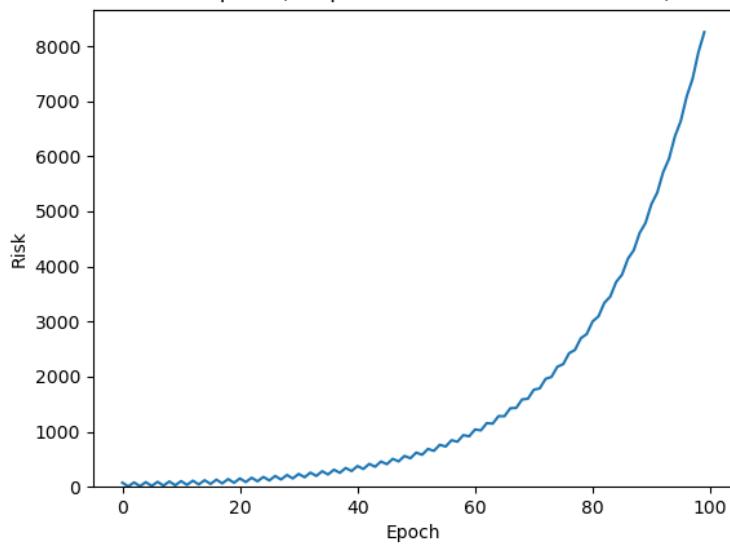
Risk over 100 epochs, step size=0.074399999999984, decay=3

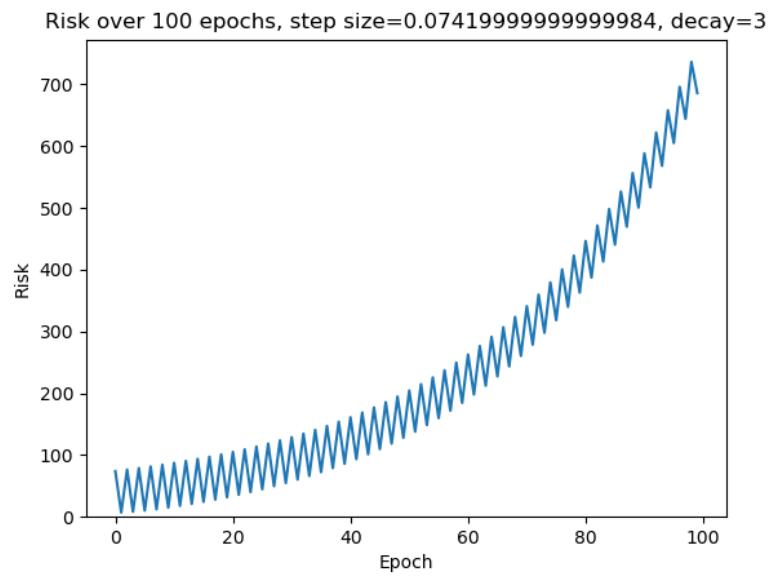
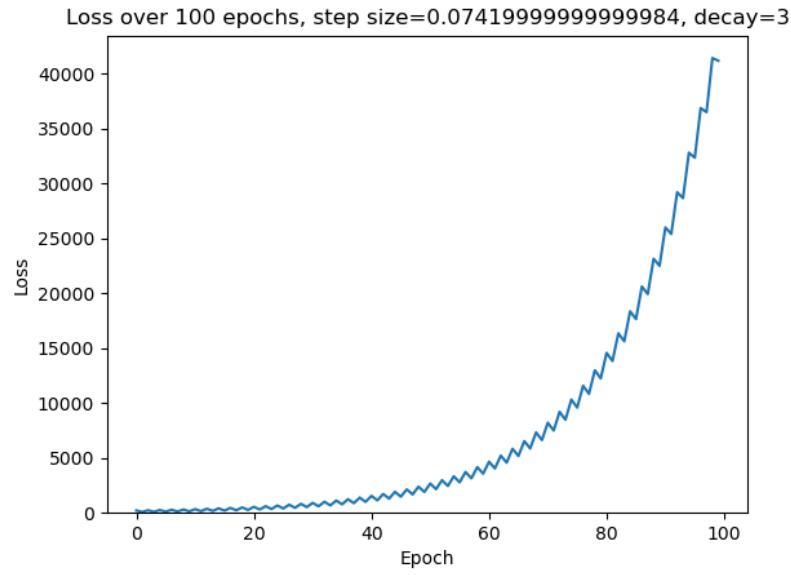


Loss over 100 epochs, step size=0.074299999999984, decay=3

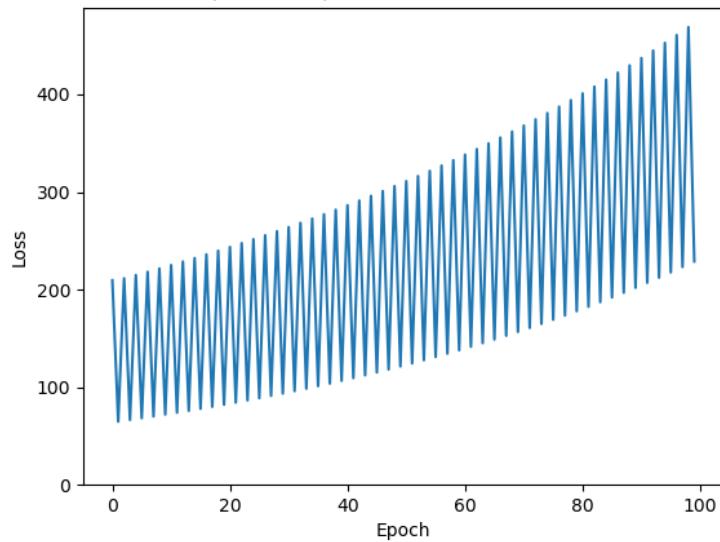


Risk over 100 epochs, step size=0.074299999999984, decay=3

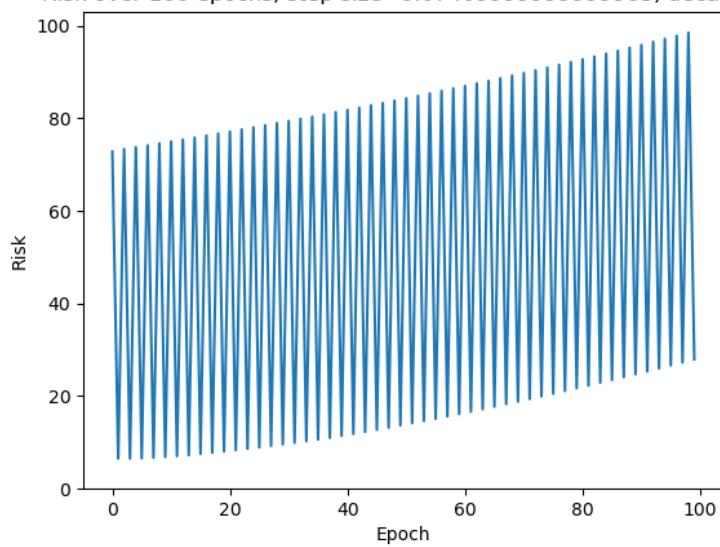


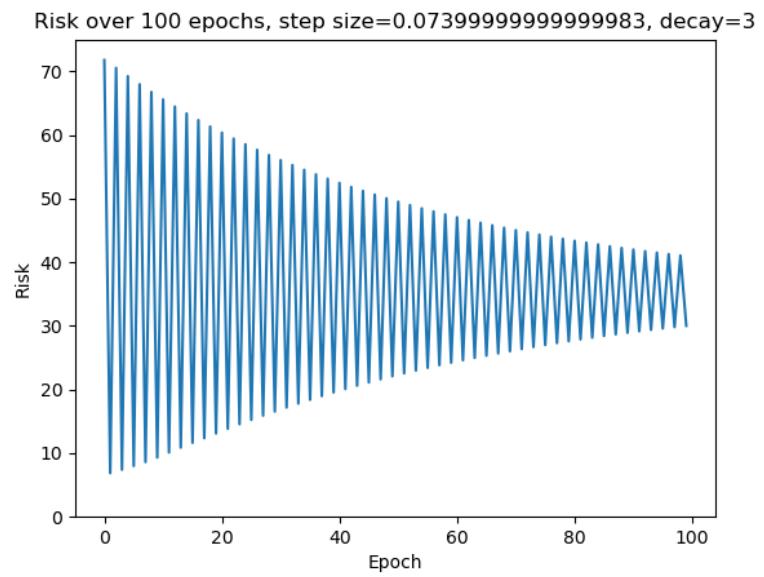
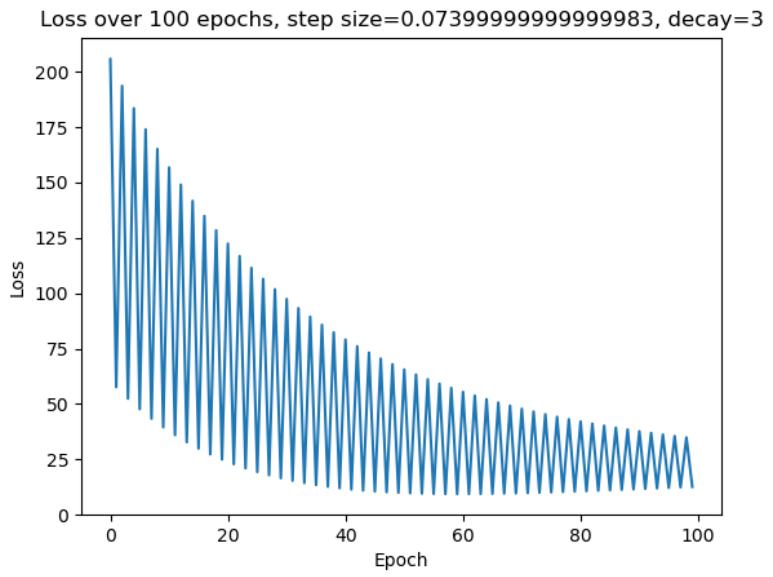


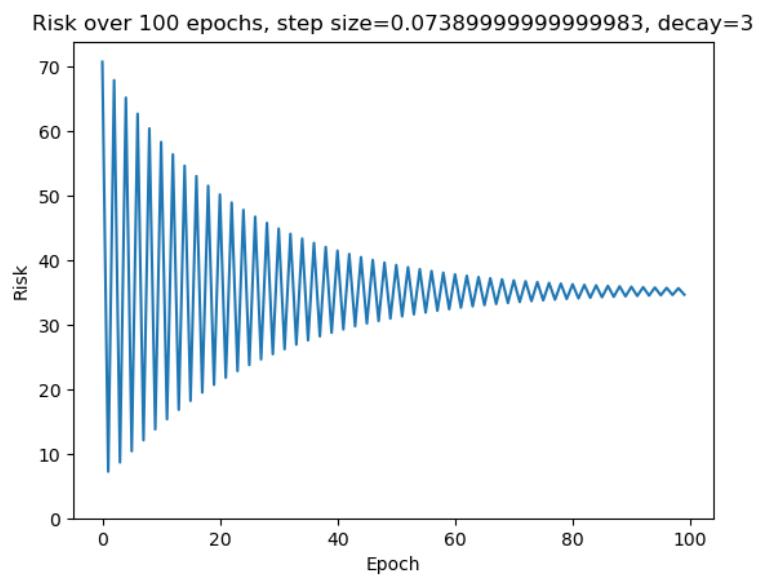
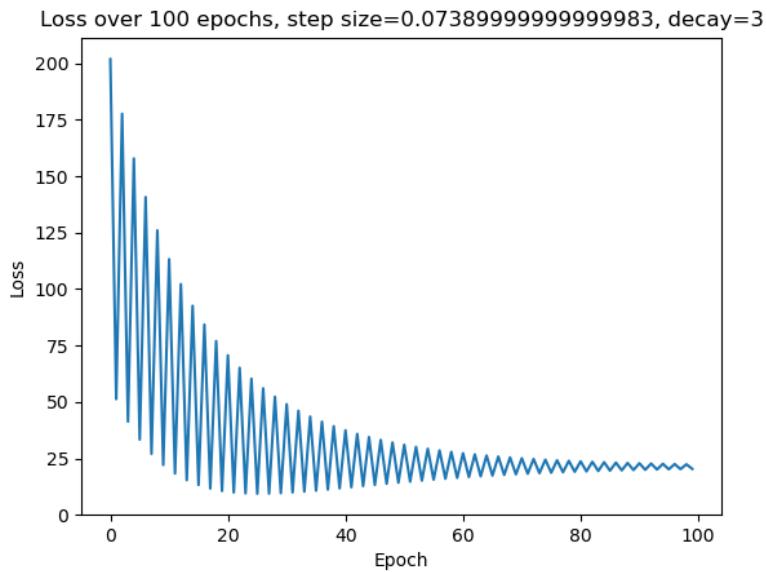
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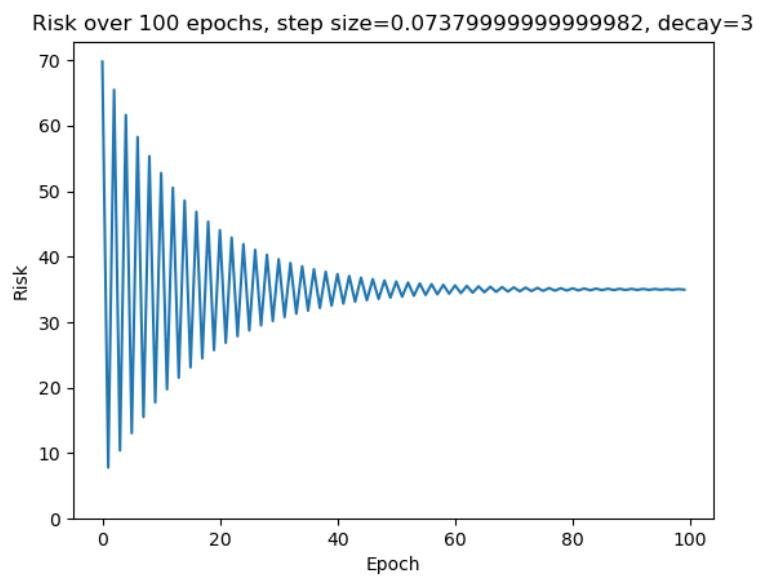
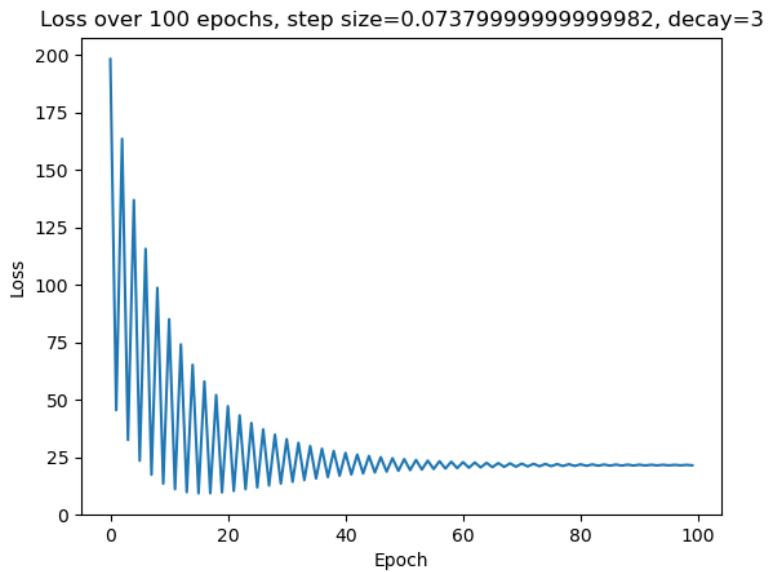


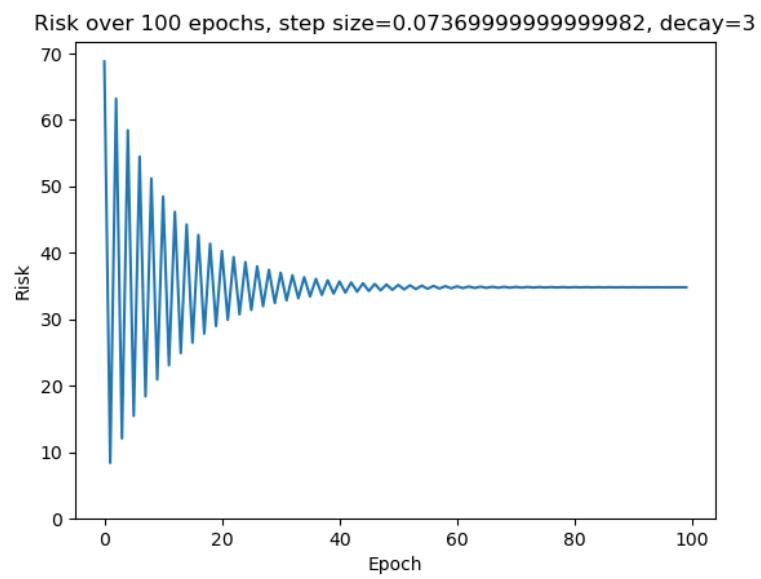
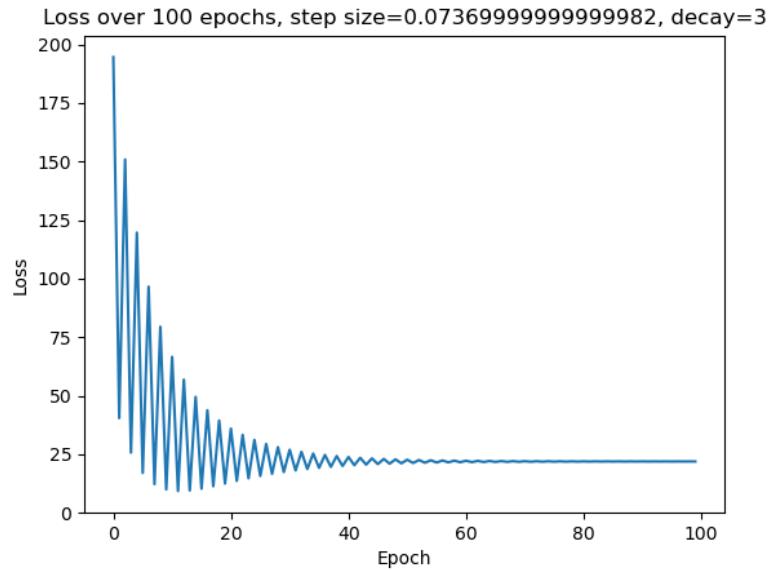
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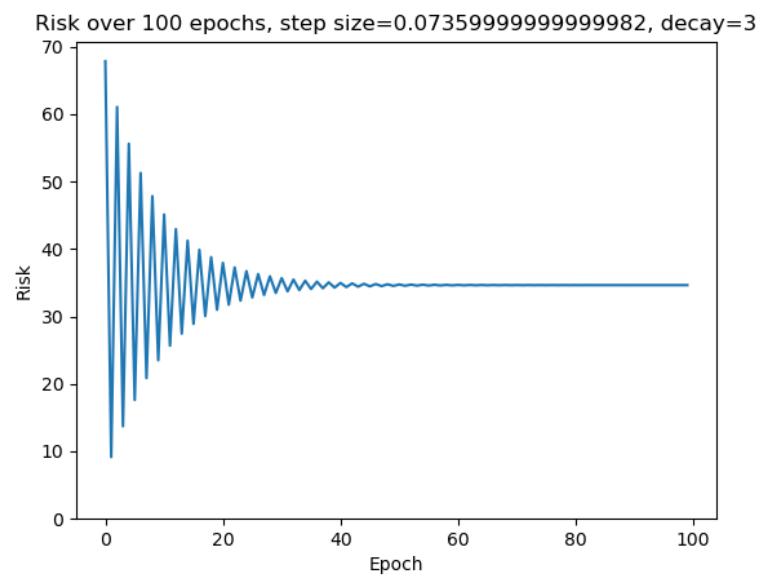
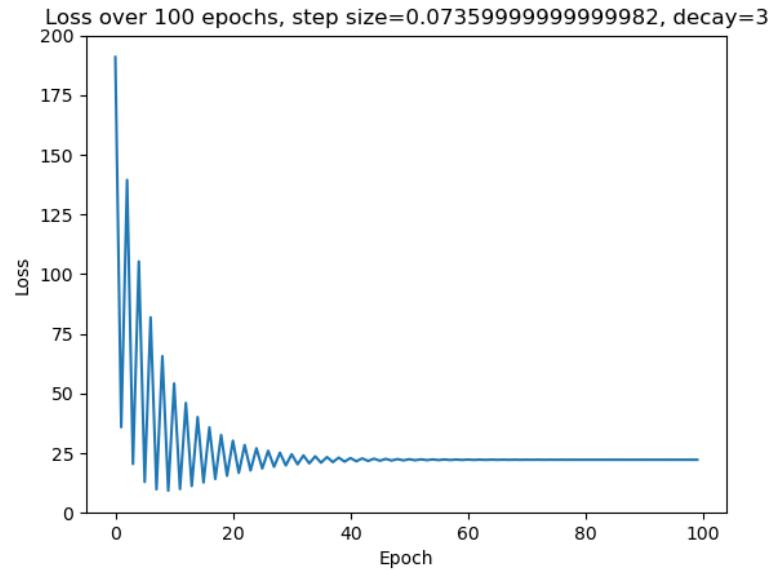




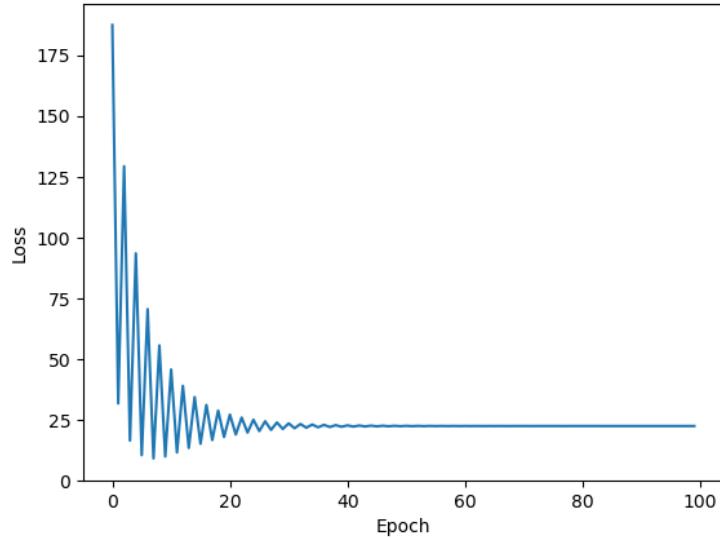




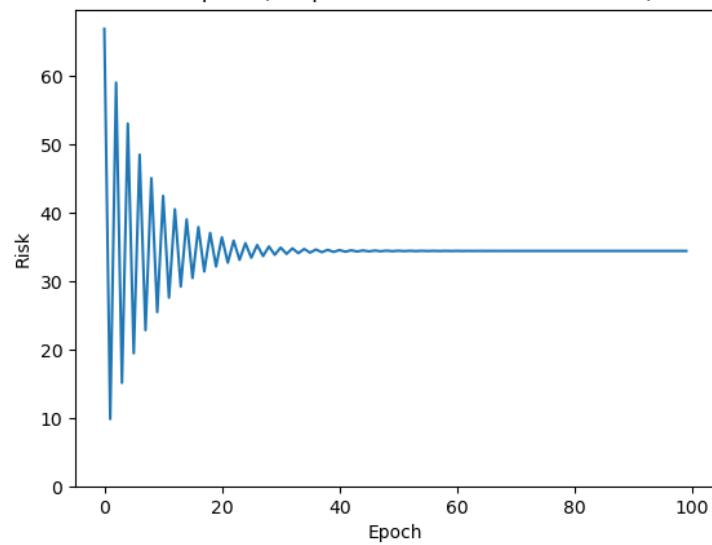




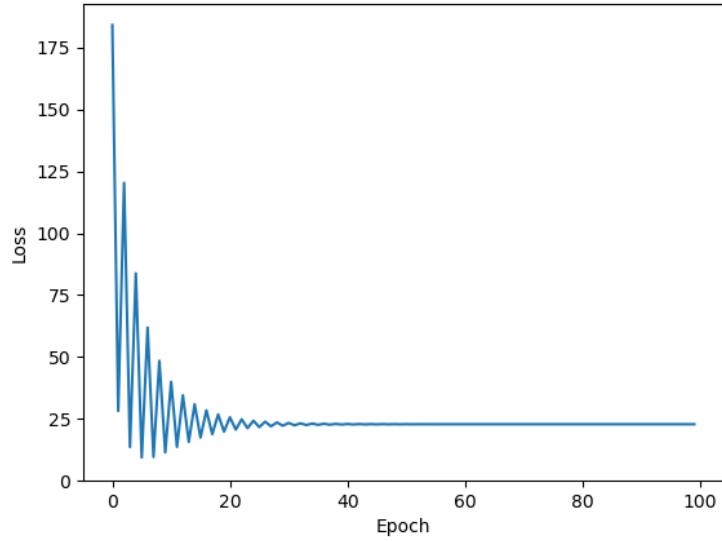
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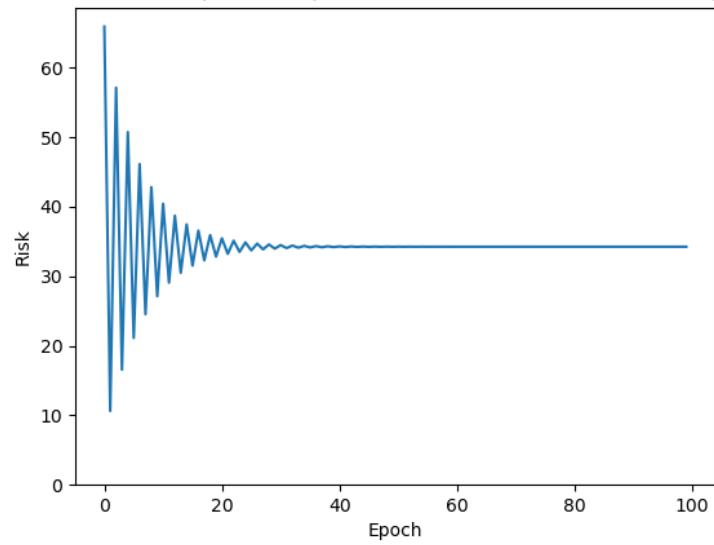
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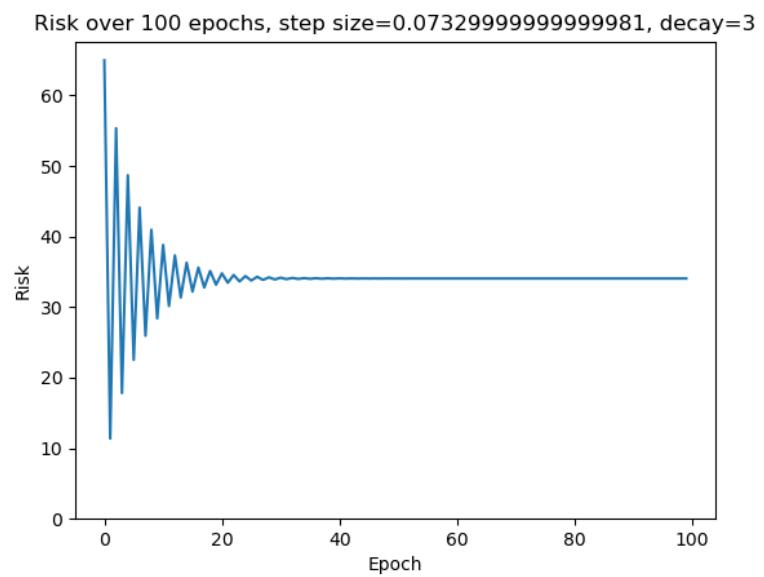
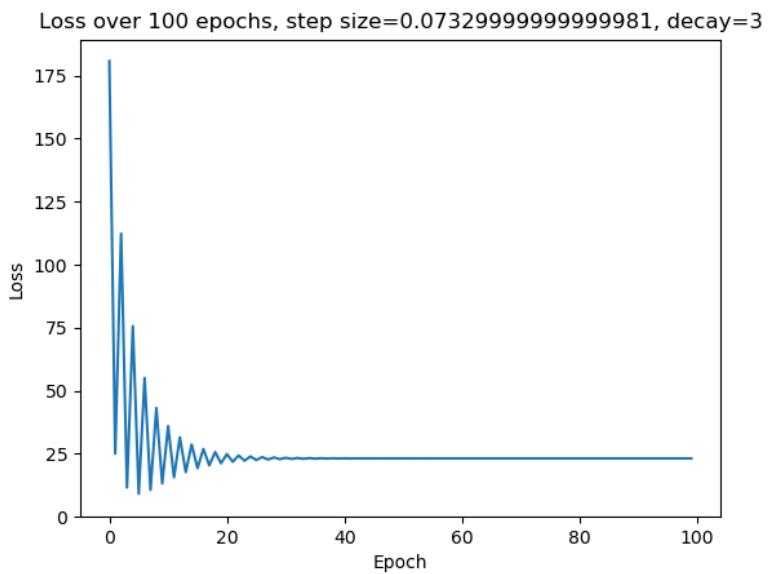


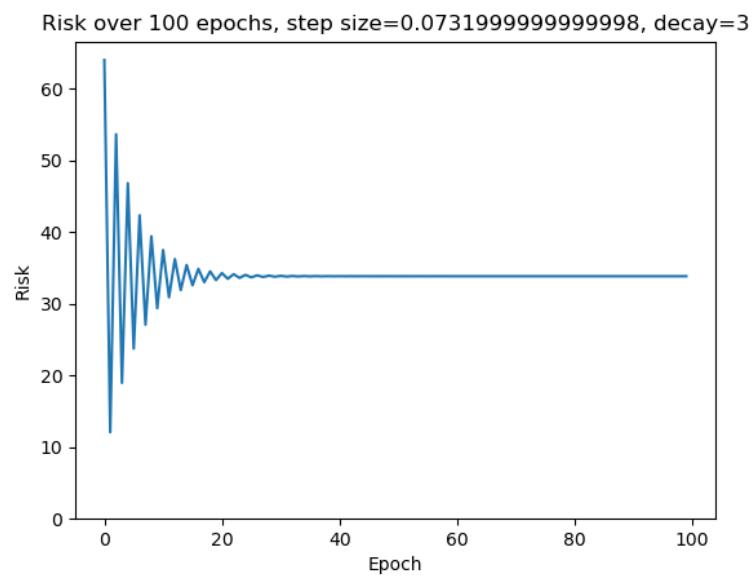
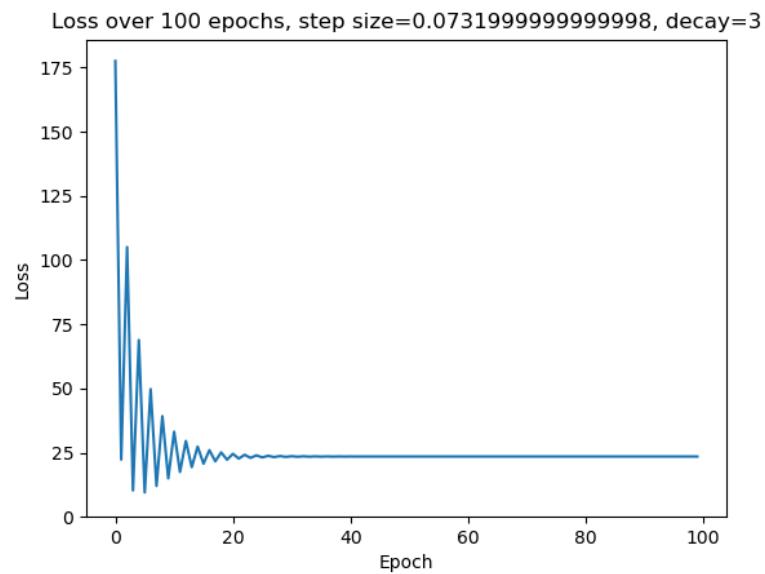
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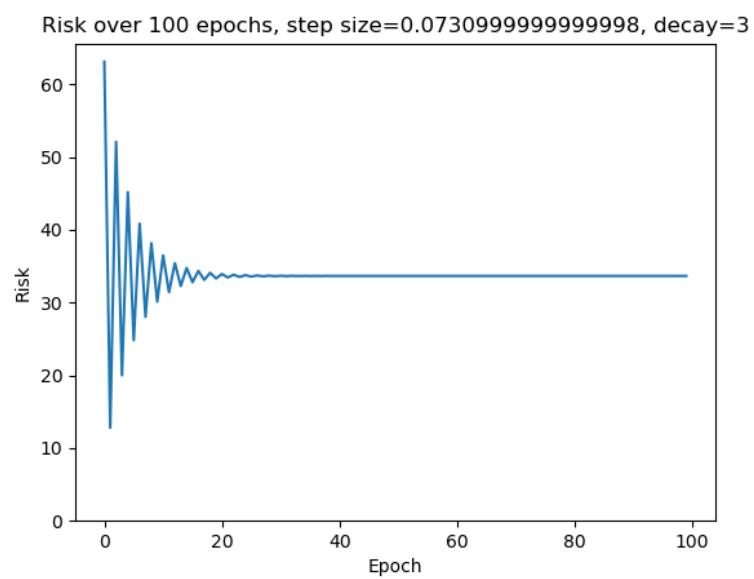
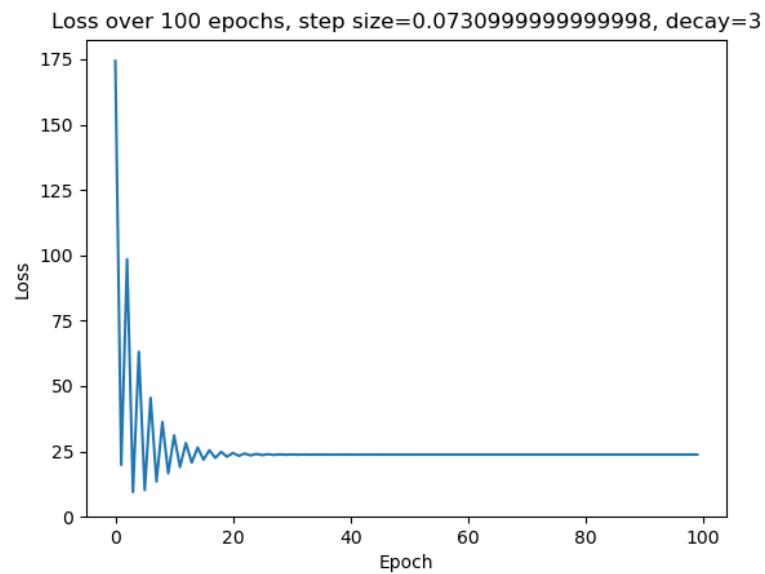


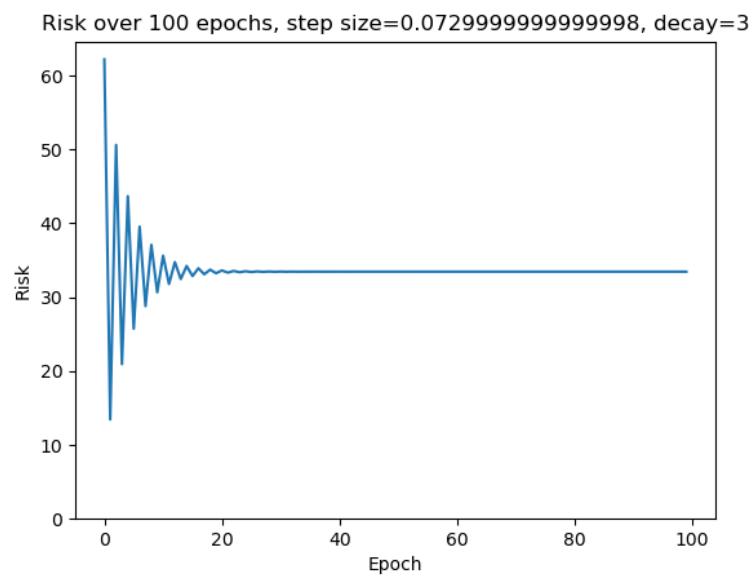
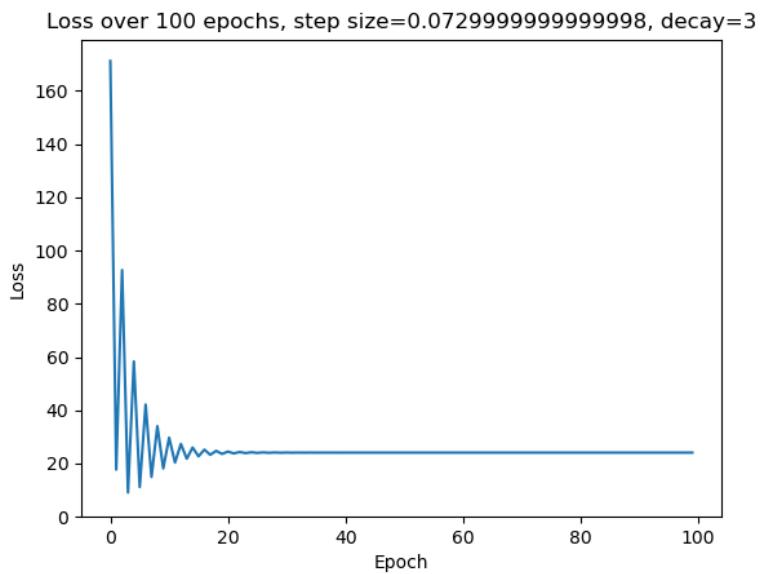
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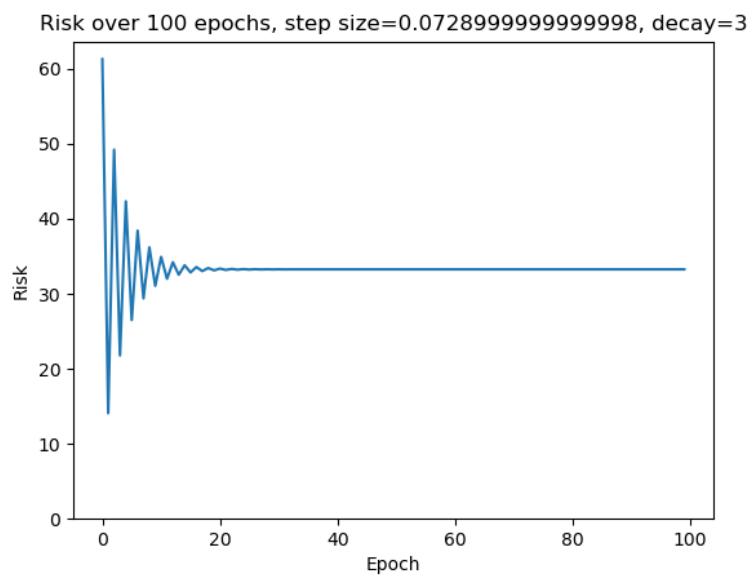
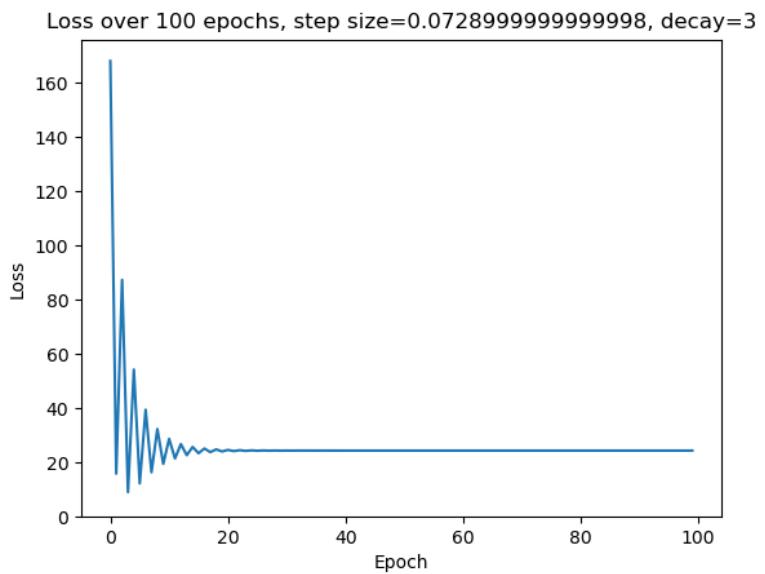


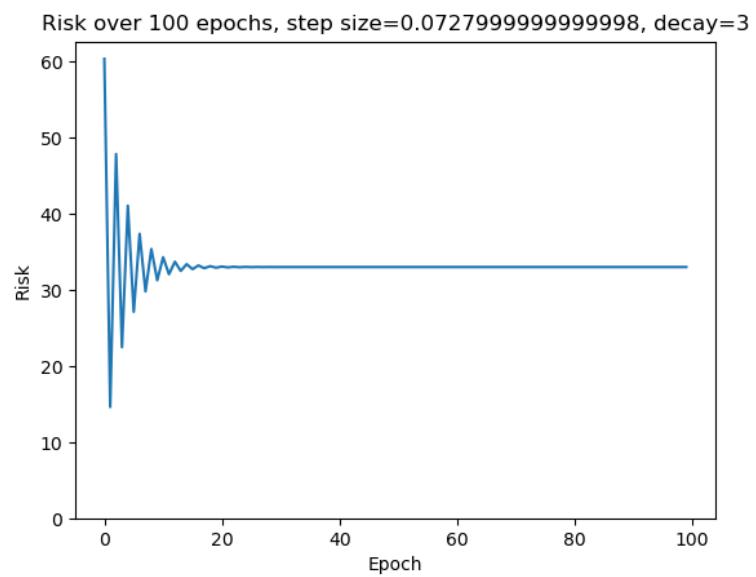
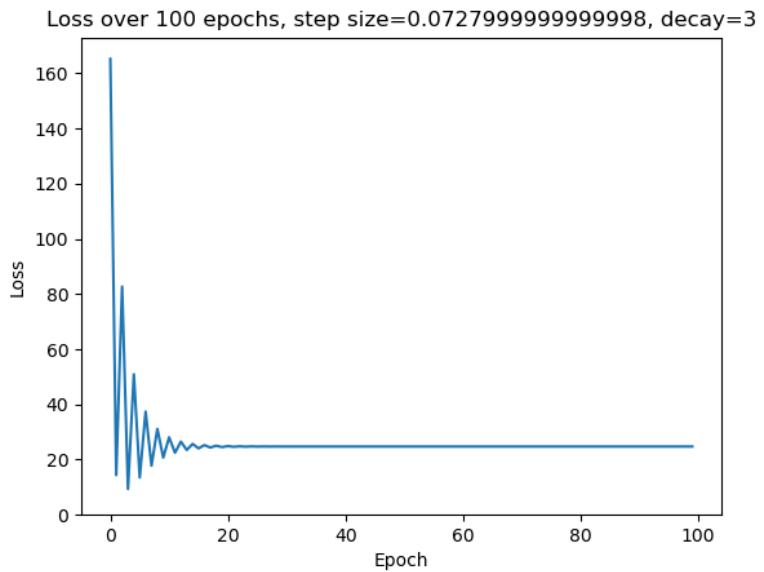


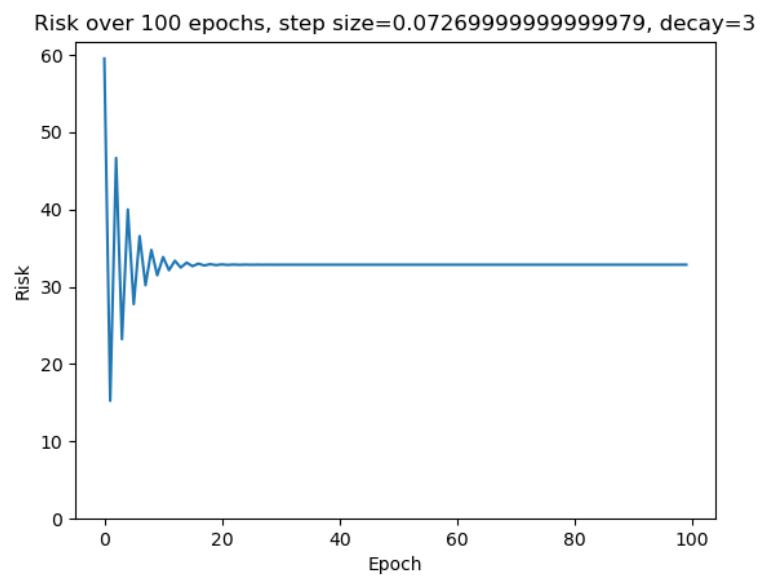
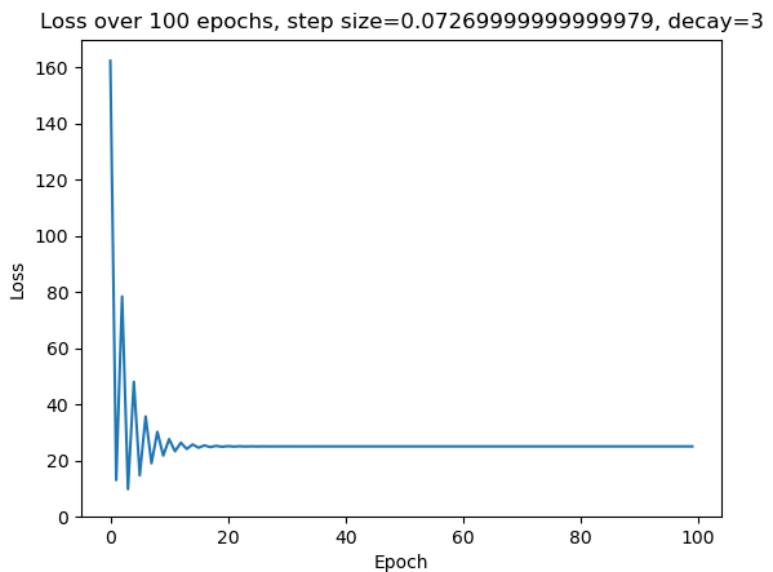


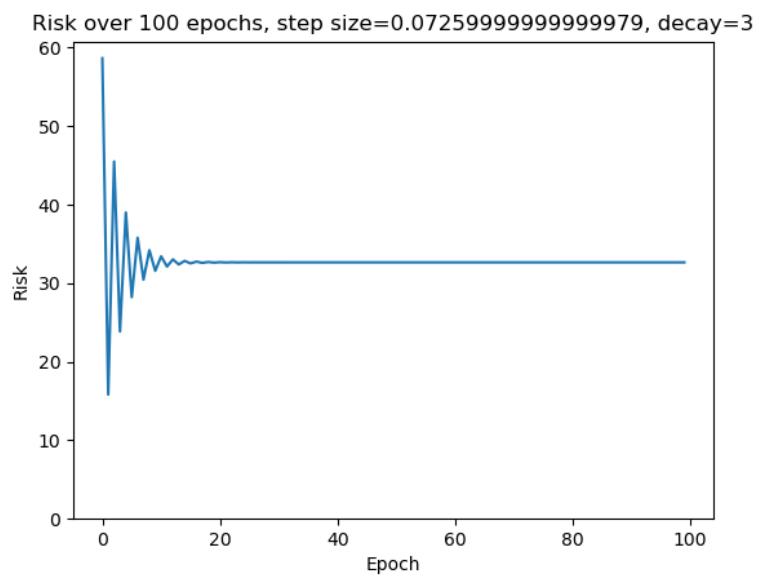
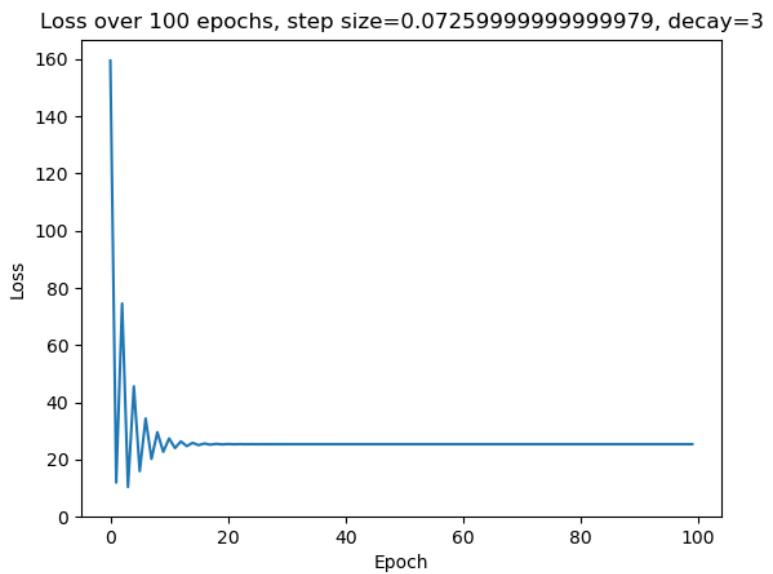


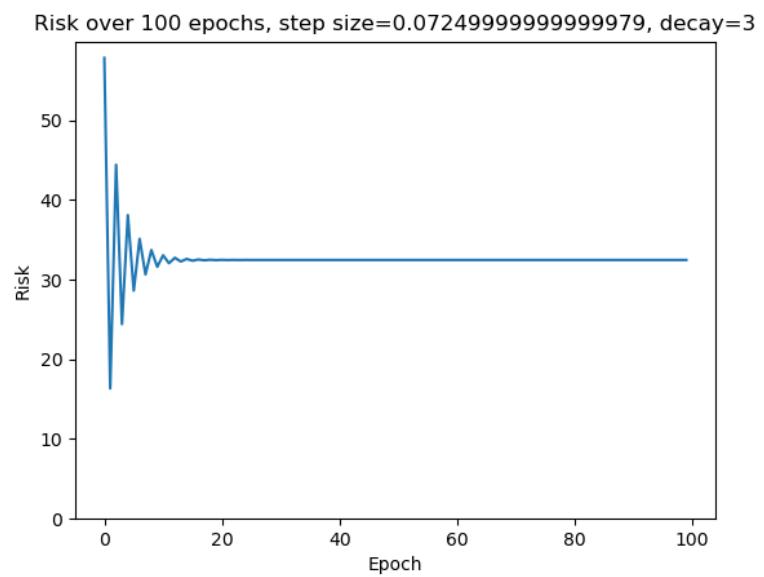
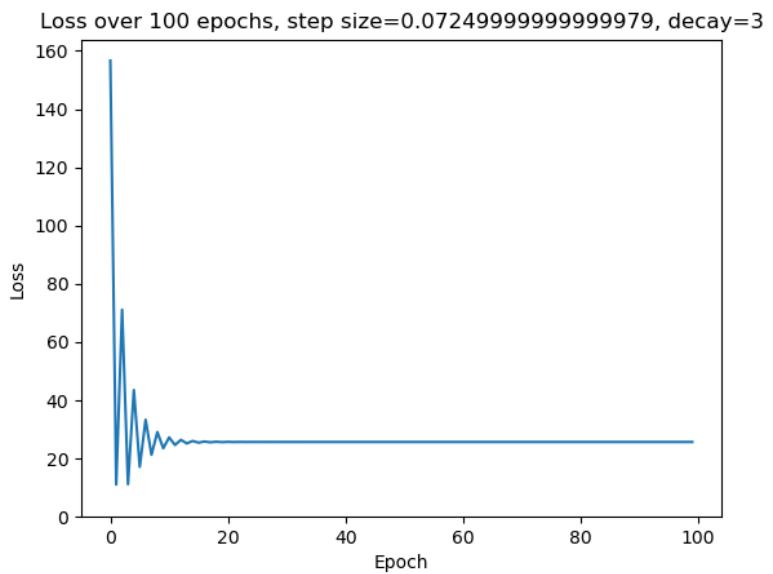


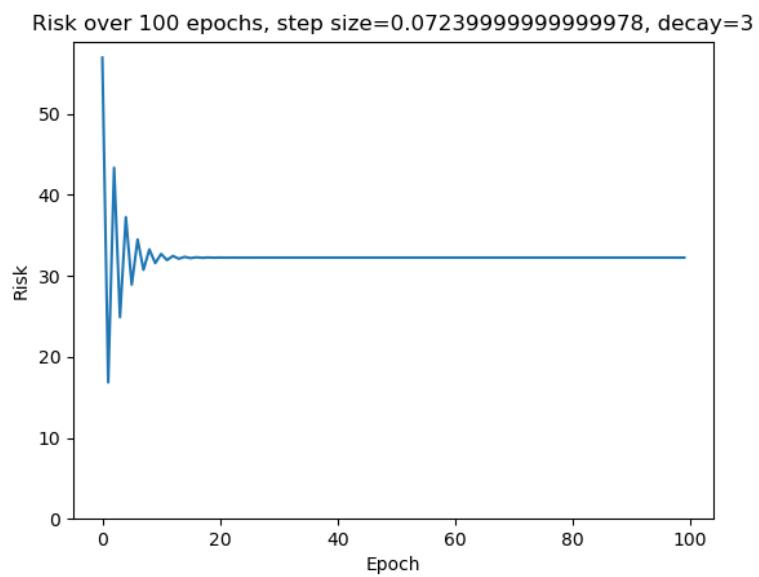
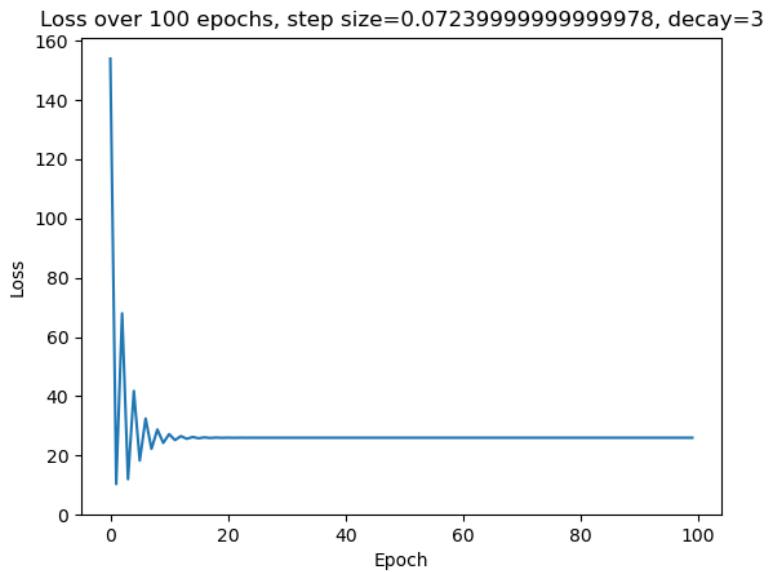




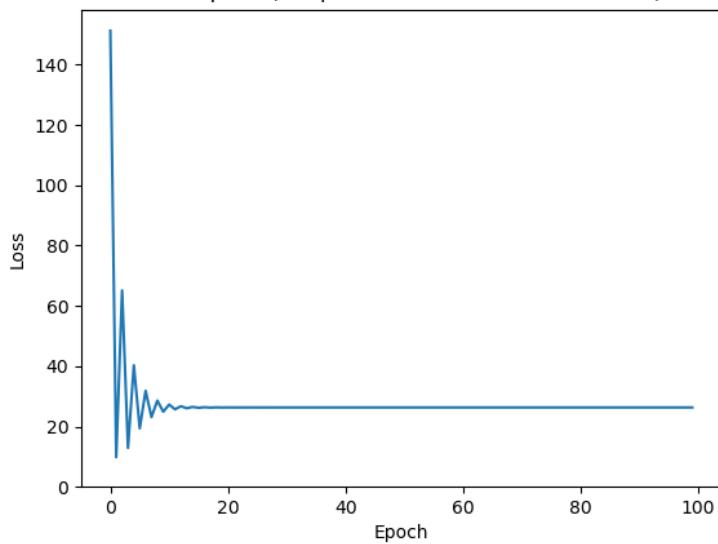




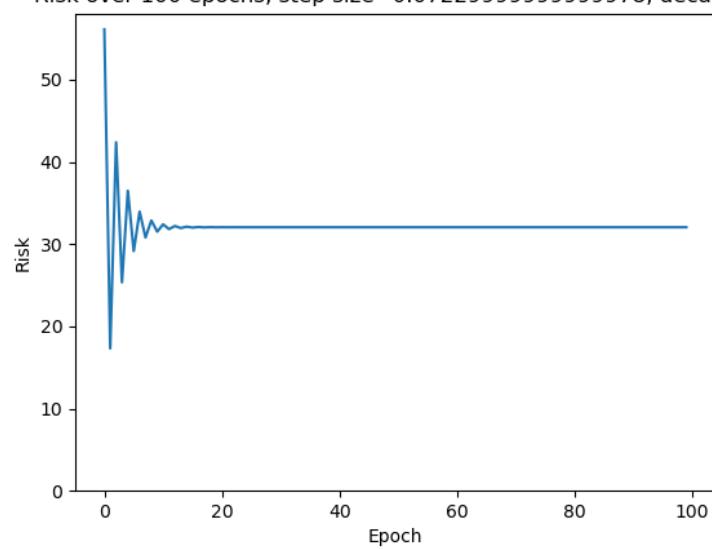




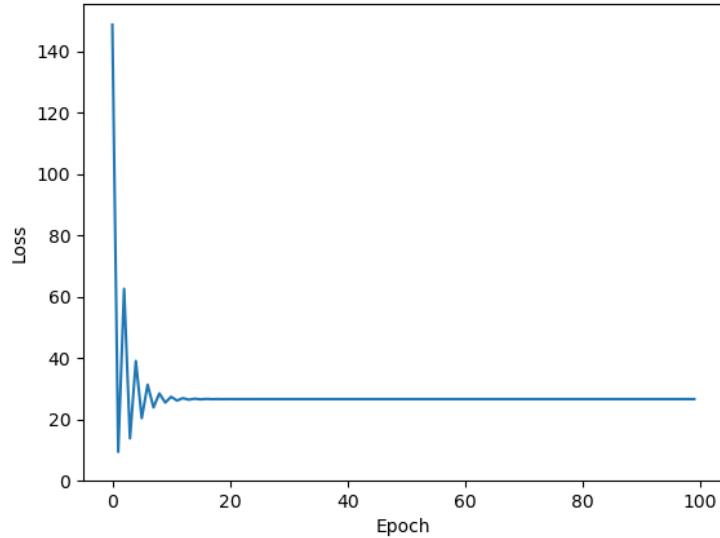
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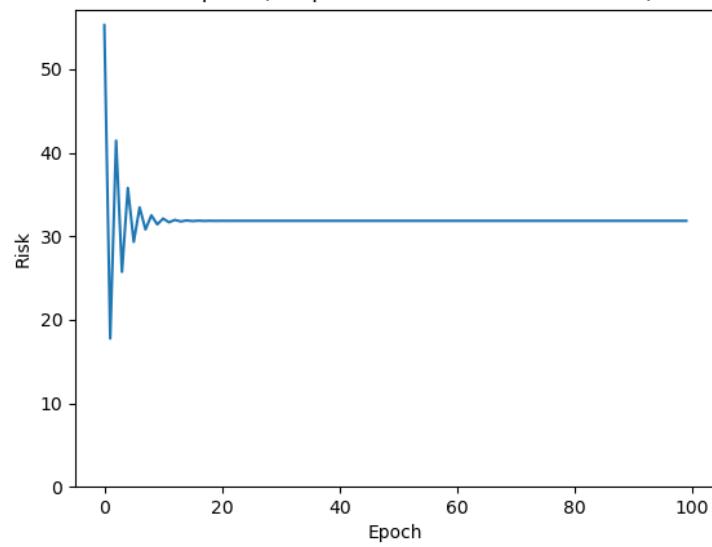
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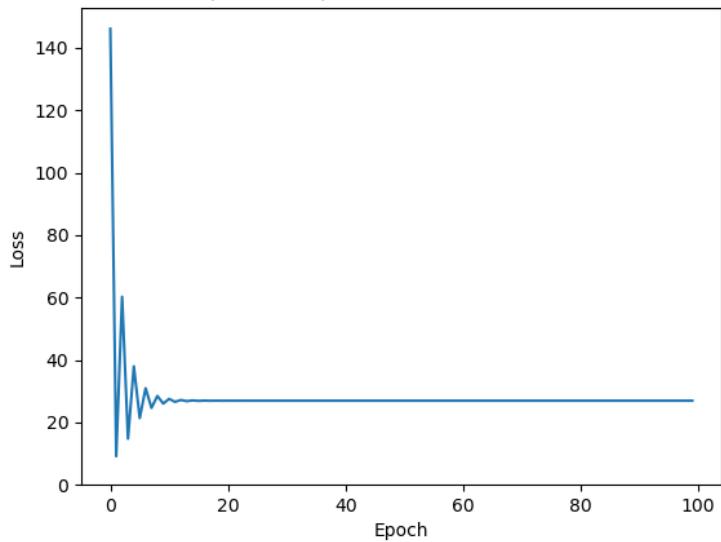
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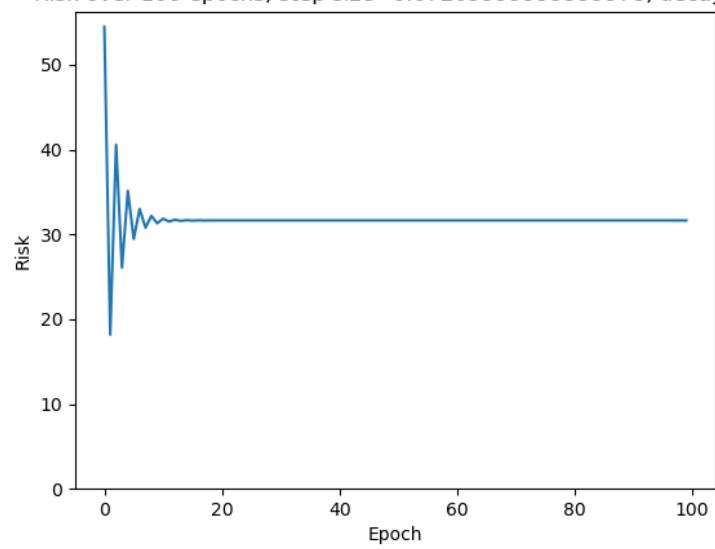
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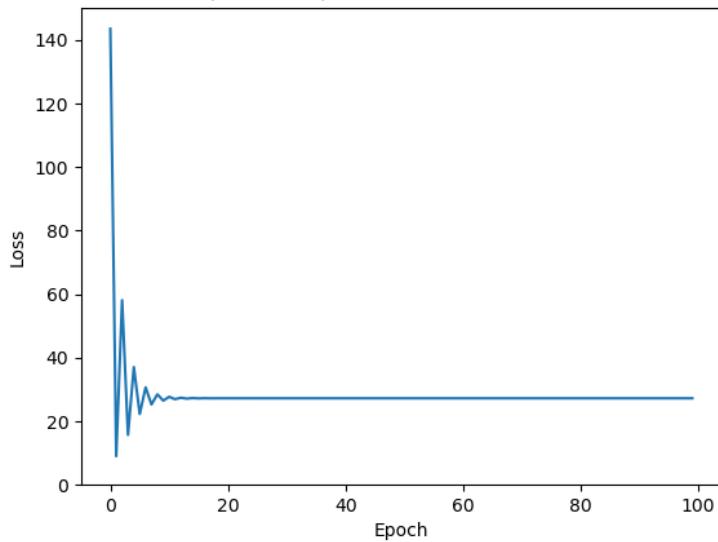
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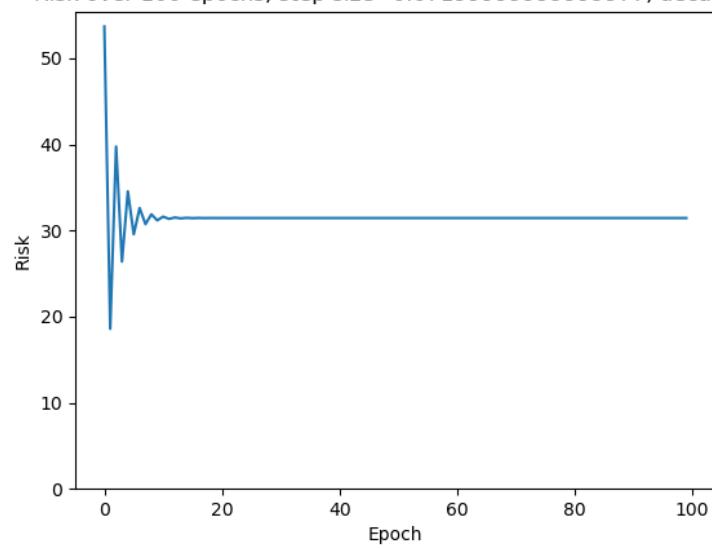
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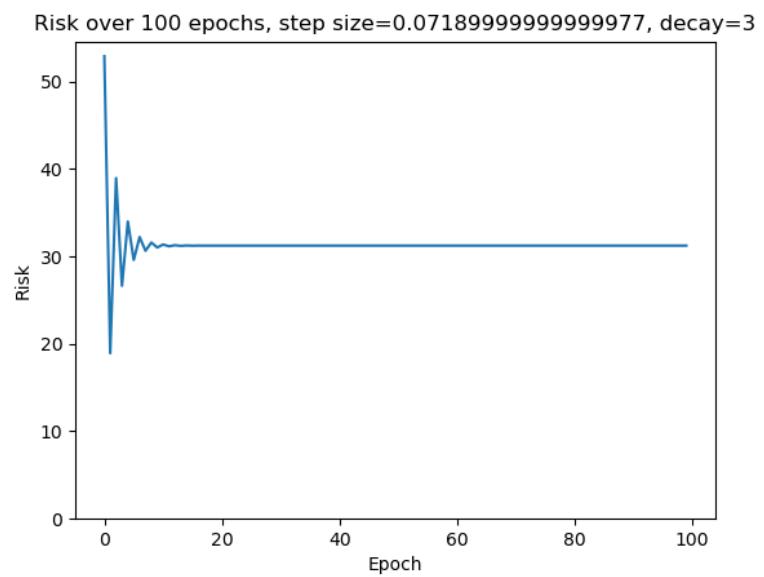
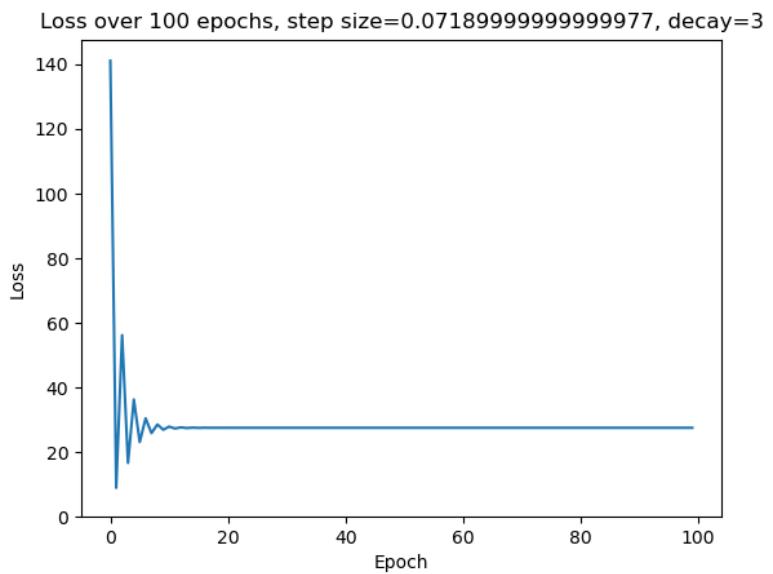


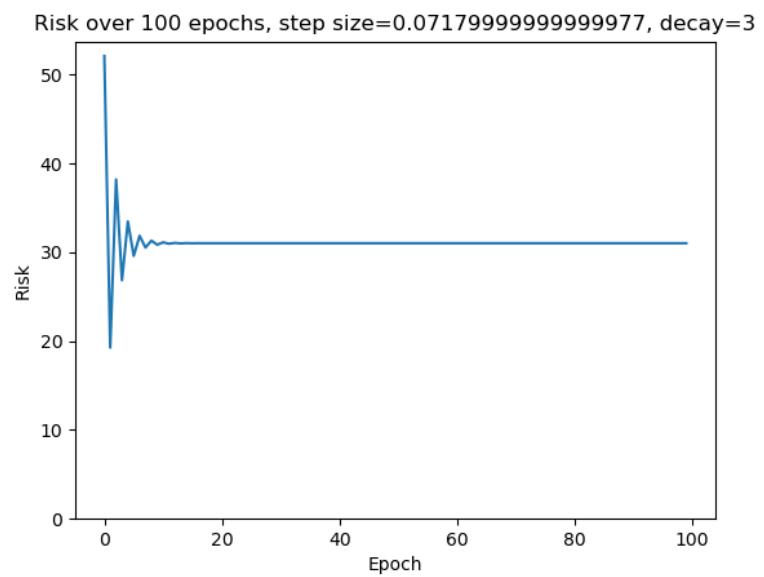
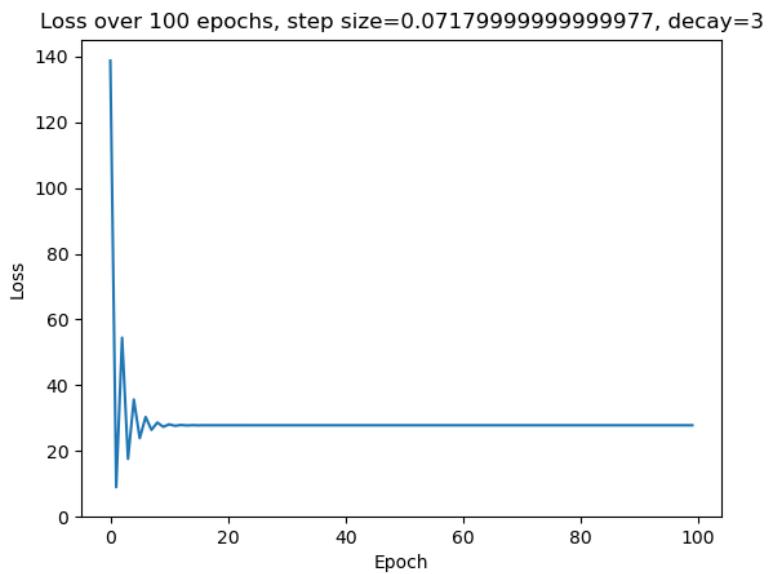
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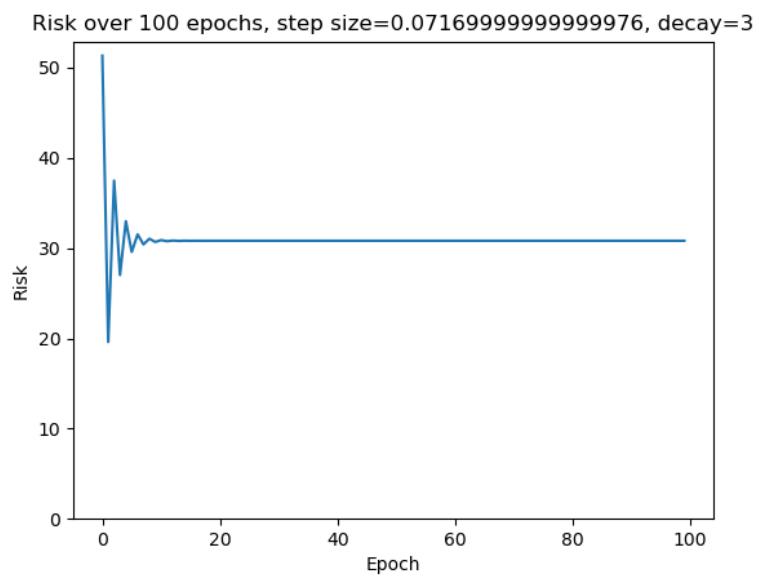
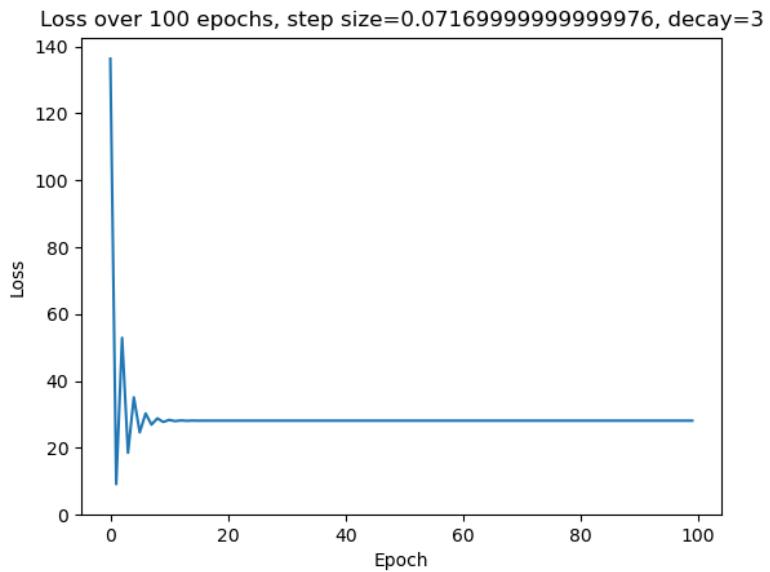


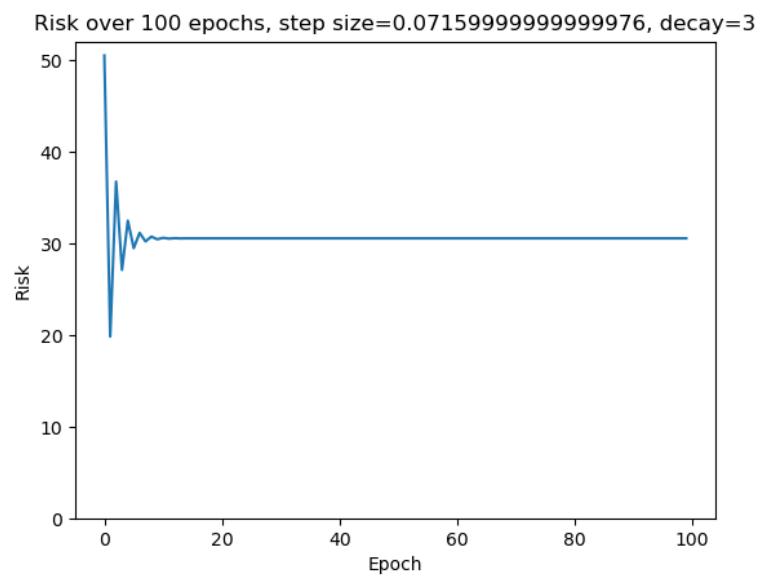
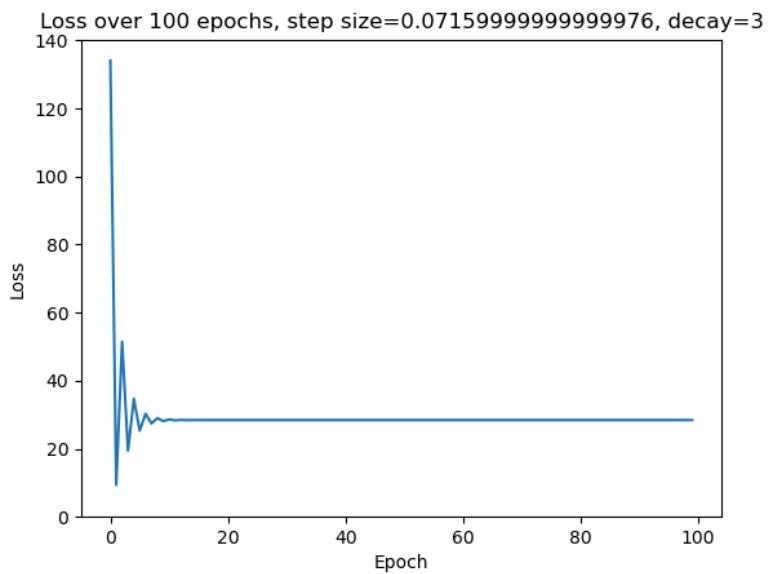
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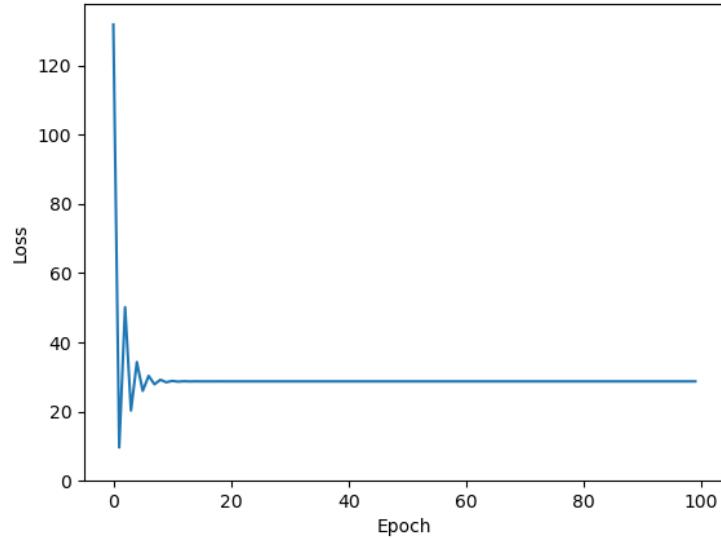




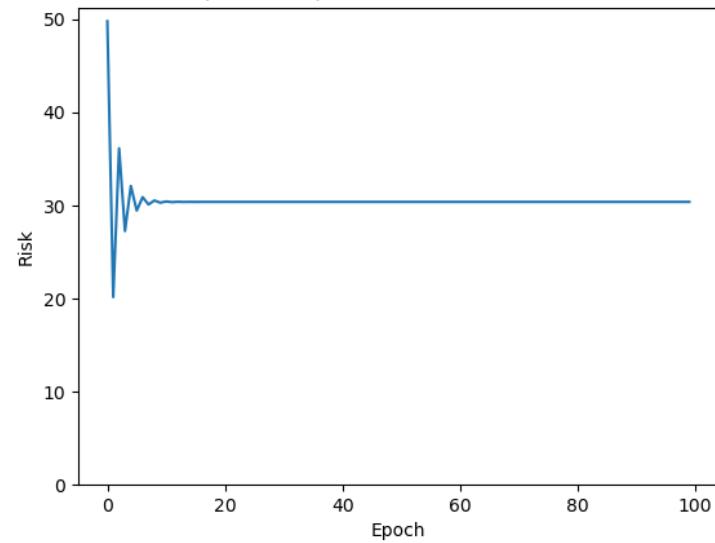




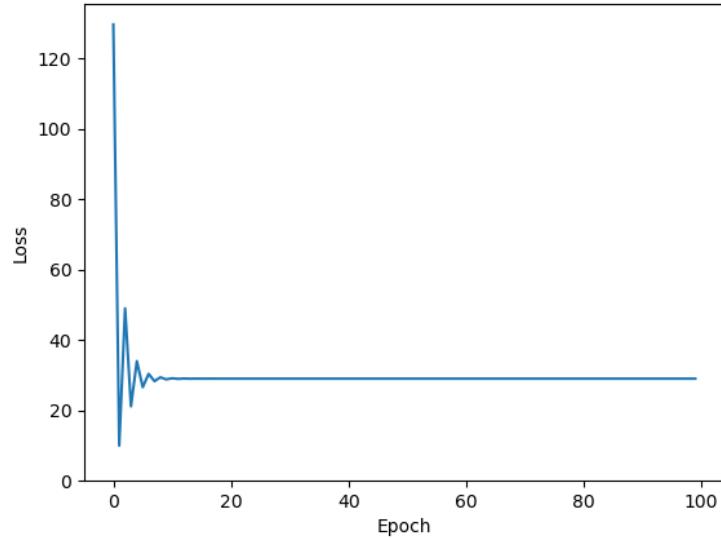
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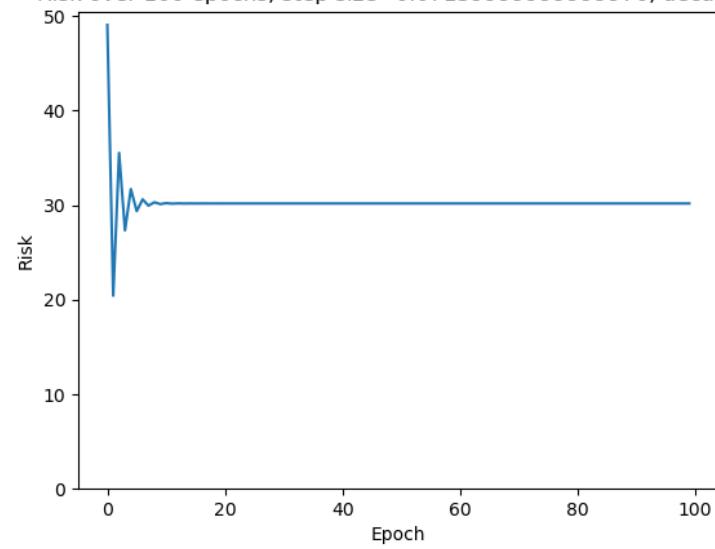
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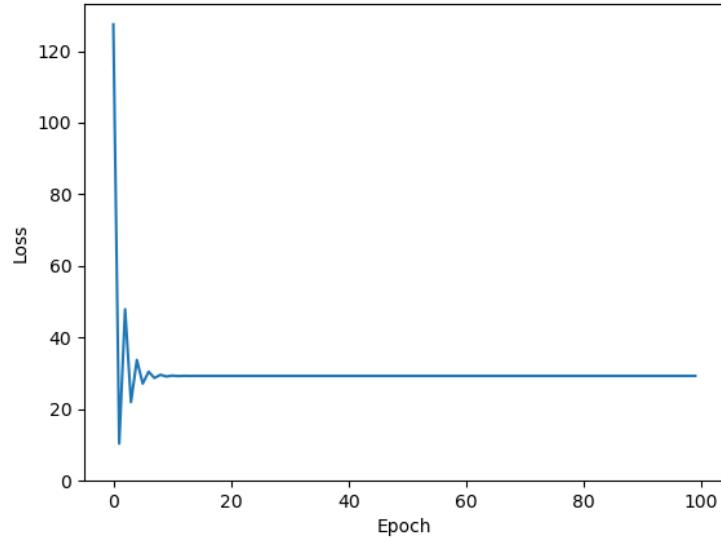
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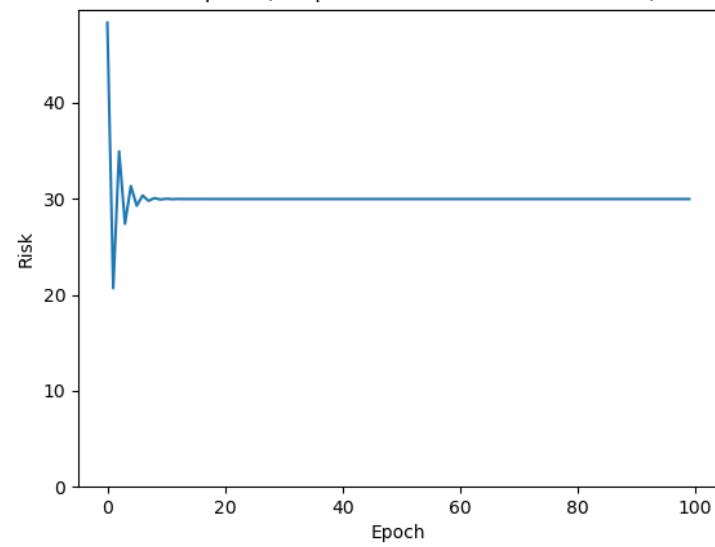
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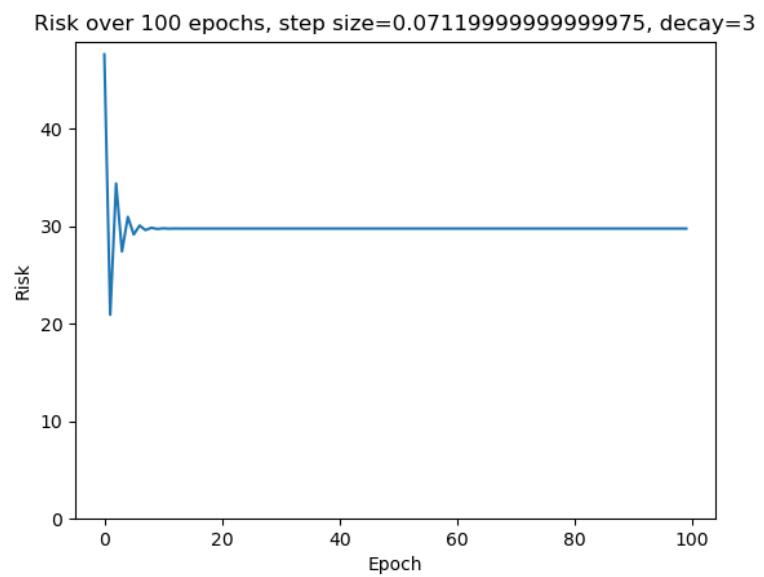
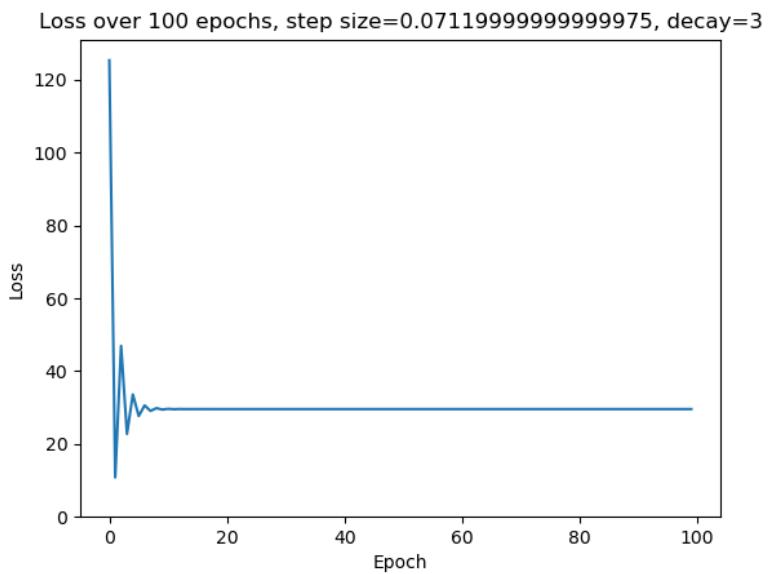


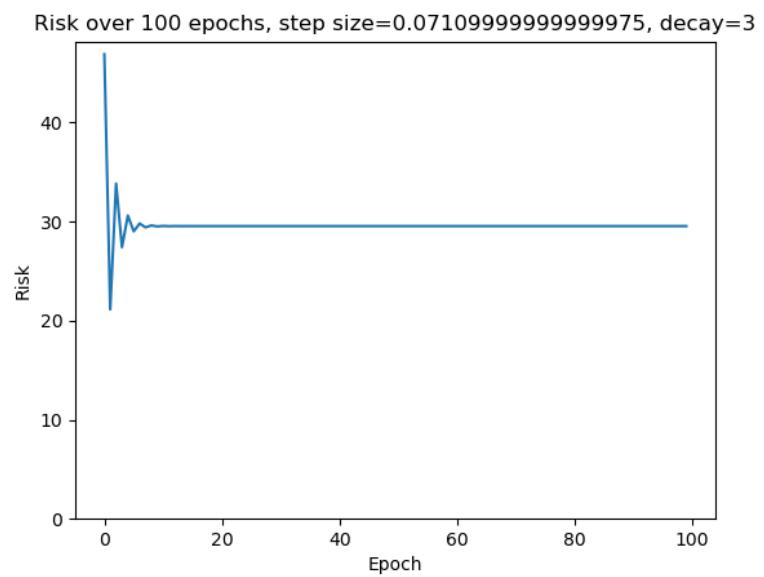
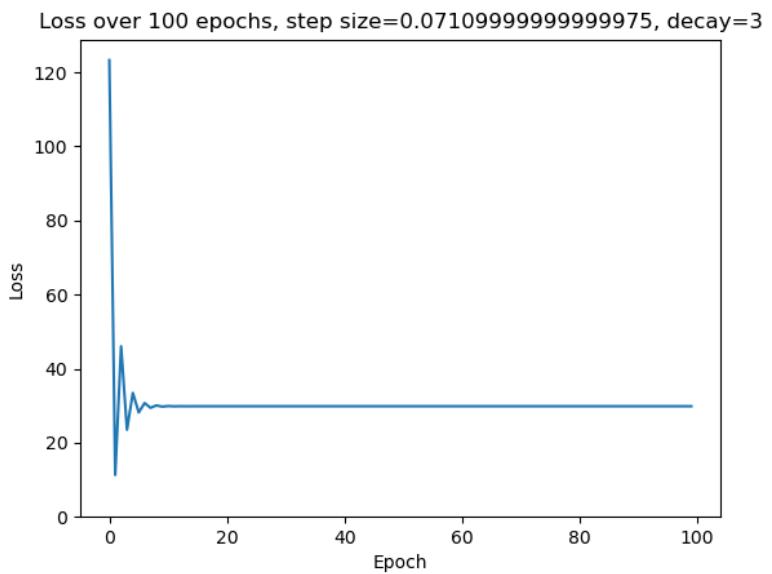
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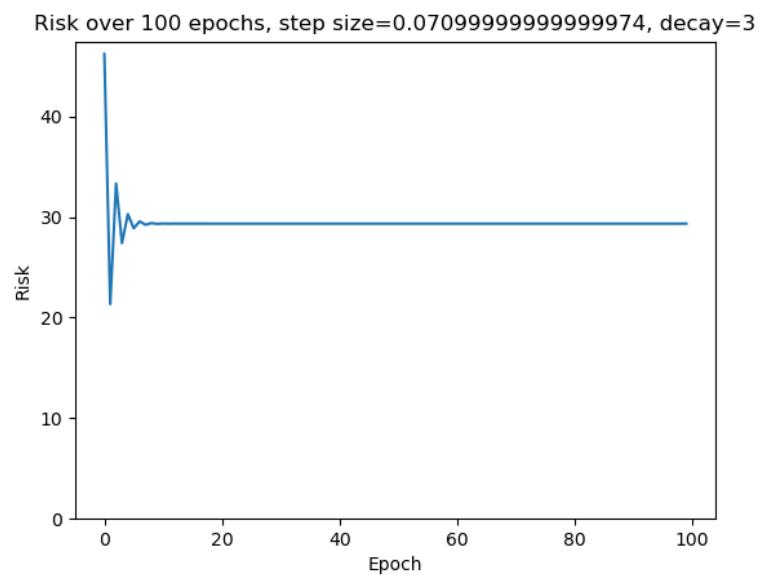
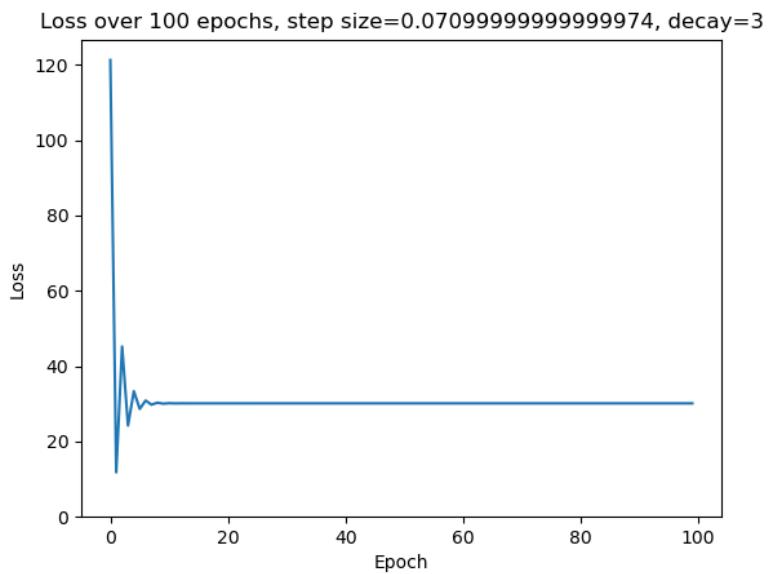


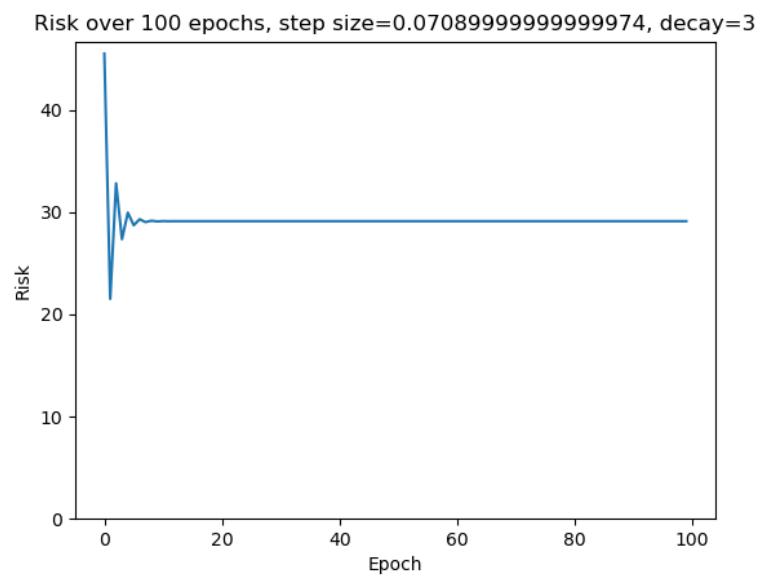
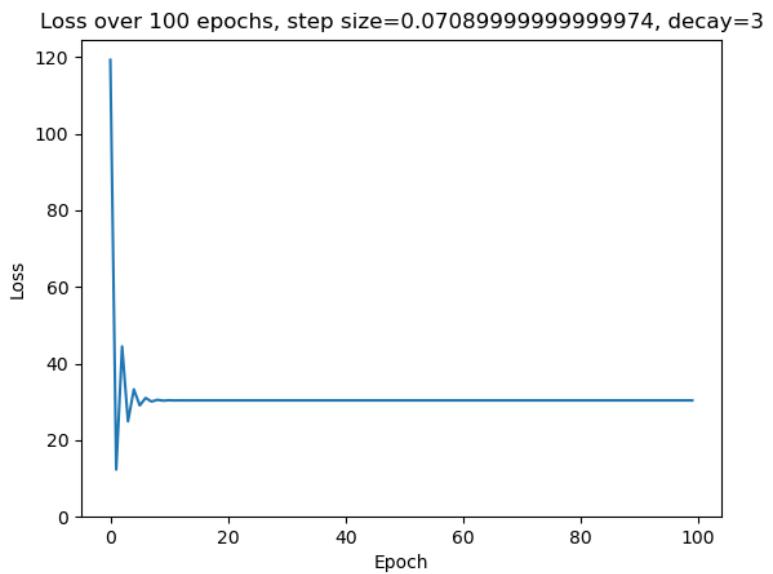
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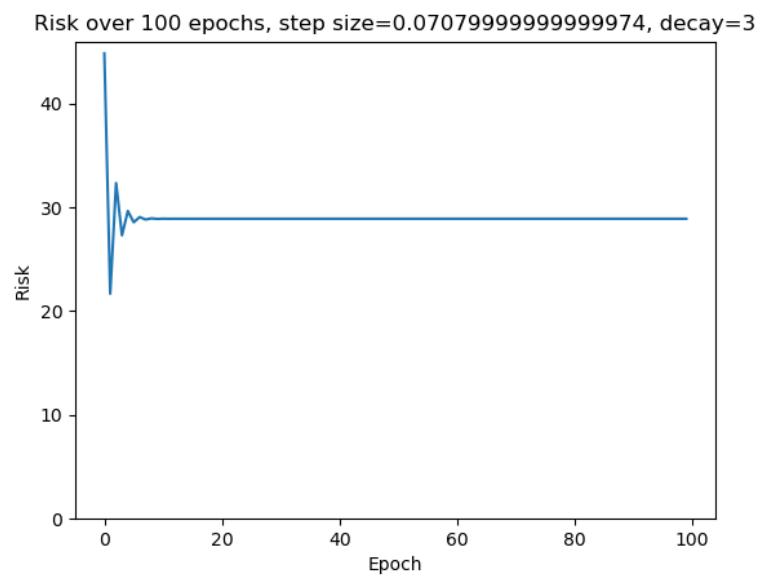
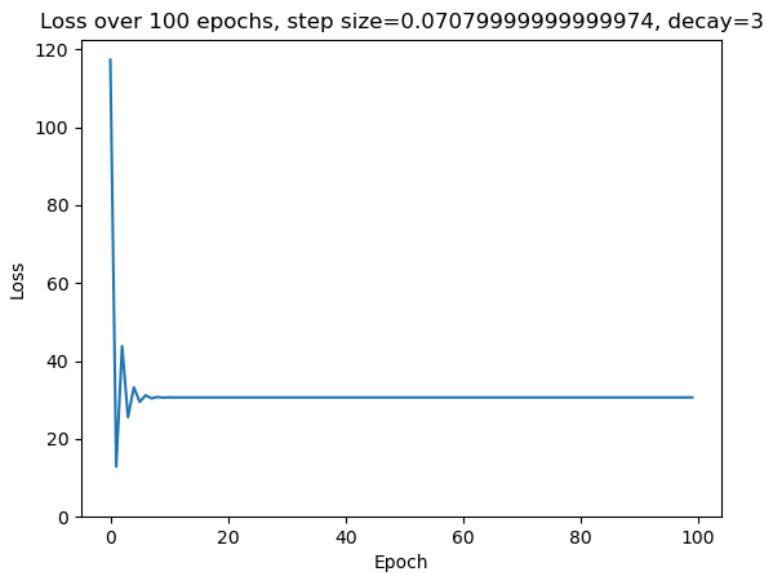


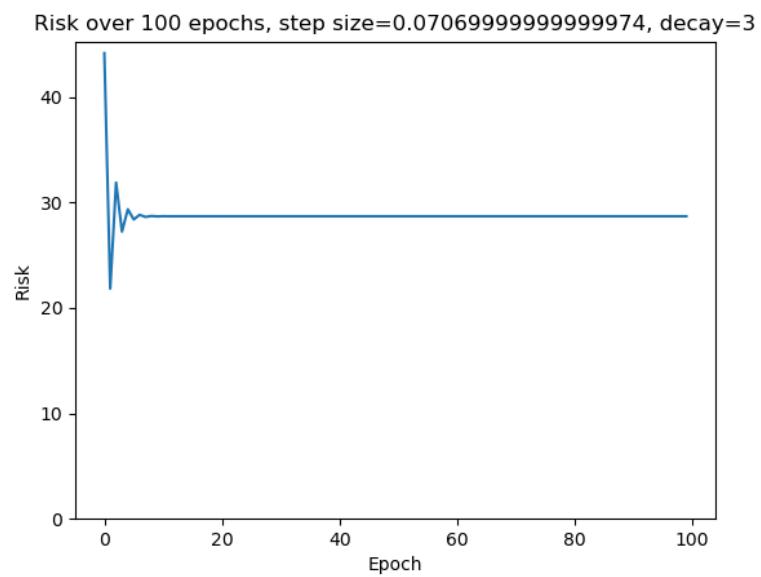
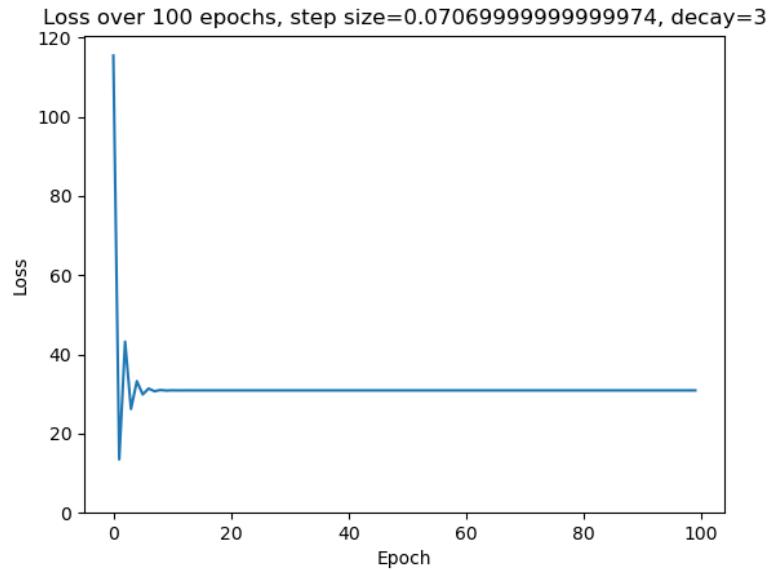




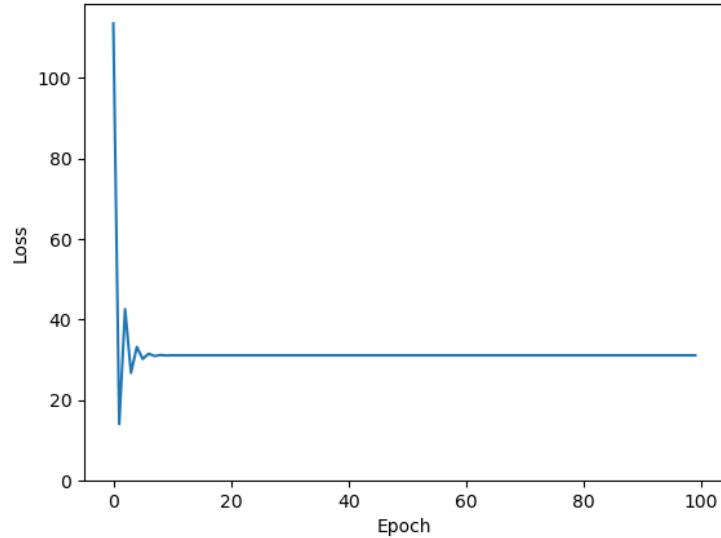




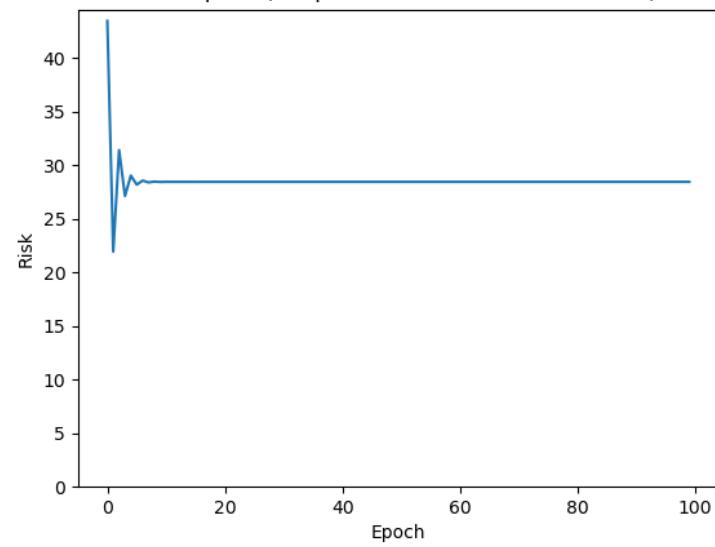




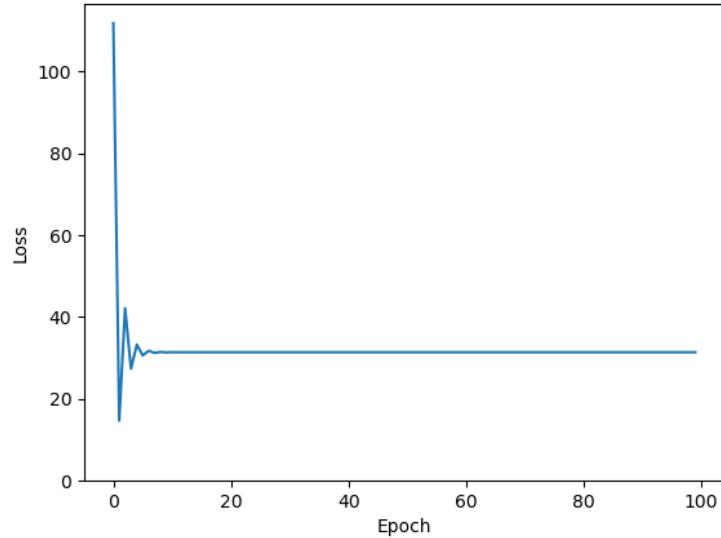
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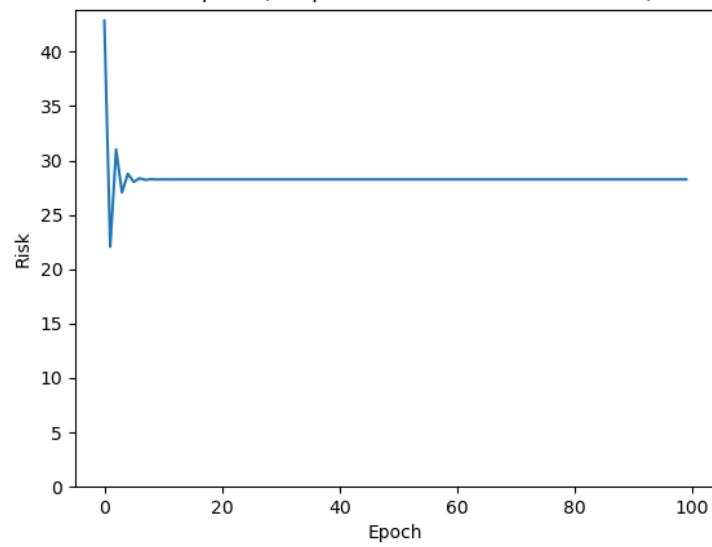
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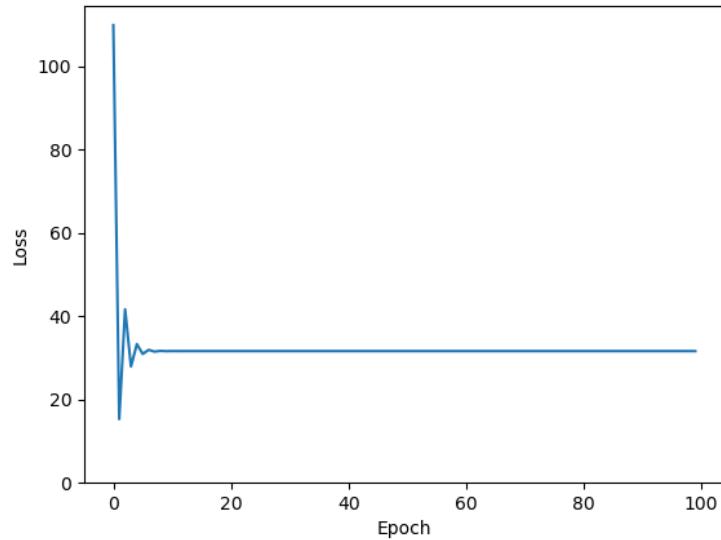
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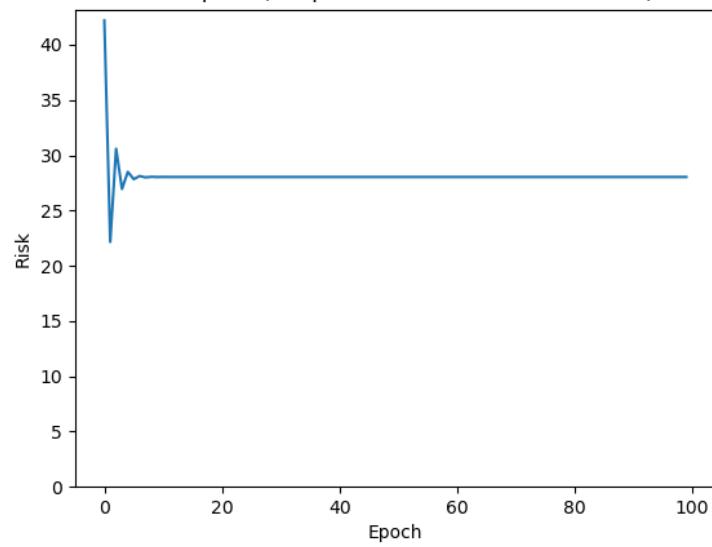
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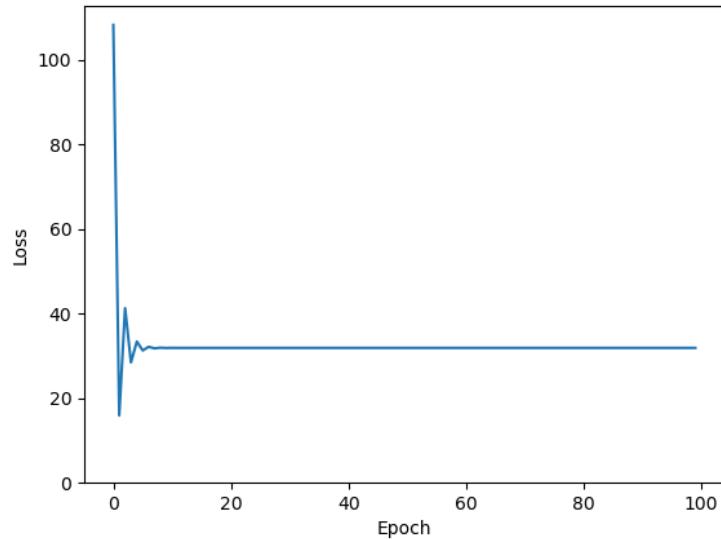
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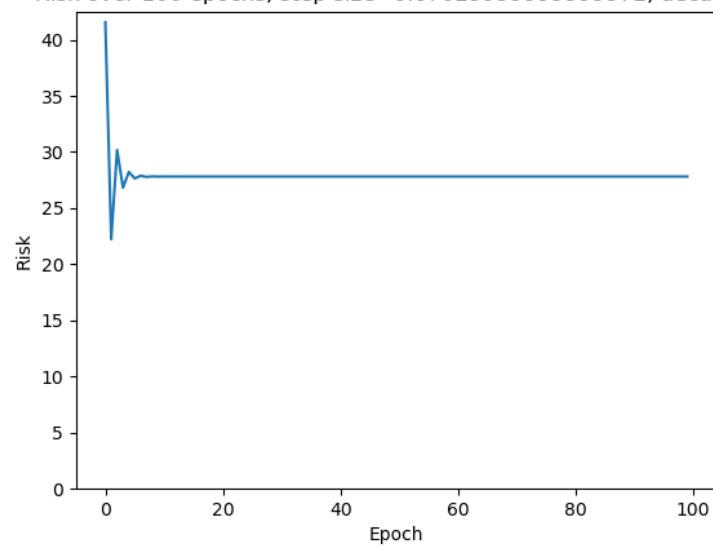
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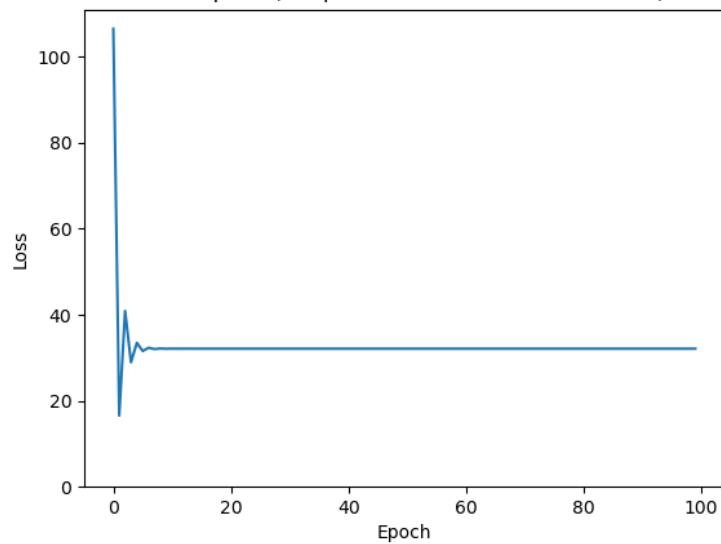
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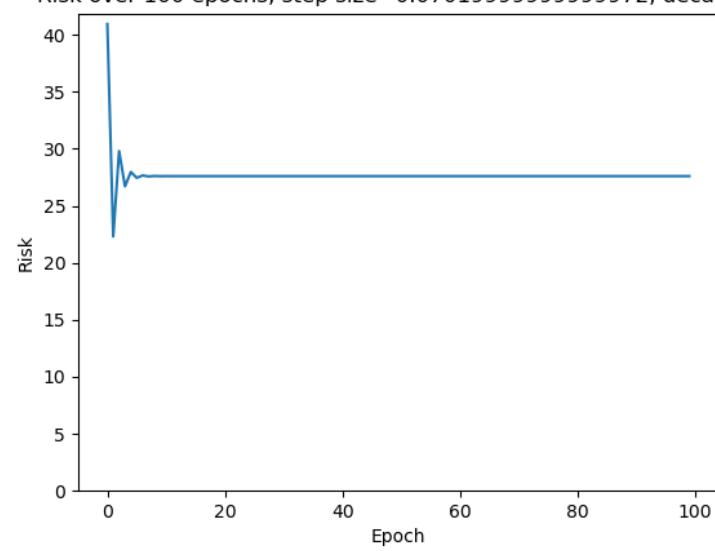
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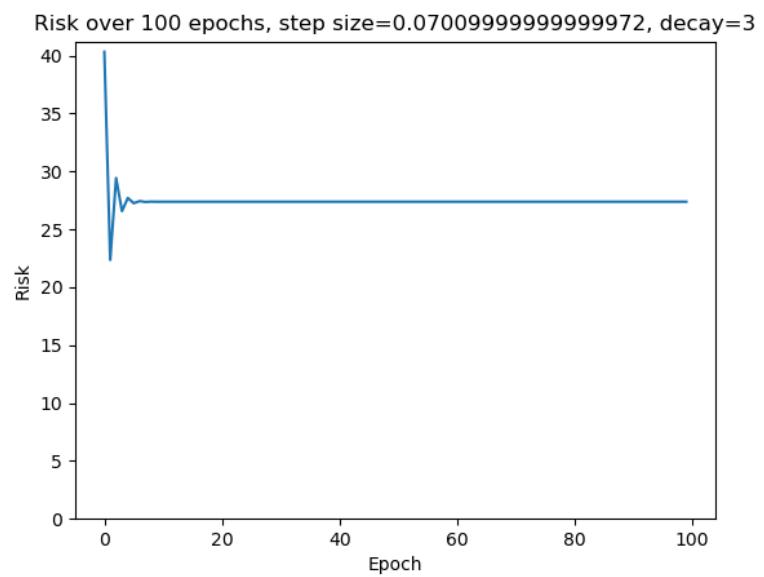
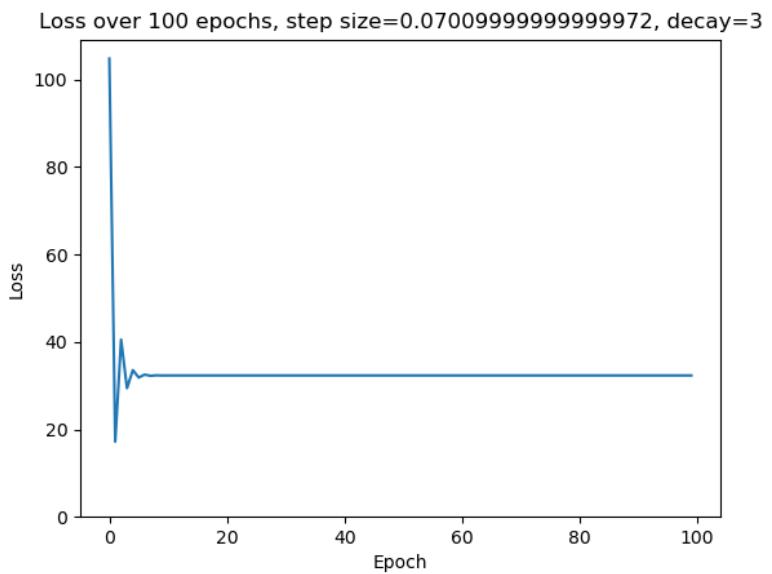


Loss over 100 epochs, step size=0.0701999999999972, decay=3

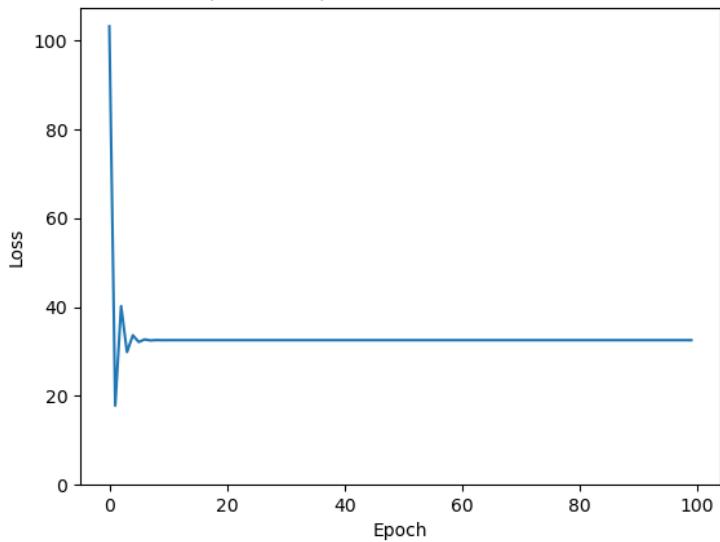


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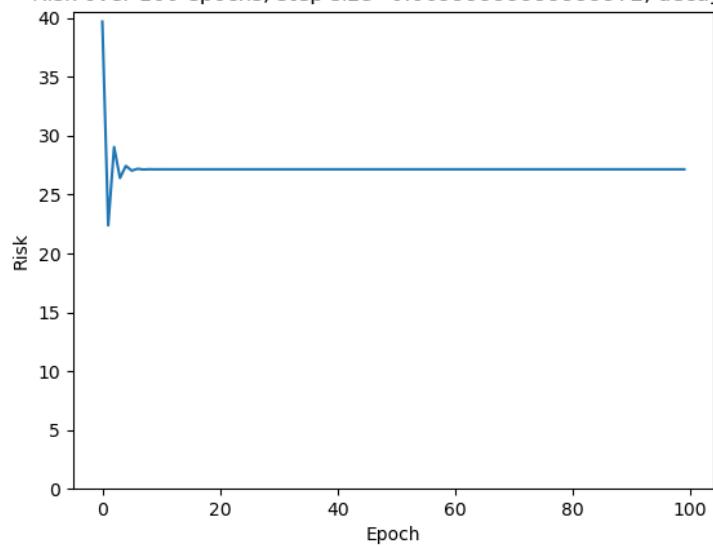


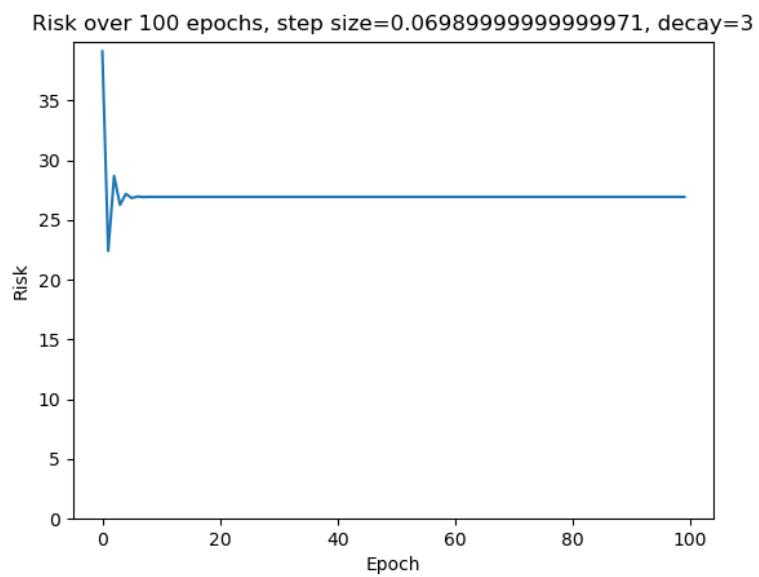
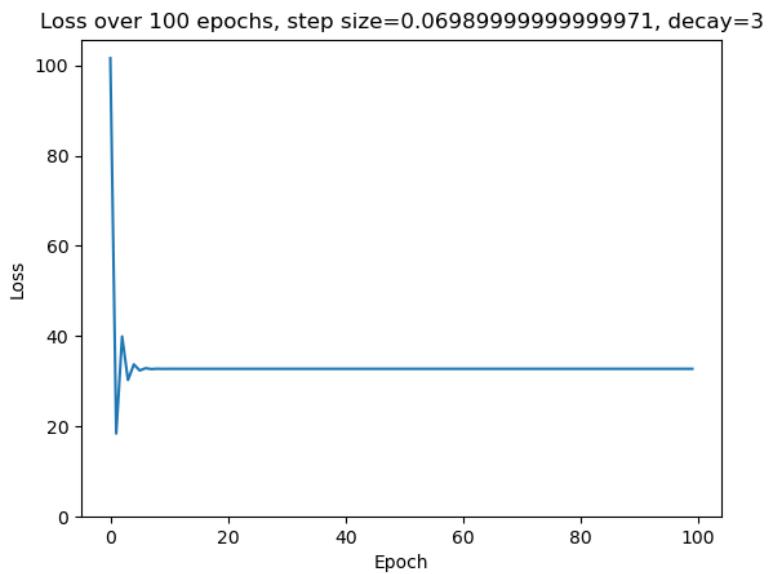


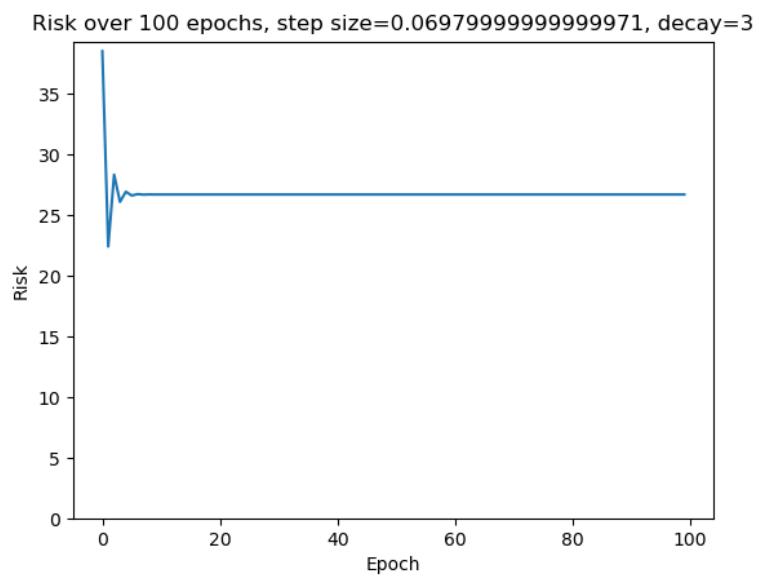
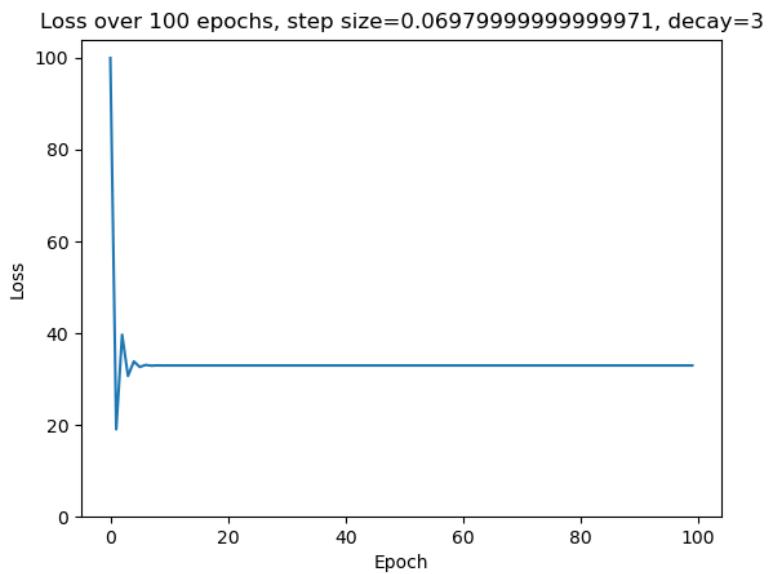
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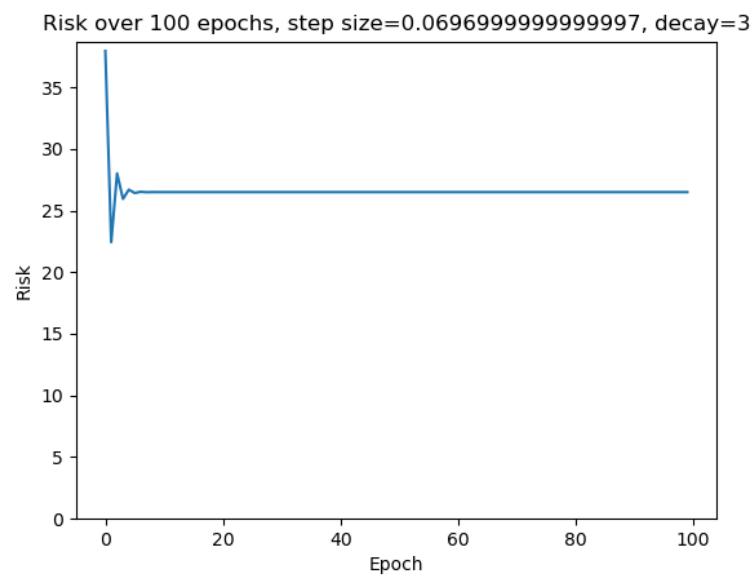
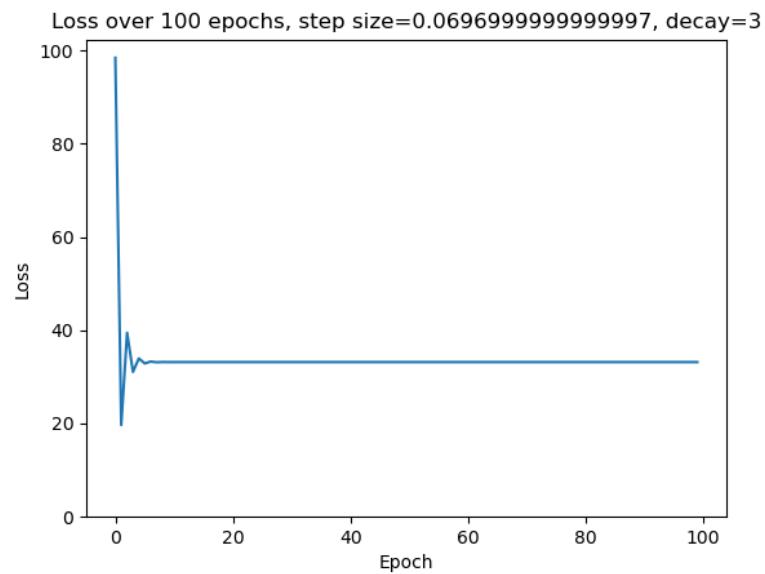


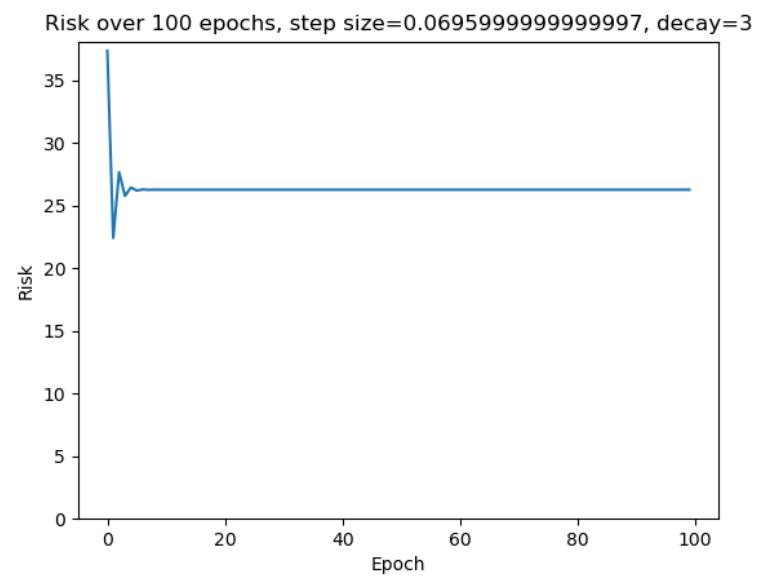
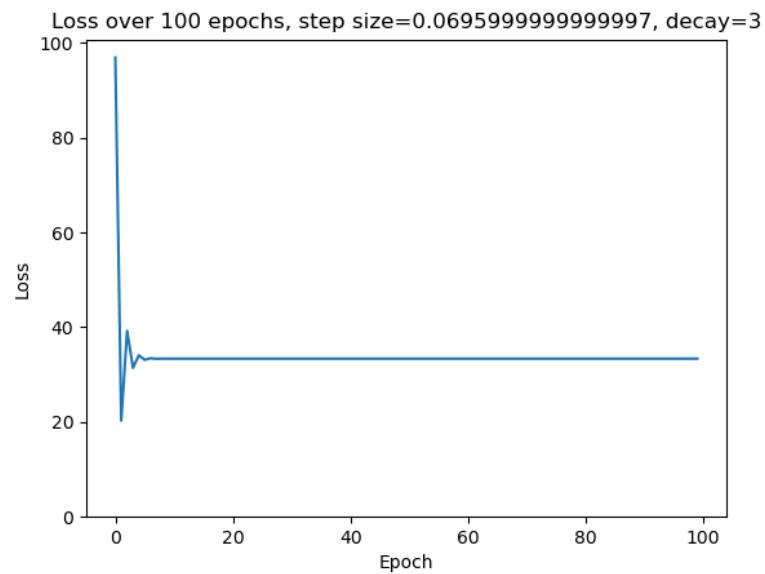
Risk over 100 epochs, step size=0.0699999999999972, decay=3



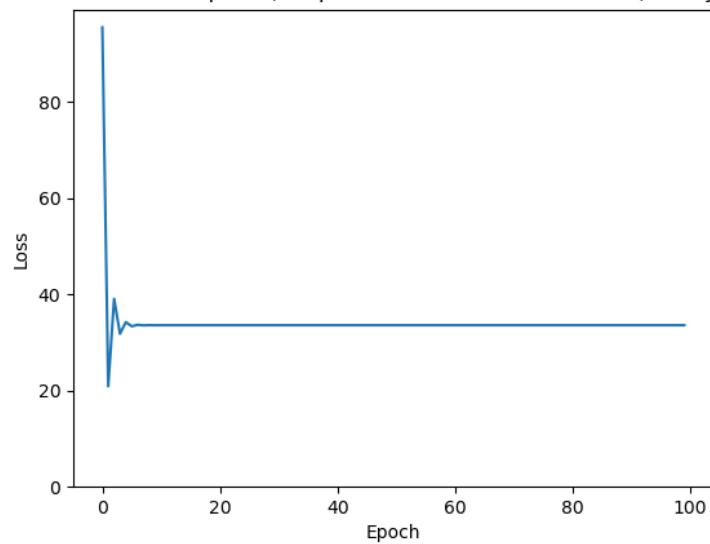




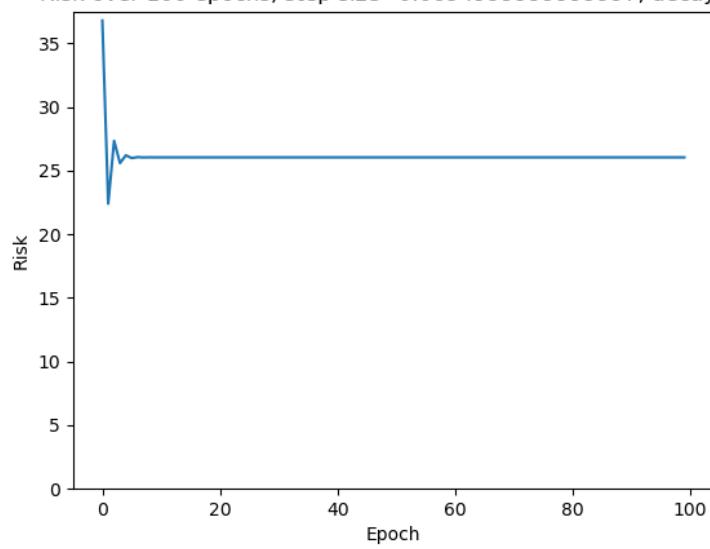




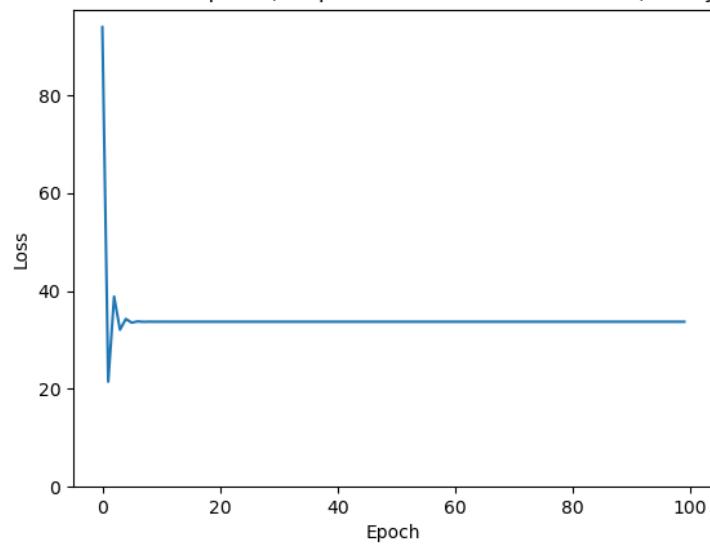
Loss over 100 epochs, step size=0.0694999999999997, decay=3



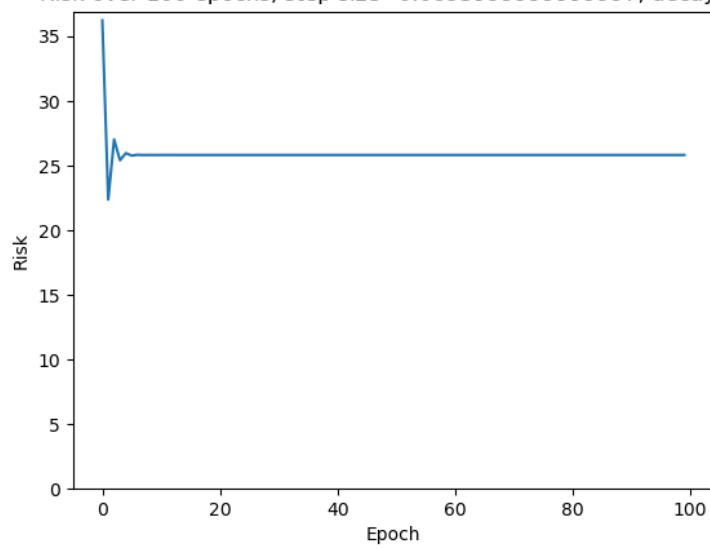
Risk over 100 epochs, step size=0.0694999999999997, decay=3



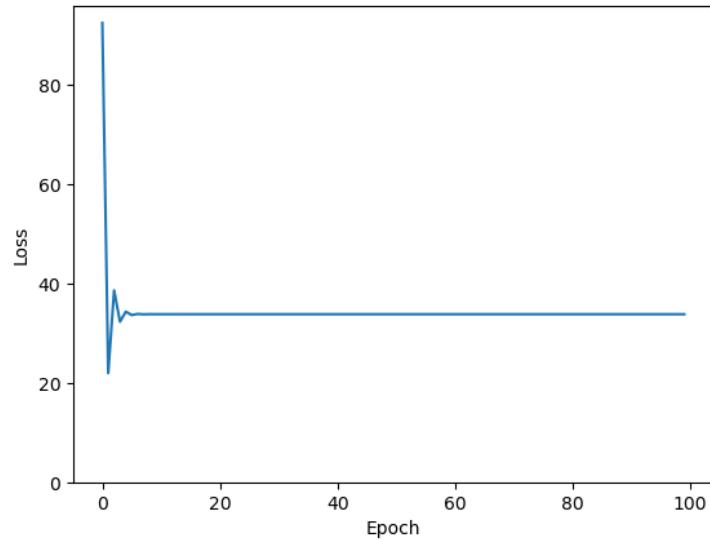
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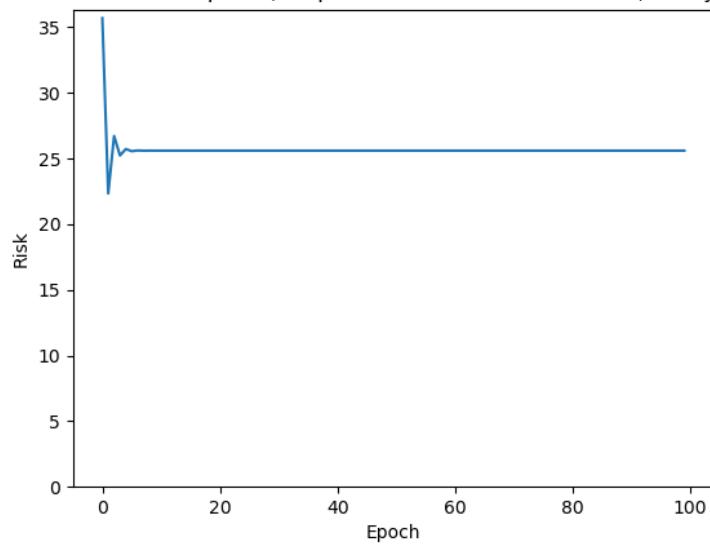
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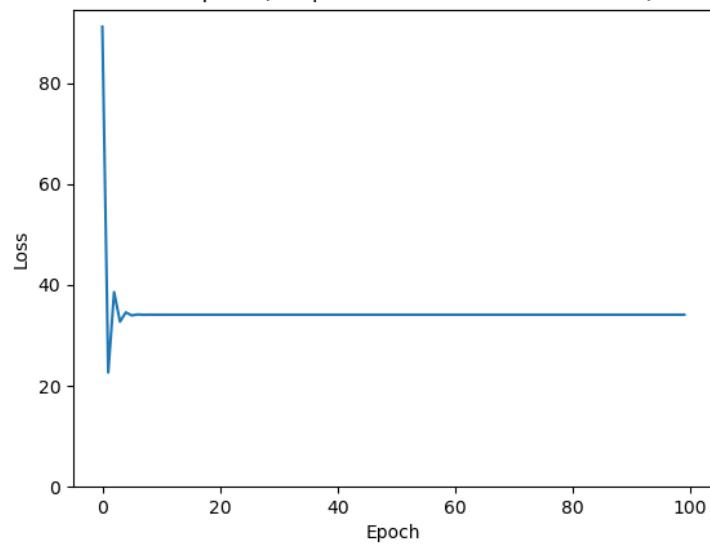
Loss over 100 epochs, step size=0.0692999999999997, decay=3



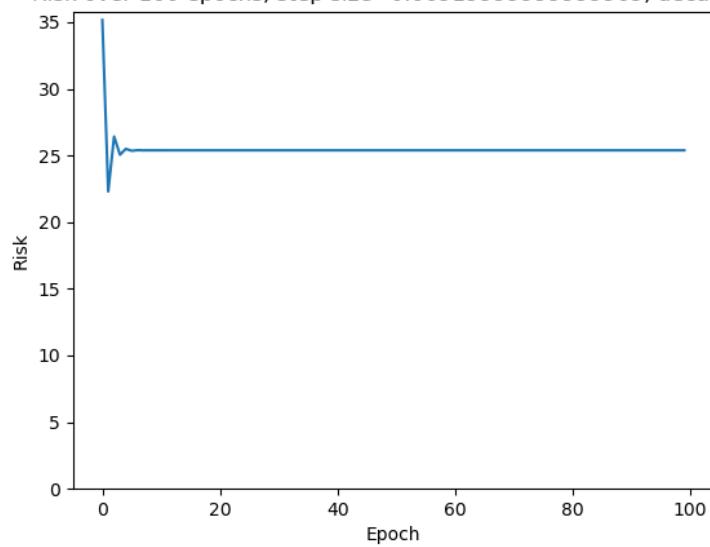
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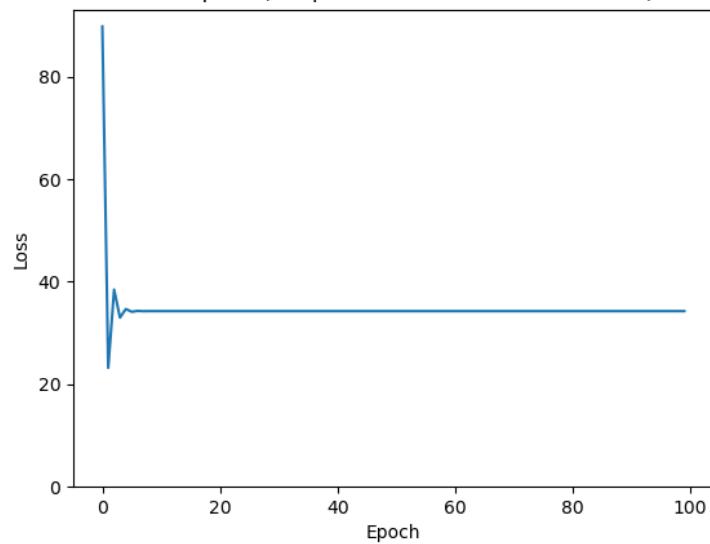
Loss over 100 epochs, step size=0.0691999999999969, decay=3



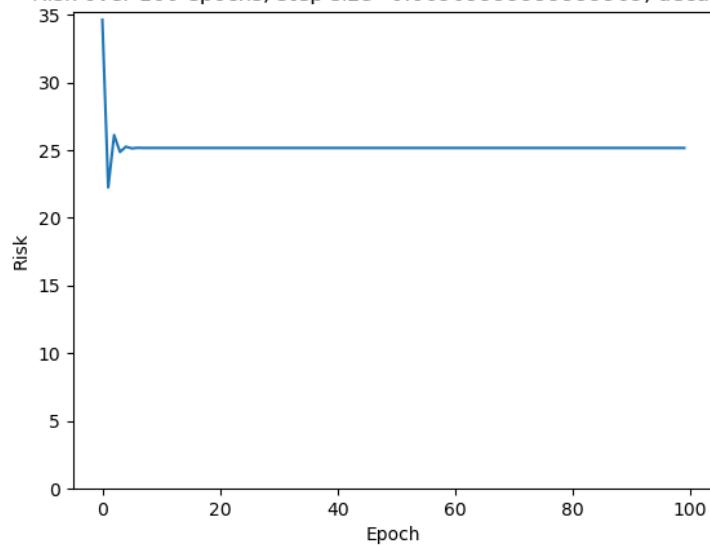
Risk over 100 epochs, step size=0.0691999999999969, decay=3



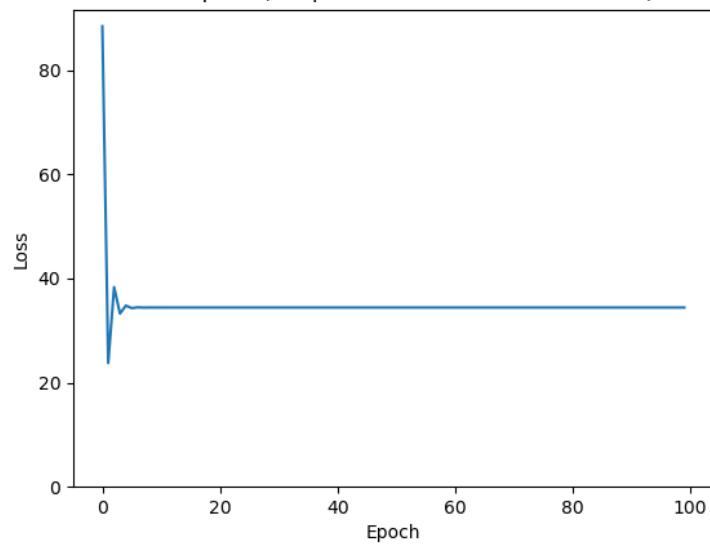
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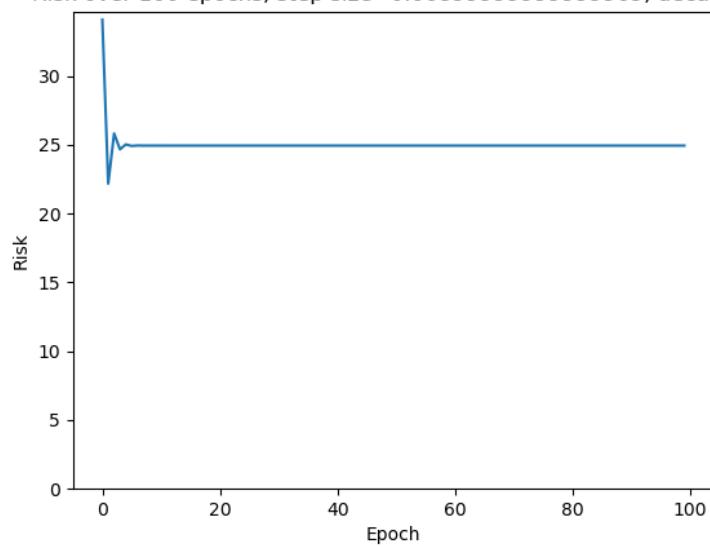
Risk over 100 epochs, step size=0.0690999999999969, decay=3



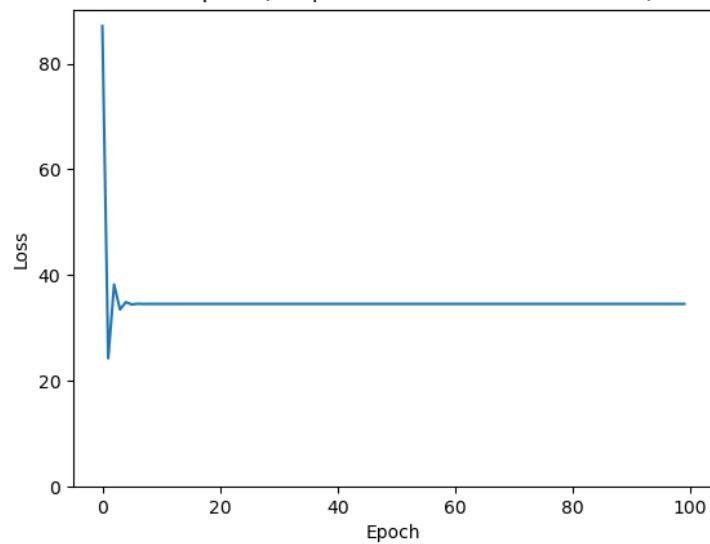
Loss over 100 epochs, step size=0.0689999999999969, decay=3



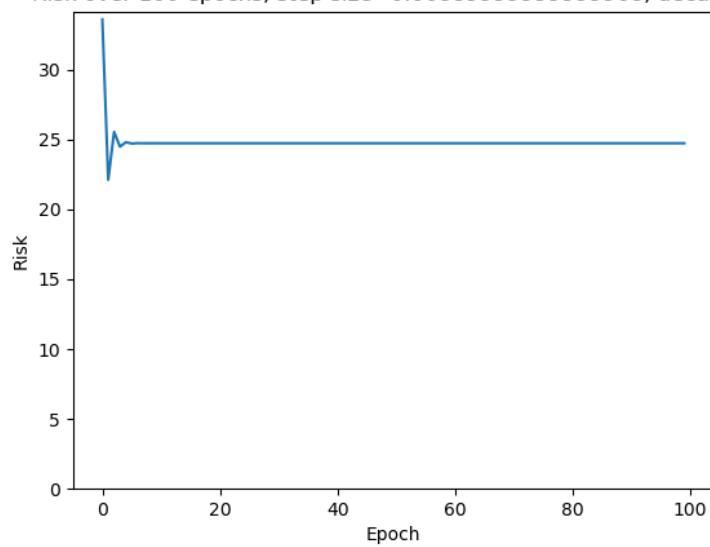
Risk over 100 epochs, step size=0.0689999999999969, decay=3



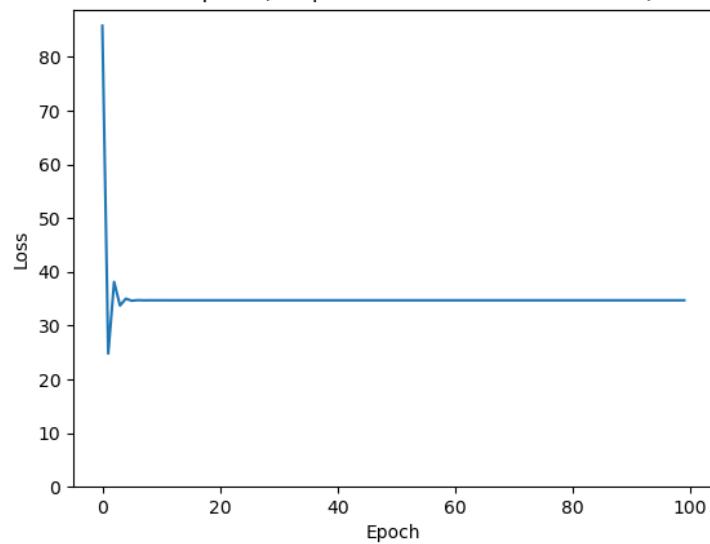
Loss over 100 epochs, step size=0.06889999999999968, decay=3



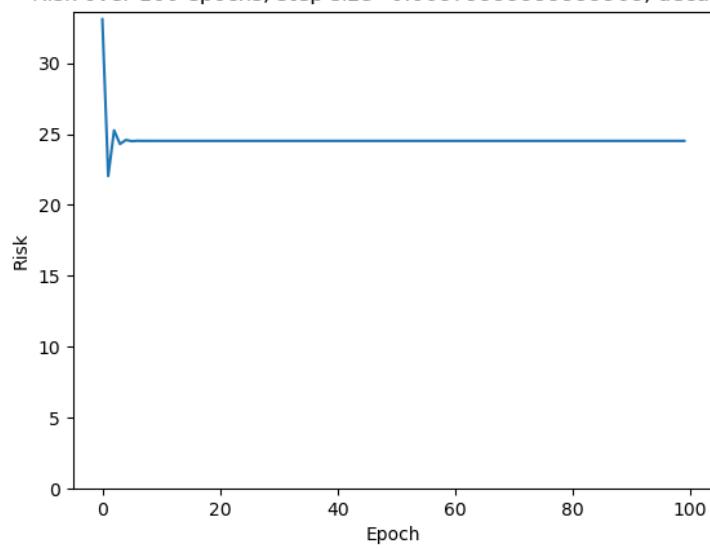
Risk over 100 epochs, step size=0.06889999999999968, decay=3



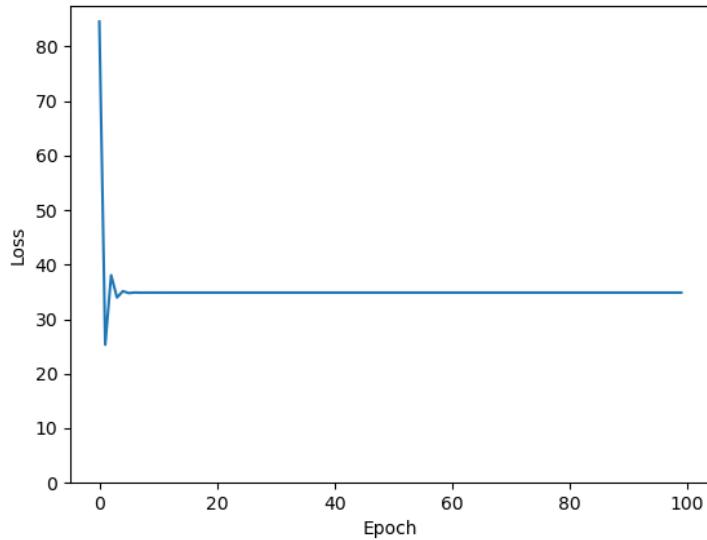
Loss over 100 epochs, step size=0.0687999999999968, decay=3



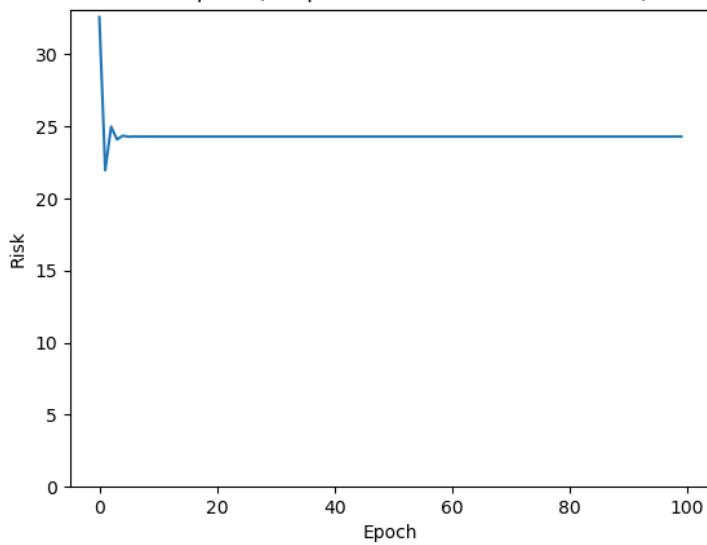
Risk over 100 epochs, step size=0.0687999999999968, decay=3



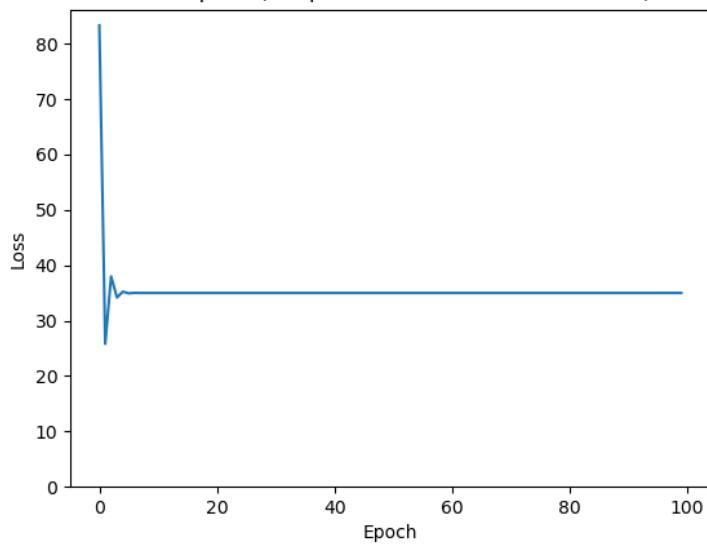
Loss over 100 epochs, step size=0.06869999999999968, decay=3



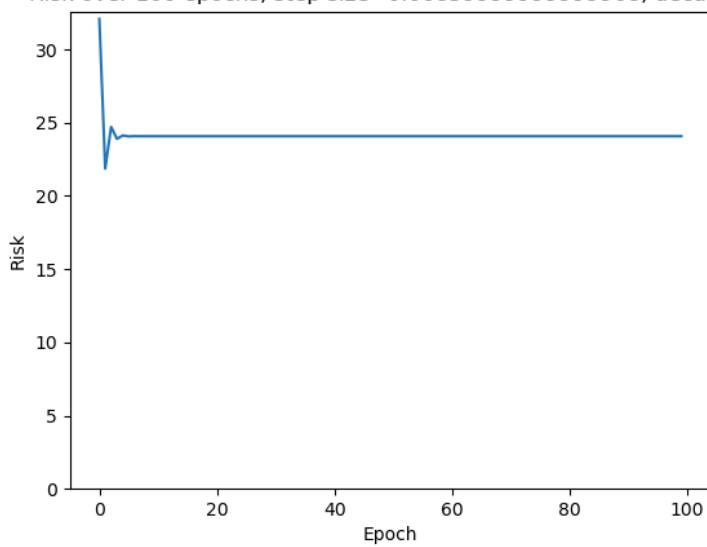
Risk over 100 epochs, step size=0.06869999999999968, decay=3



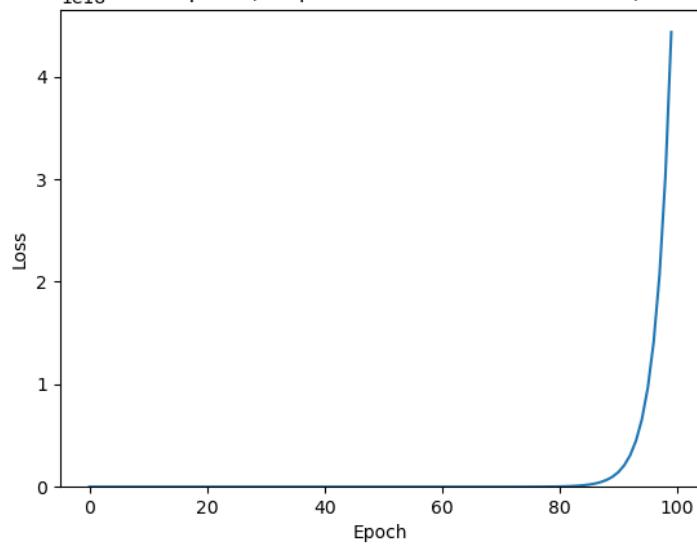
Loss over 100 epochs, step size=0.06859999999999968, decay=3



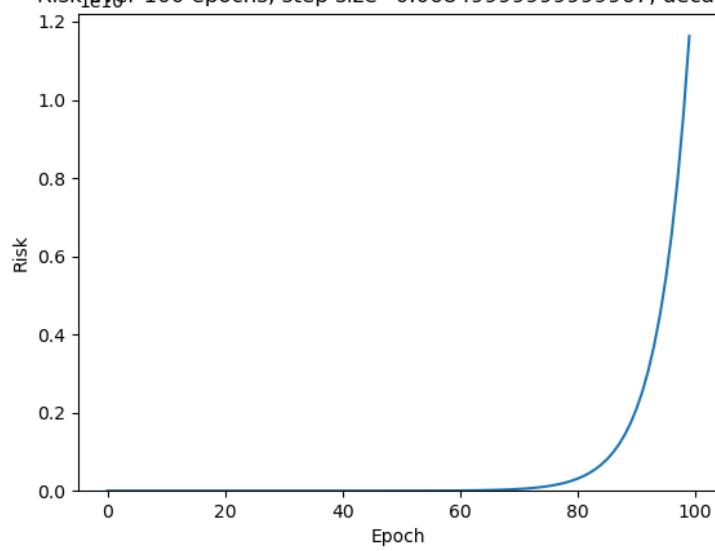
Risk over 100 epochs, step size=0.06859999999999968, decay=3

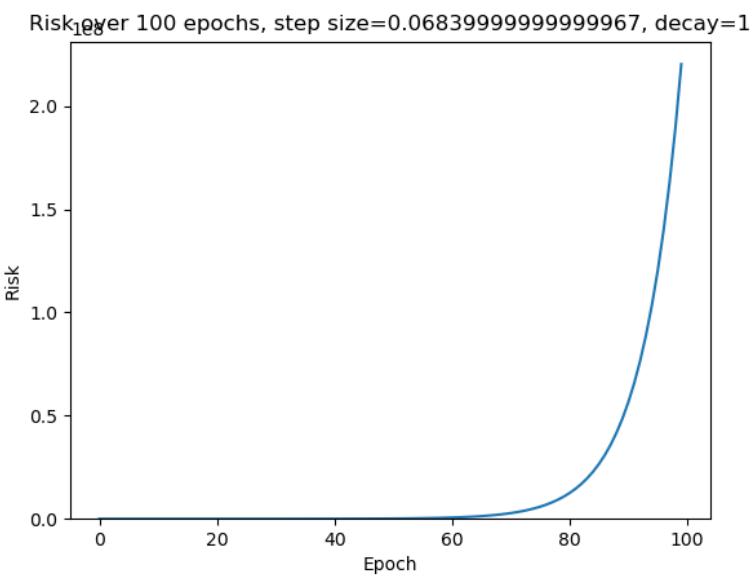
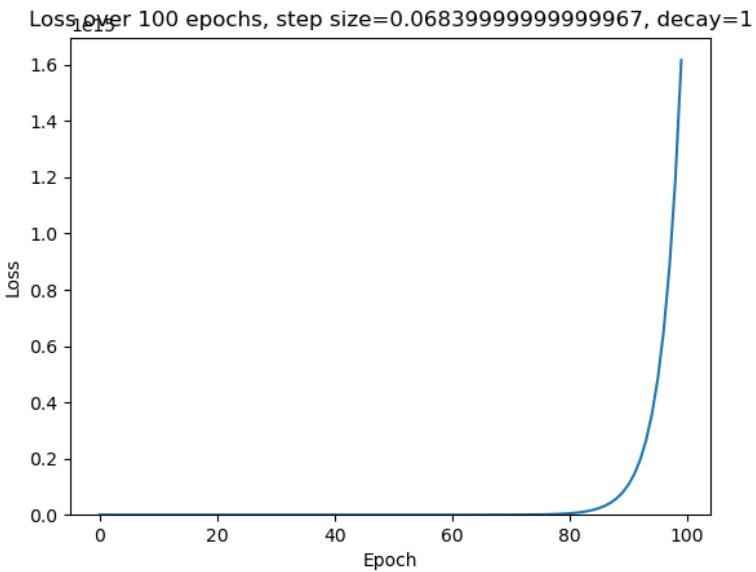


Loss₁₁₈ over 100 epochs, step size=0.0684999999999967, decay=1

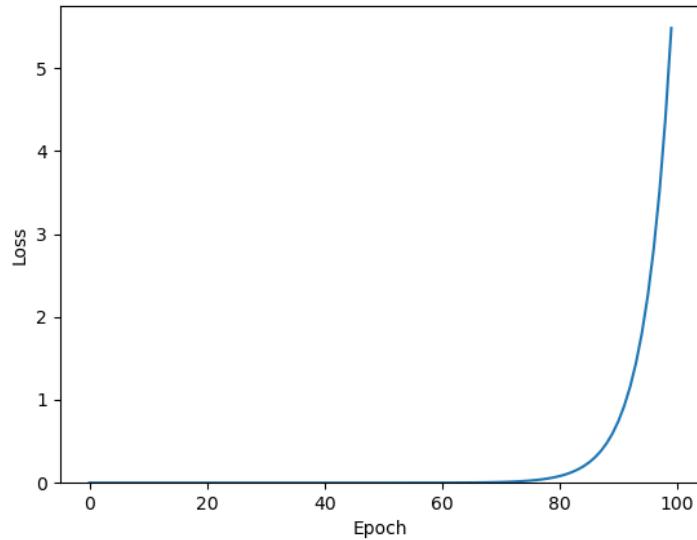


Risk₁₁₈ over 100 epochs, step size=0.0684999999999967, decay=1

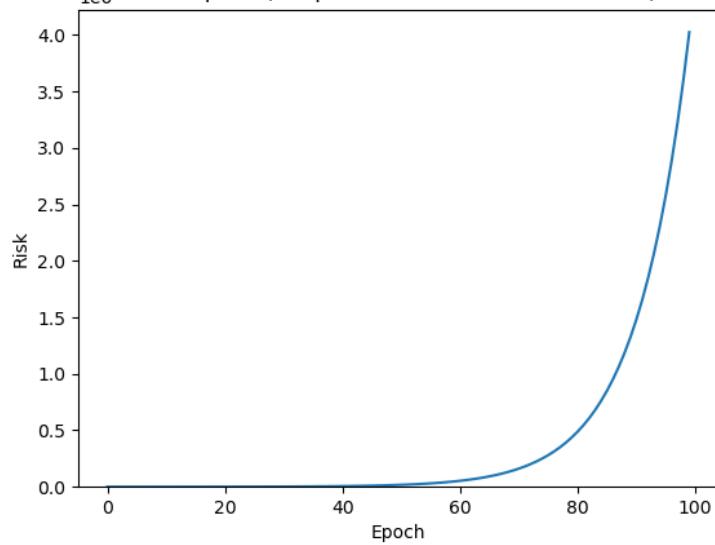


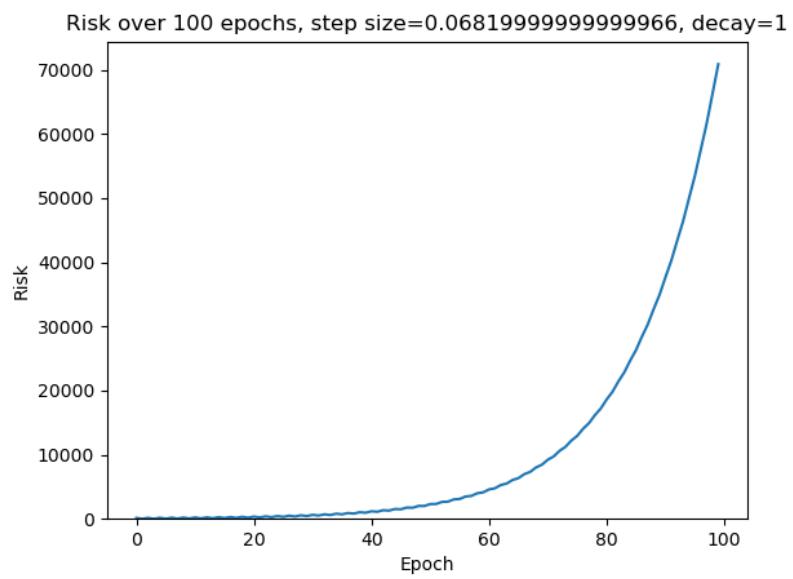
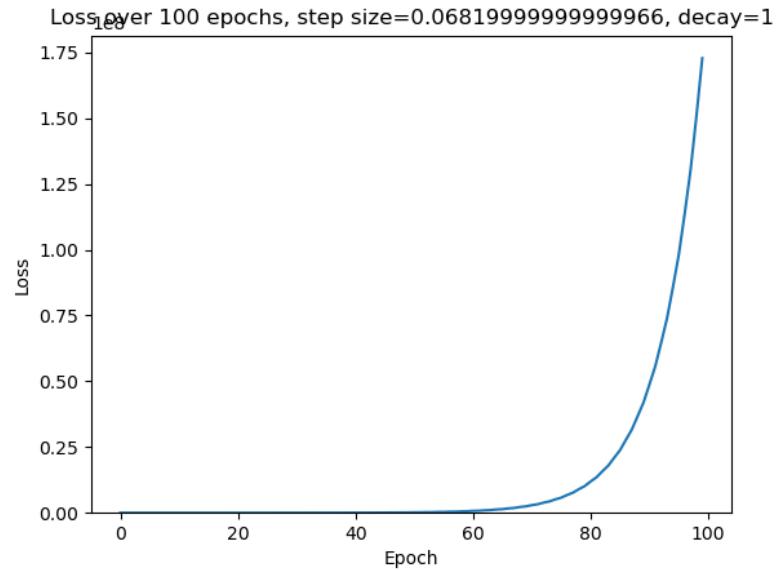


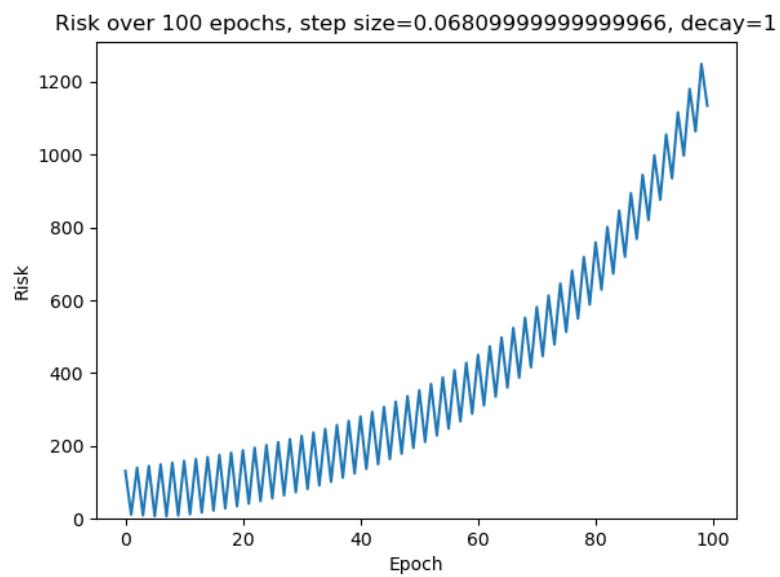
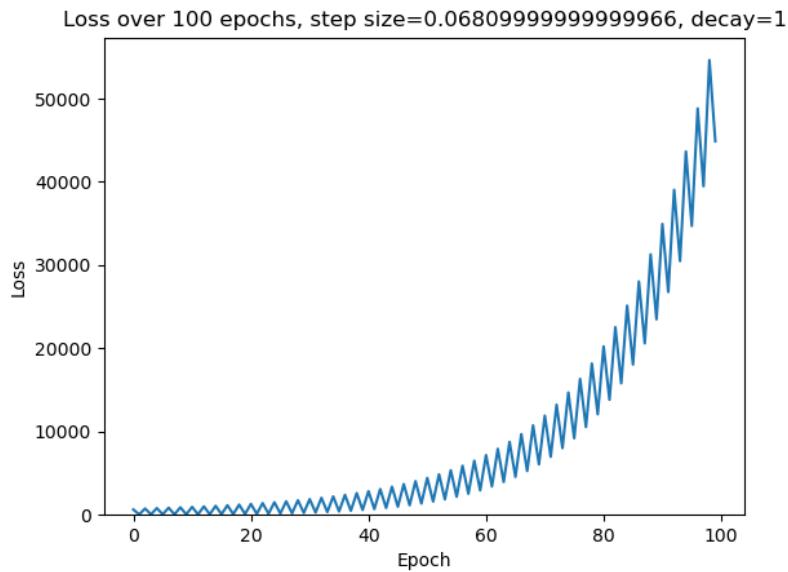
Loss₁₀₈ over 100 epochs, step size=0.0682999999999967, decay=1

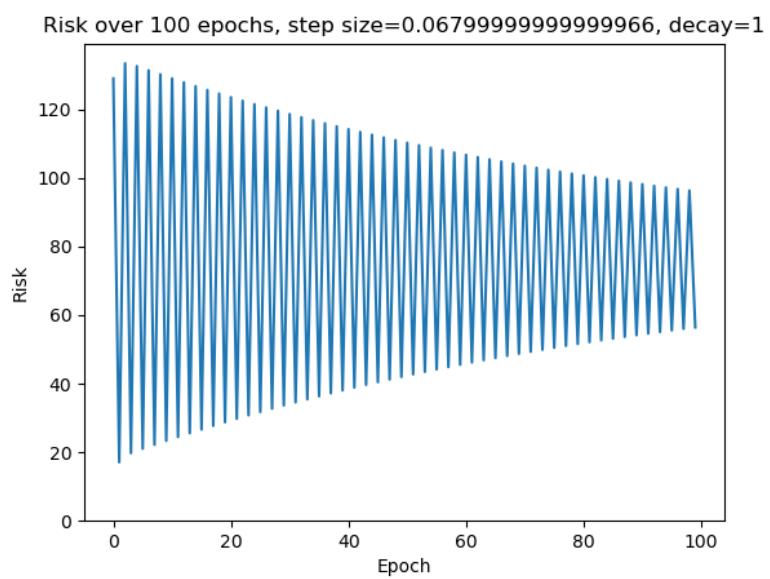
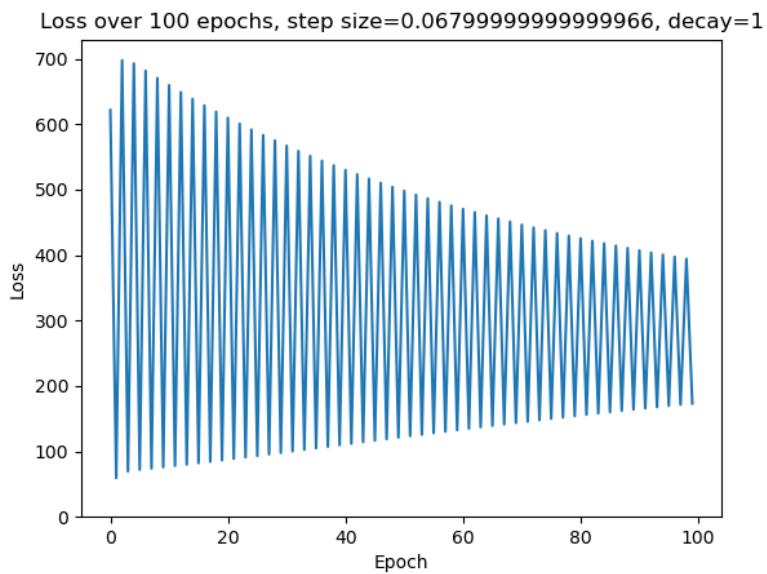


Risk₁₀₈ over 100 epochs, step size=0.0682999999999967, decay=1

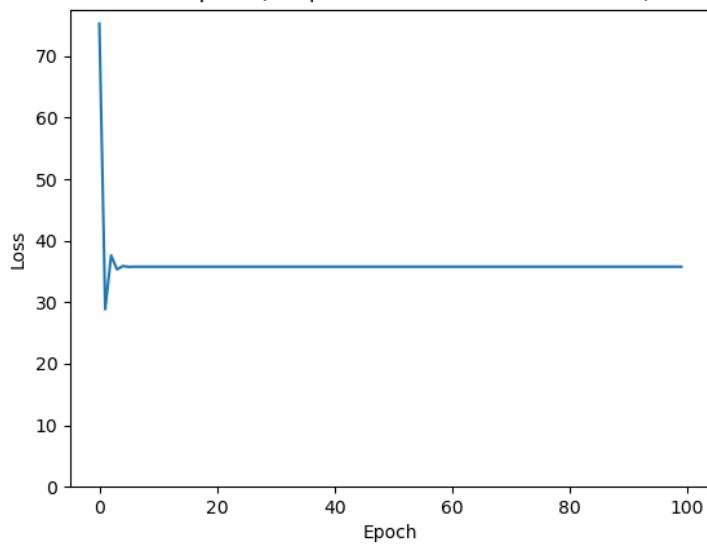




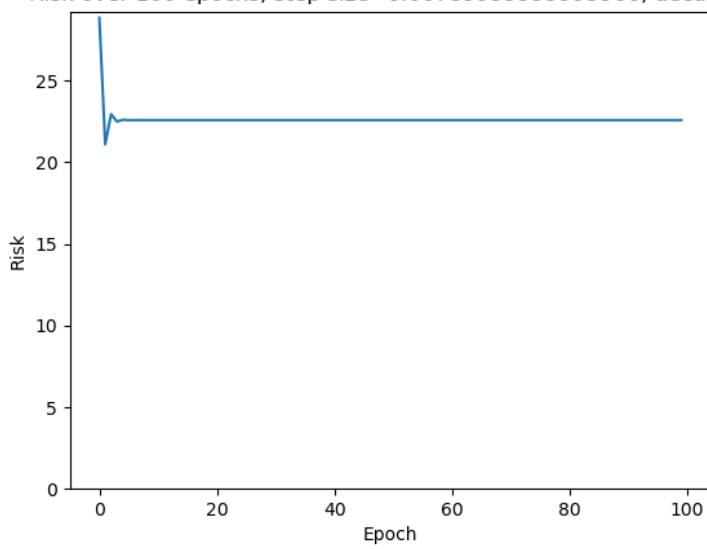




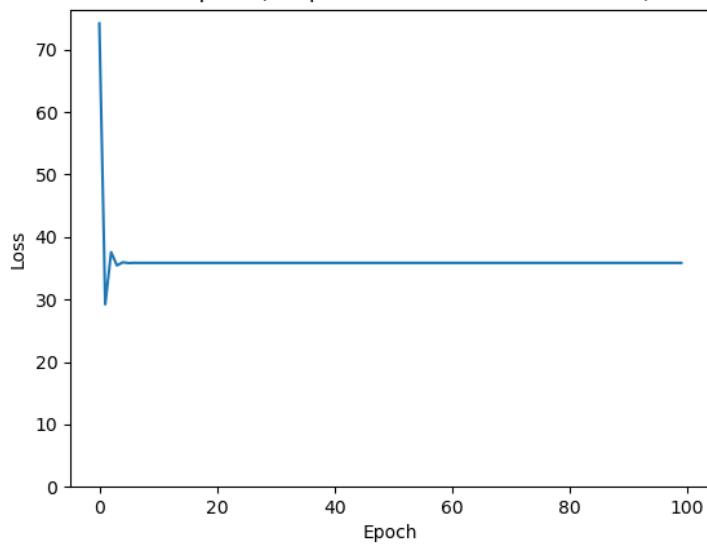
Loss over 100 epochs, step size=0.0678999999999966, decay=3



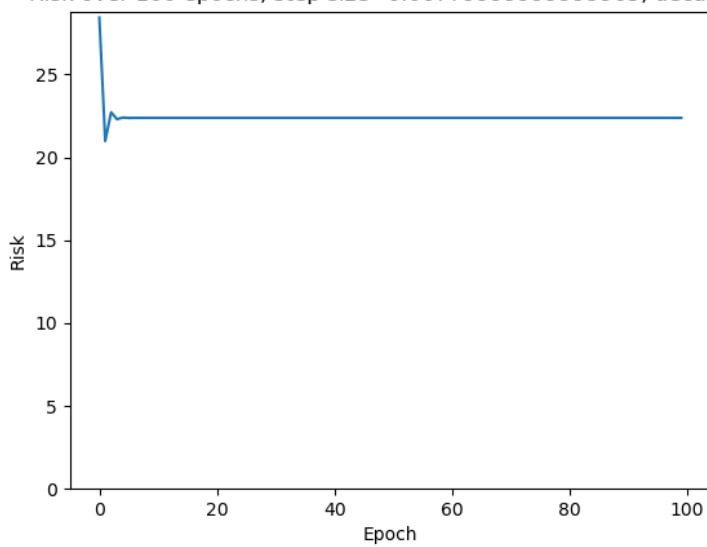
Risk over 100 epochs, step size=0.0678999999999966, decay=3



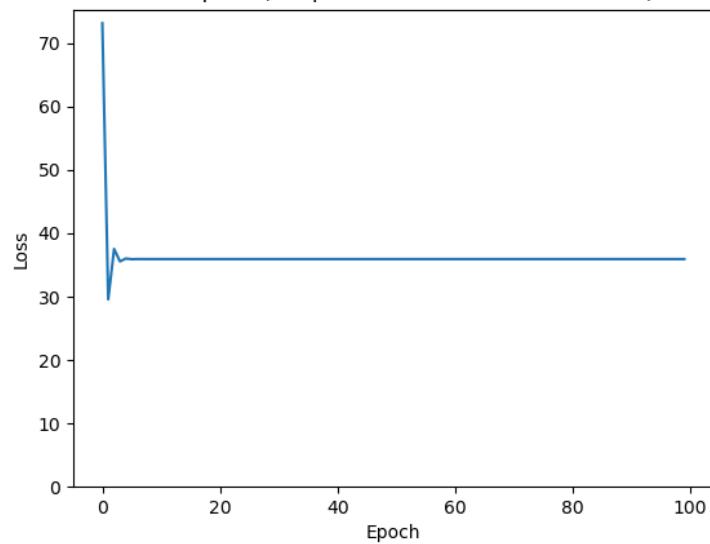
Loss over 100 epochs, step size=0.06779999999999965, decay=3



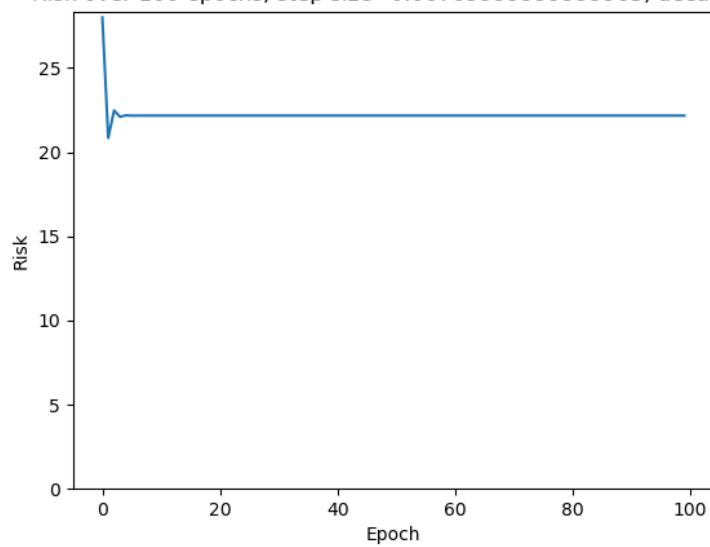
Risk over 100 epochs, step size=0.06779999999999965, decay=3



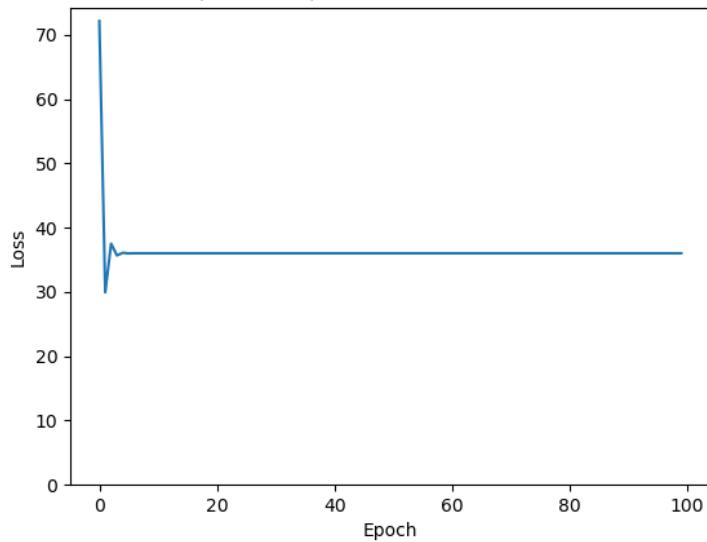
Loss over 100 epochs, step size=0.06769999999999965, decay=3



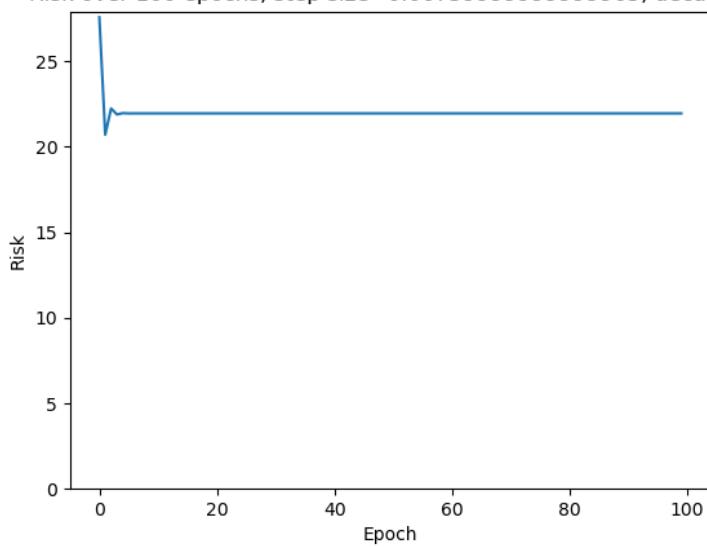
Risk over 100 epochs, step size=0.06769999999999965, decay=3



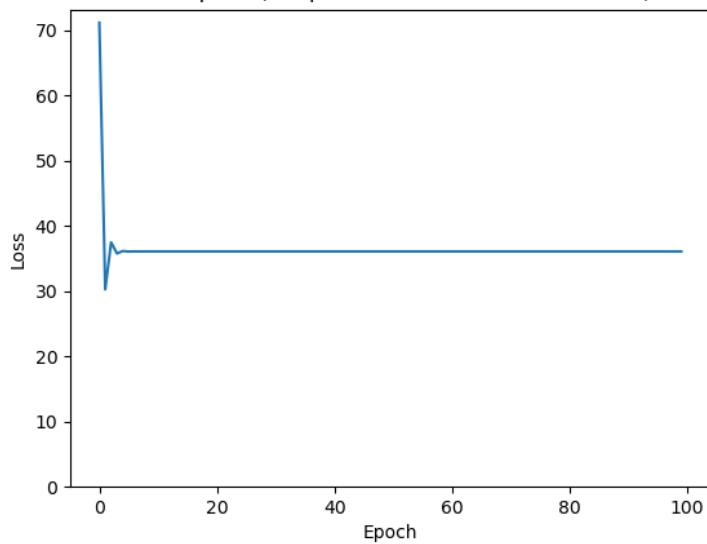
Loss over 100 epochs, step size=0.06759999999999965, decay=3



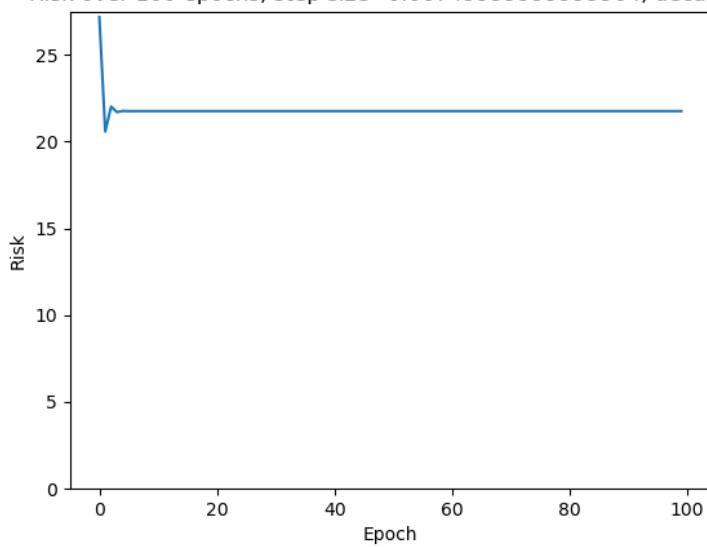
Risk over 100 epochs, step size=0.06759999999999965, decay=3



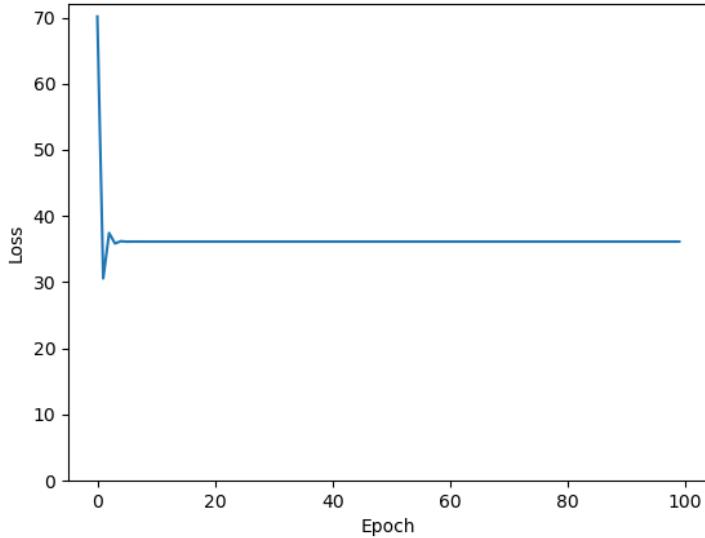
Loss over 100 epochs, step size=0.0674999999999964, decay=3



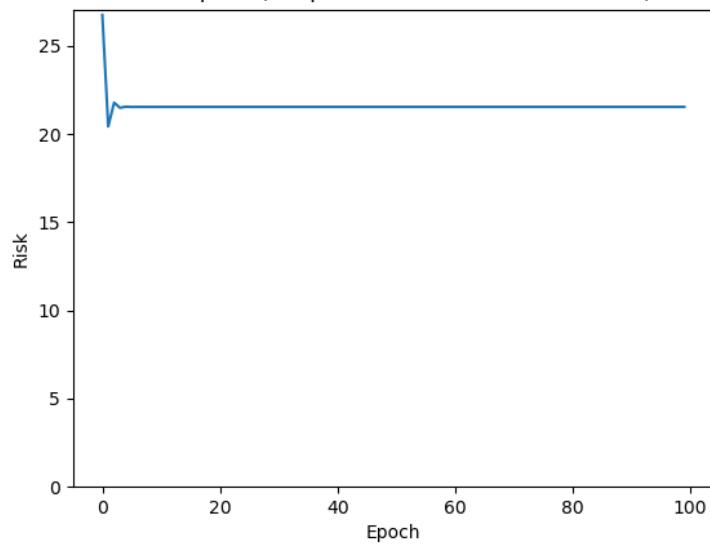
Risk over 100 epochs, step size=0.0674999999999964, decay=3

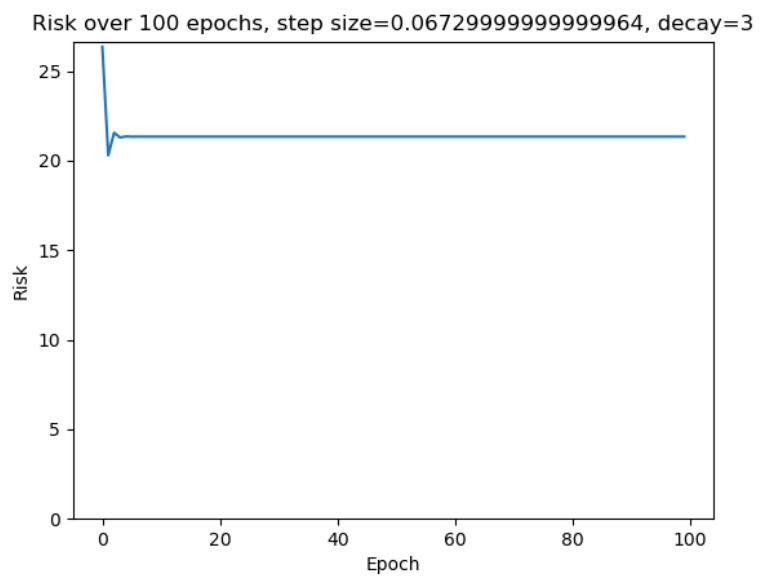
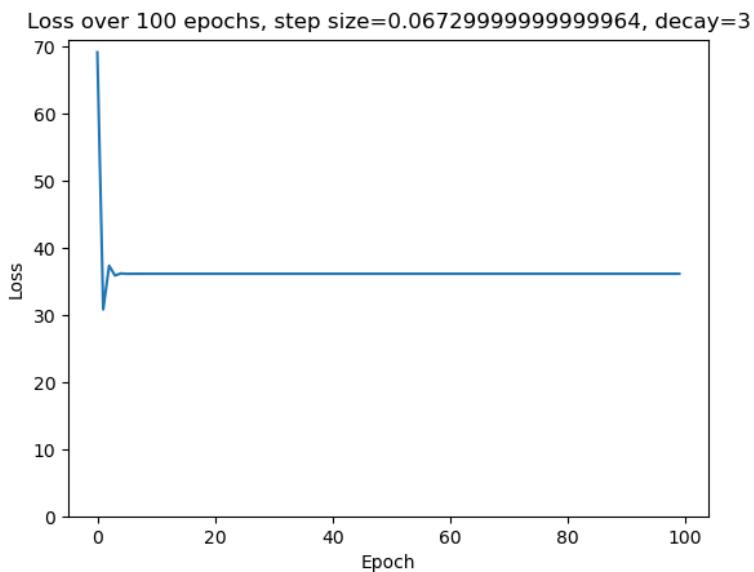


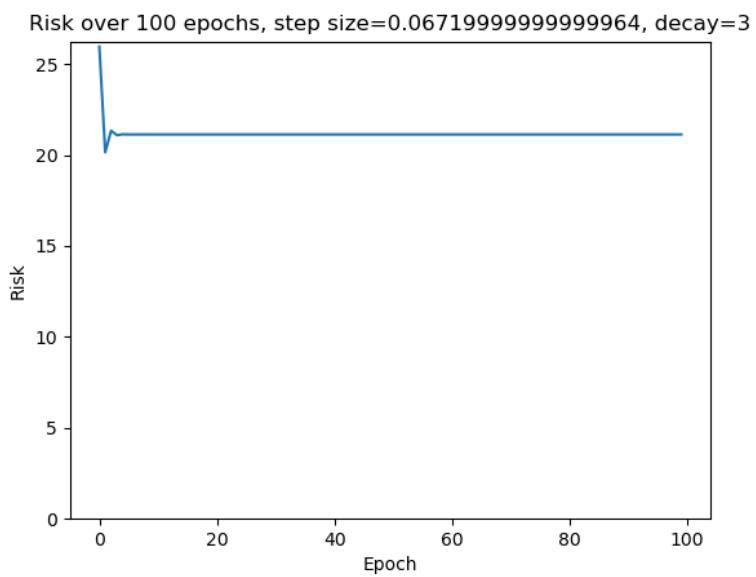
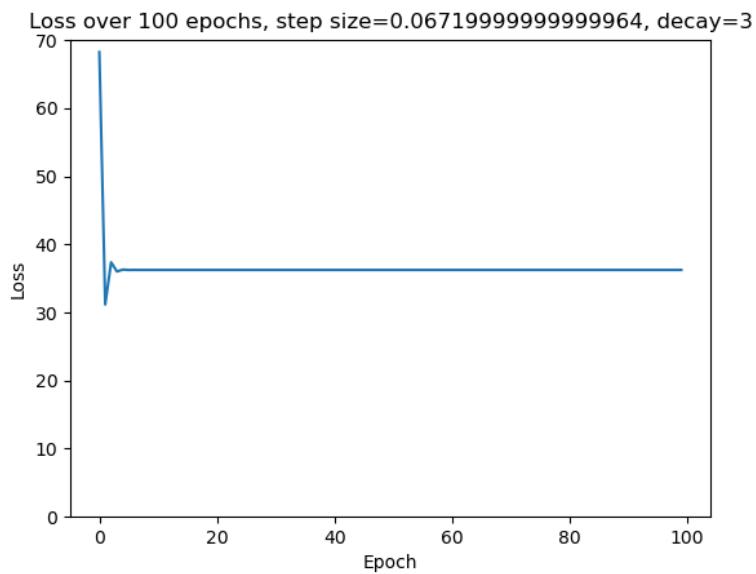
Loss over 100 epochs, step size=0.0673999999999964, decay=3



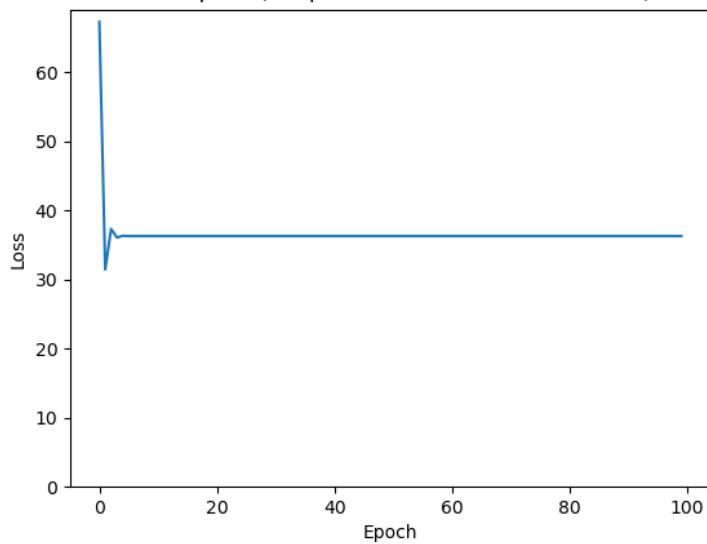
Risk over 100 epochs, step size=0.0673999999999964, decay=3



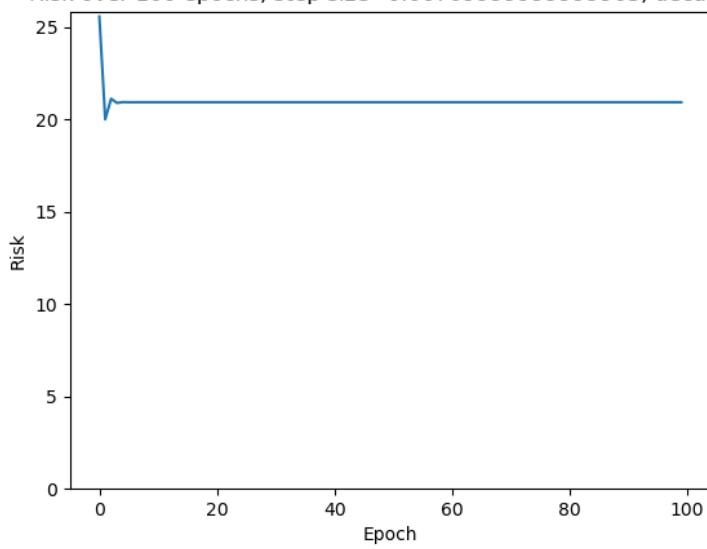




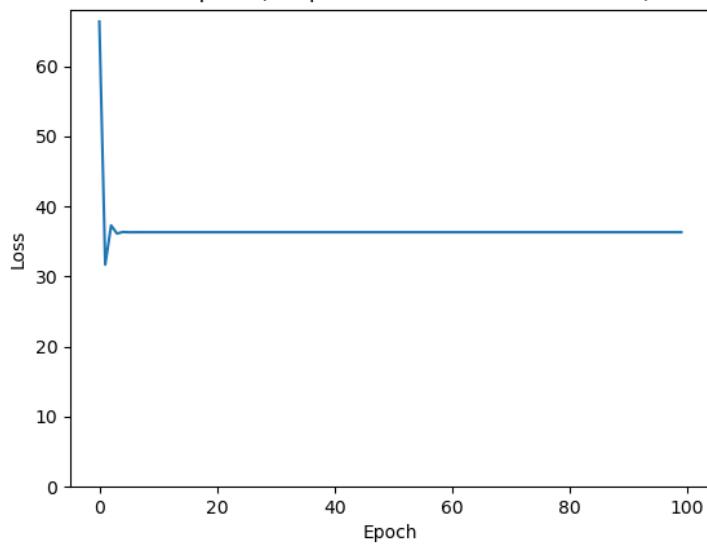
Loss over 100 epochs, step size=0.0670999999999963, decay=3



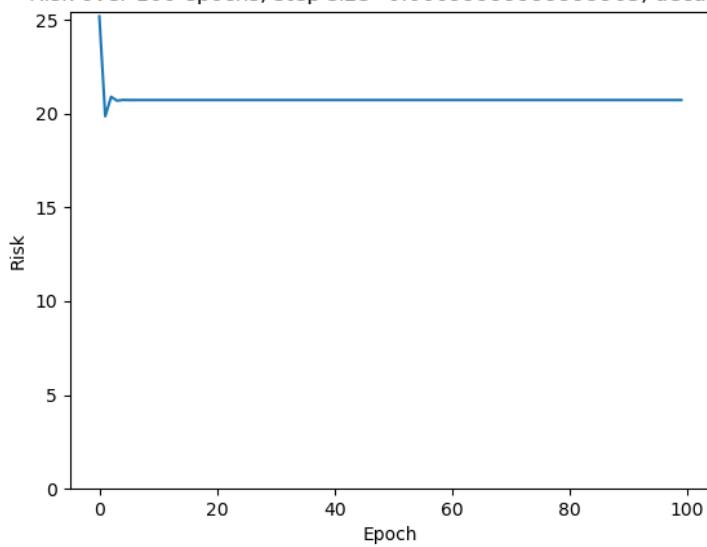
Risk over 100 epochs, step size=0.0670999999999963, decay=3



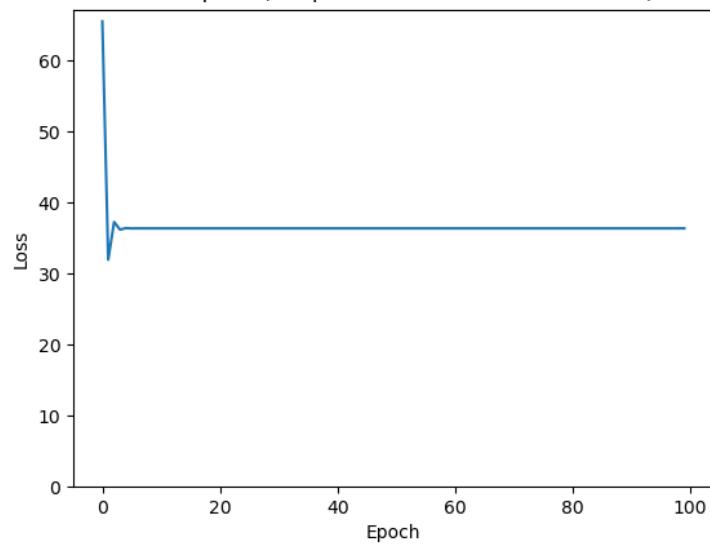
Loss over 100 epochs, step size=0.06699999999999963, decay=3



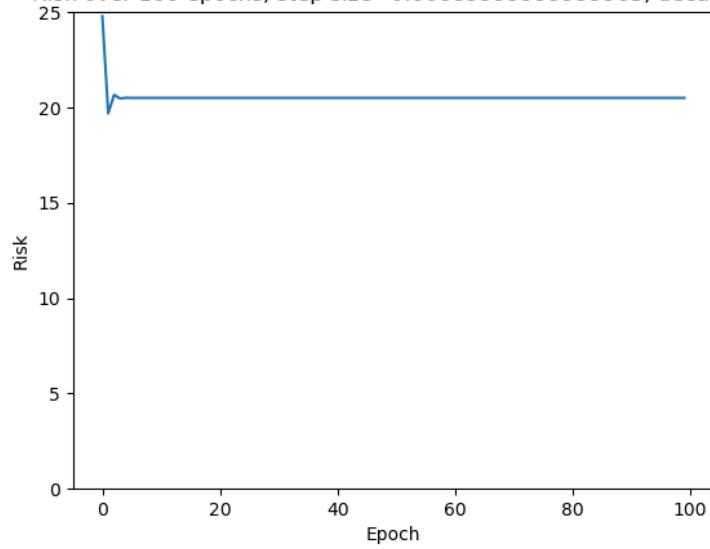
Risk over 100 epochs, step size=0.06699999999999963, decay=3



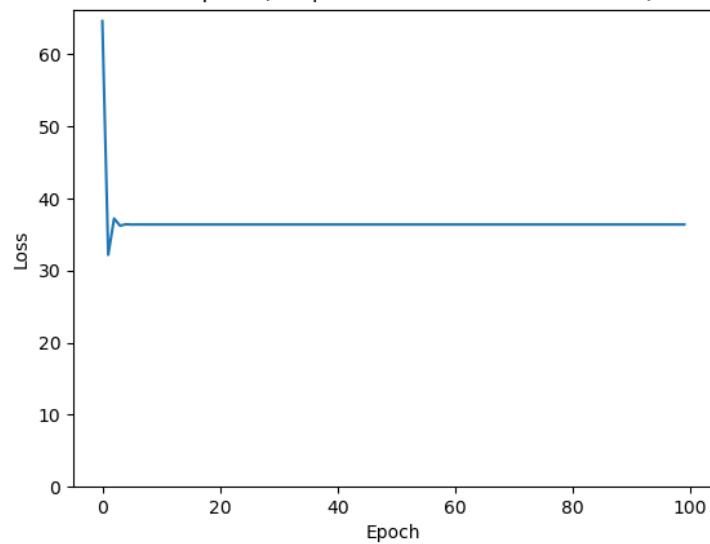
Loss over 100 epochs, step size=0.06689999999999963, decay=3



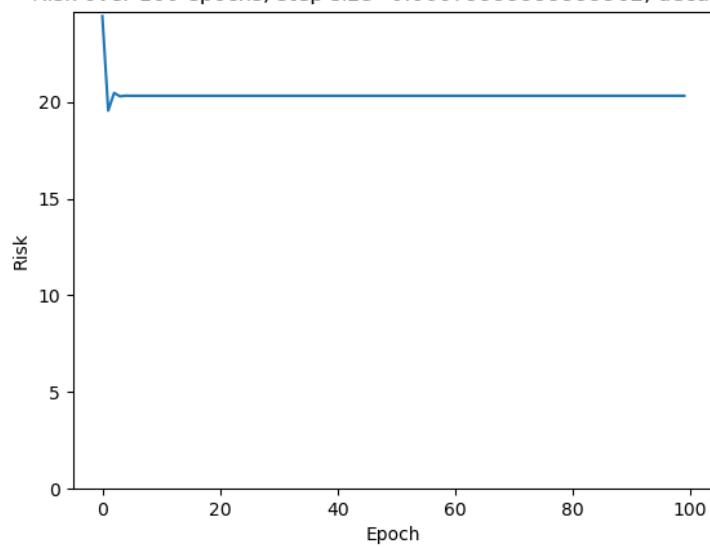
Risk over 100 epochs, step size=0.06689999999999963, decay=3



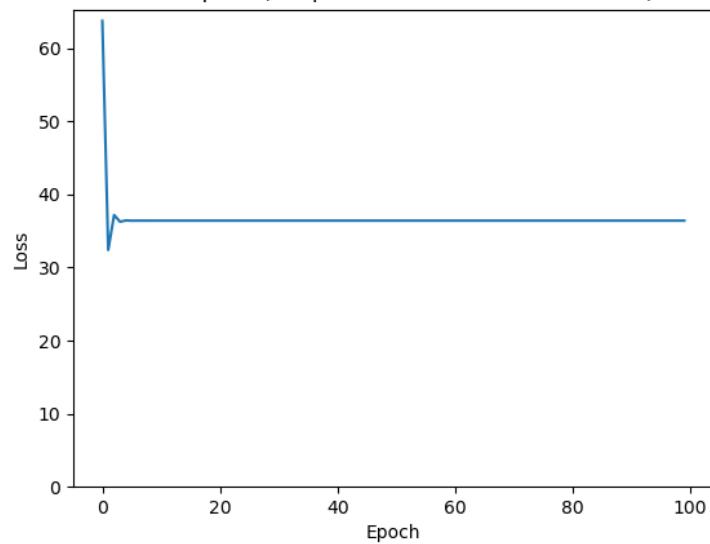
Loss over 100 epochs, step size=0.0667999999999962, decay=3



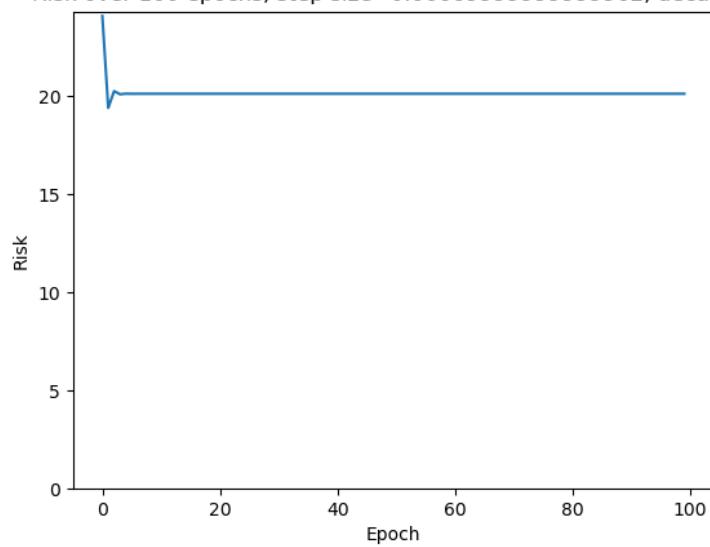
Risk over 100 epochs, step size=0.0667999999999962, decay=3



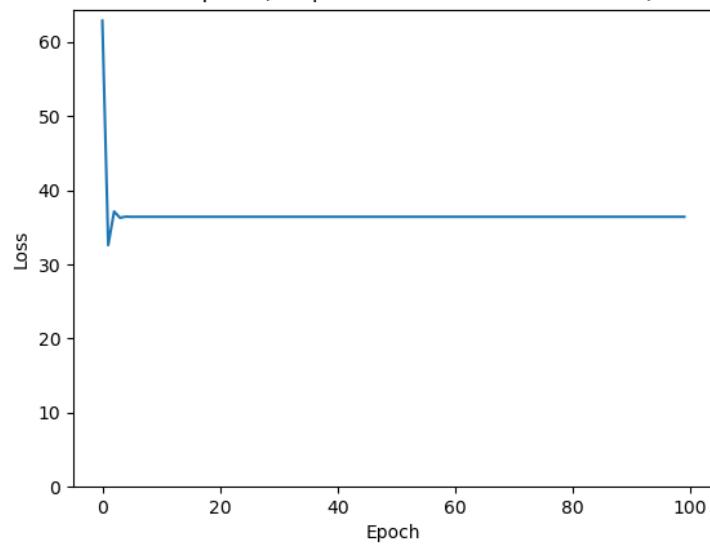
Loss over 100 epochs, step size=0.06669999999999962, decay=3



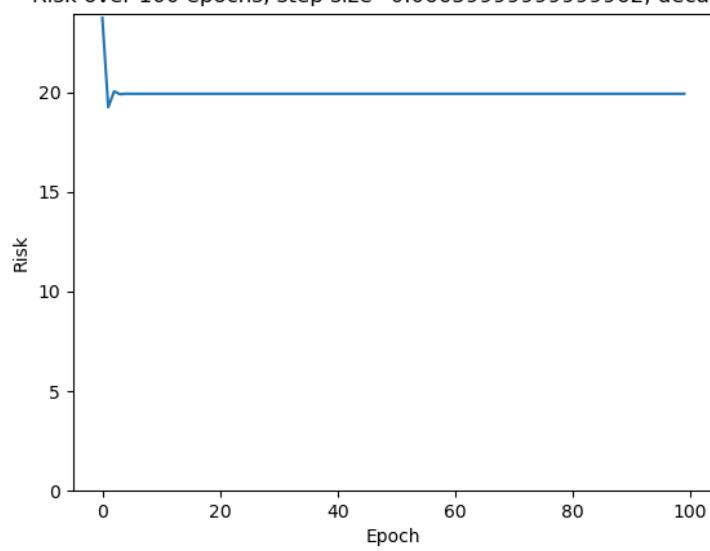
Risk over 100 epochs, step size=0.06669999999999962, decay=3



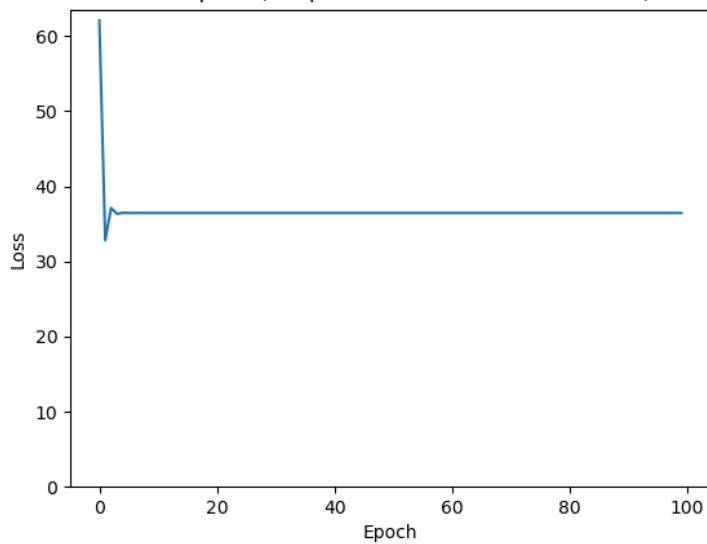
Loss over 100 epochs, step size=0.06659999999999962, decay=3



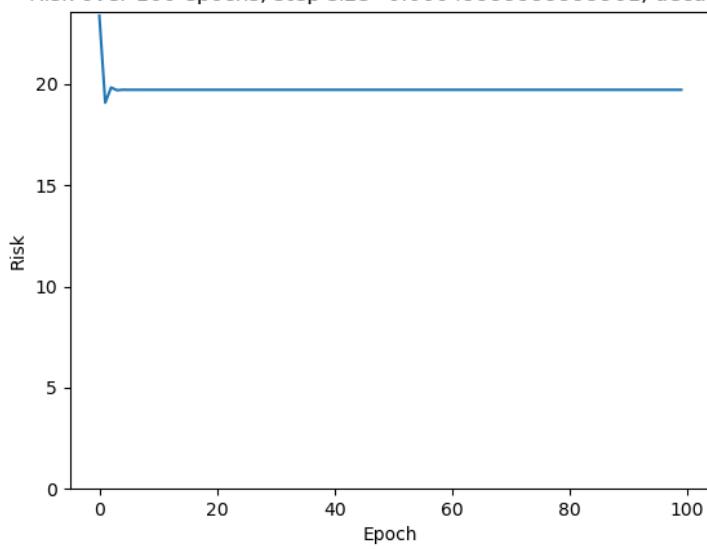
Risk over 100 epochs, step size=0.06659999999999962, decay=3



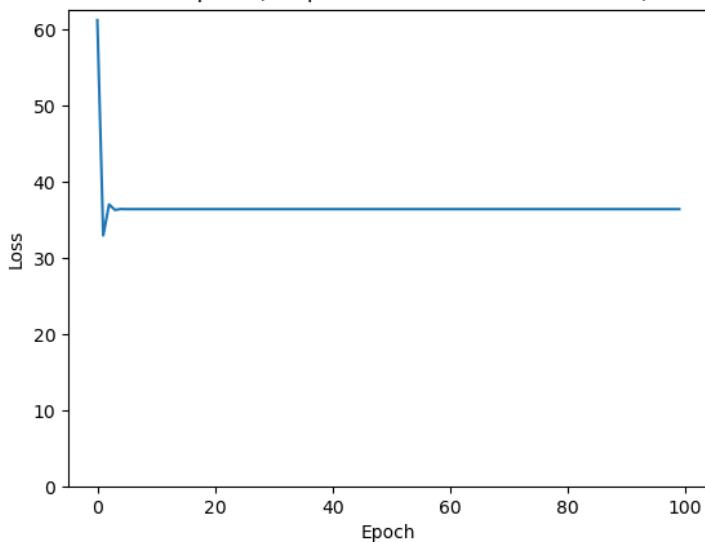
Loss over 100 epochs, step size=0.06649999999999961, decay=3



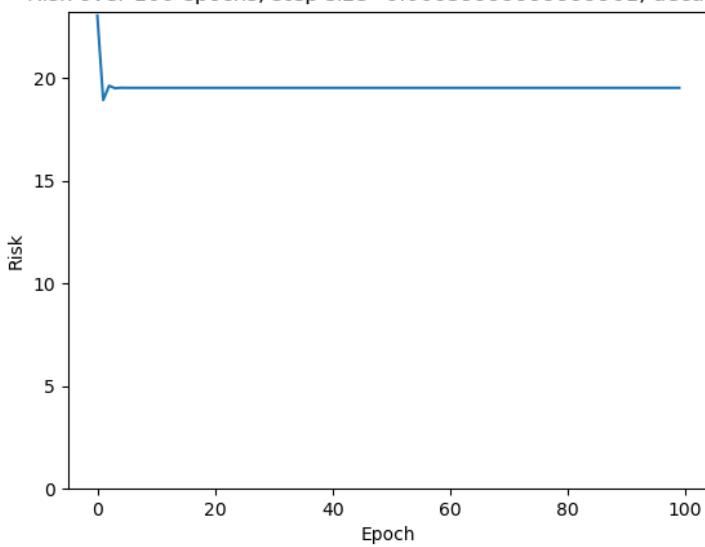
Risk over 100 epochs, step size=0.06649999999999961, decay=3

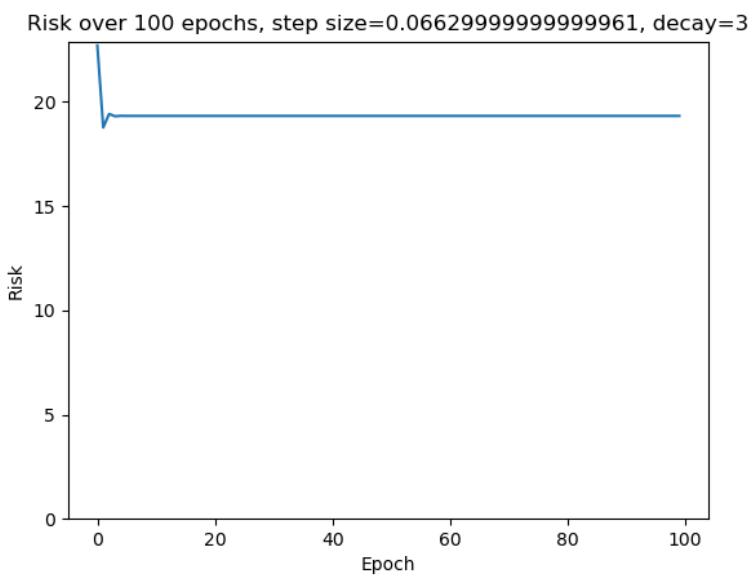
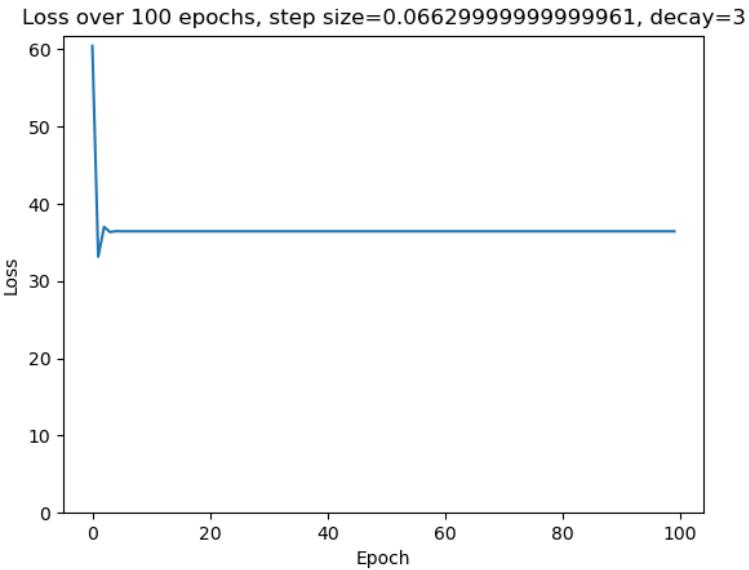


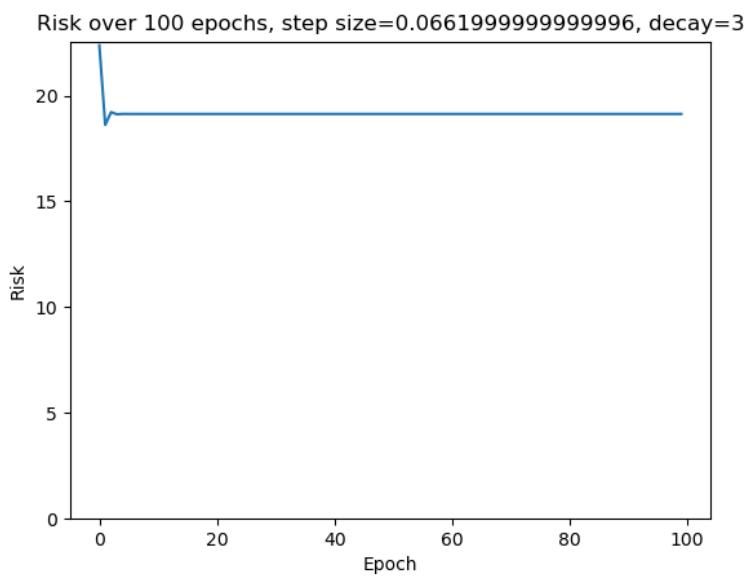
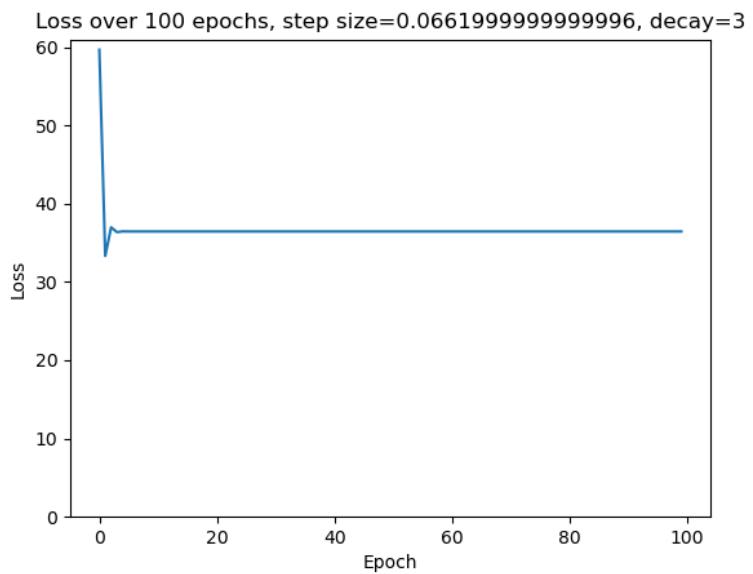
Loss over 100 epochs, step size=0.06639999999999961, decay=3

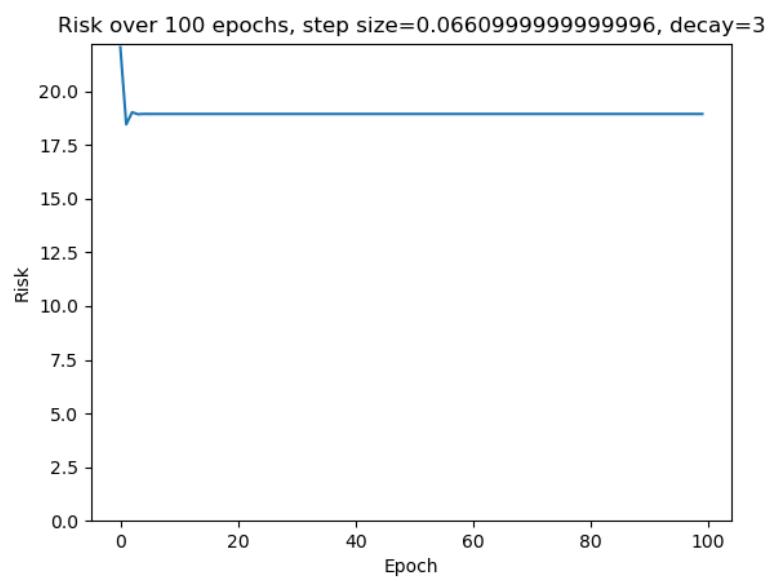
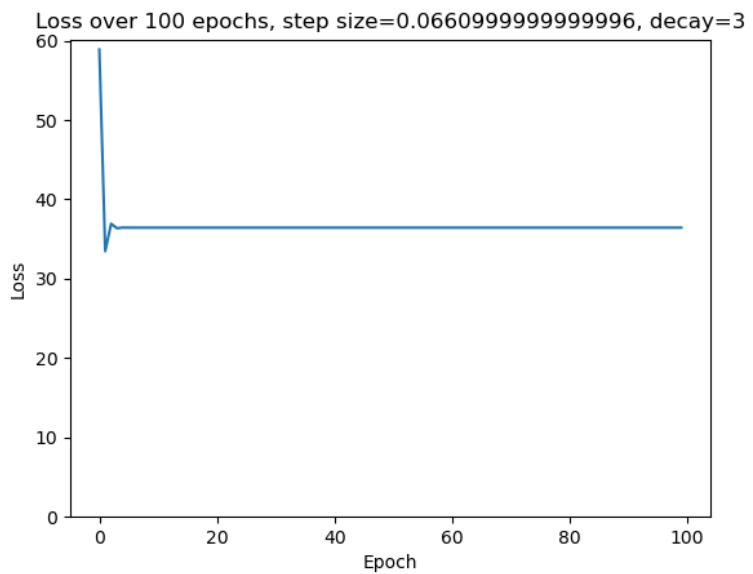


Risk over 100 epochs, step size=0.06639999999999961, decay=3

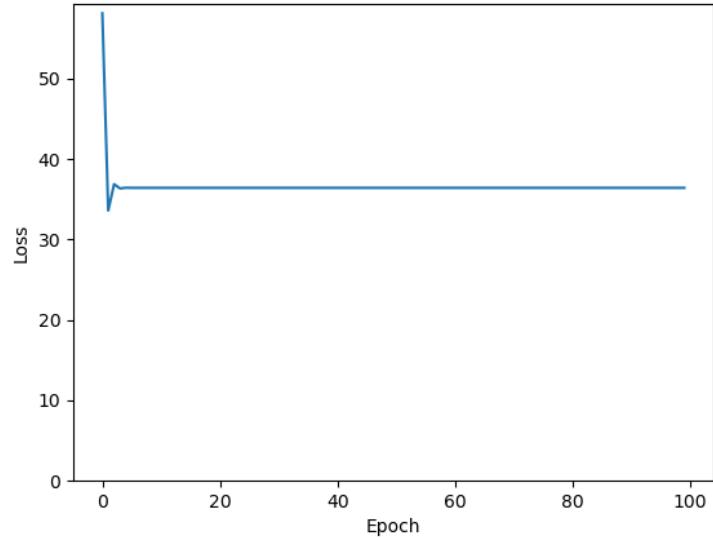




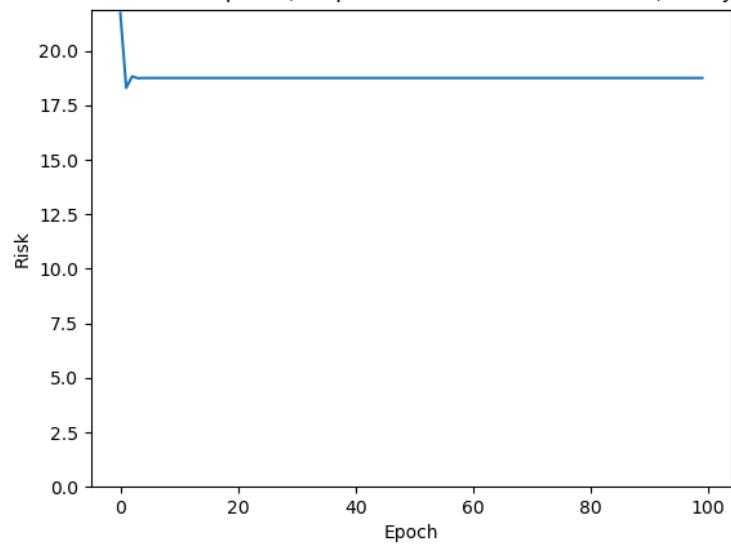




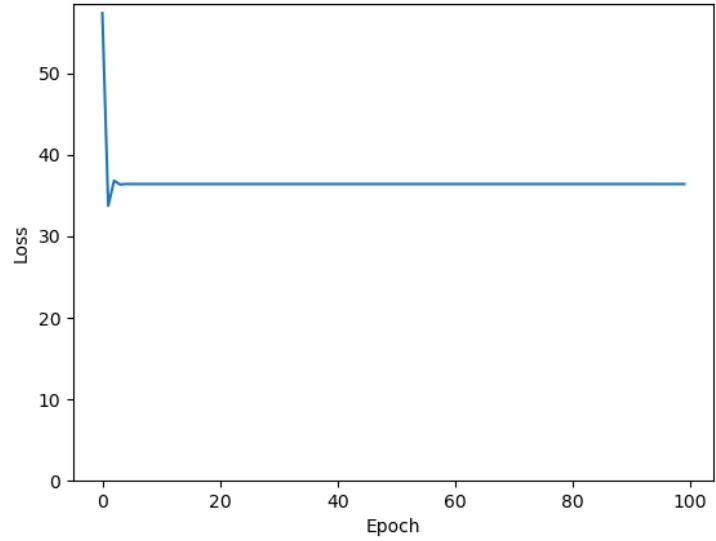
Loss over 100 epochs, step size=0.0659999999999996, decay=3



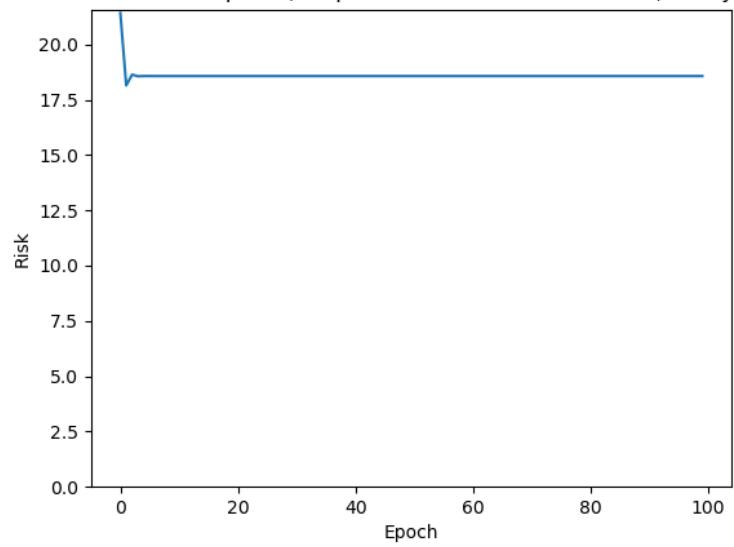
Risk over 100 epochs, step size=0.0659999999999996, decay=3



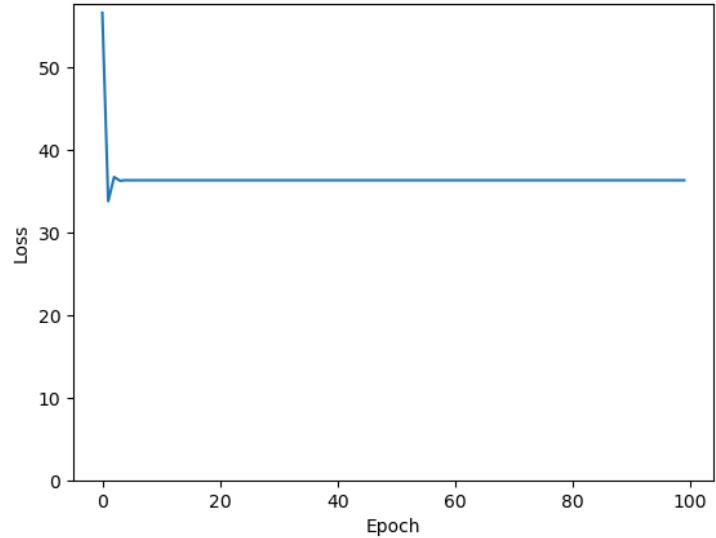
Loss over 100 epochs, step size=0.0658999999999996, decay=3



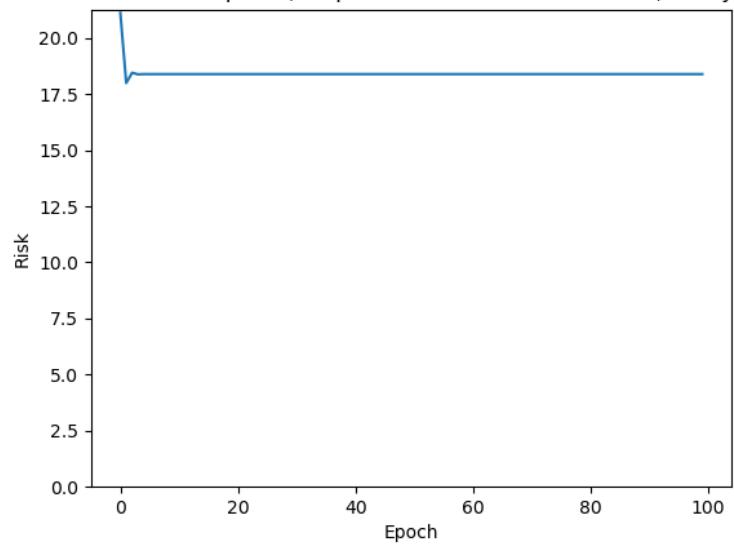
Risk over 100 epochs, step size=0.0658999999999996, decay=3



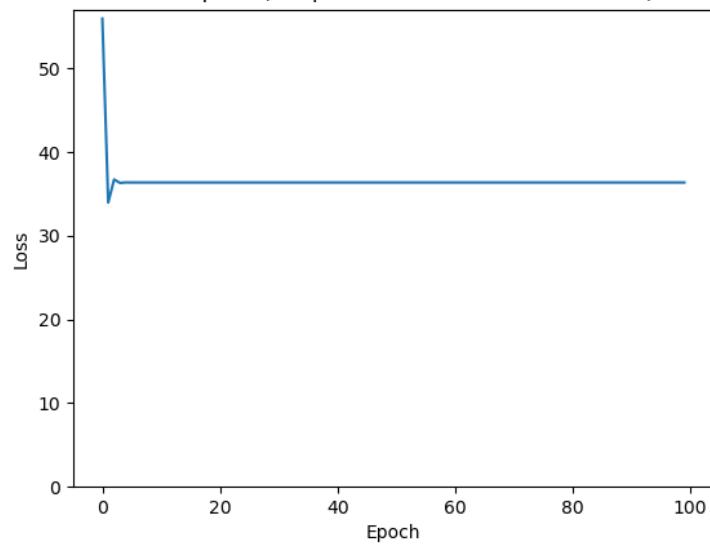
Loss over 100 epochs, step size=0.0657999999999996, decay=3



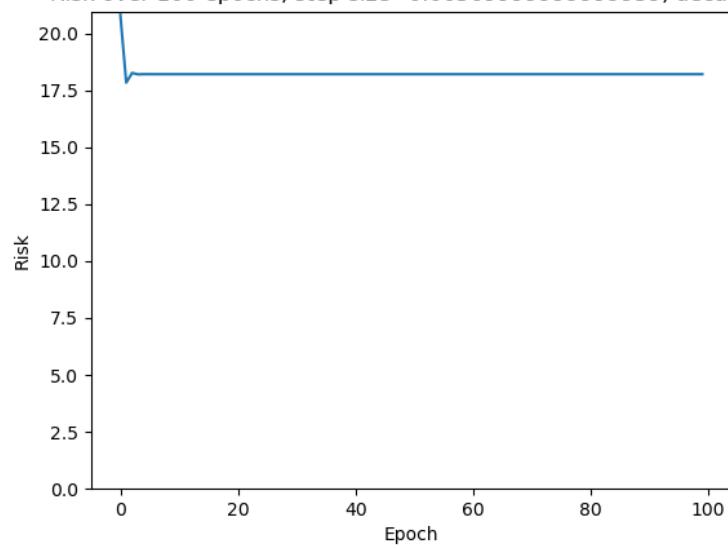
Risk over 100 epochs, step size=0.0657999999999996, decay=3



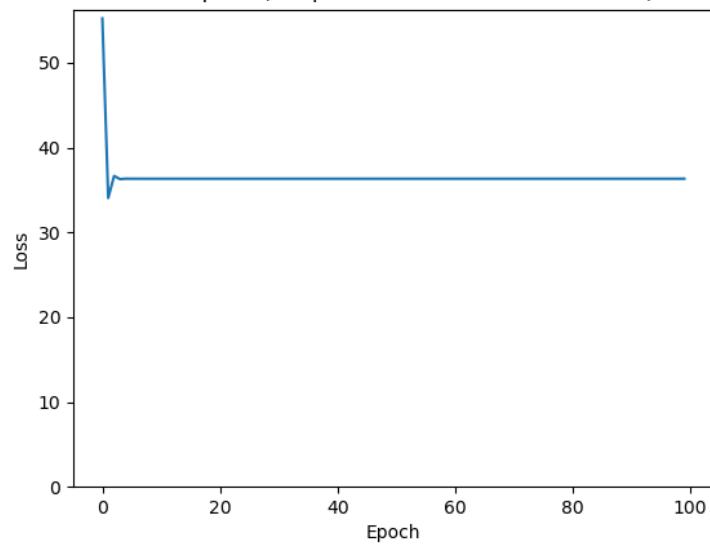
Loss over 100 epochs, step size=0.0656999999999959, decay=3



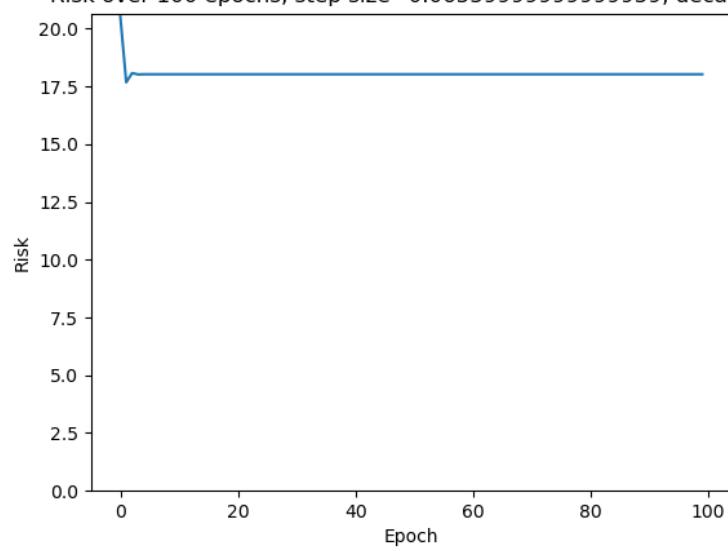
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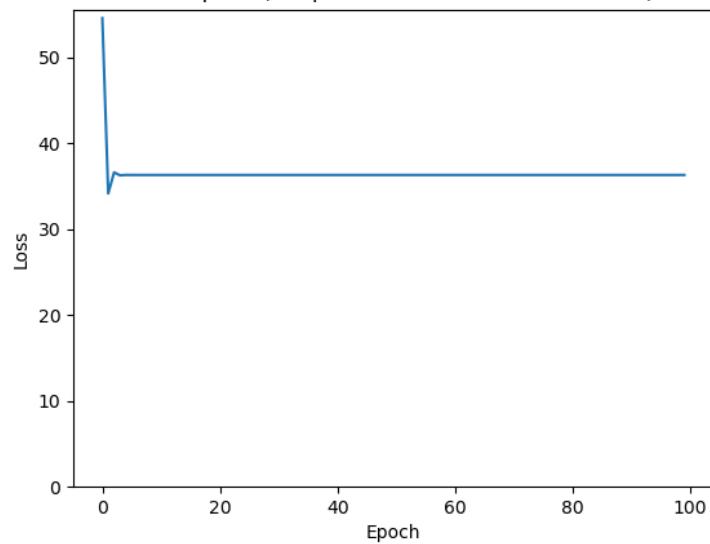
Loss over 100 epochs, step size=0.06559999999999959, decay=3



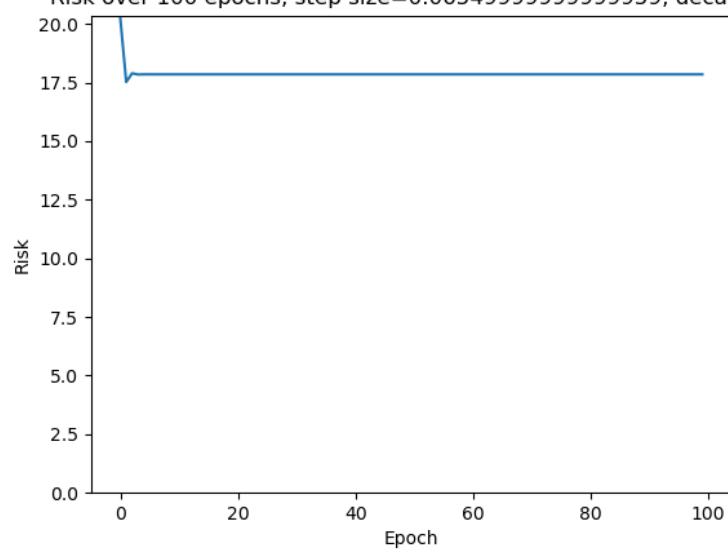
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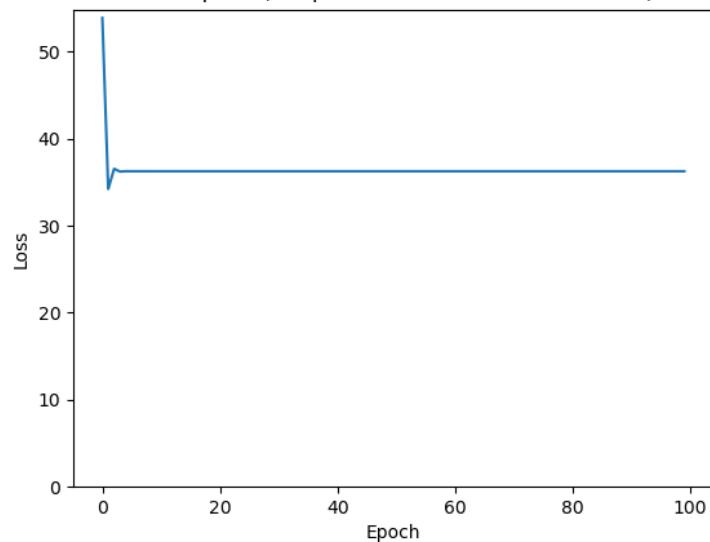
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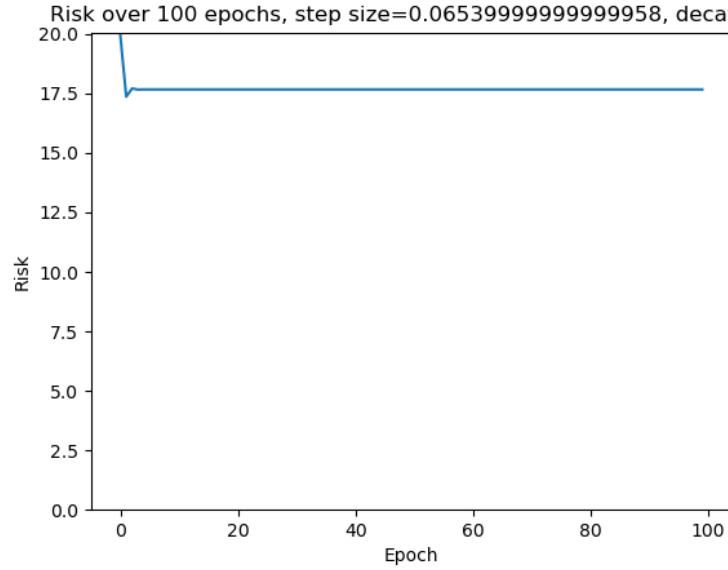
Risk over 100 epochs, step size=0.0654999999999959, decay=3



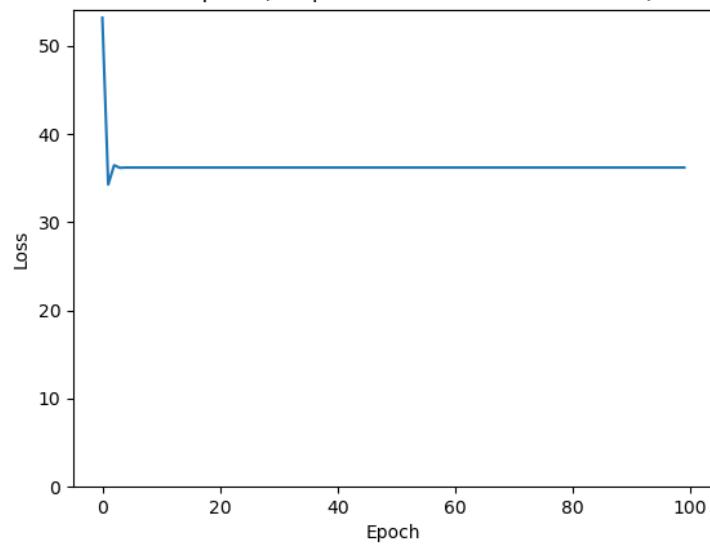
Loss over 100 epochs, step size=0.0653999999999958, decay=3



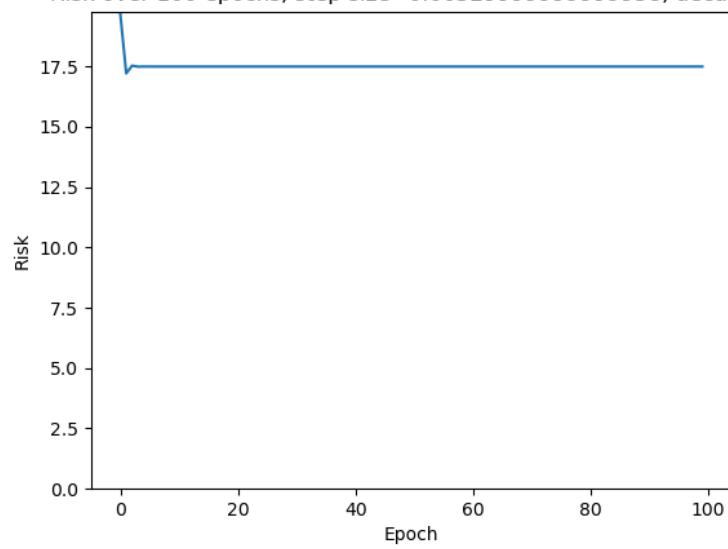
Risk over 100 epochs, step size=0.0653999999999958, decay=3



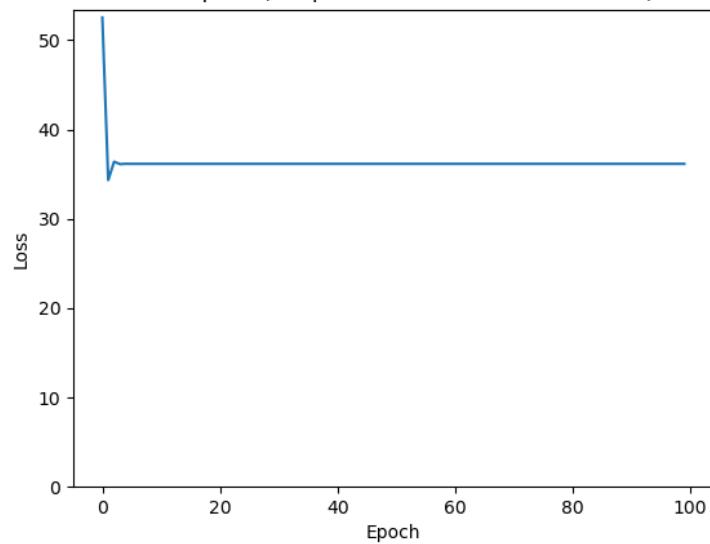
Loss over 100 epochs, step size=0.0652999999999958, decay=3



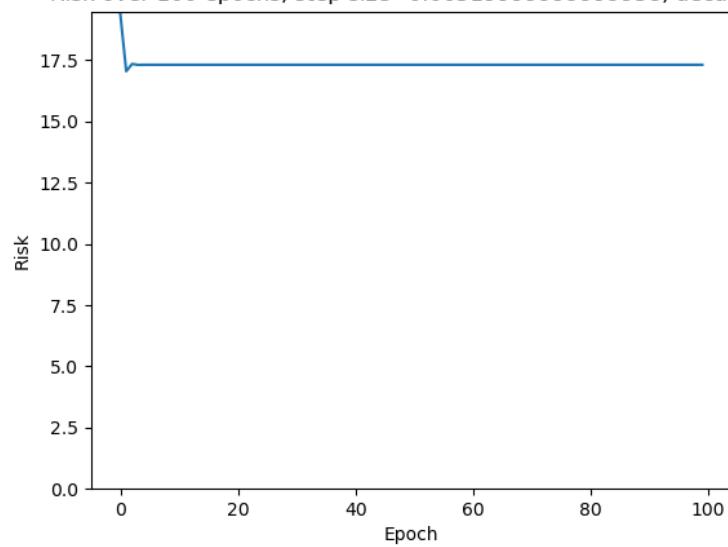
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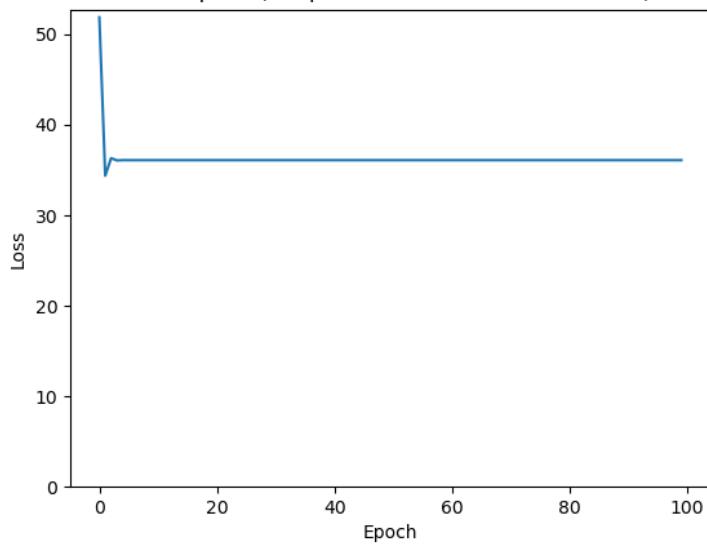
Loss over 100 epochs, step size=0.0651999999999958, decay=3



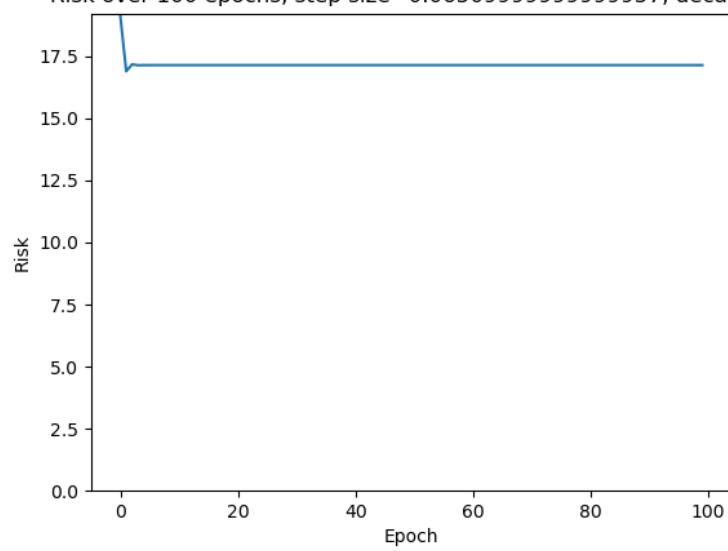
Risk over 100 epochs, step size=0.0651999999999958, decay=3



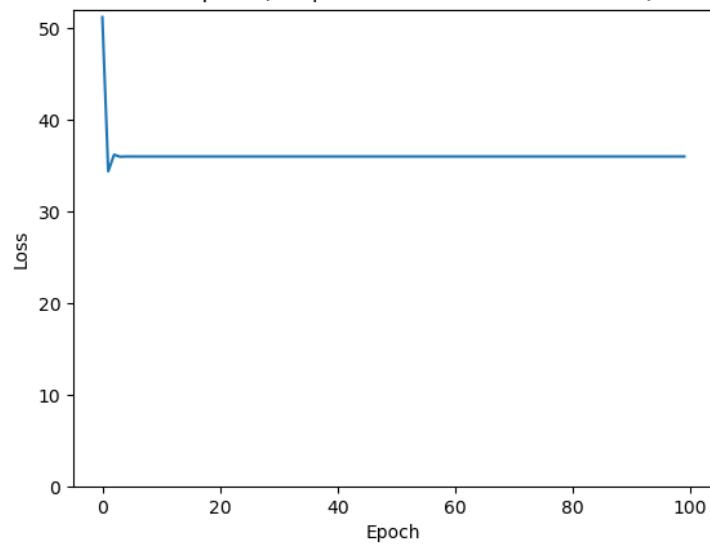
Loss over 100 epochs, step size=0.0650999999999957, decay=3



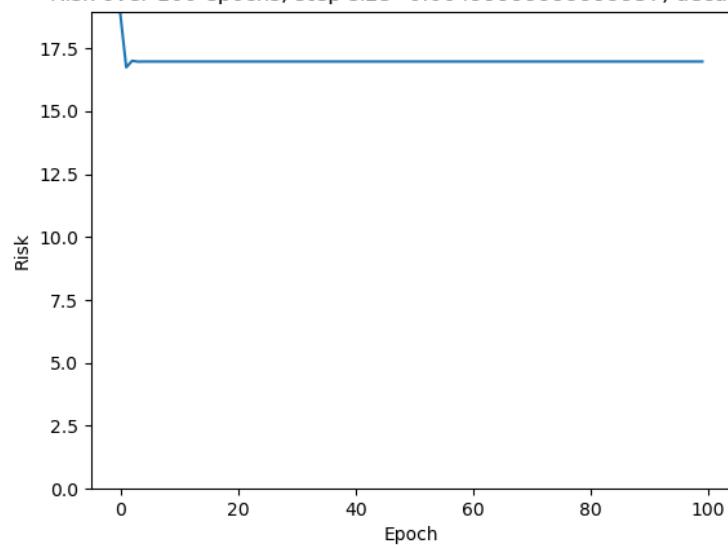
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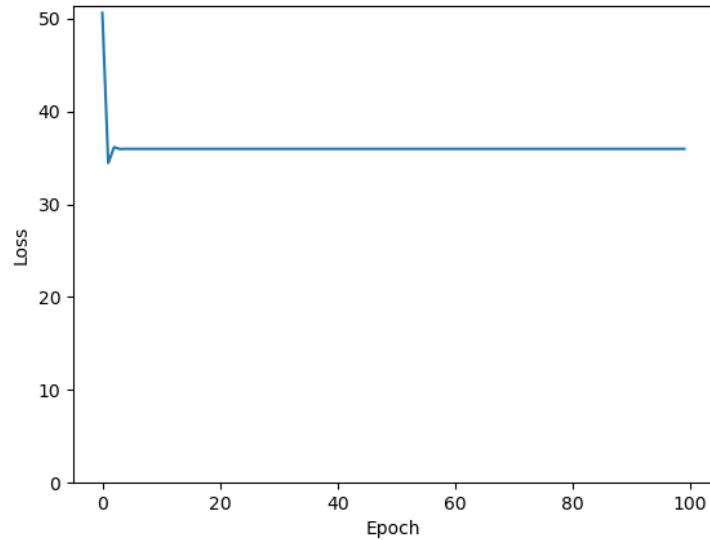
Loss over 100 epochs, step size=0.0649999999999957, decay=3



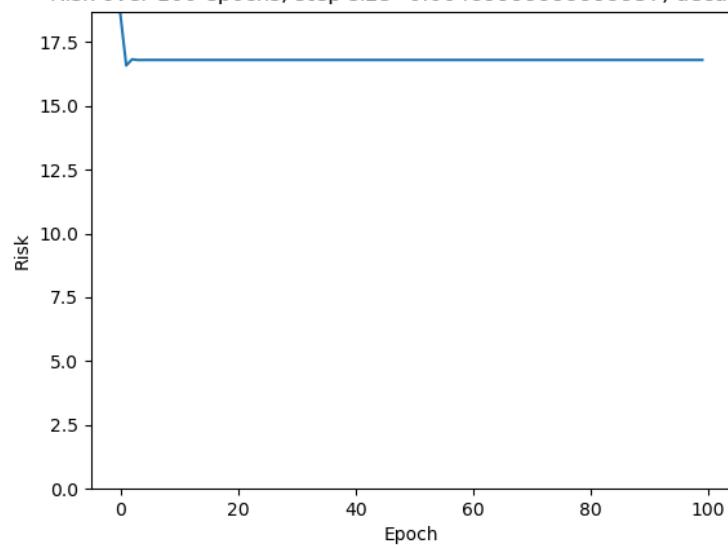
Risk over 100 epochs, step size=0.0649999999999957, decay=3

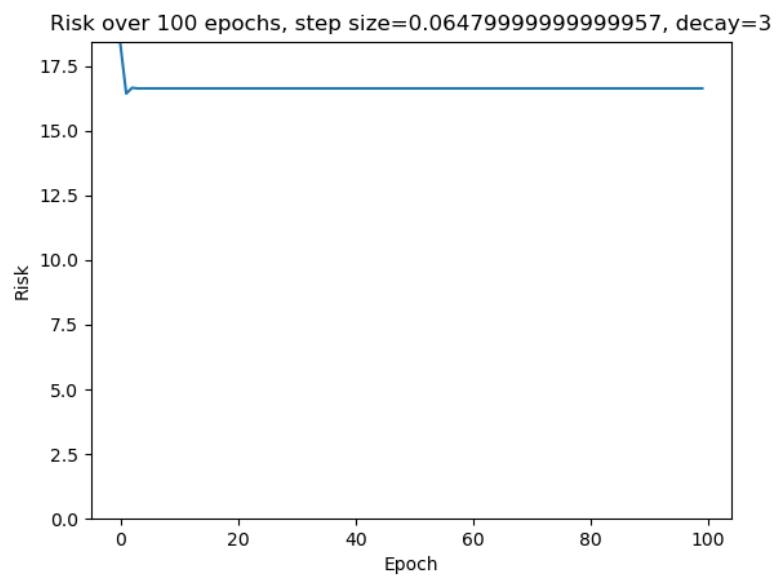
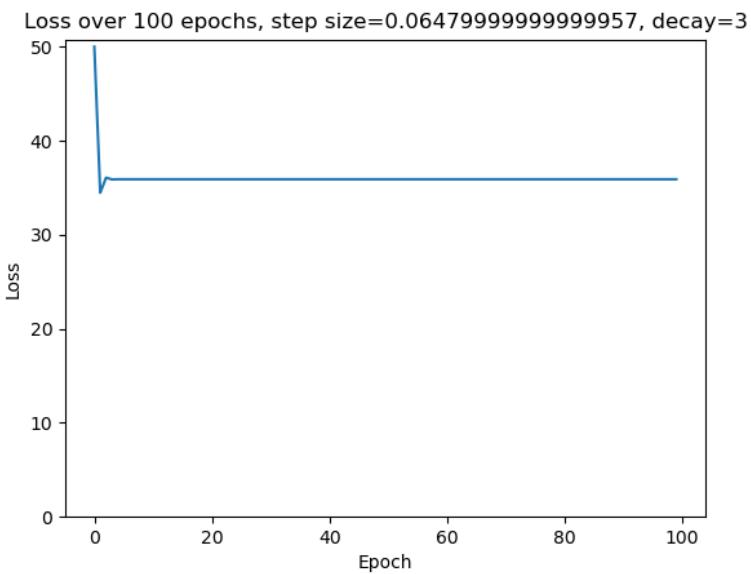


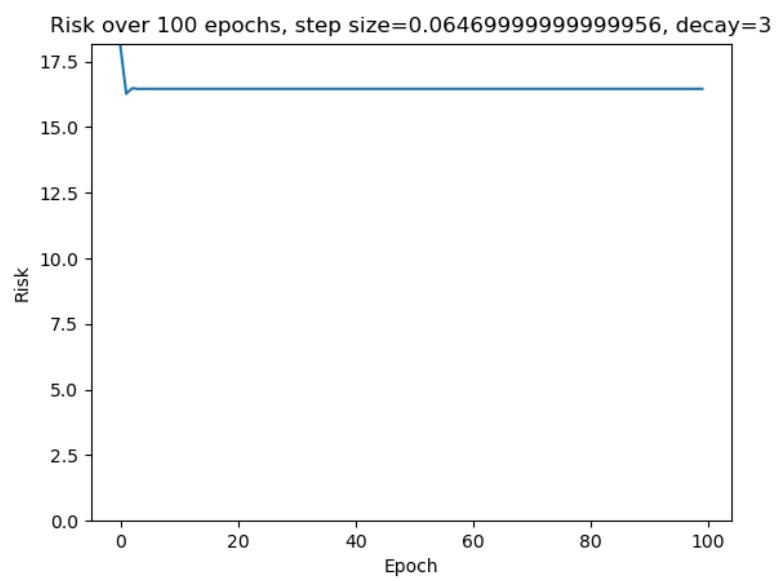
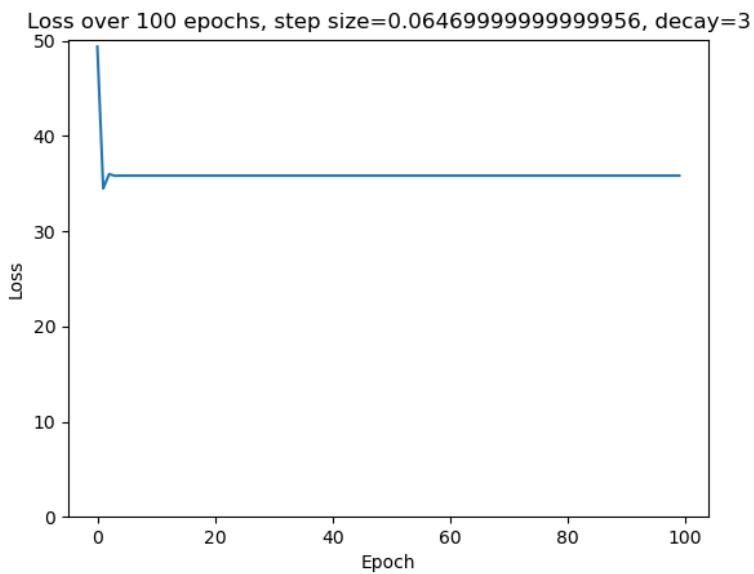
Loss over 100 epochs, step size=0.0648999999999957, decay=3



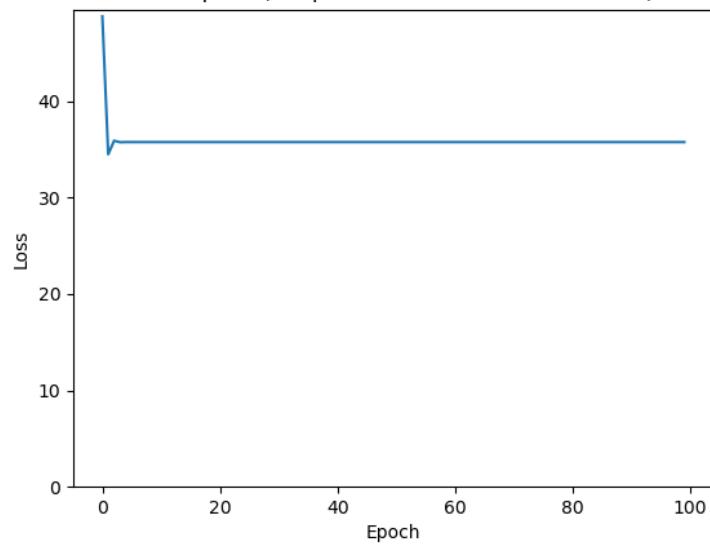
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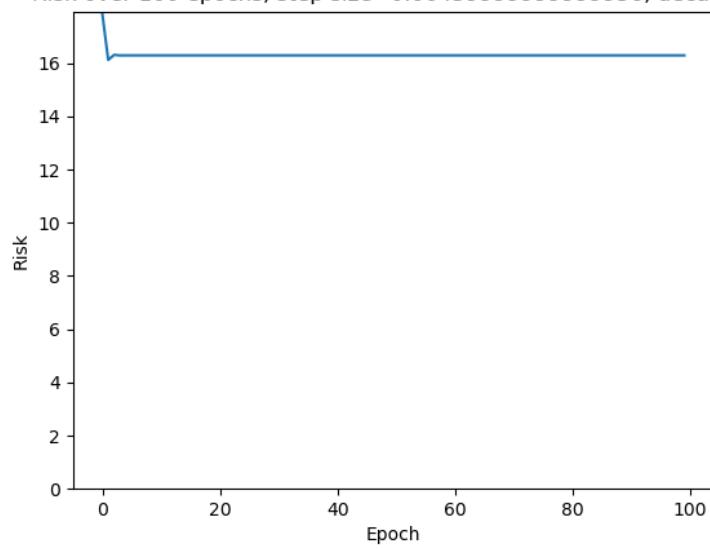




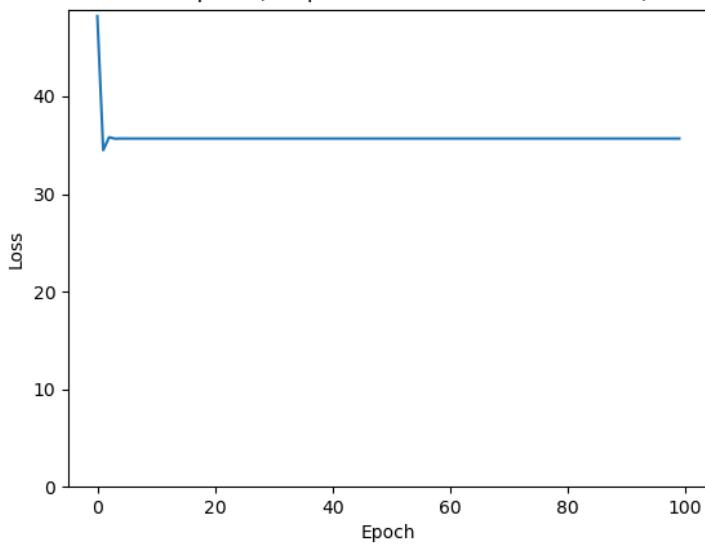
Loss over 100 epochs, step size=0.0645999999999956, decay=3



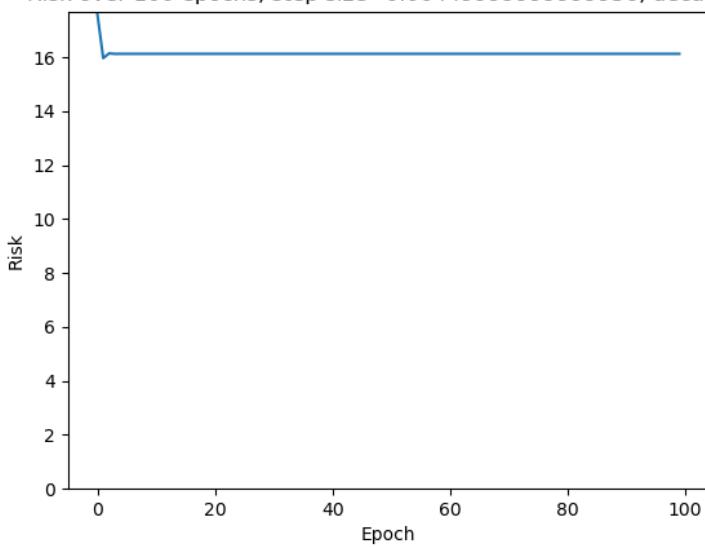
Risk over 100 epochs, step size=0.0645999999999956, decay=3



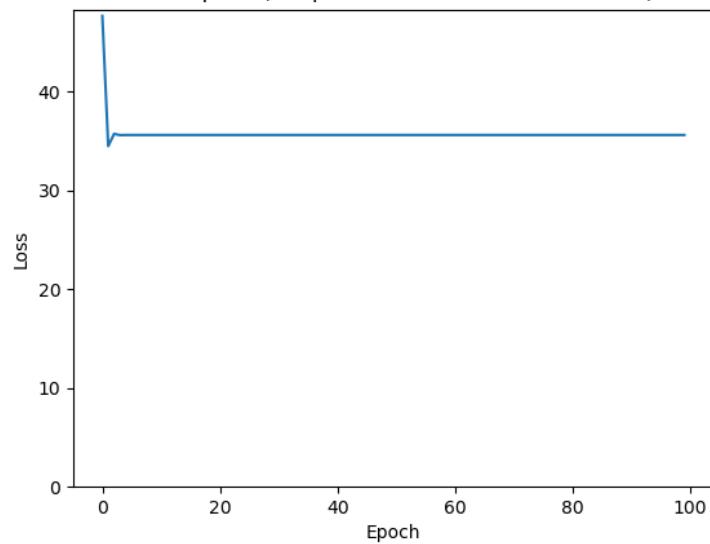
Loss over 100 epochs, step size=0.0644999999999956, decay=3



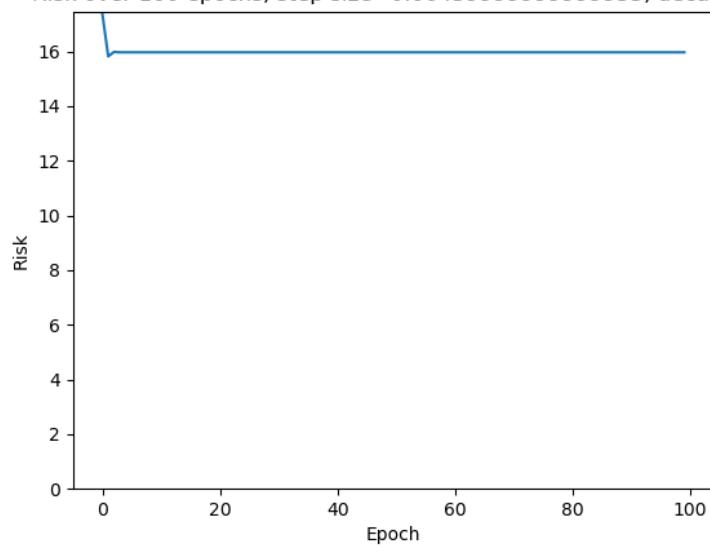
Risk over 100 epochs, step size=0.0644999999999956, decay=3



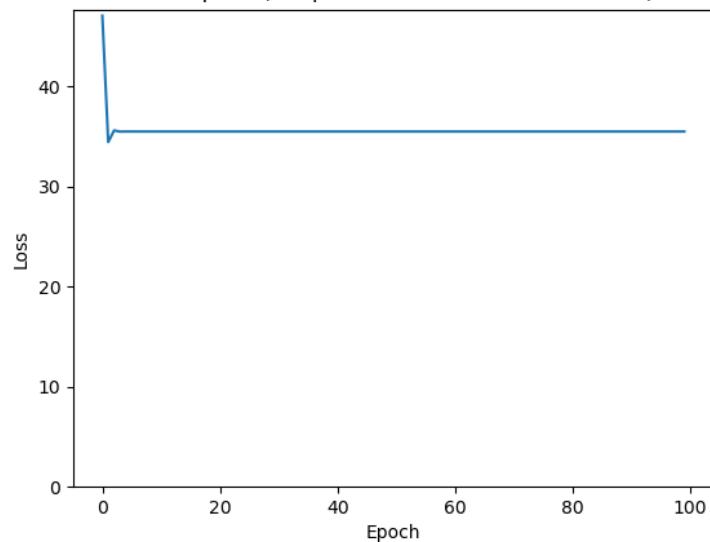
Loss over 100 epochs, step size=0.0643999999999955, decay=3



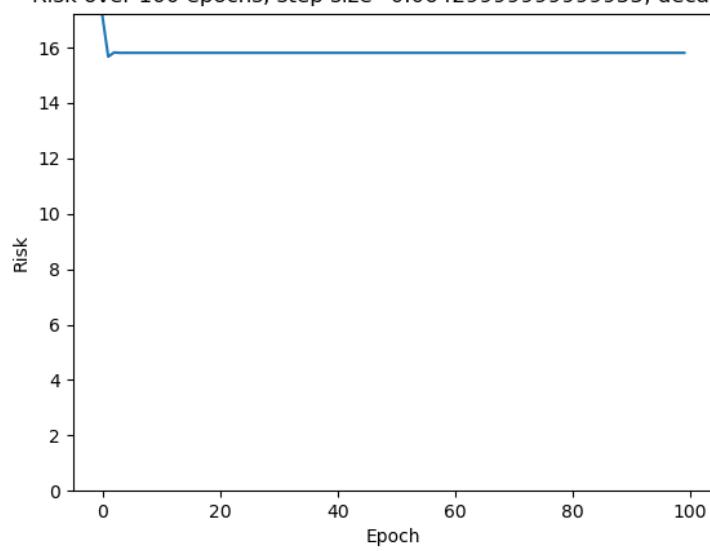
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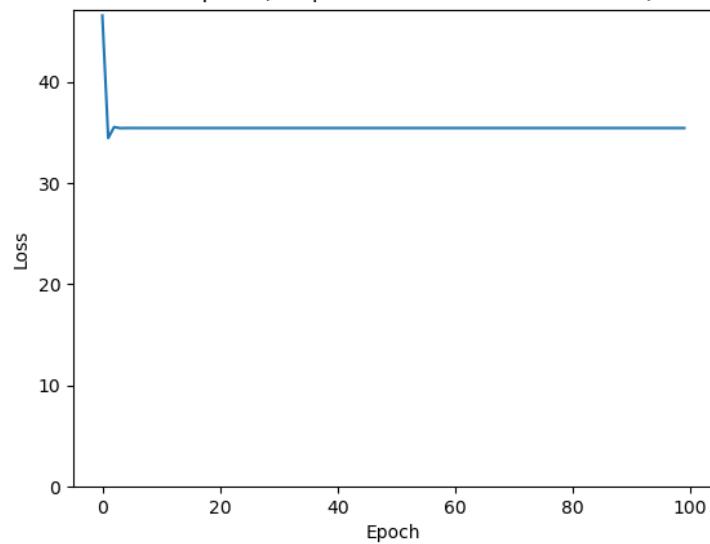
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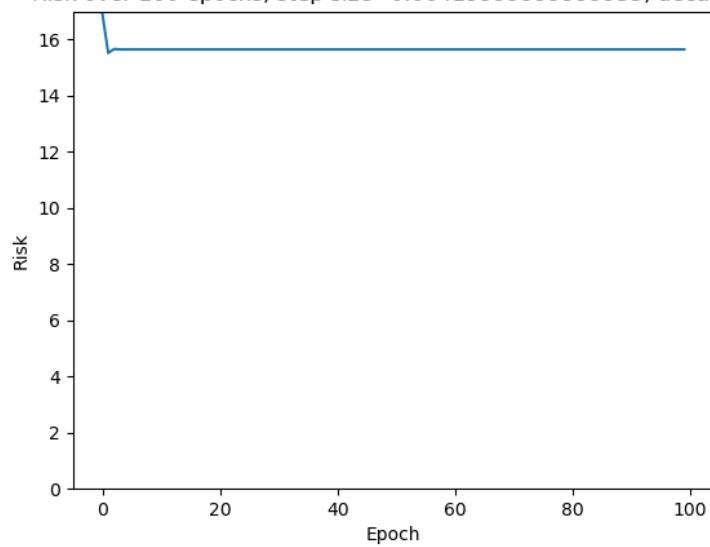
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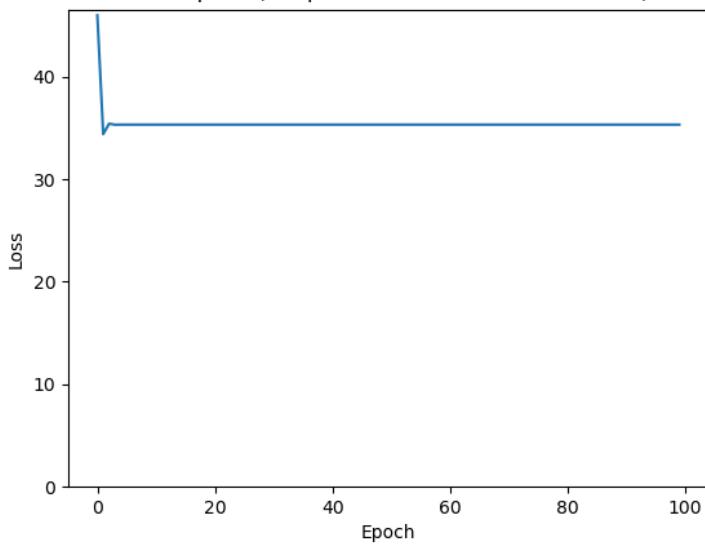
Loss over 100 epochs, step size=0.0641999999999955, decay=3



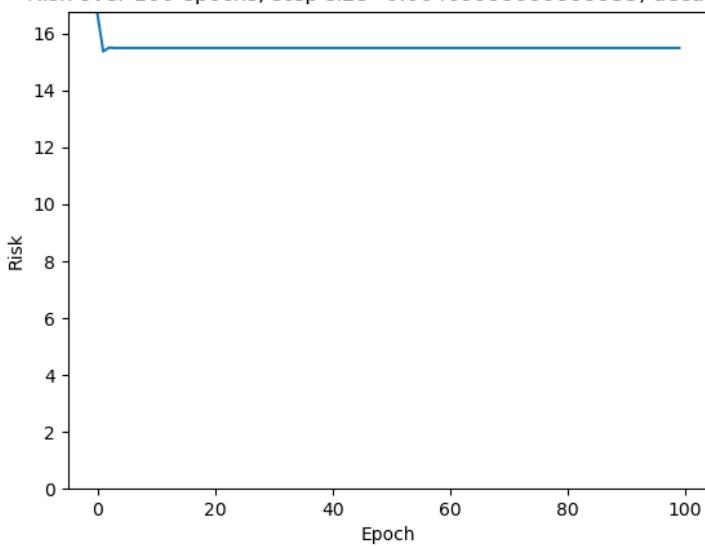
Risk over 100 epochs, step size=0.0641999999999955, decay=3



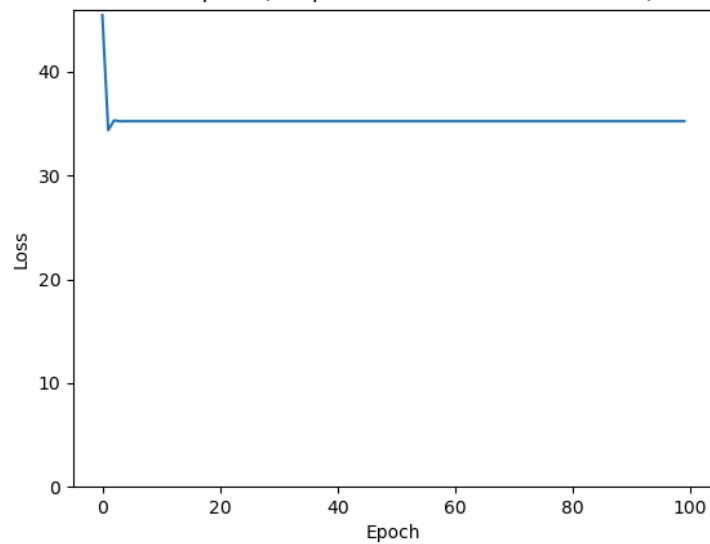
Loss over 100 epochs, step size=0.0640999999999955, decay=3



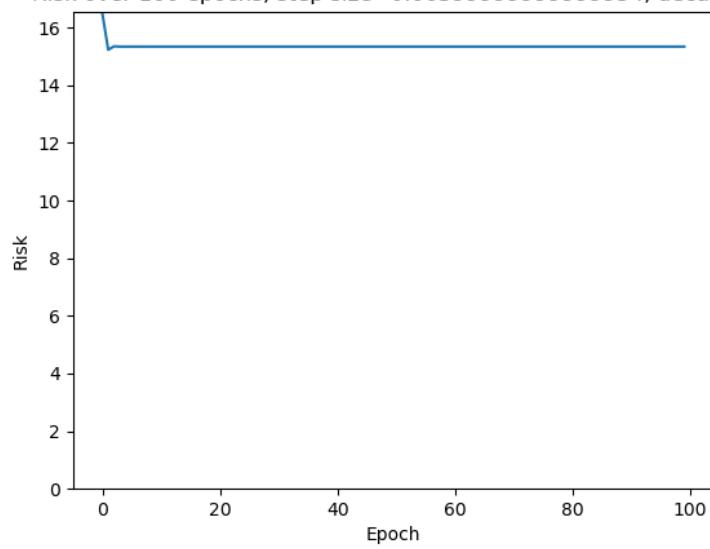
Risk over 100 epochs, step size=0.0640999999999955, decay=3



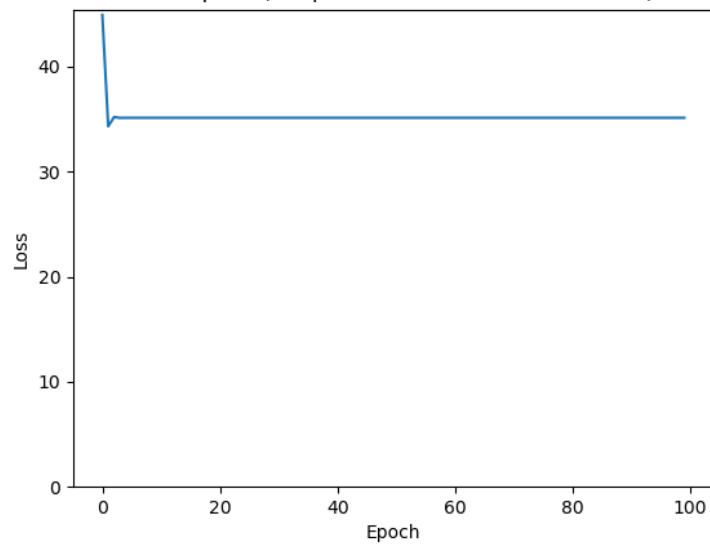
Loss over 100 epochs, step size=0.0639999999999954, decay=3



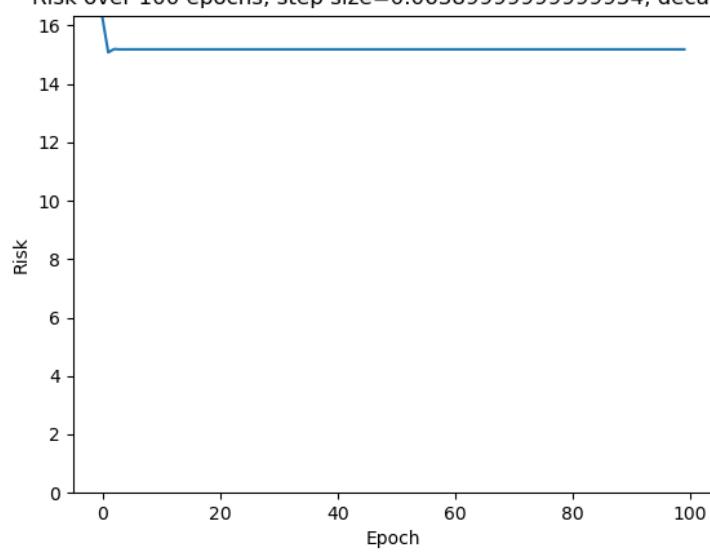
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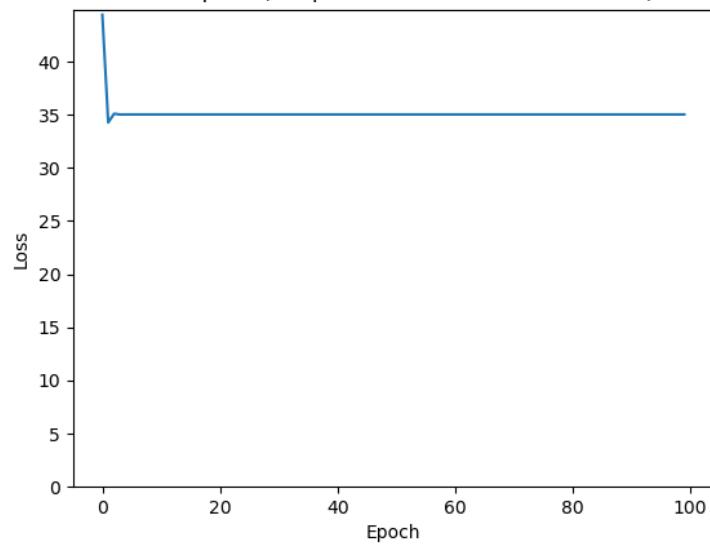
Loss over 100 epochs, step size=0.0638999999999954, decay=3



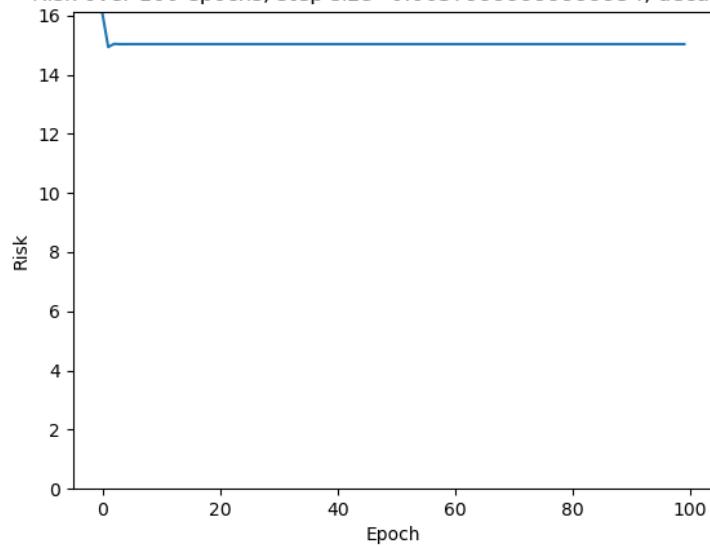
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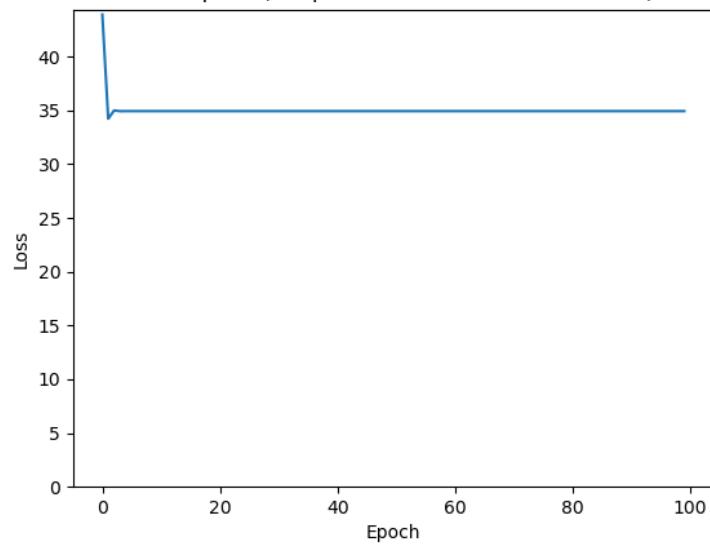
Loss over 100 epochs, step size=0.0637999999999954, decay=3



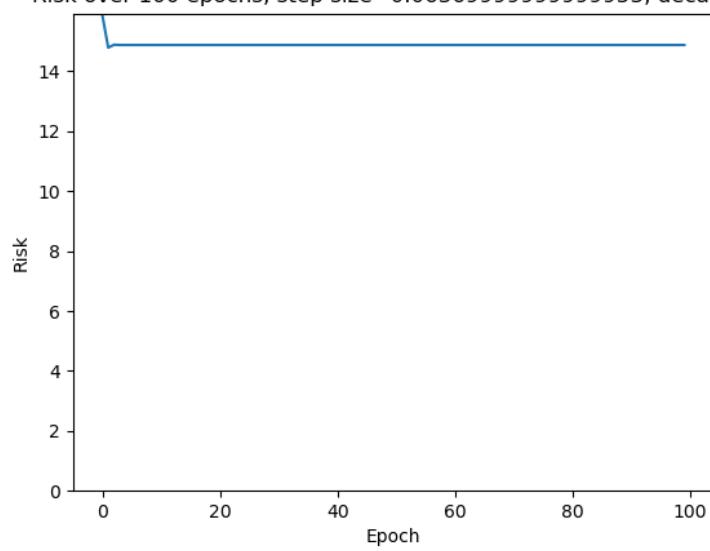
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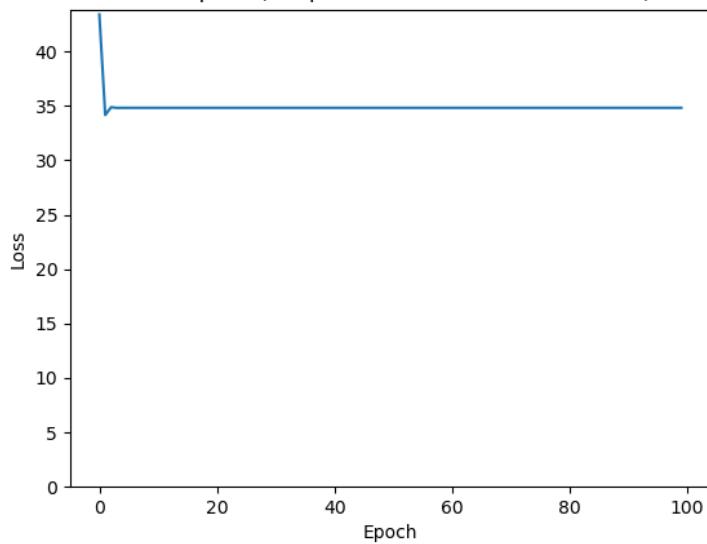
Loss over 100 epochs, step size=0.0636999999999953, decay=3



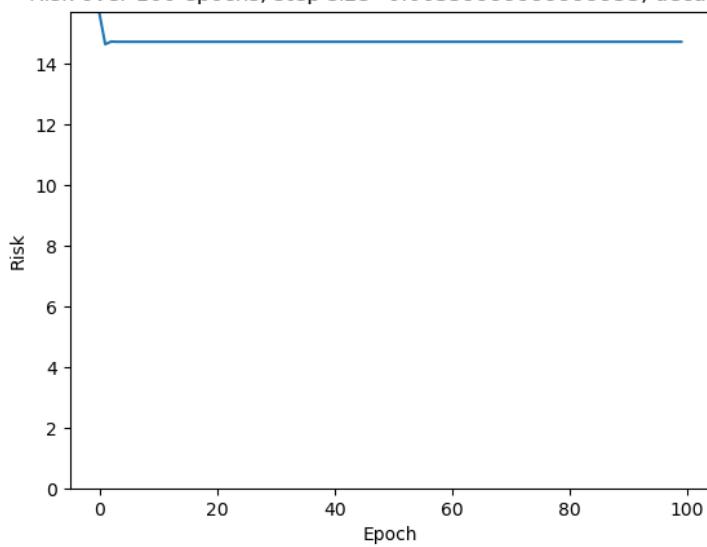
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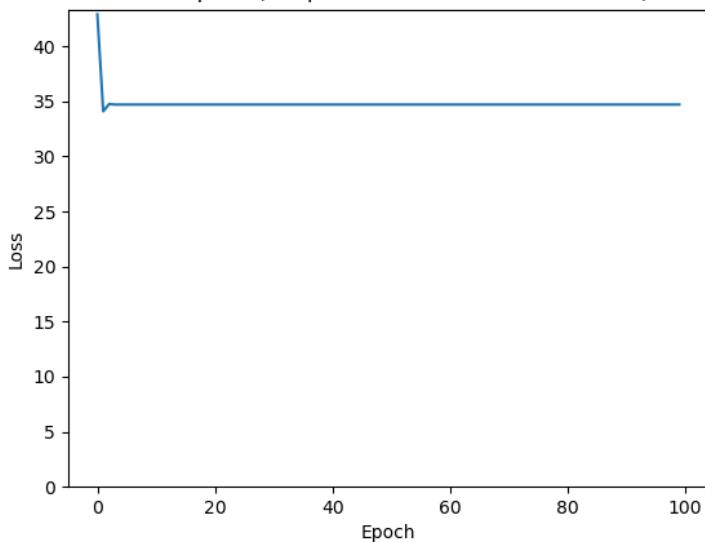
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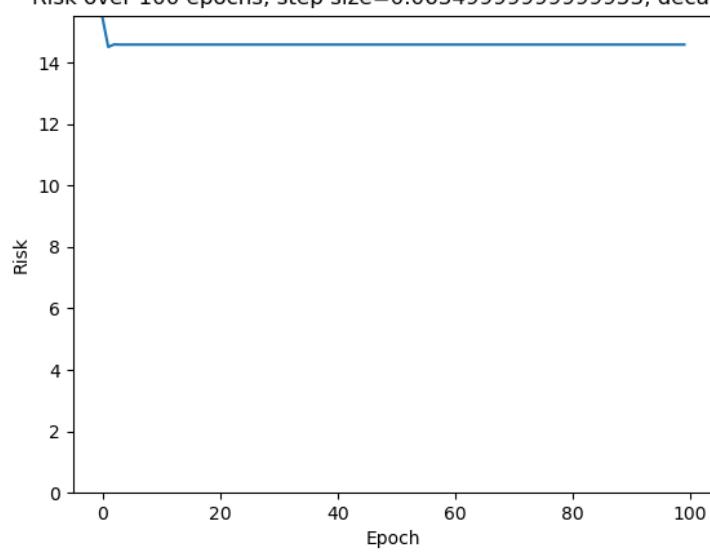
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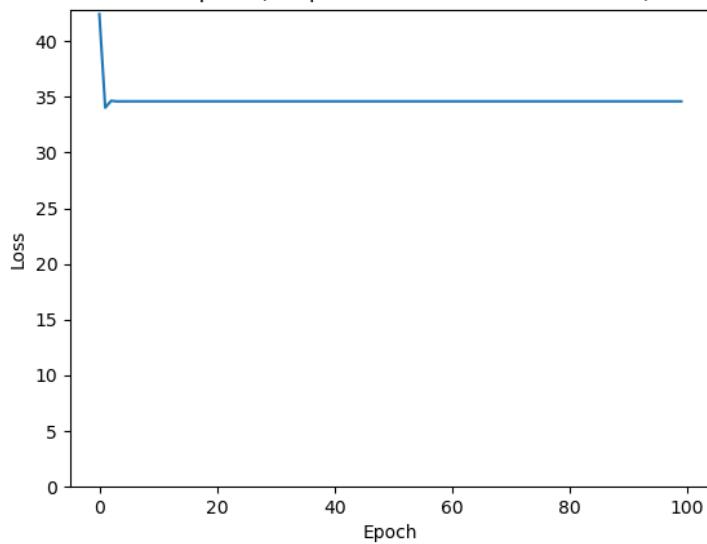
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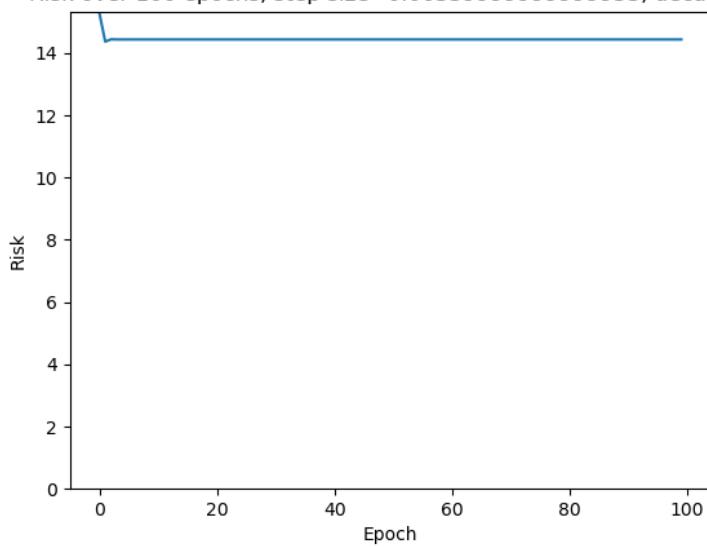
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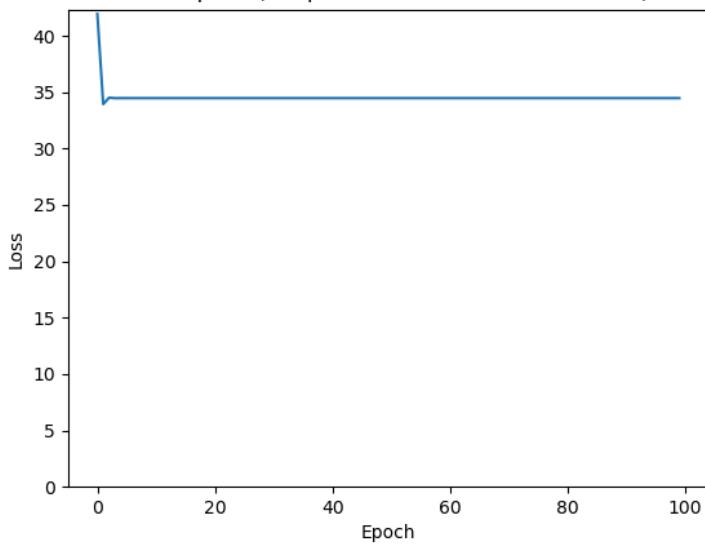
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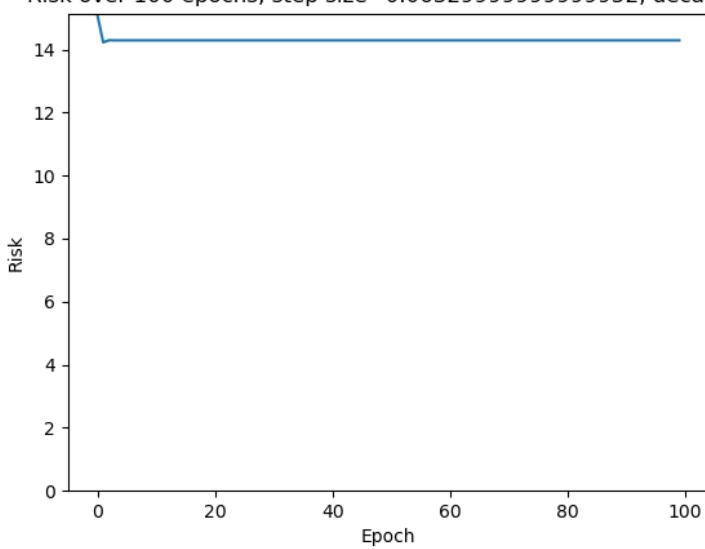
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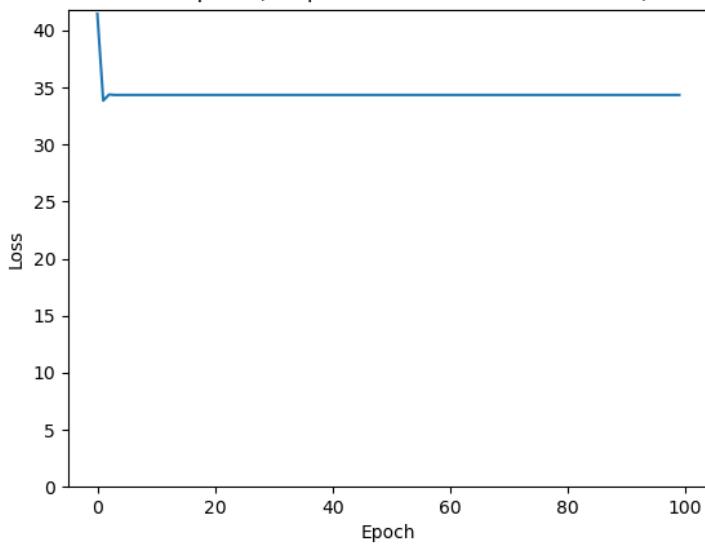
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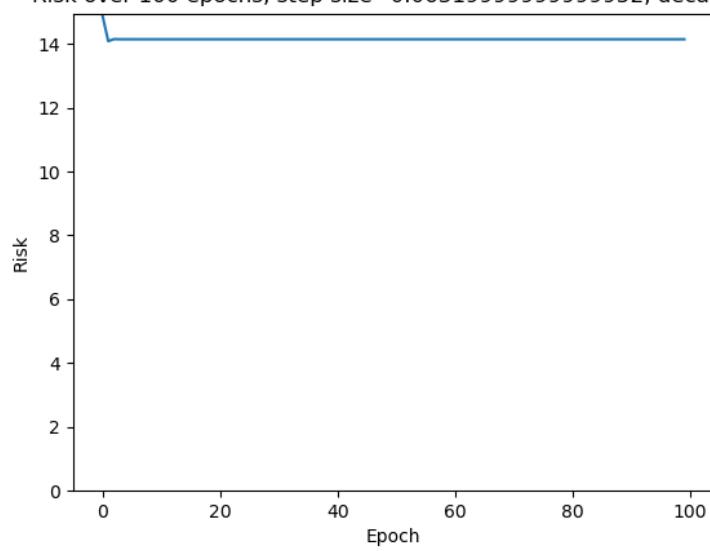
Risk over 100 epochs, step size=0.0632999999999952, decay=3



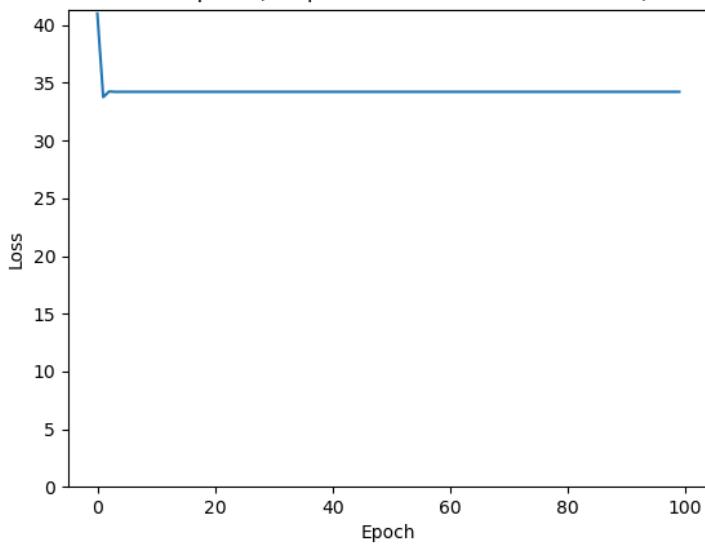
Loss over 100 epochs, step size=0.0631999999999952, decay=3



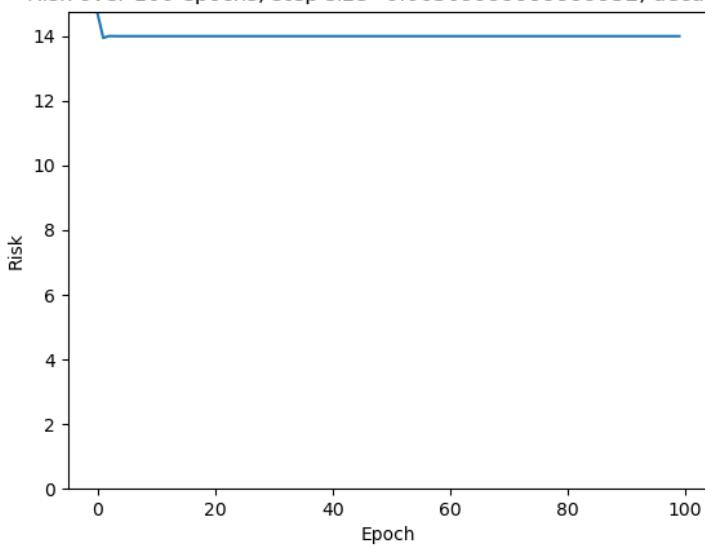
Risk over 100 epochs, step size=0.0631999999999952, decay=3



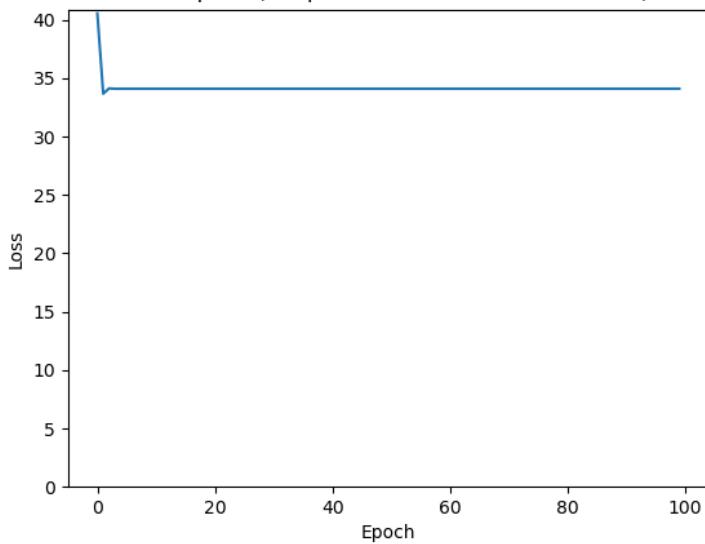
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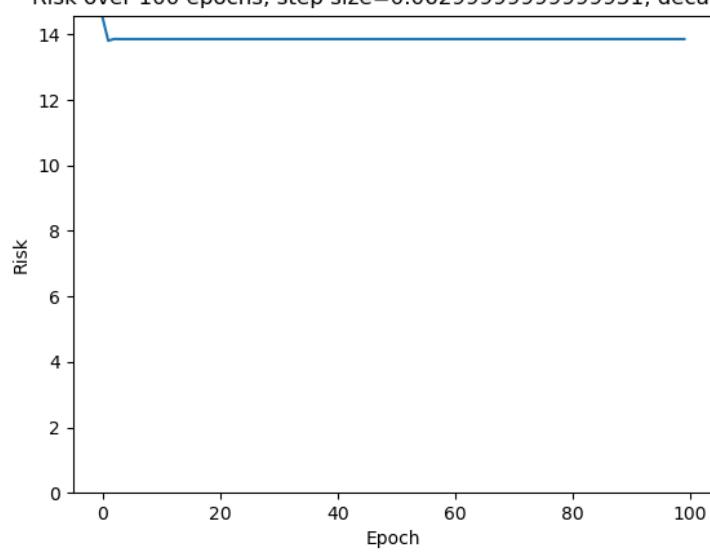
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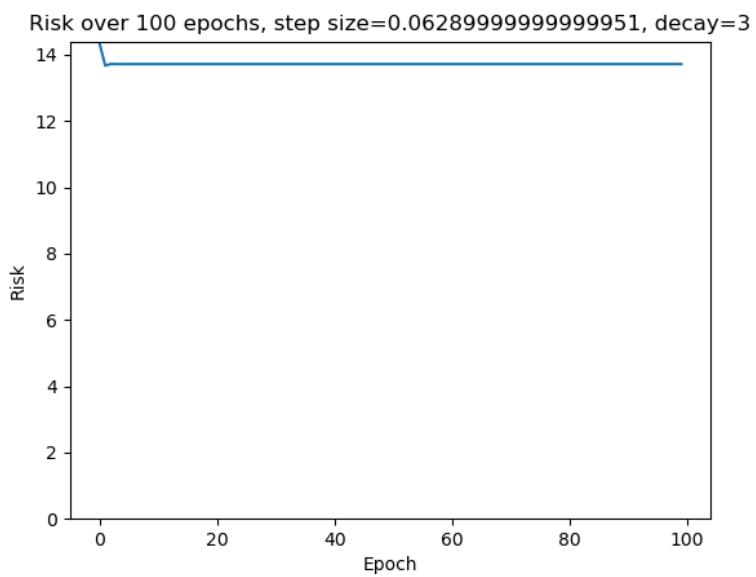
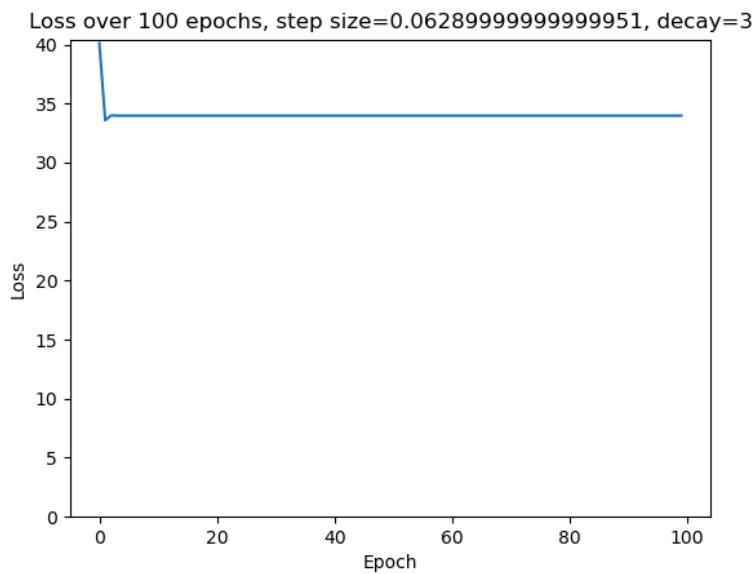


Loss over 100 epochs, step size=0.0629999999999951, decay=3

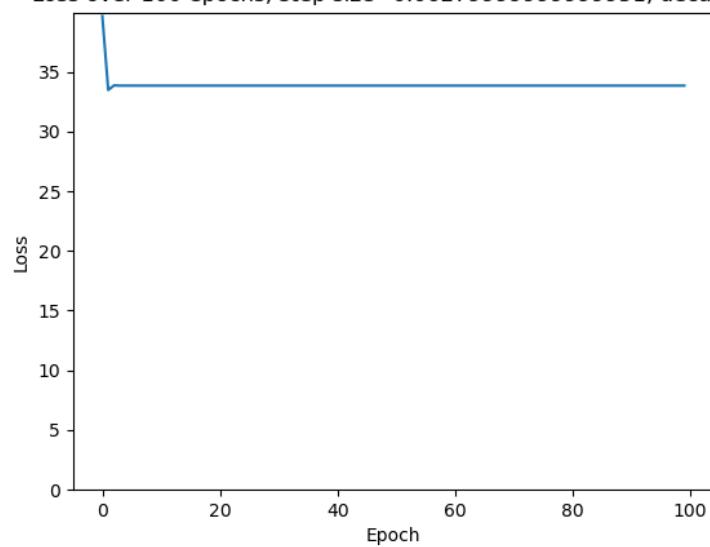


Risk over 100 epochs, step size=0.0629999999999951, decay=3

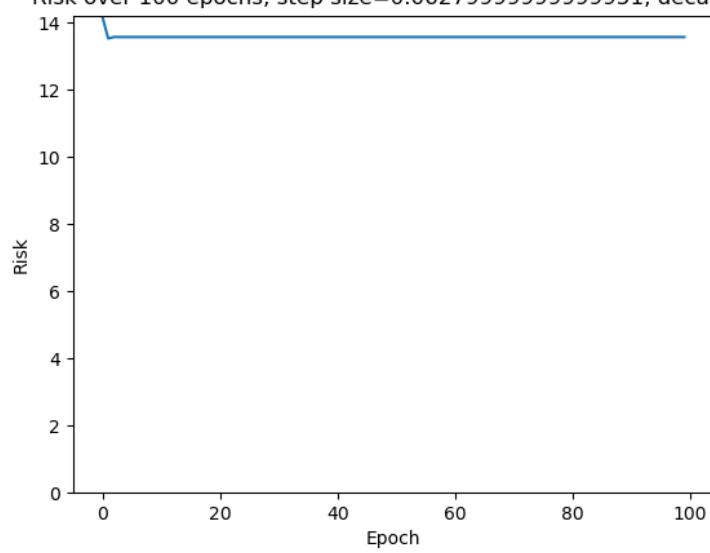




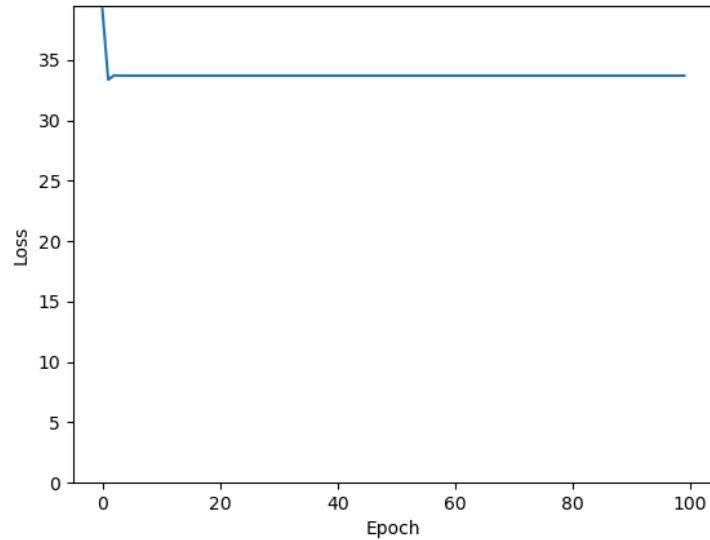
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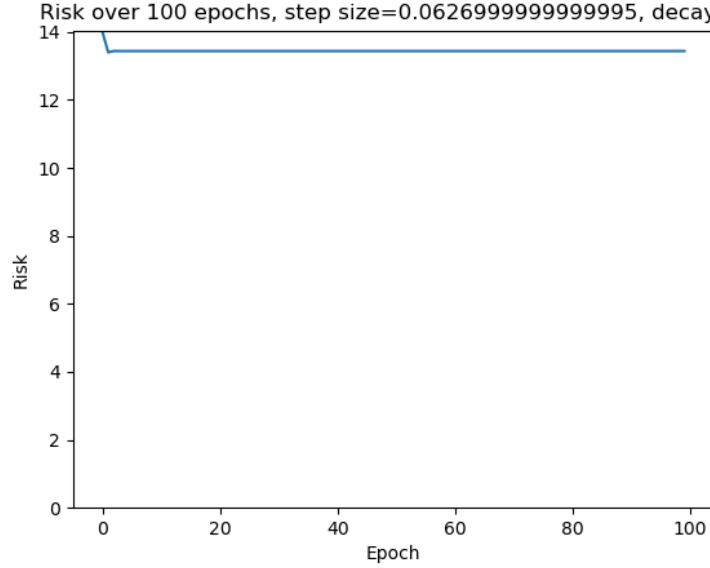
Risk over 100 epochs, step size=0.0627999999999951, decay=3



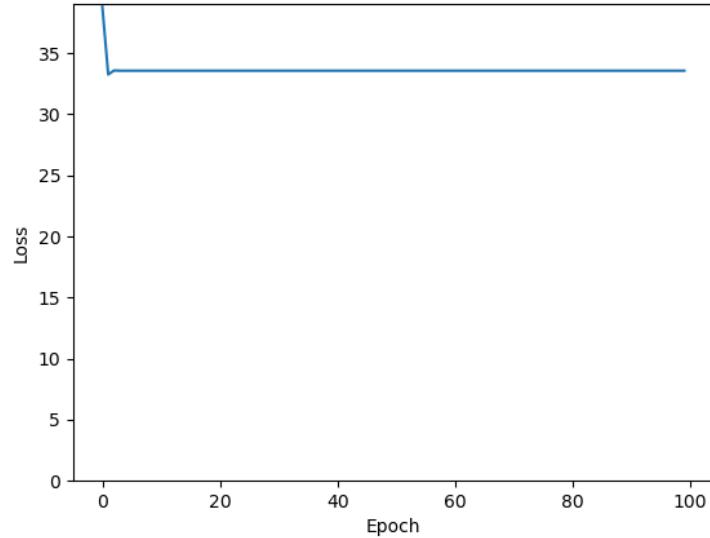
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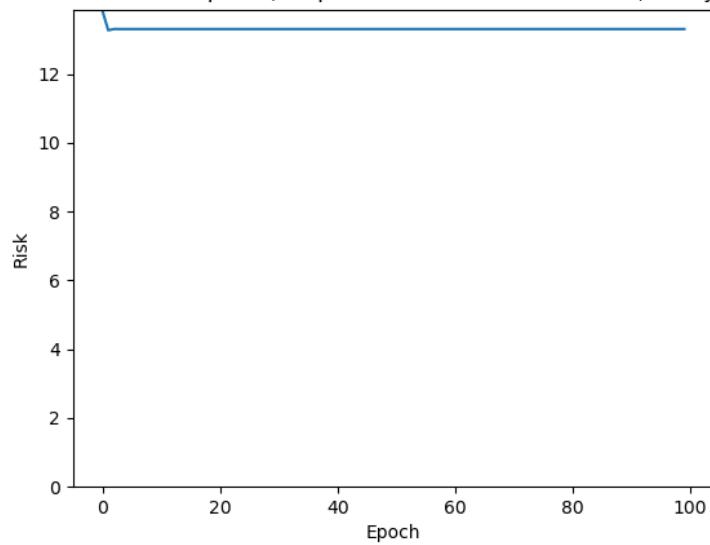
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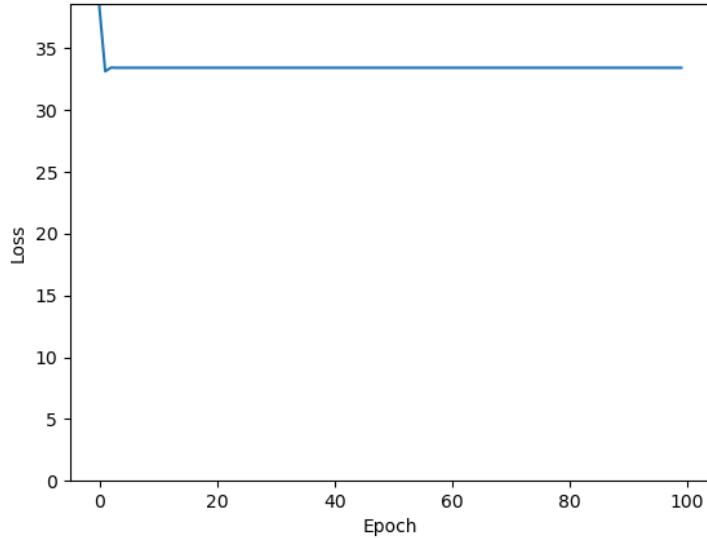
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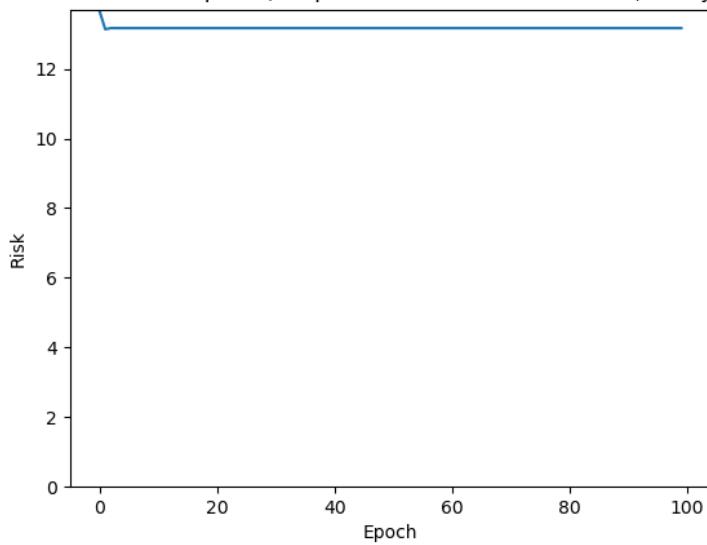
Risk over 100 epochs, step size=0.0625999999999995, decay=3



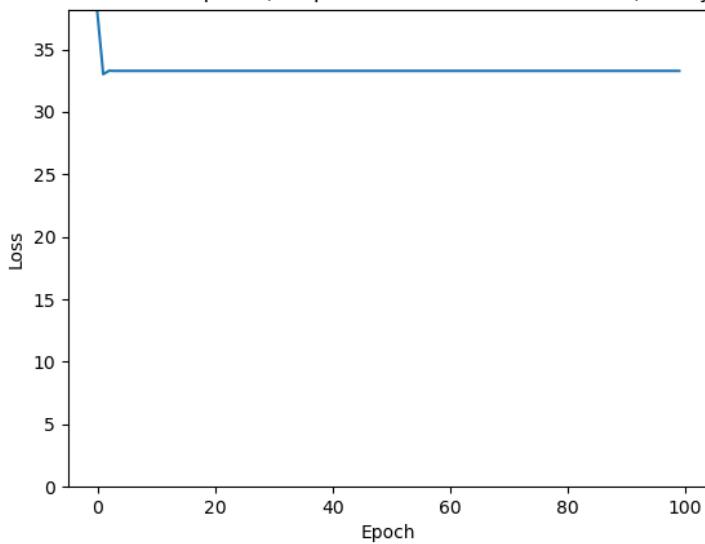
Loss over 100 epochs, step size=0.062499999999995, decay=3



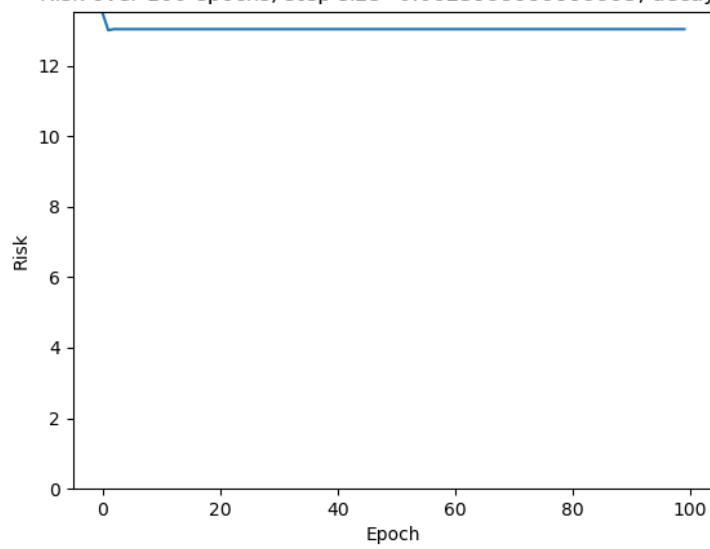
Risk over 100 epochs, step size=0.062499999999995, decay=3



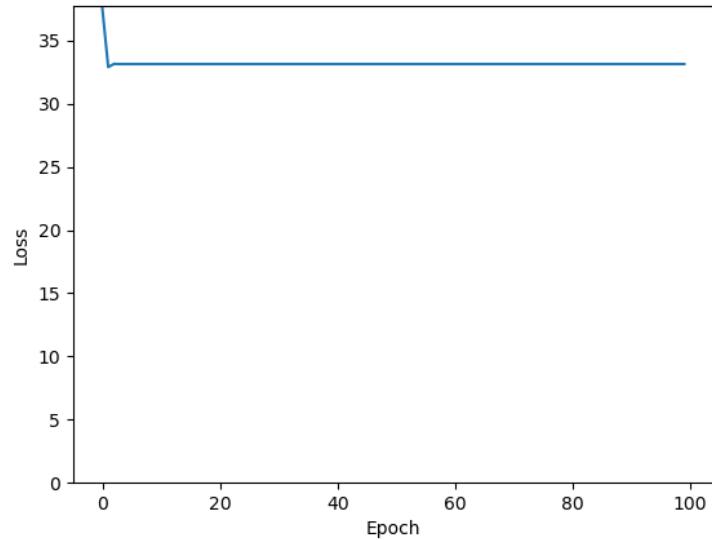
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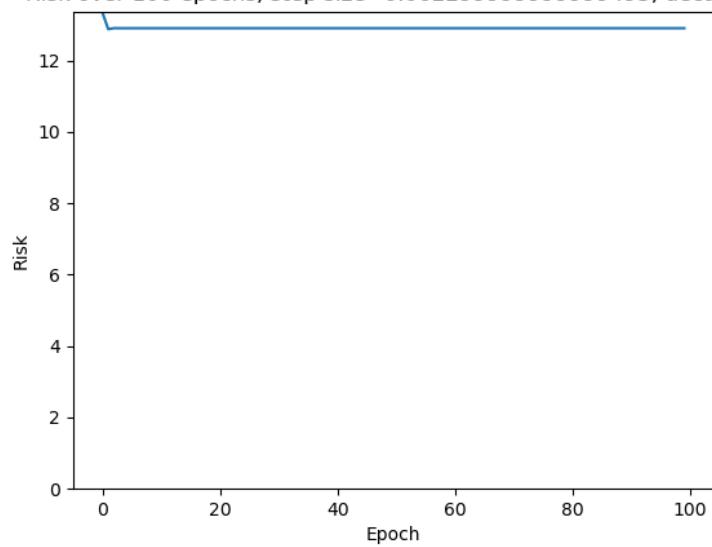
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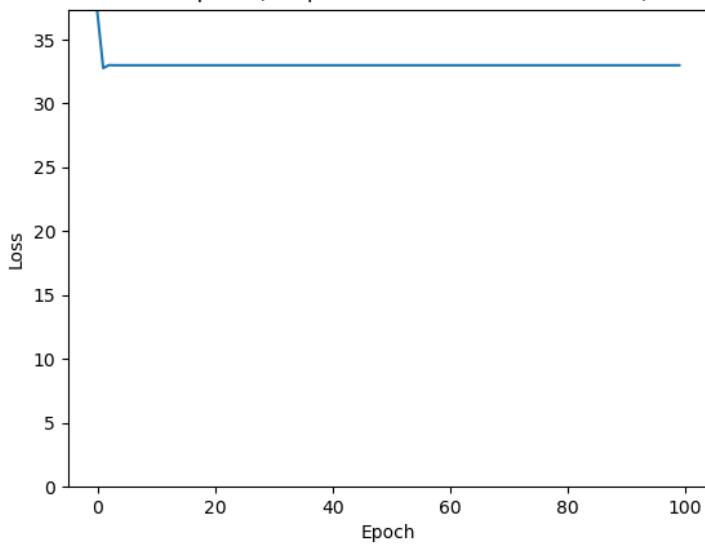
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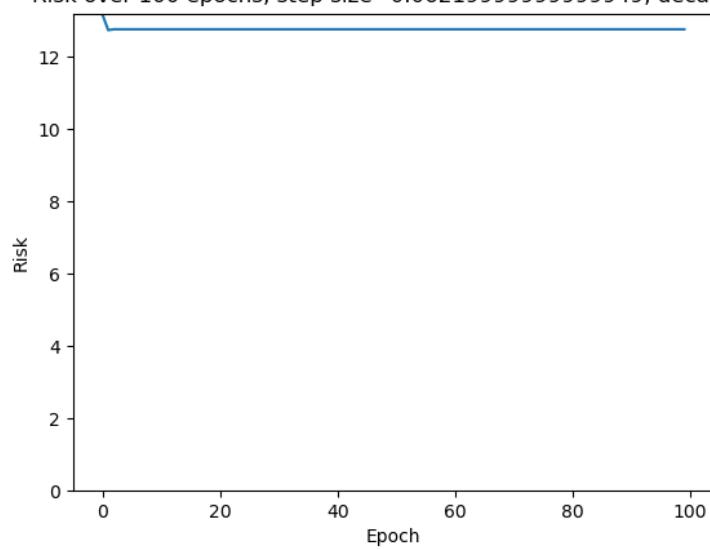
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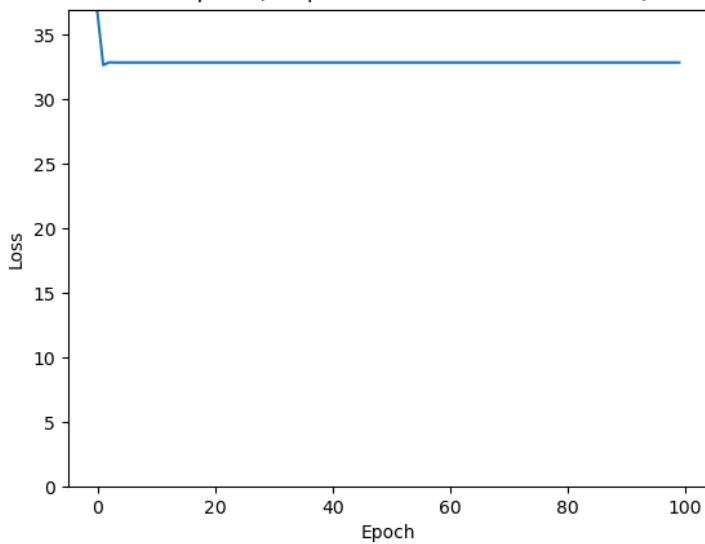
Loss over 100 epochs, step size=0.0621999999999949, decay=3



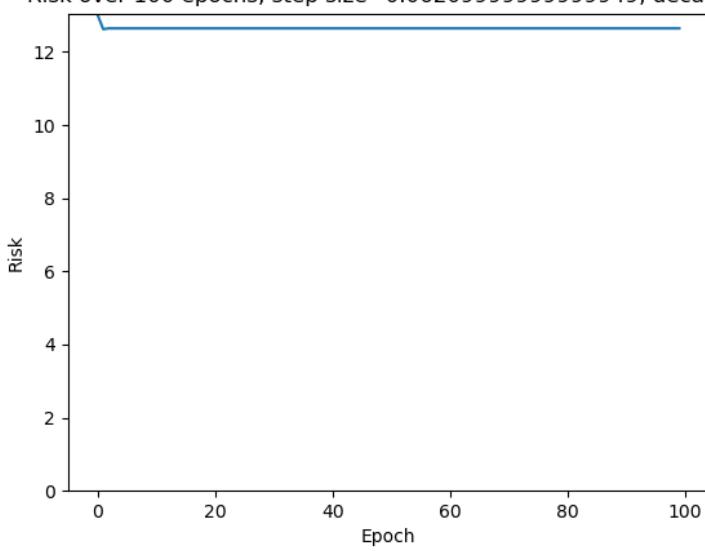
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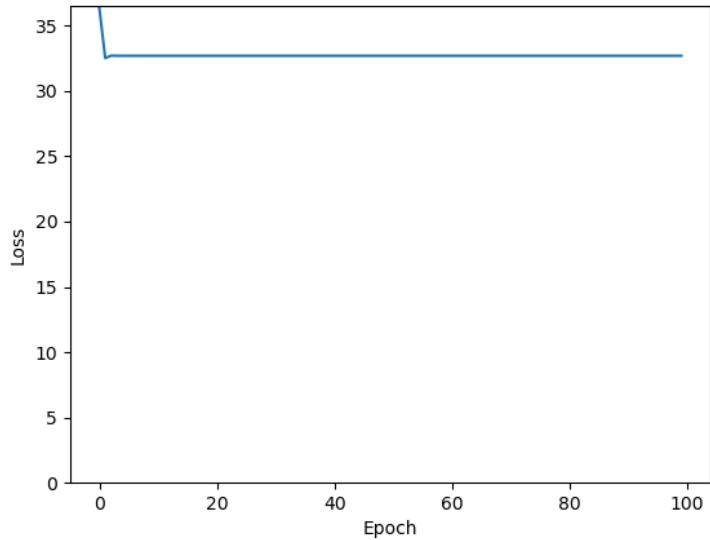
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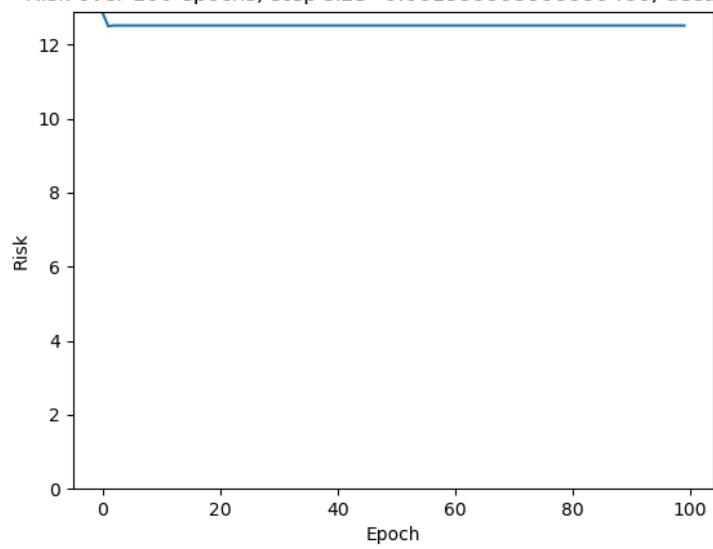
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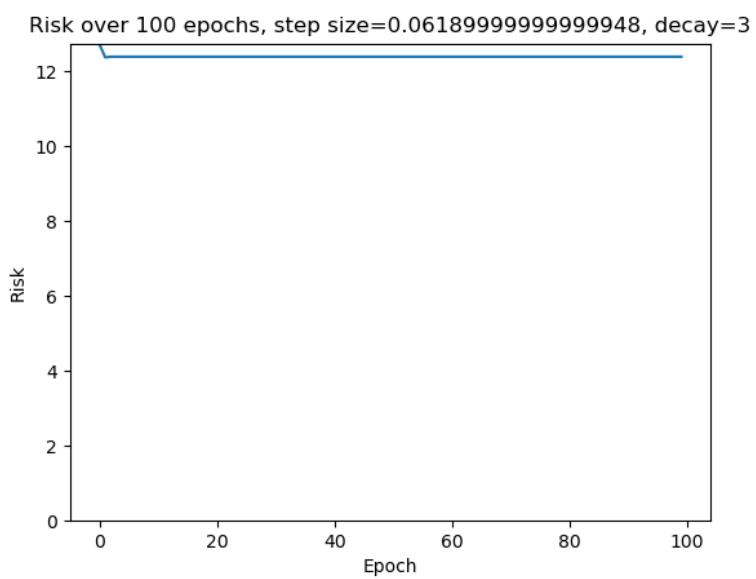
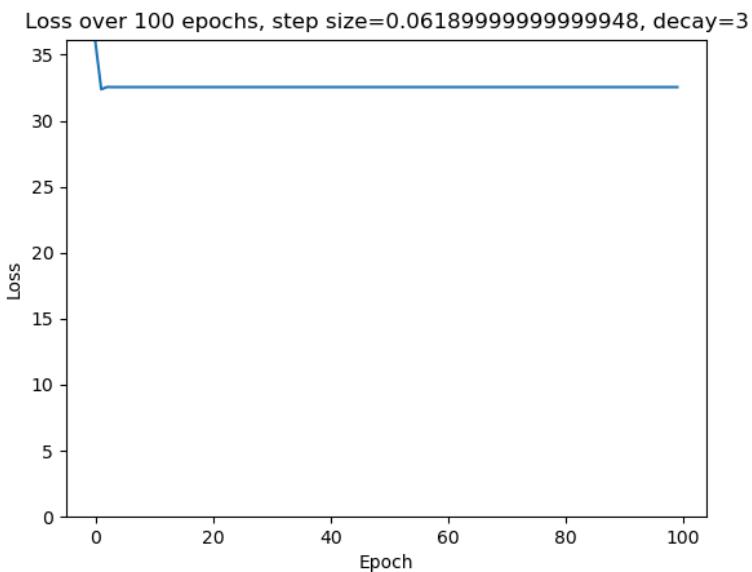


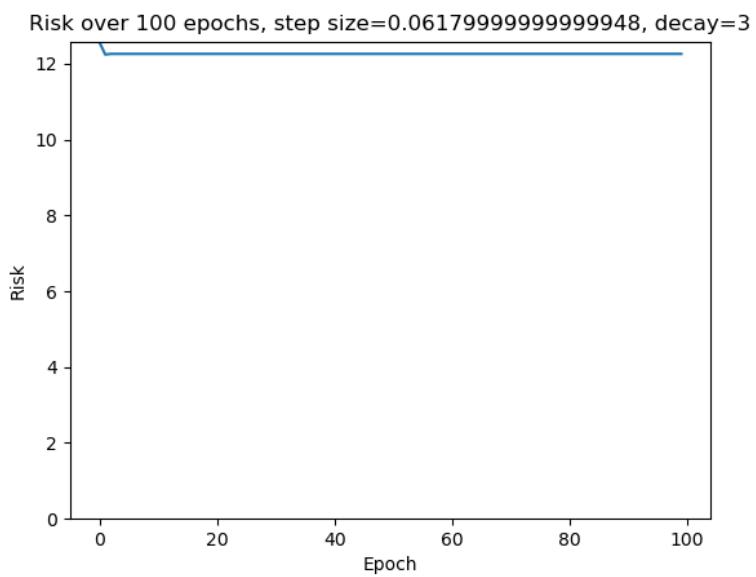
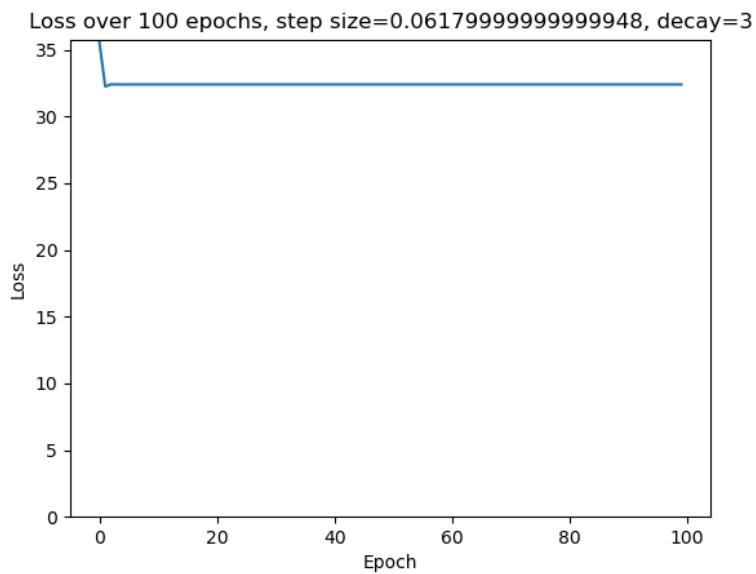
Loss over 100 epochs, step size=0.06199999999999486, decay=3

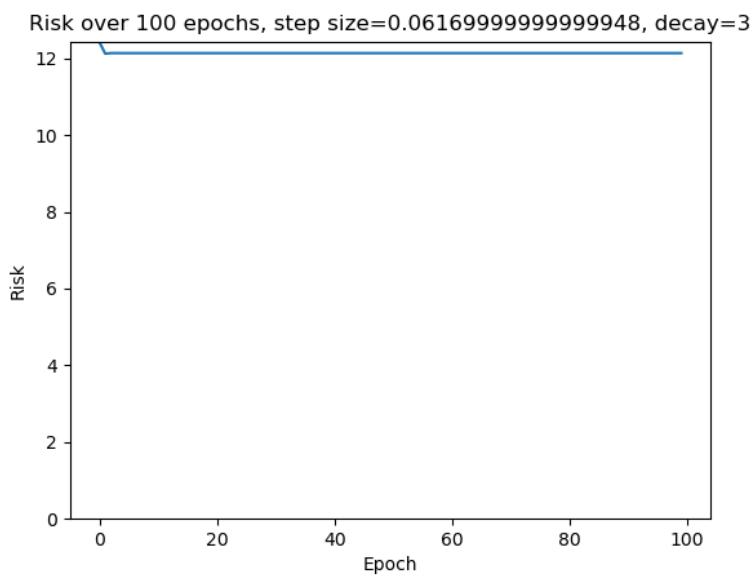
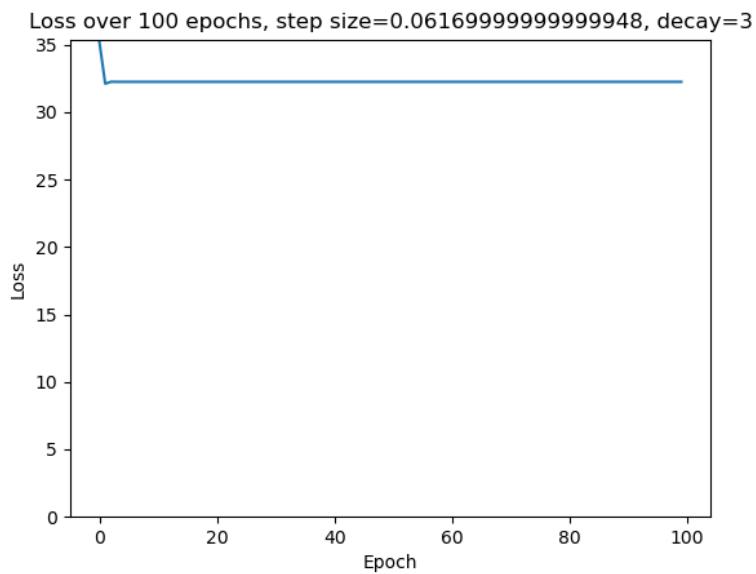


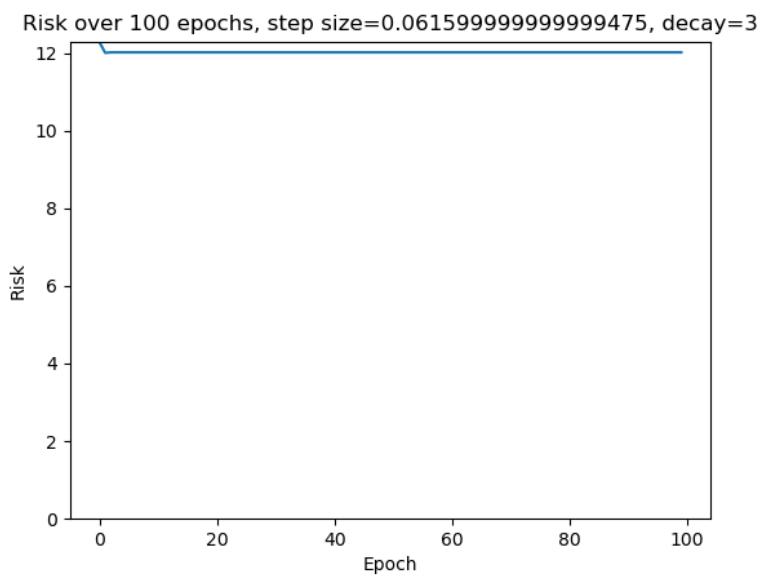
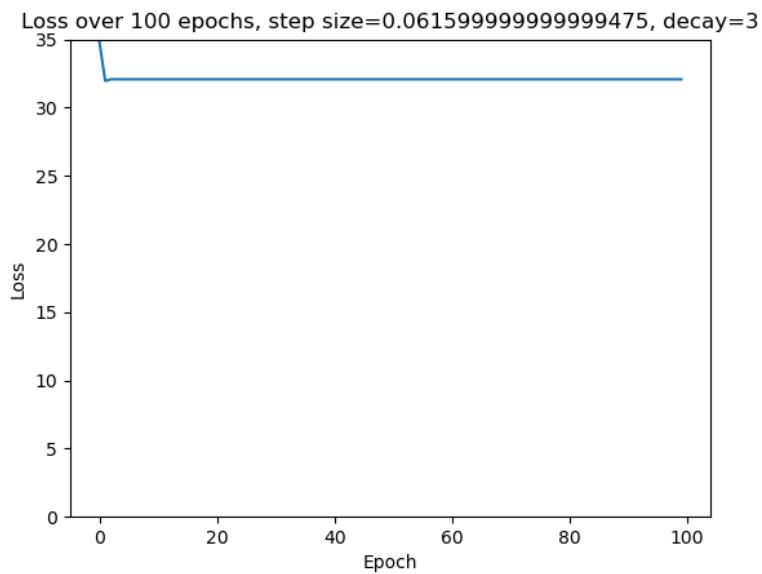
Risk over 100 epochs, step size=0.06199999999999486, decay=3



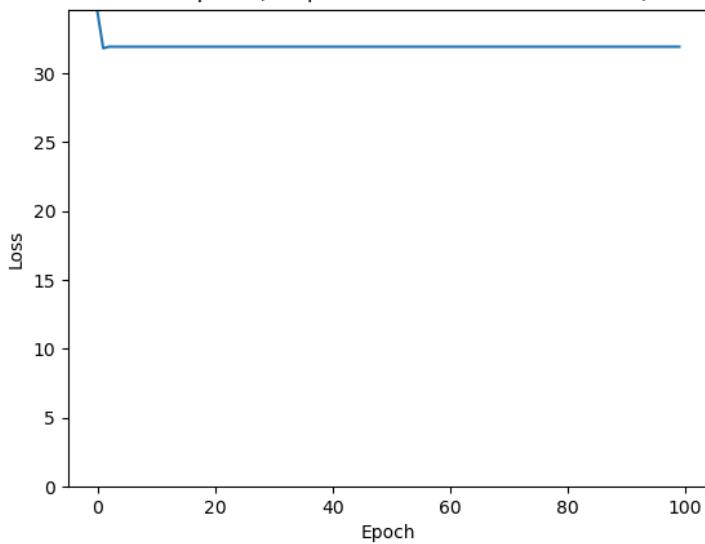




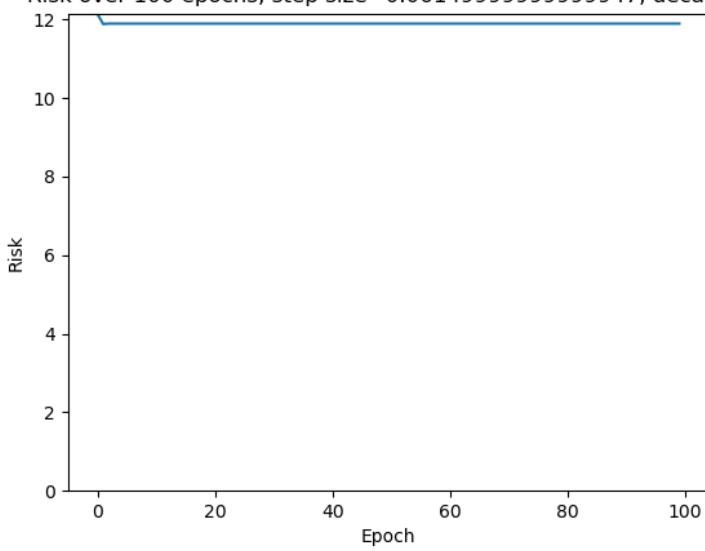




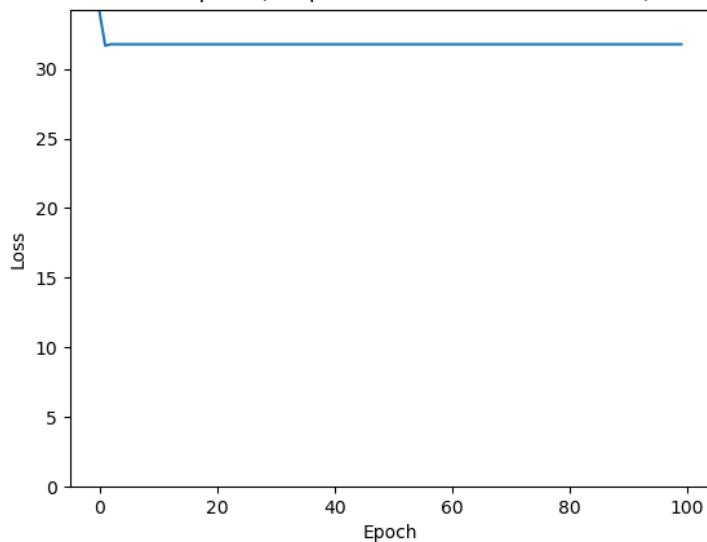
Loss over 100 epochs, step size=0.0614999999999947, decay=3



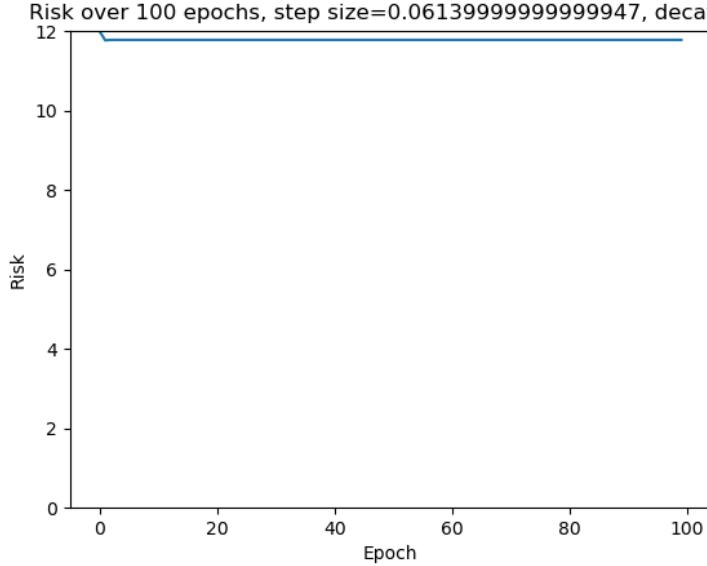
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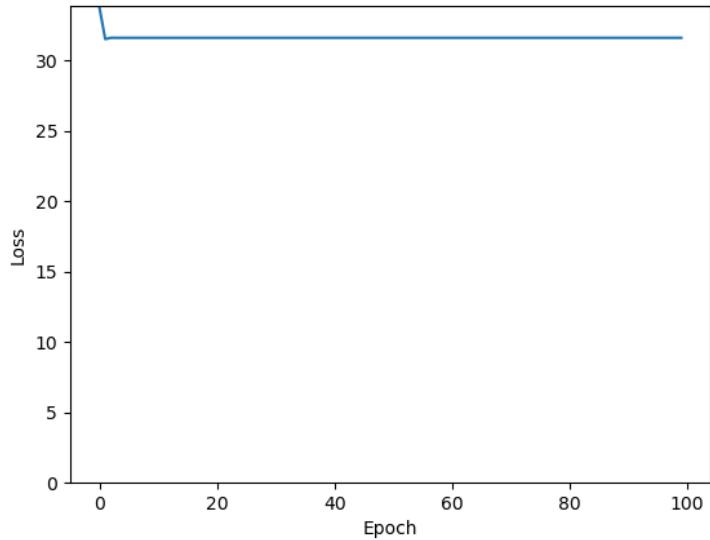
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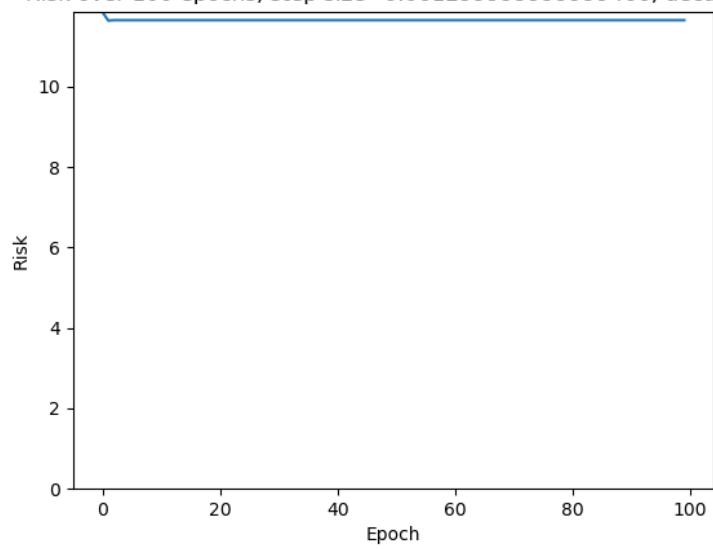
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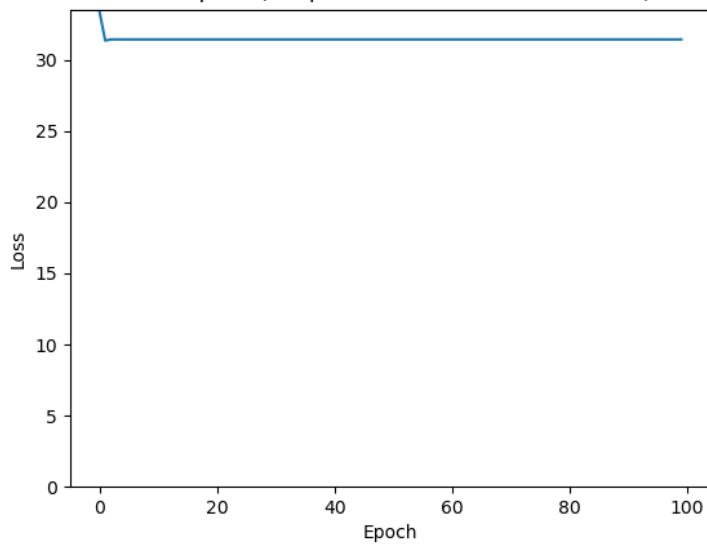
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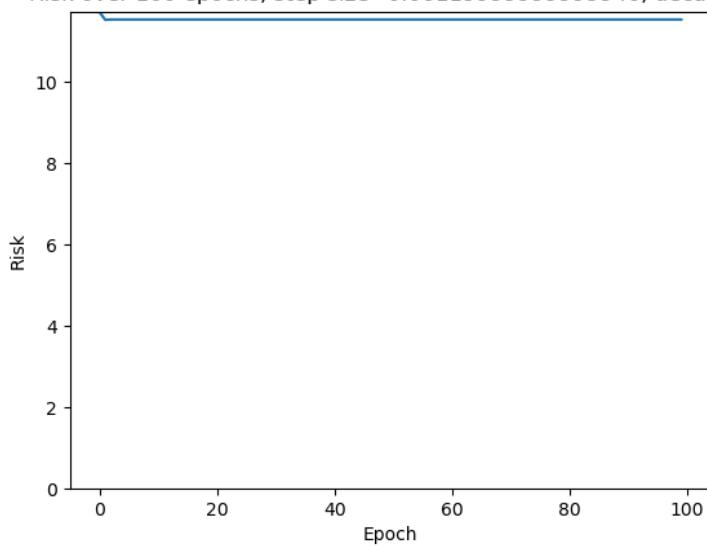
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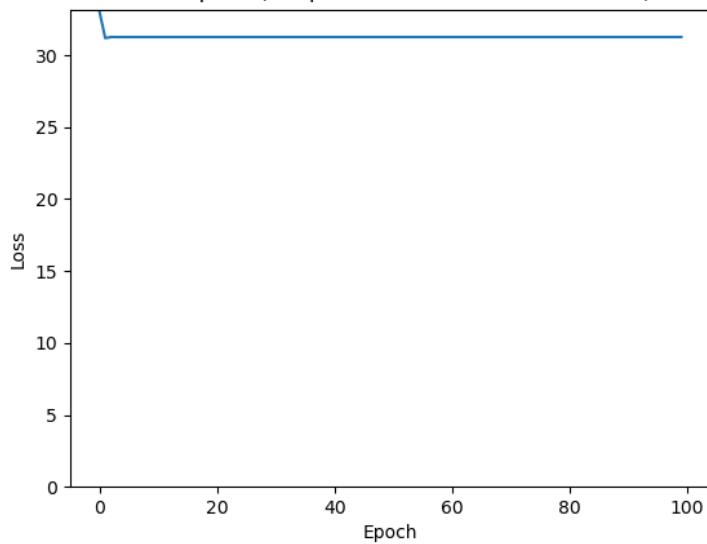
Loss over 100 epochs, step size=0.0611999999999946, decay=3



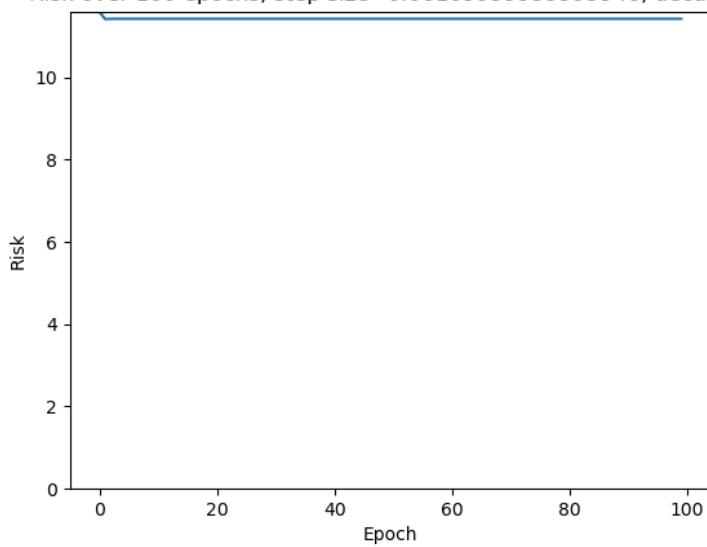
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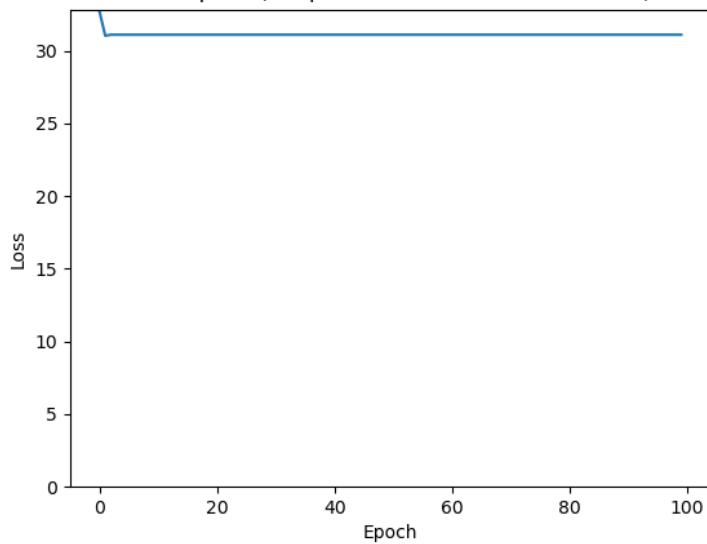
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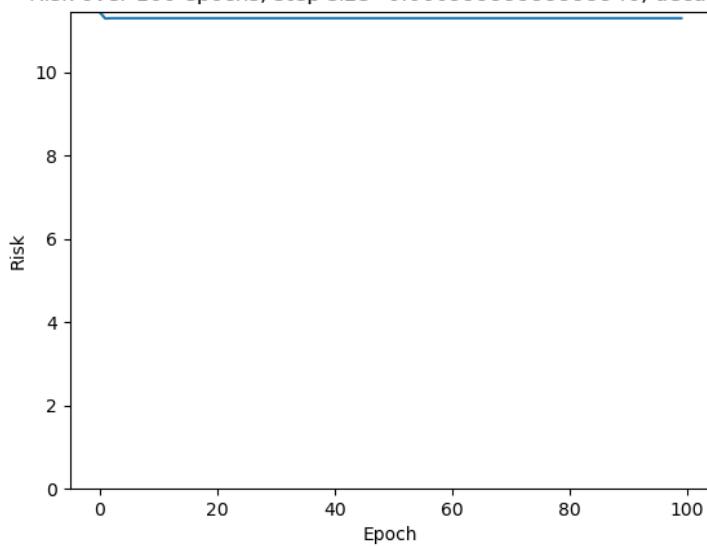
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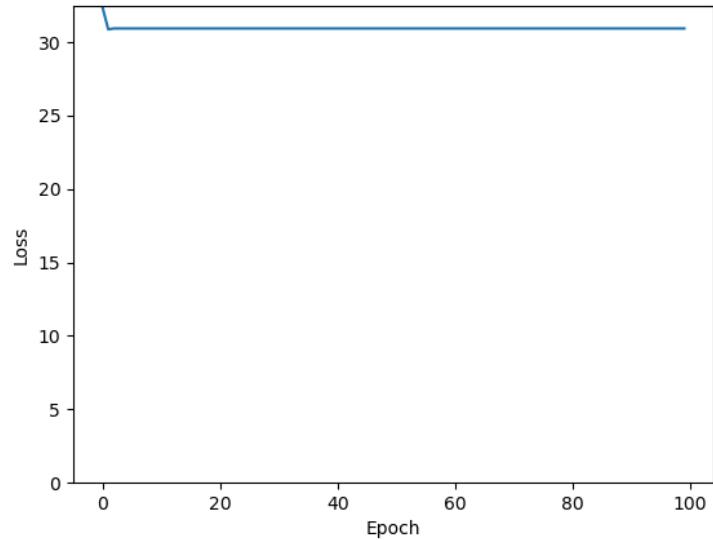
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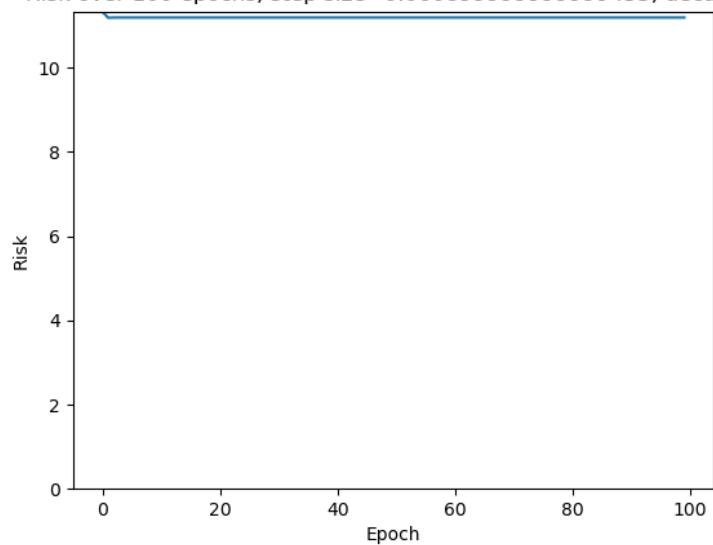
Risk over 100 epochs, step size=0.0609999999999946, decay=3



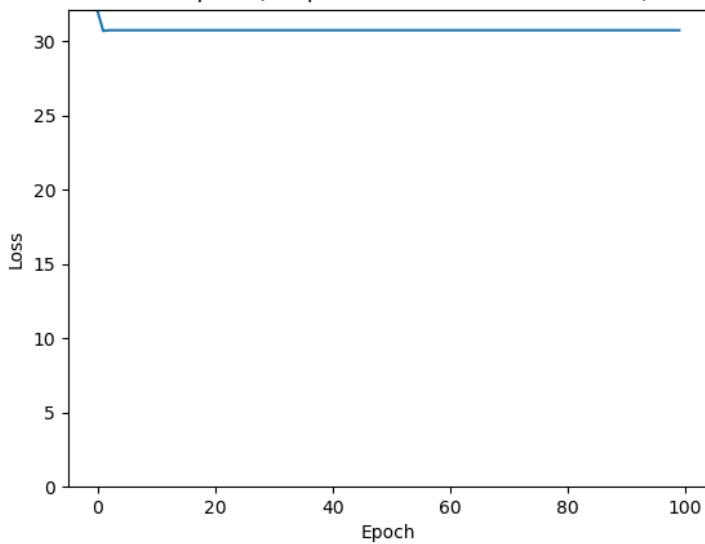
Loss over 100 epochs, step size=0.06089999999999455, decay=3



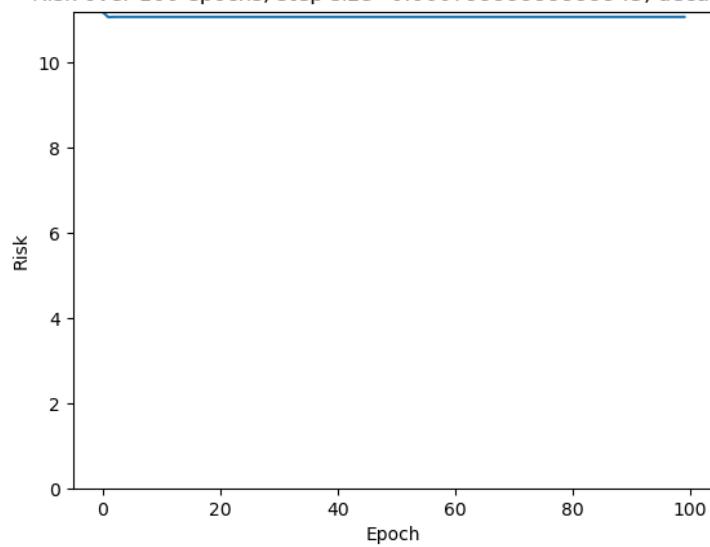
Risk over 100 epochs, step size=0.06089999999999455, decay=3



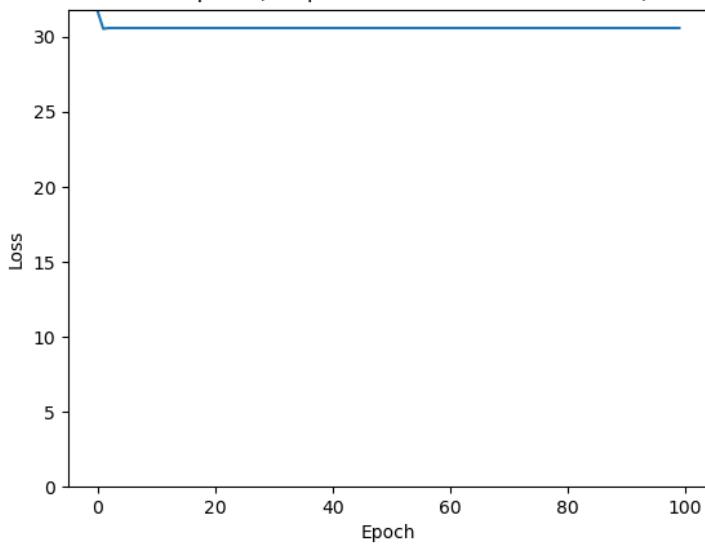
Loss over 100 epochs, step size=0.0607999999999945, decay=3



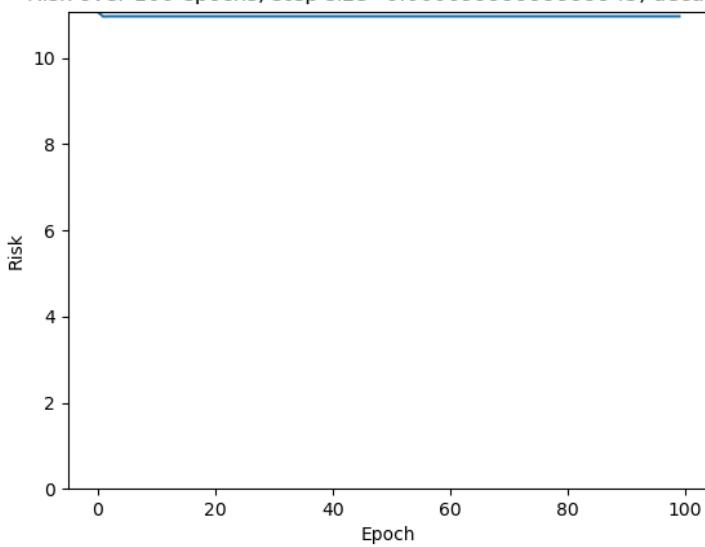
Risk over 100 epochs, step size=0.0607999999999945, decay=3



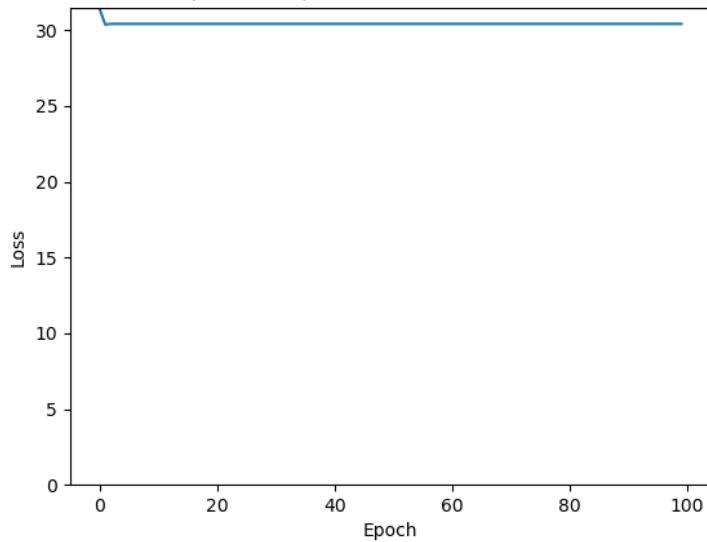
Loss over 100 epochs, step size=0.0606999999999945, decay=3



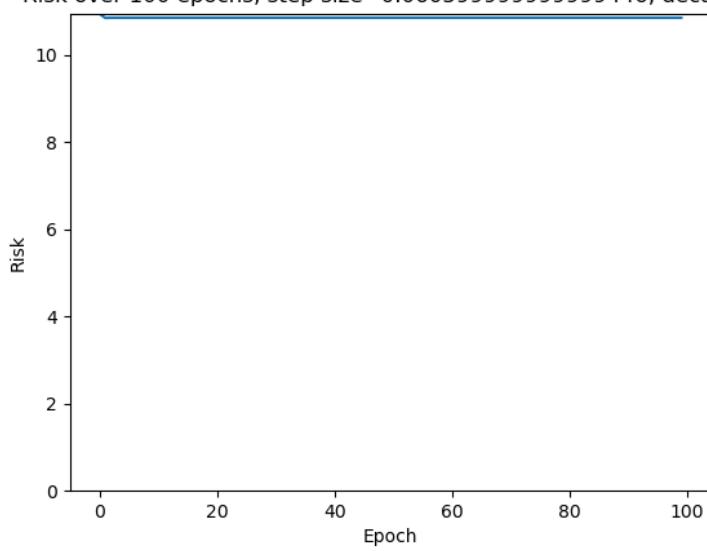
Risk over 100 epochs, step size=0.0606999999999945, decay=3



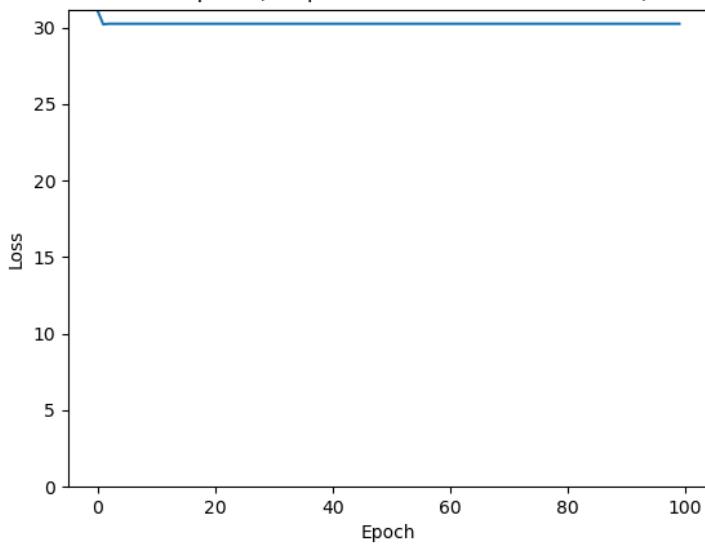
Loss over 100 epochs, step size=0.06059999999999446, decay=3



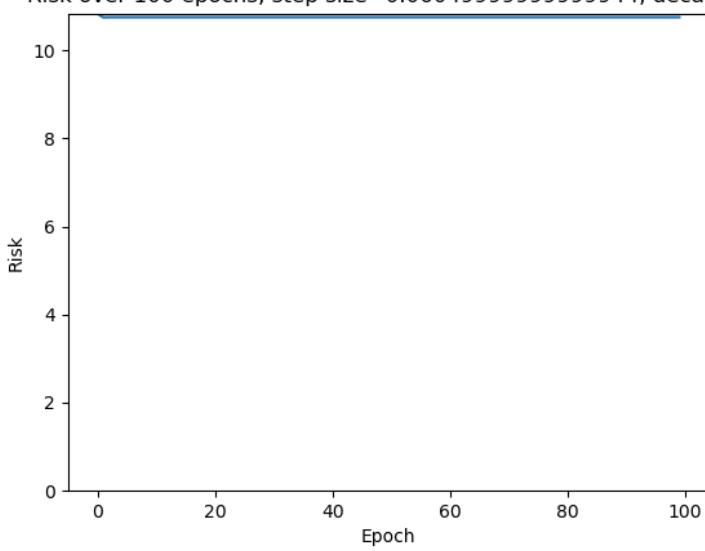
Risk over 100 epochs, step size=0.06059999999999446, decay=3



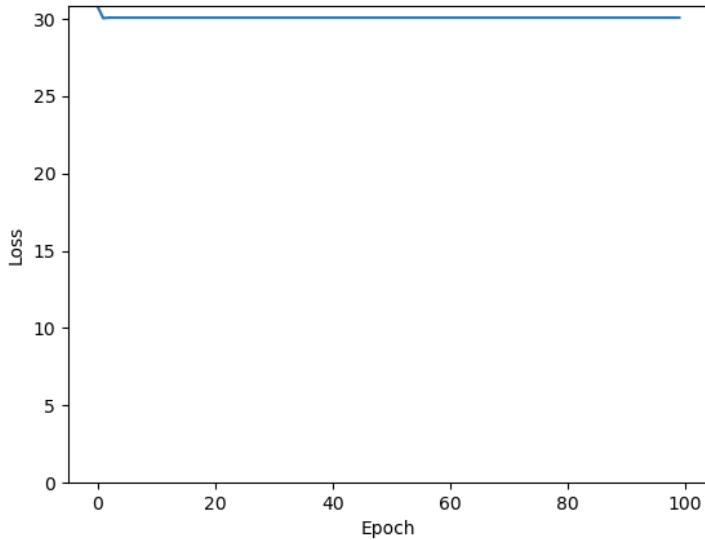
Loss over 100 epochs, step size=0.0604999999999944, decay=3



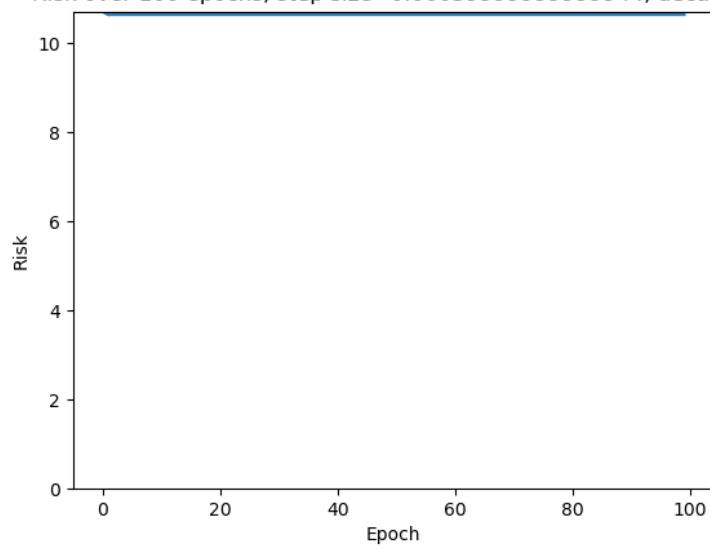
Risk over 100 epochs, step size=0.0604999999999944, decay=3

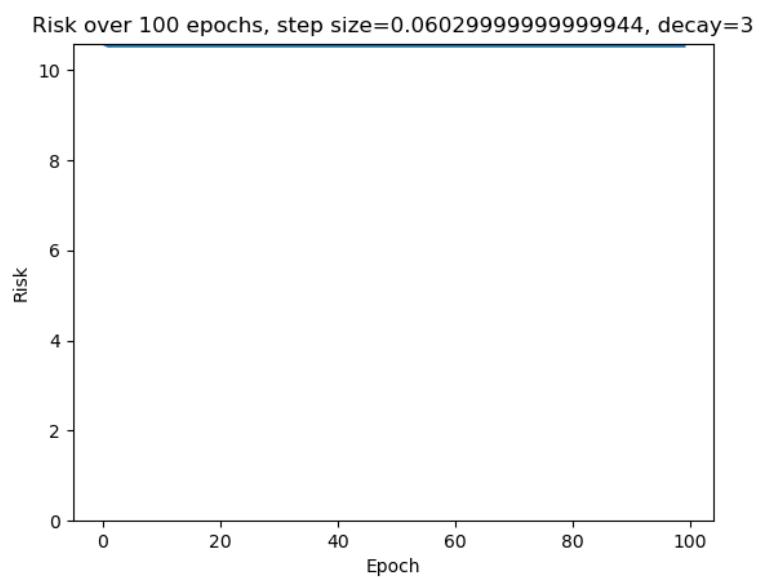
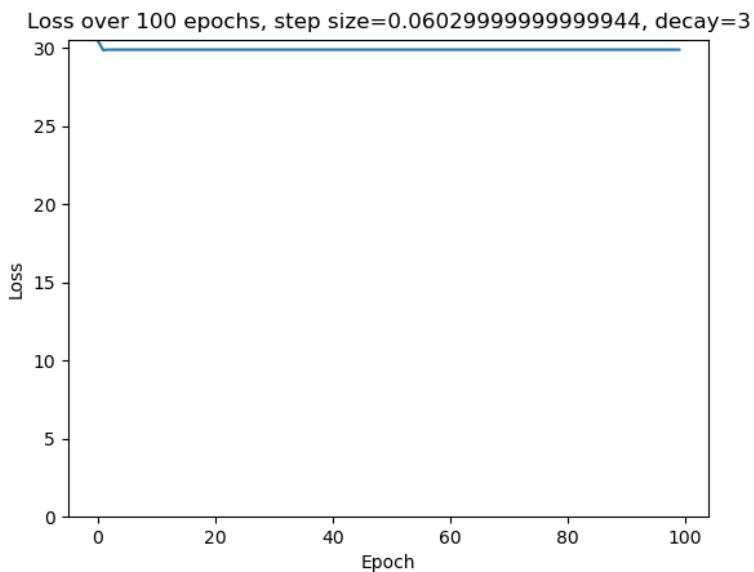


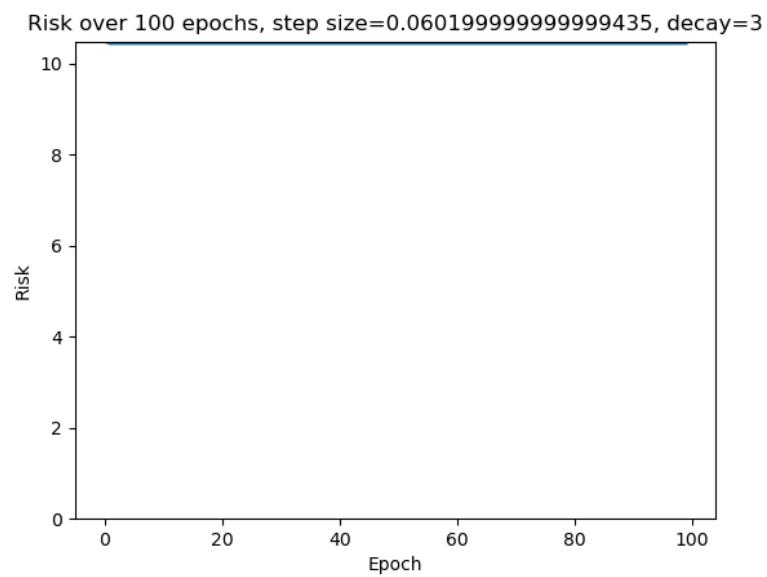
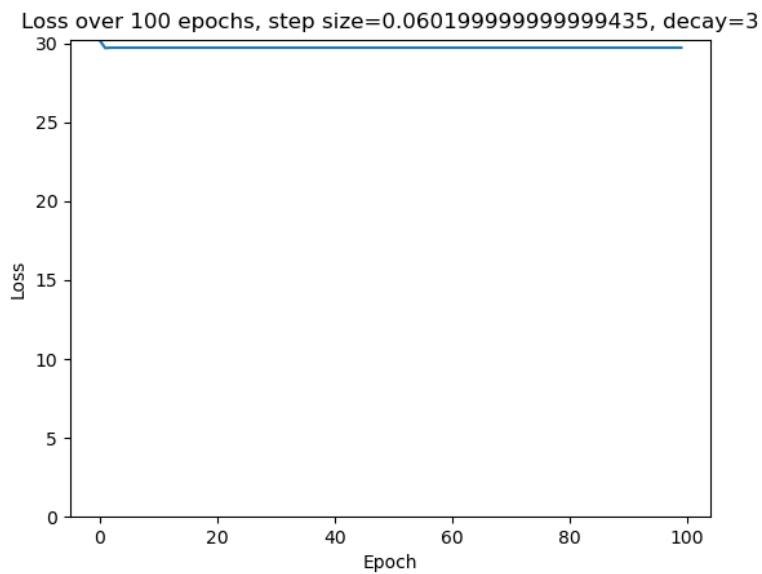
Loss over 100 epochs, step size=0.0603999999999944, decay=3



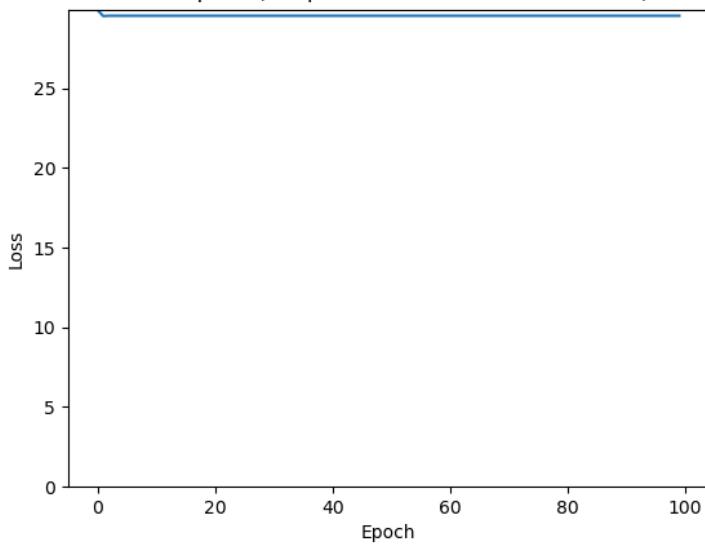
Risk over 100 epochs, step size=0.0603999999999944, decay=3



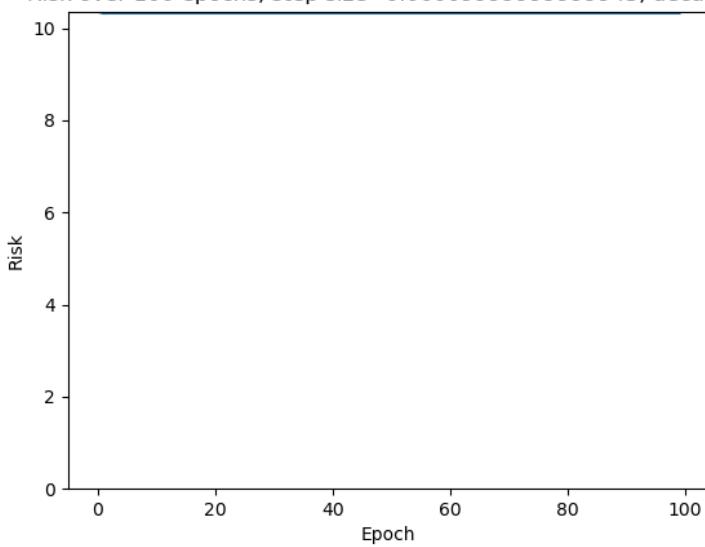




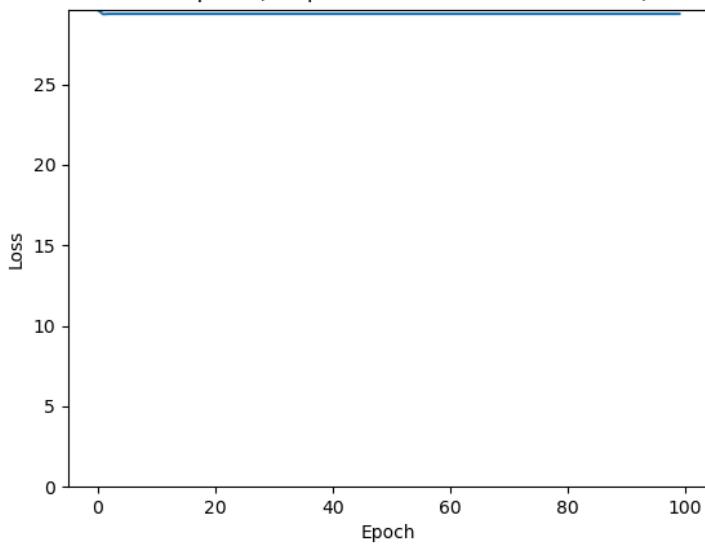
Loss over 100 epochs, step size=0.0600999999999943, decay=3



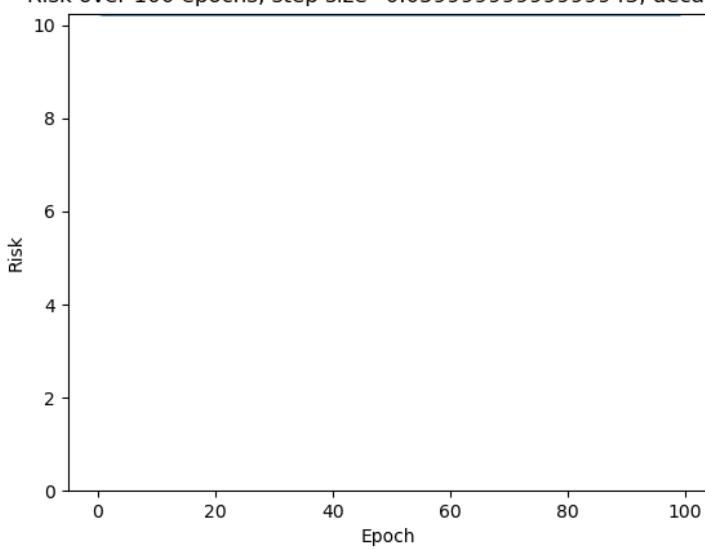
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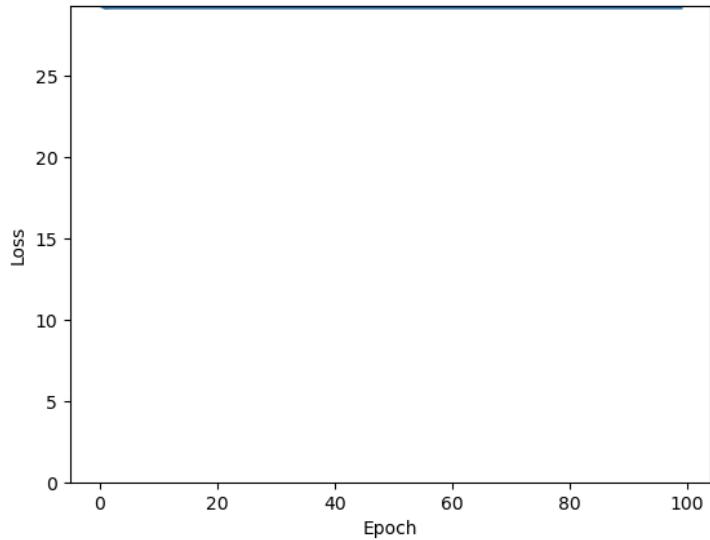
Loss over 100 epochs, step size=0.0599999999999943, decay=3



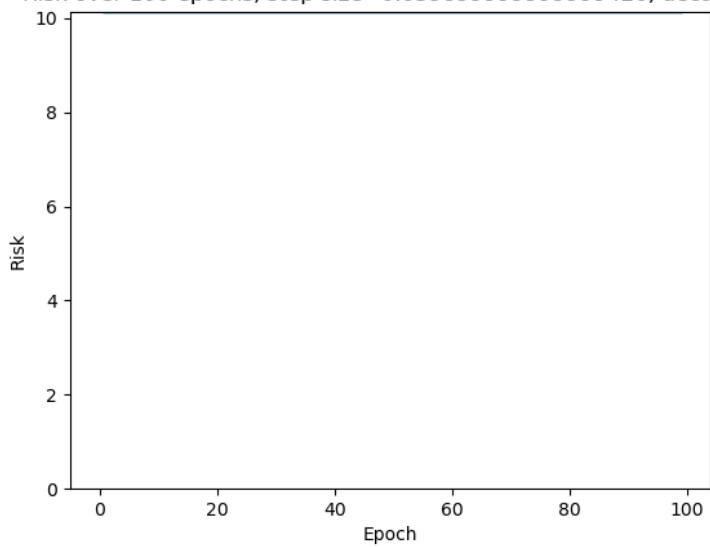
Risk over 100 epochs, step size=0.0599999999999943, decay=3



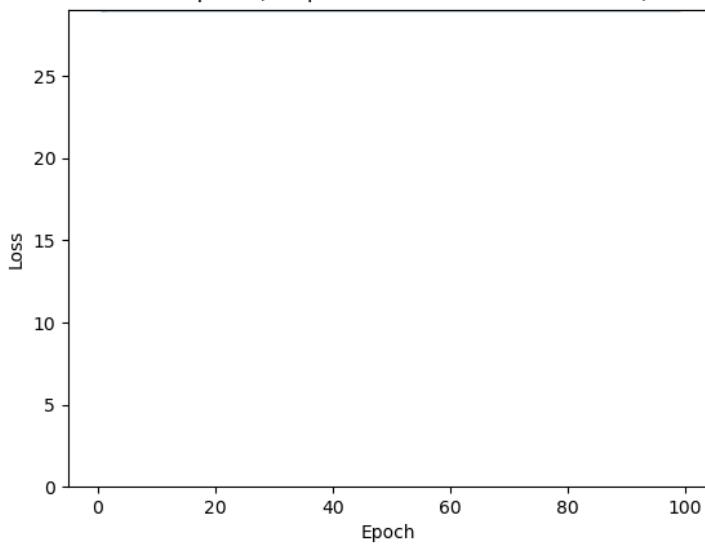
Loss over 100 epochs, step size=0.05989999999999426, decay=3



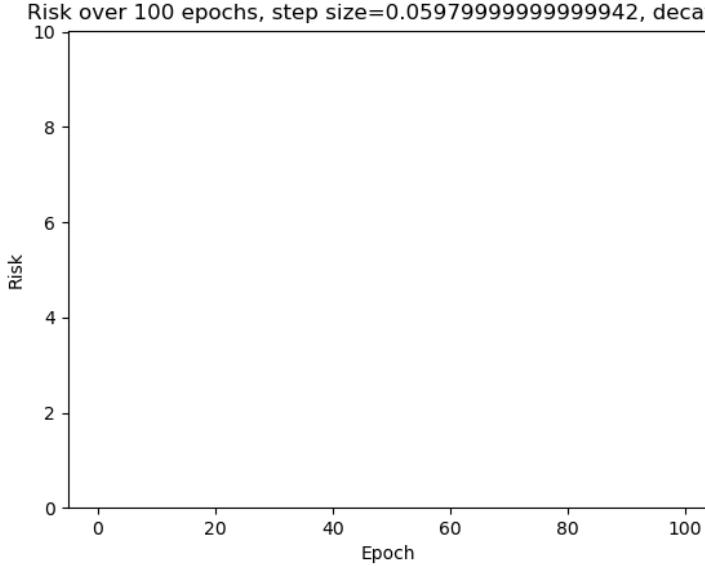
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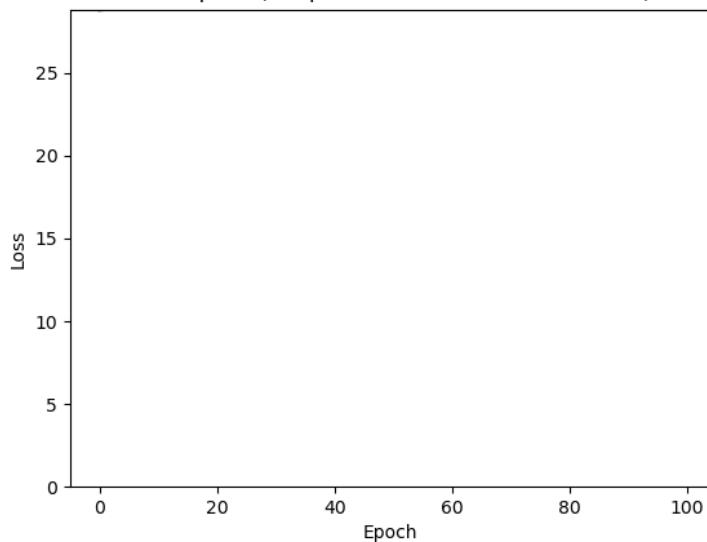
Loss over 100 epochs, step size=0.0597999999999942, decay=3



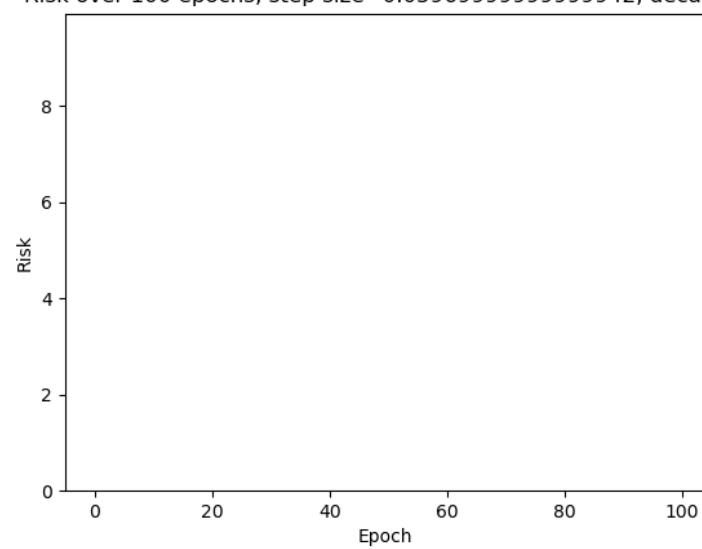
Risk over 100 epochs, step size=0.0597999999999942, decay=3



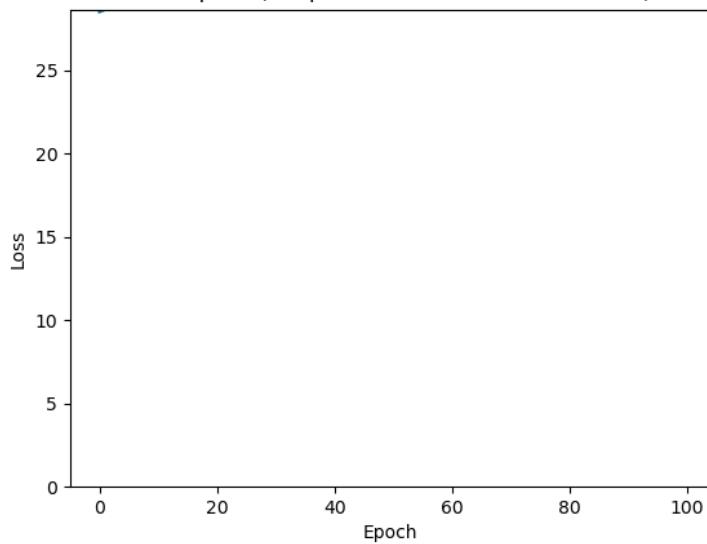
Loss over 100 epochs, step size=0.0596999999999942, decay=3



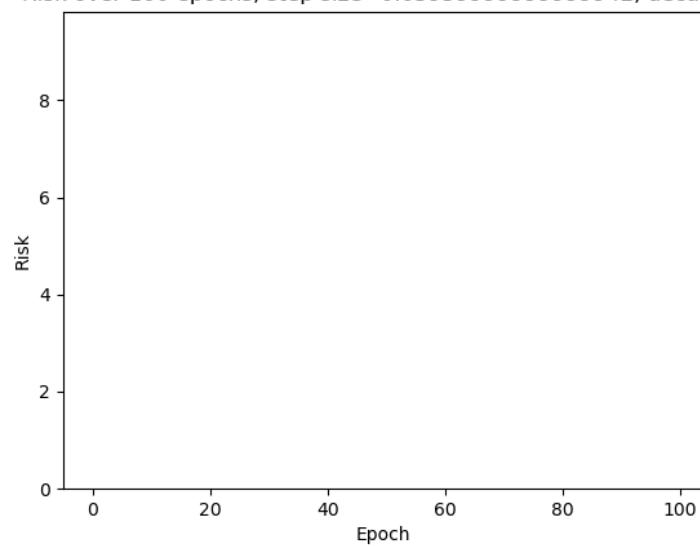
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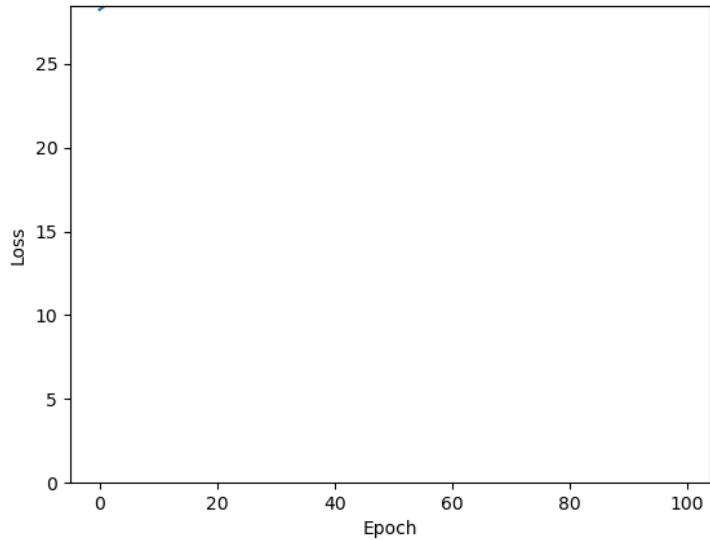
Loss over 100 epochs, step size=0.0595999999999942, decay=3



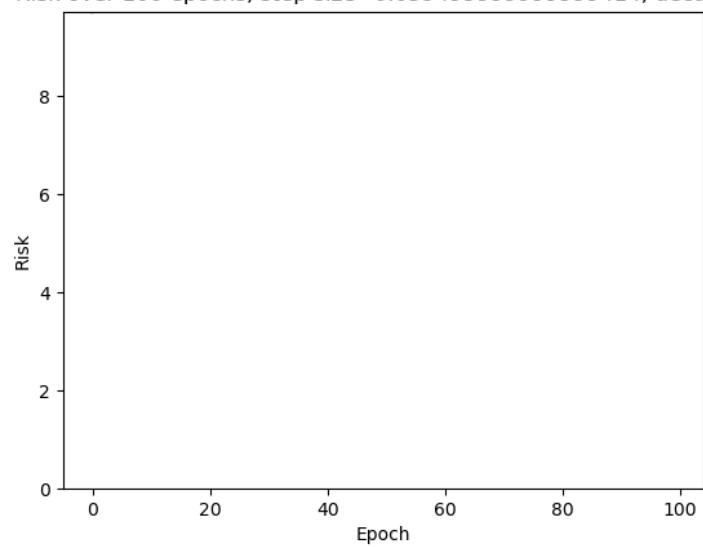
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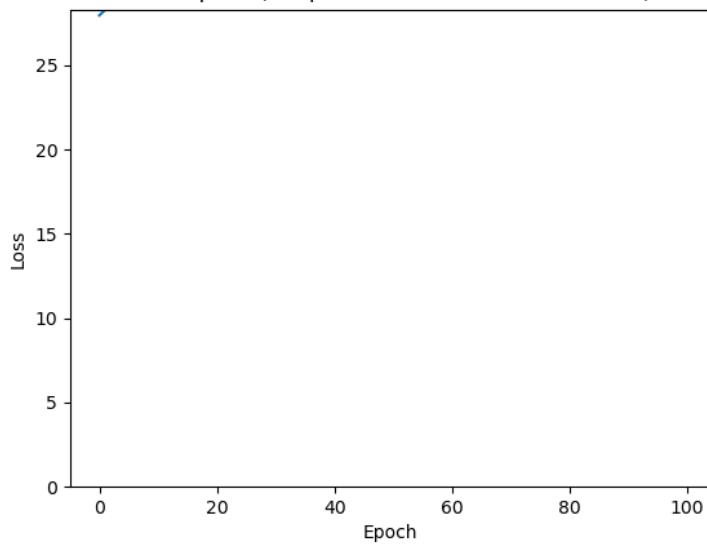
Loss over 100 epochs, step size=0.05949999999999414, decay=3



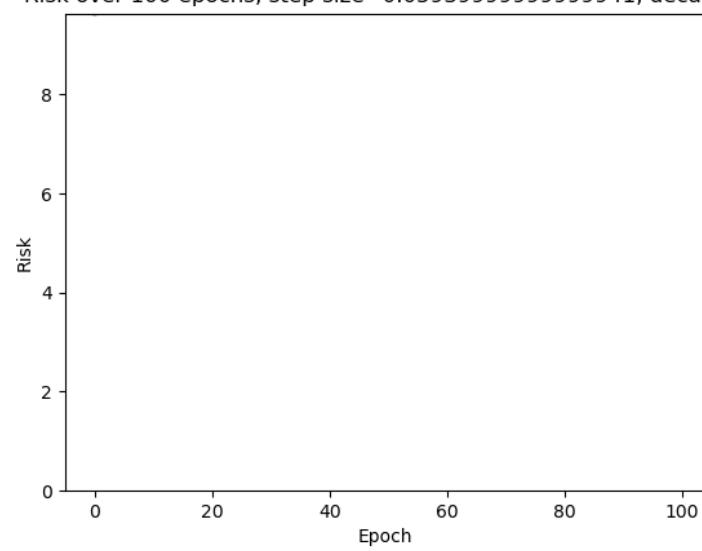
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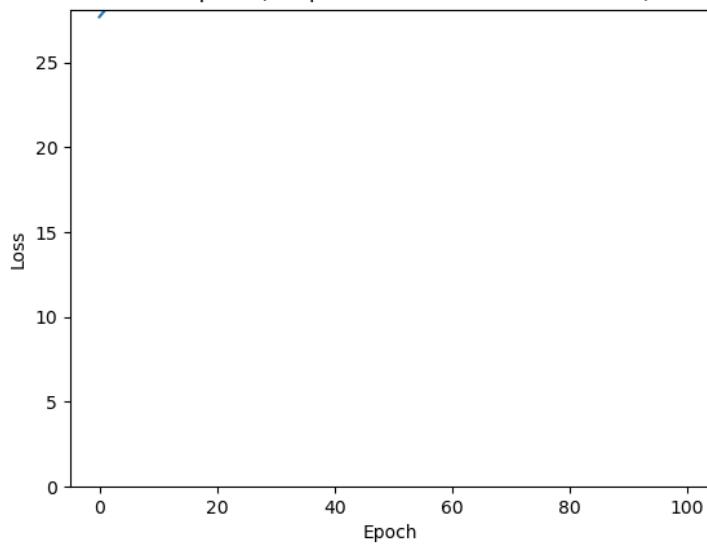
Loss over 100 epochs, step size=0.0593999999999941, decay=3



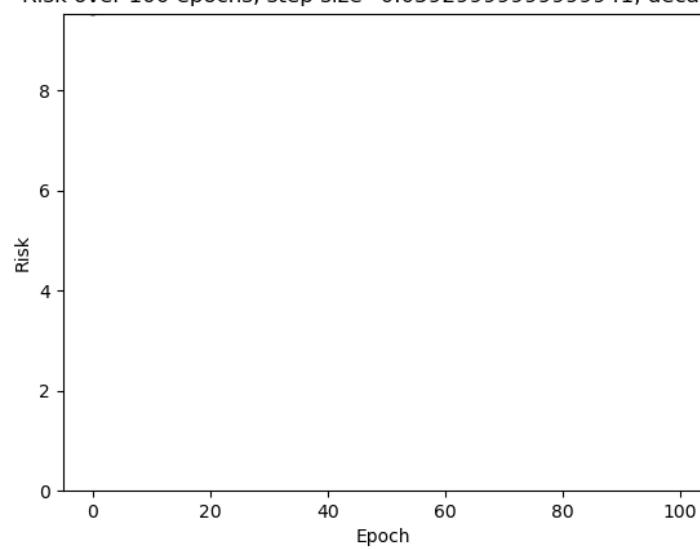
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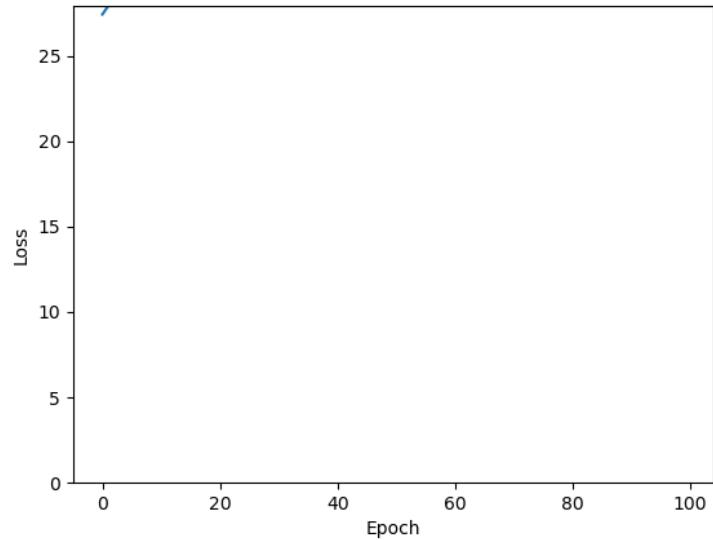
Loss over 100 epochs, step size=0.0592999999999941, decay=3



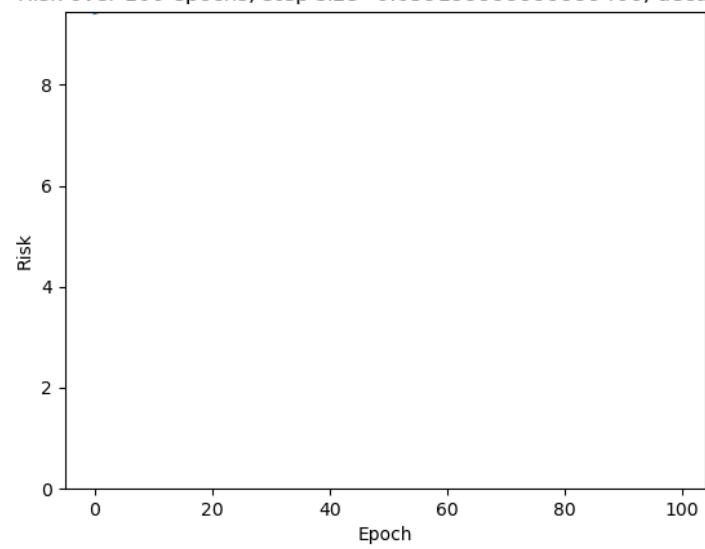
Risk over 100 epochs, step size=0.0592999999999941, decay=3



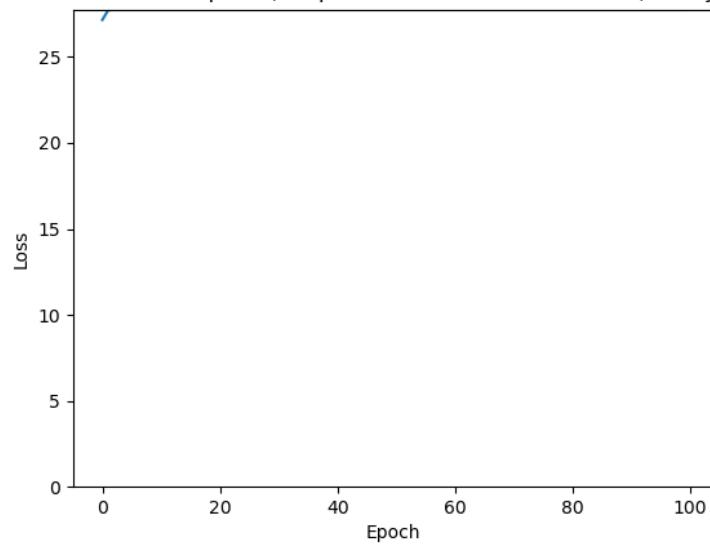
Loss over 100 epochs, step size=0.0591999999999406, decay=3



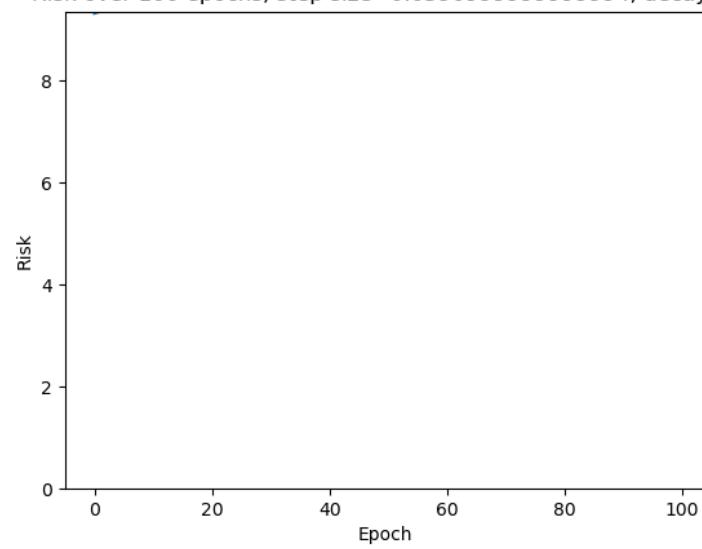
Risk over 100 epochs, step size=0.0591999999999406, decay=3



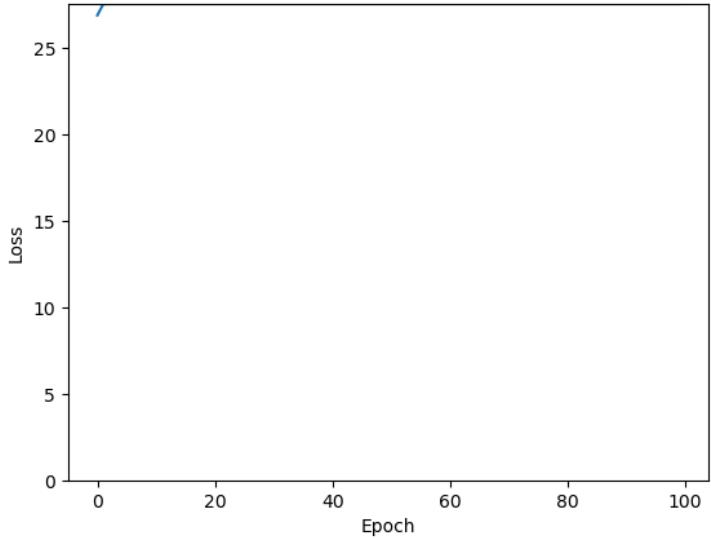
Loss over 100 epochs, step size=0.059099999999994, decay=3



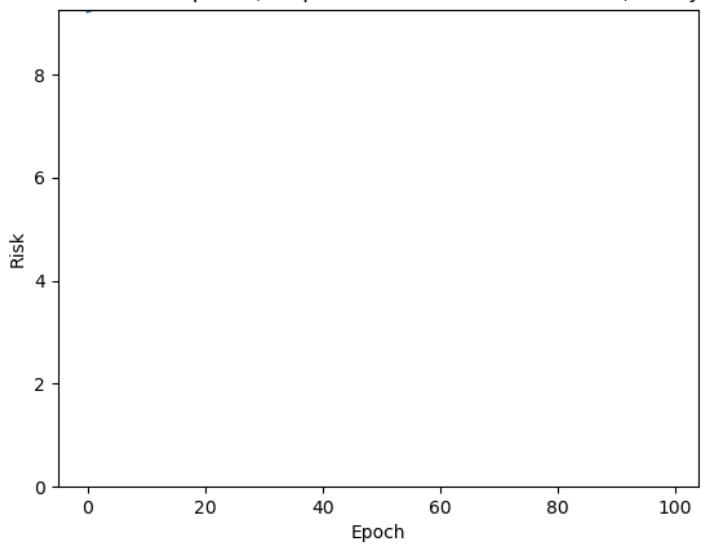
Risk over 100 epochs, step size=0.059099999999994, decay=3



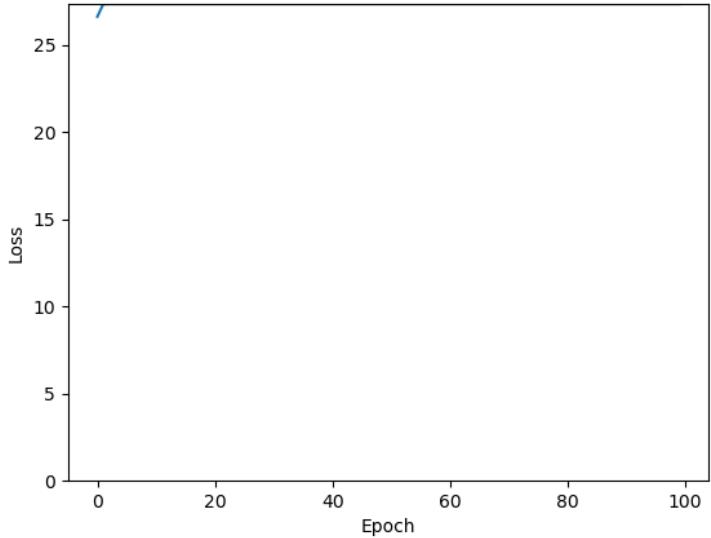
Loss over 100 epochs, step size=0.0589999999999994, decay=3



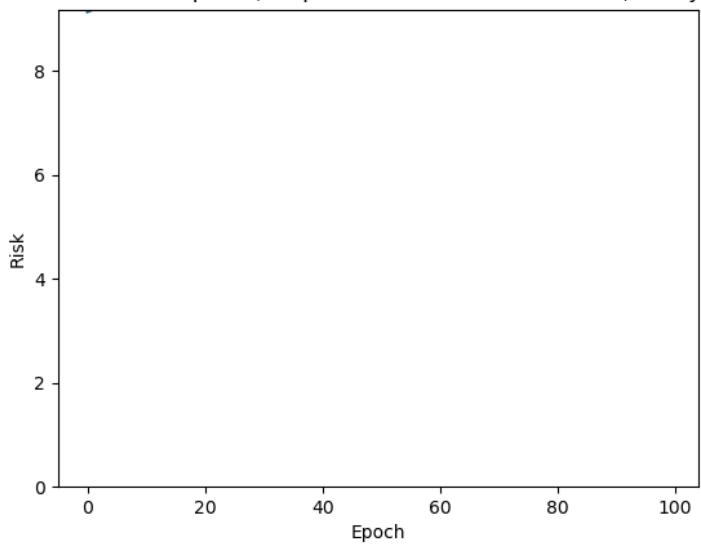
Risk over 100 epochs, step size=0.0589999999999994, decay=3



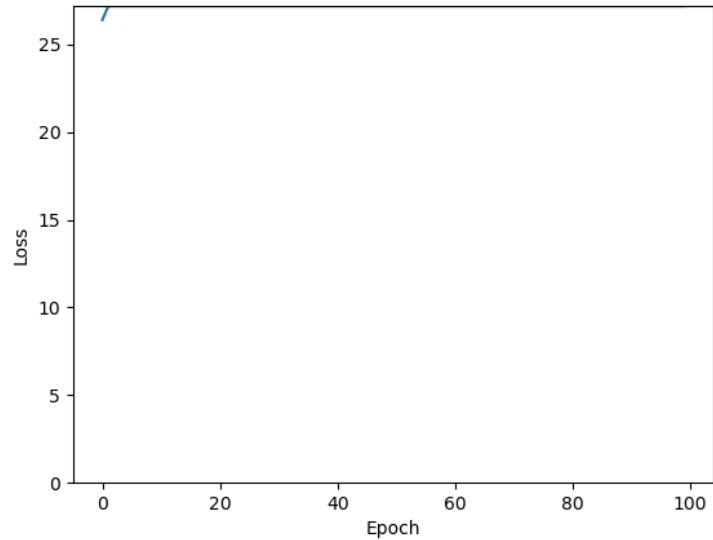
Loss over 100 epochs, step size=0.0588999999999994, decay=3



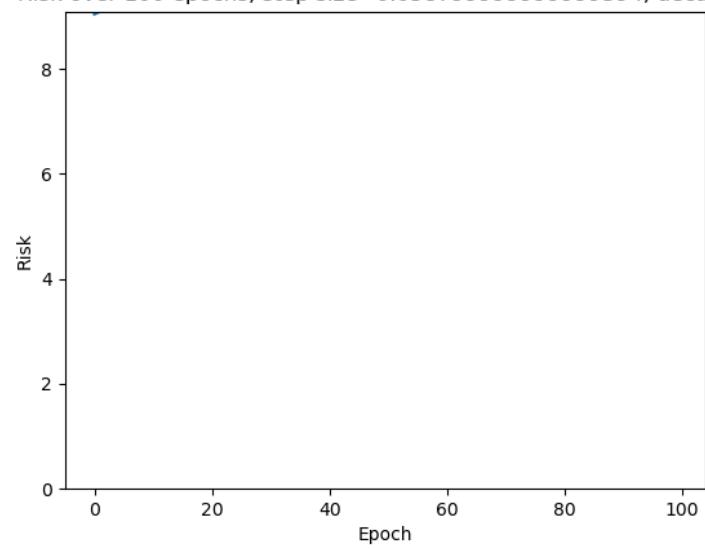
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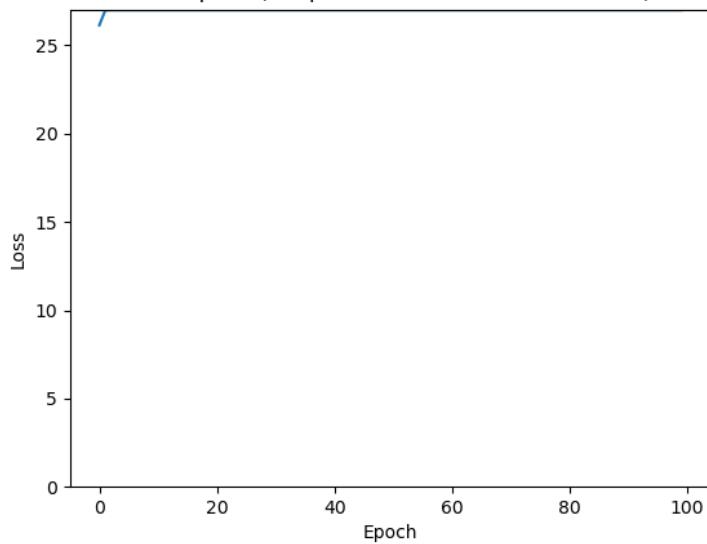
Loss over 100 epochs, step size=0.05879999999999394, decay=3



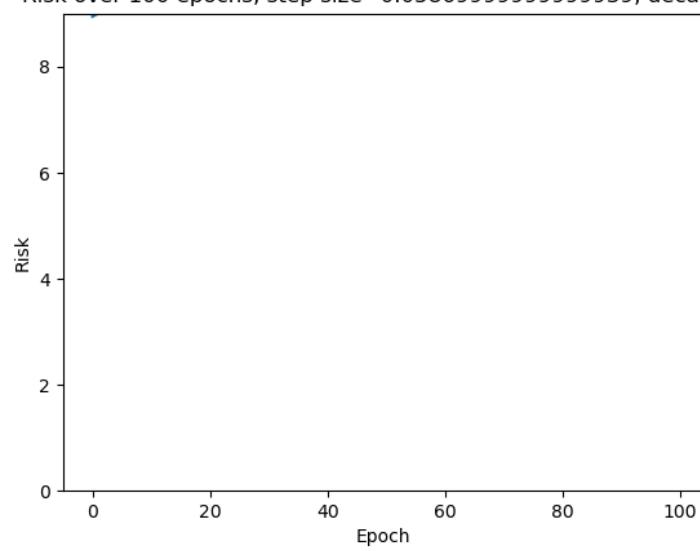
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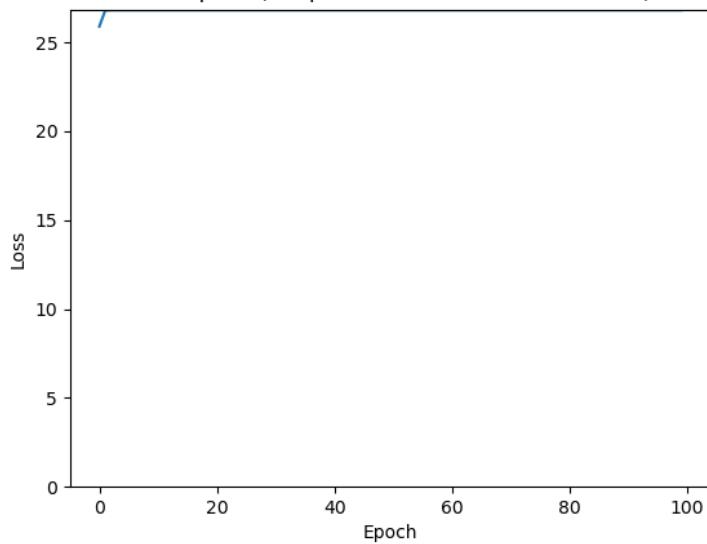
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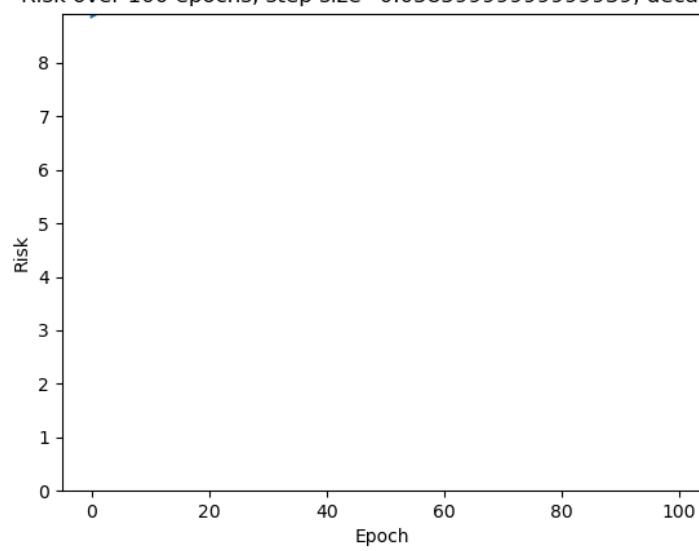
Risk over 100 epochs, step size=0.0586999999999939, decay=3



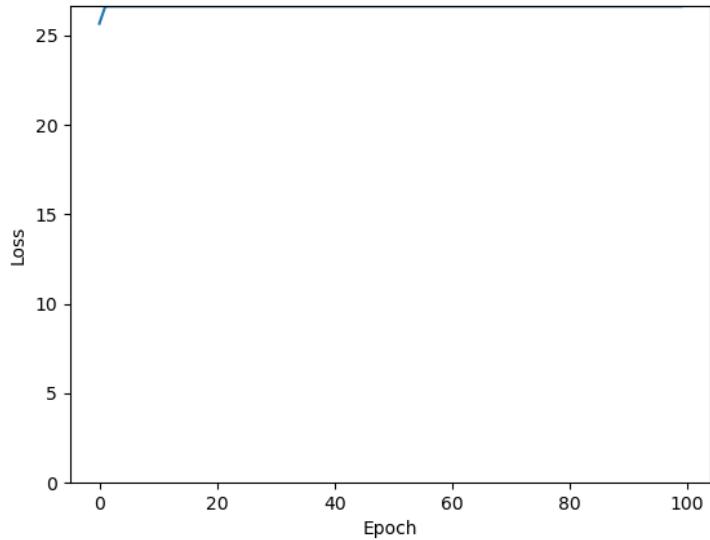
Loss over 100 epochs, step size=0.05859999999999939, decay=3



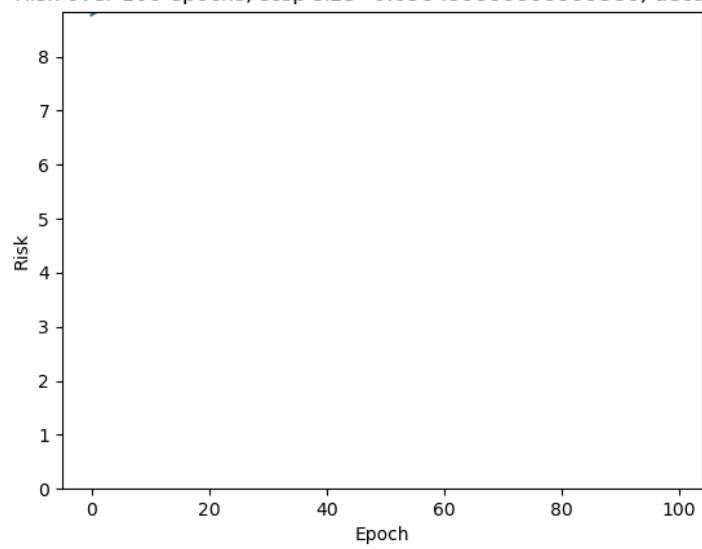
Risk over 100 epochs, step size=0.05859999999999939, decay=3



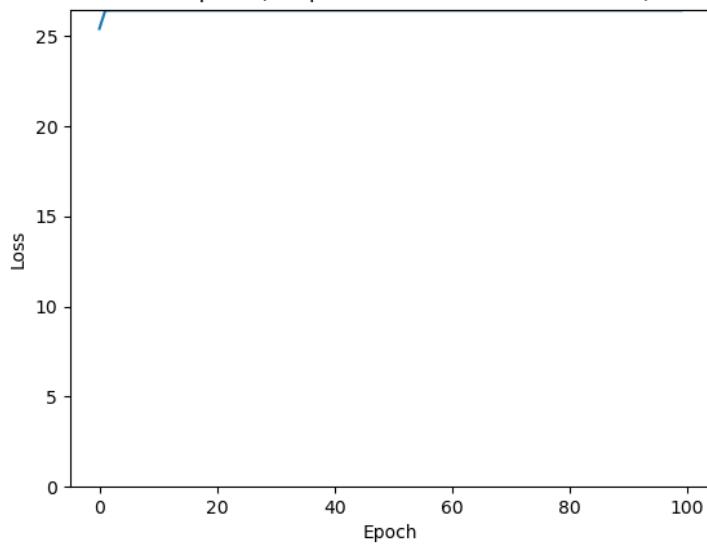
Loss over 100 epochs, step size=0.05849999999999386, decay=3



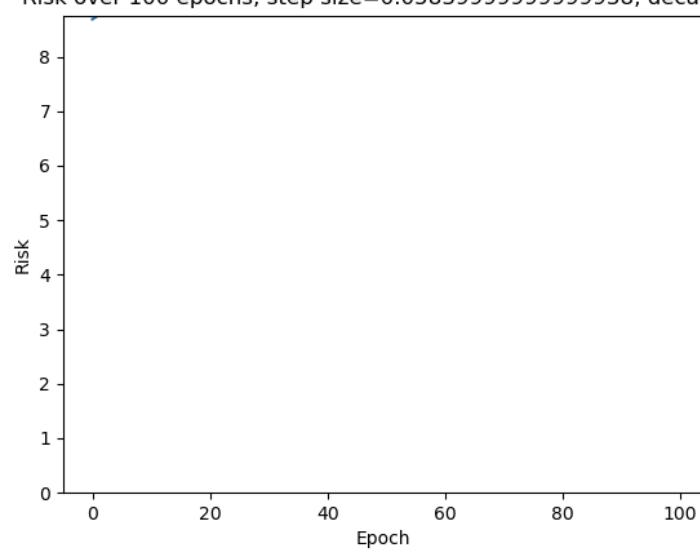
Risk over 100 epochs, step size=0.05849999999999386, decay=3



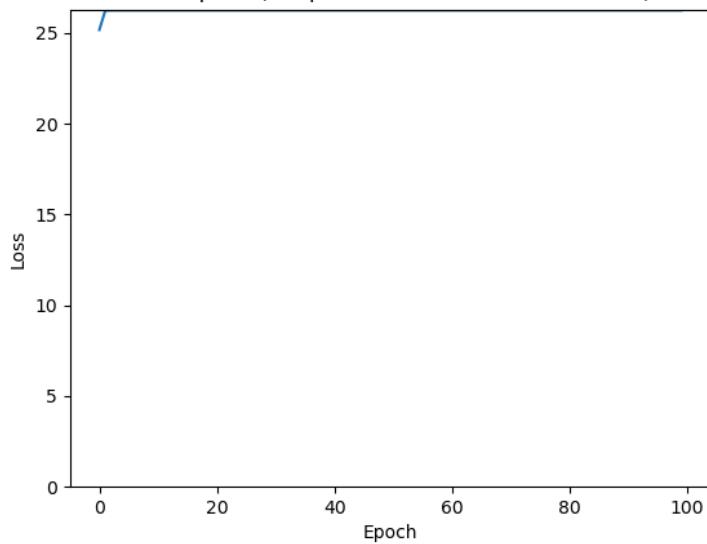
Loss over 100 epochs, step size=0.0583999999999938, decay=3



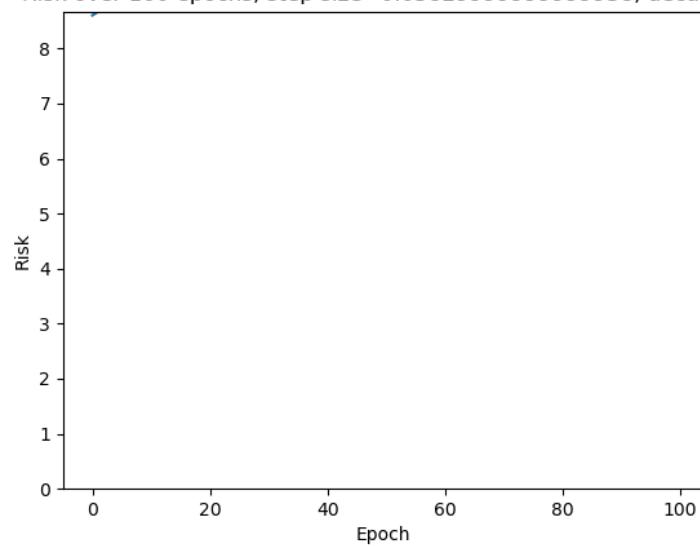
Risk over 100 epochs, step size=0.0583999999999938, decay=3



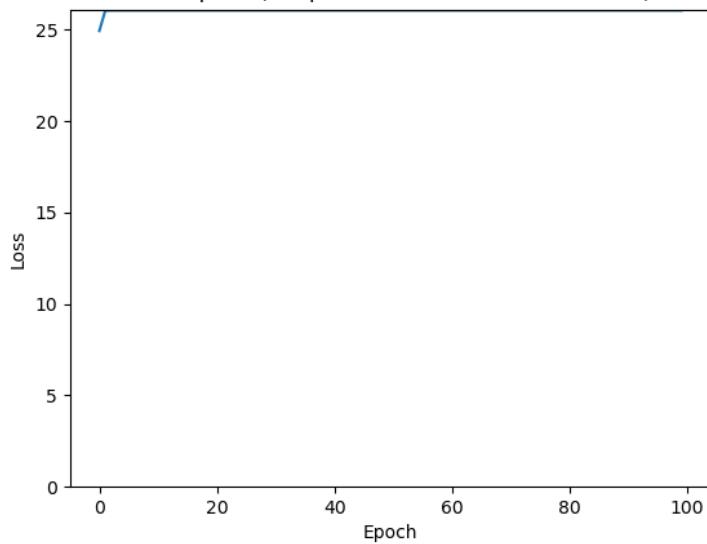
Loss over 100 epochs, step size=0.0582999999999938, decay=3



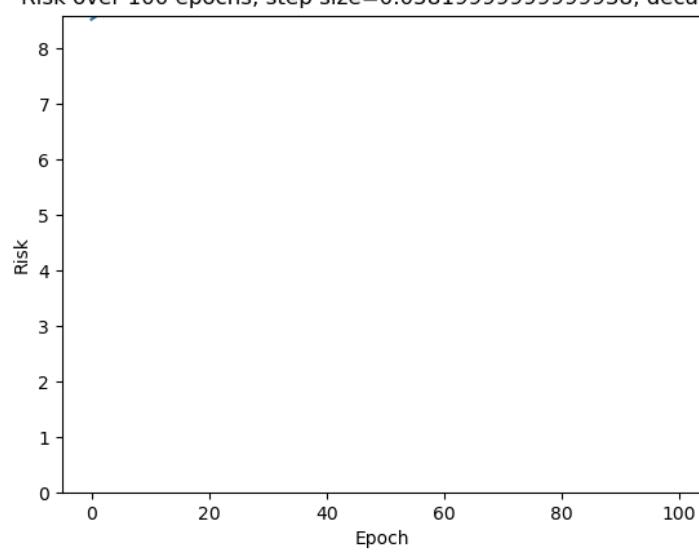
Risk over 100 epochs, step size=0.0582999999999938, decay=3



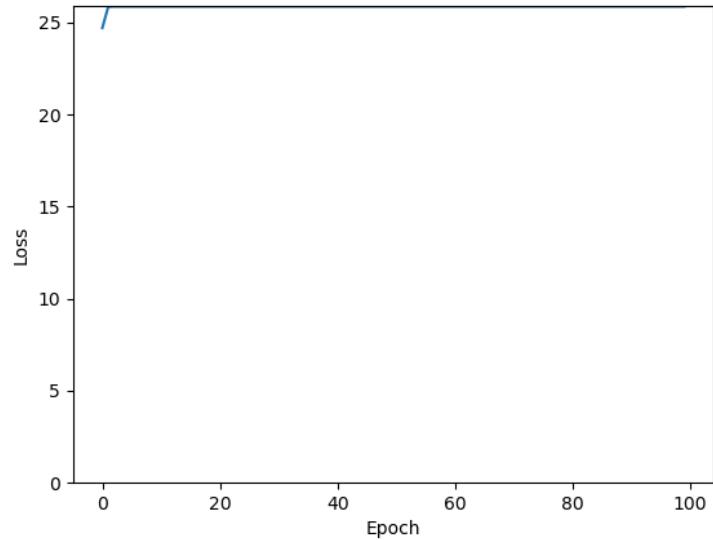
Loss over 100 epochs, step size=0.0581999999999938, decay=3



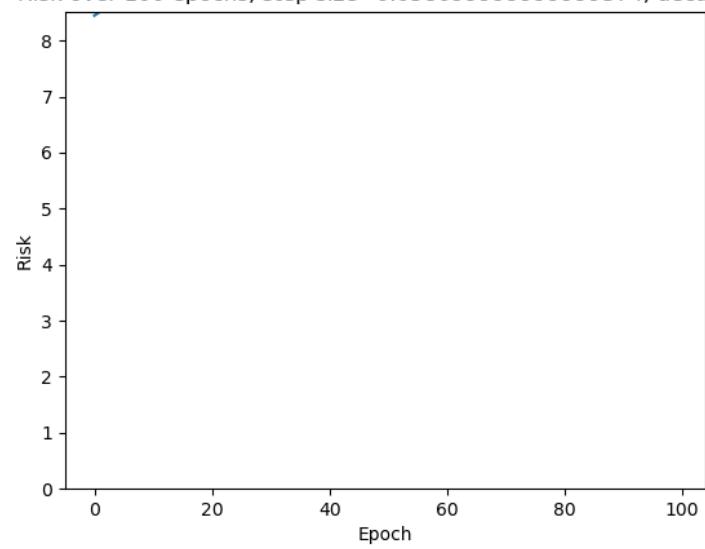
Risk over 100 epochs, step size=0.0581999999999938, decay=3



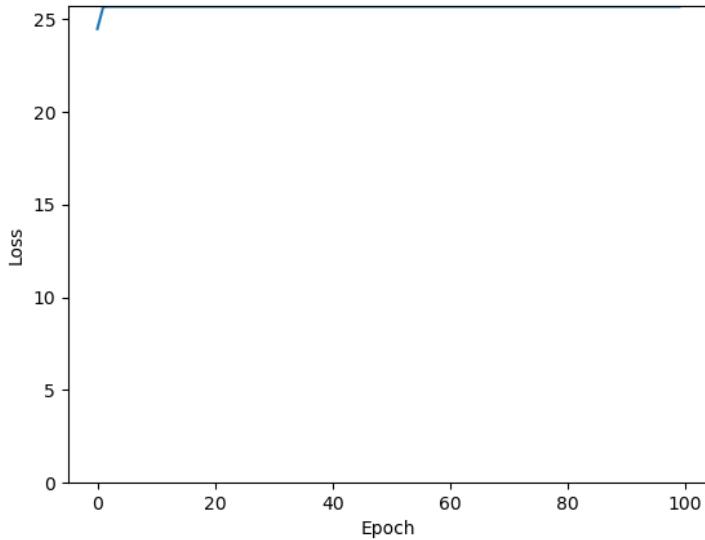
Loss over 100 epochs, step size=0.05809999999999374, decay=3



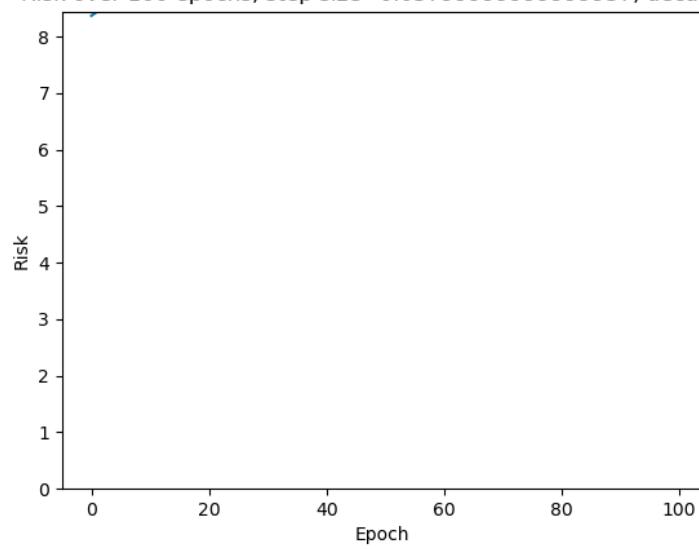
Risk over 100 epochs, step size=0.05809999999999374, decay=3

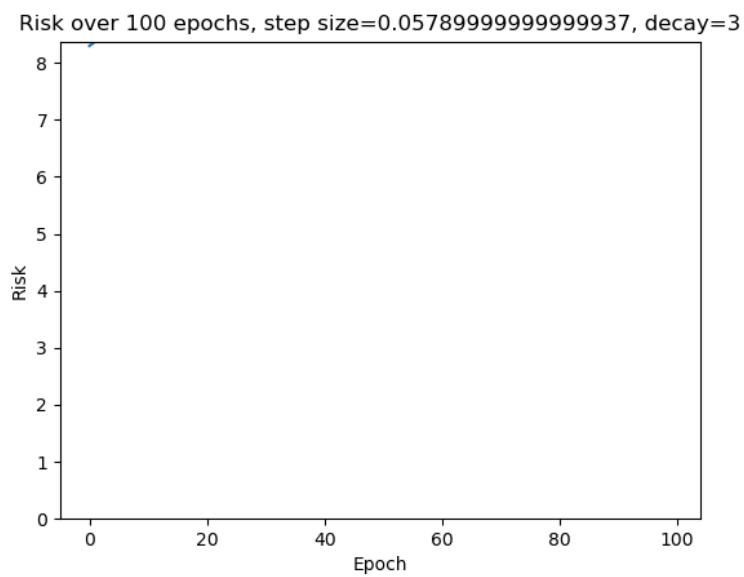
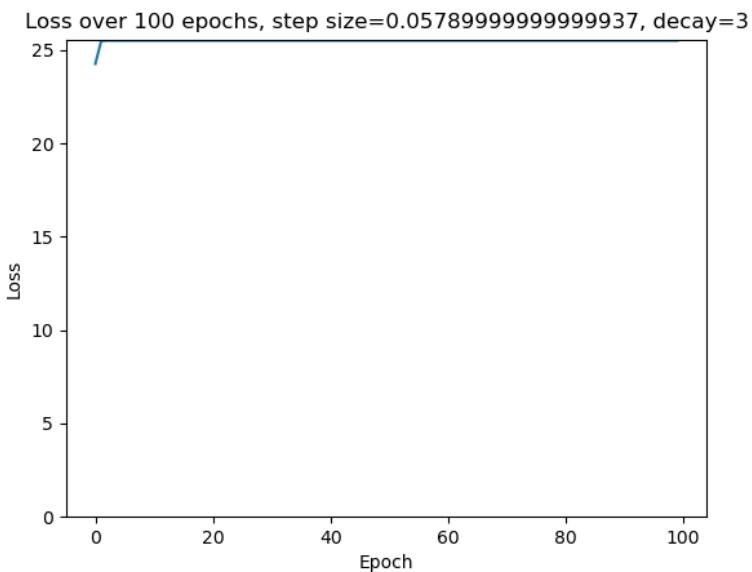


Loss over 100 epochs, step size=0.0579999999999937, decay=3

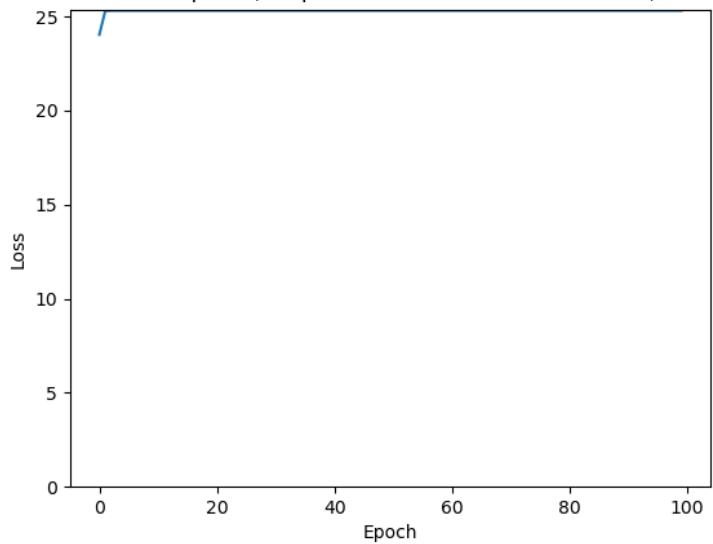


Risk over 100 epochs, step size=0.0579999999999937, decay=3

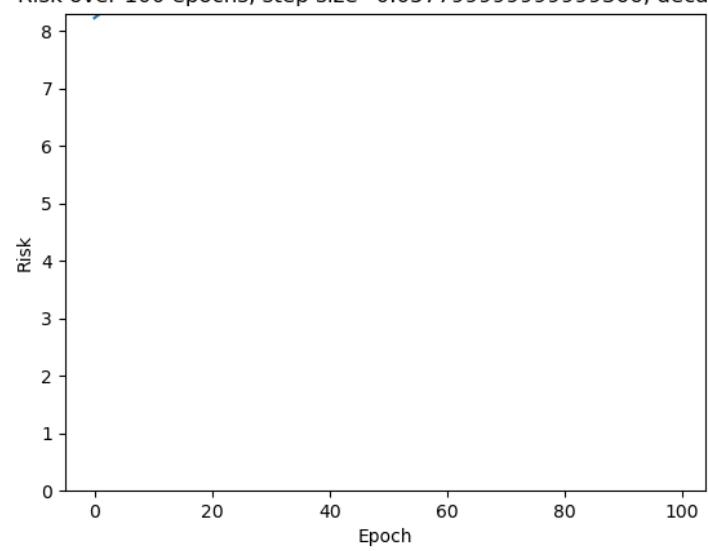


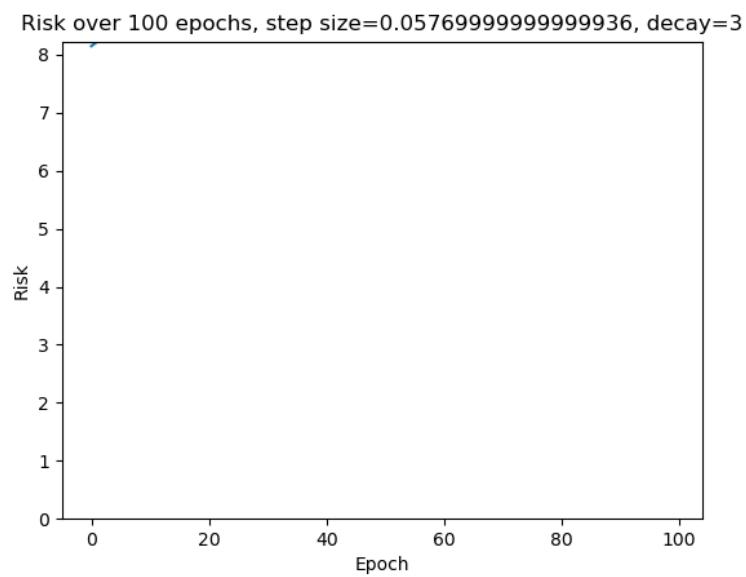
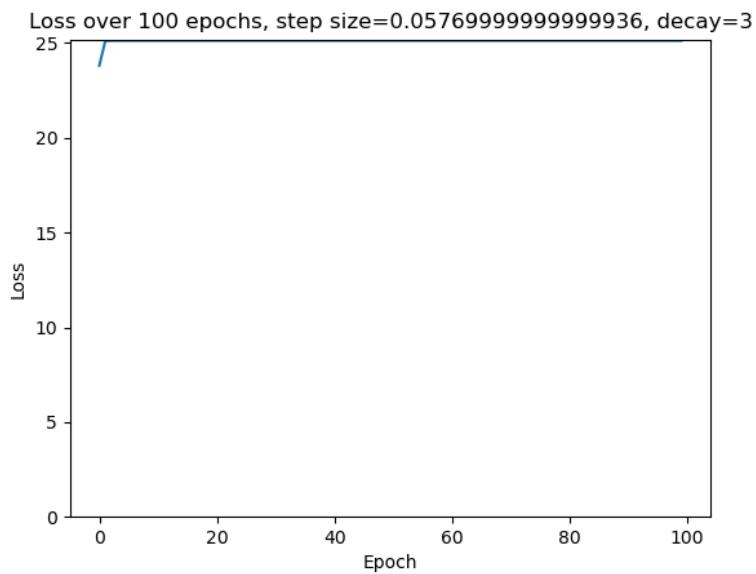


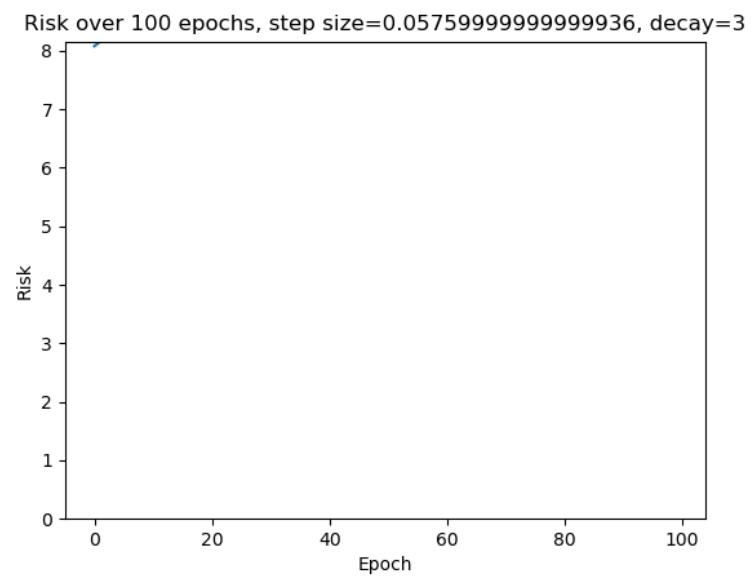
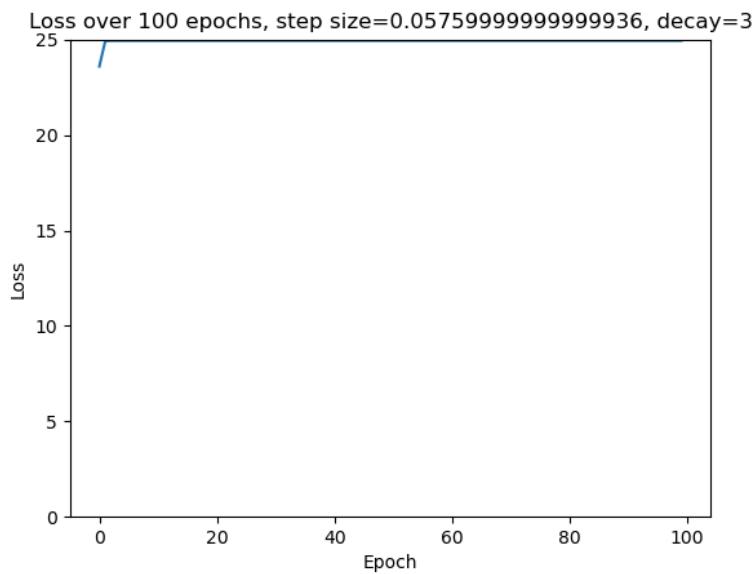
Loss over 100 epochs, step size=0.05779999999999366, decay=3



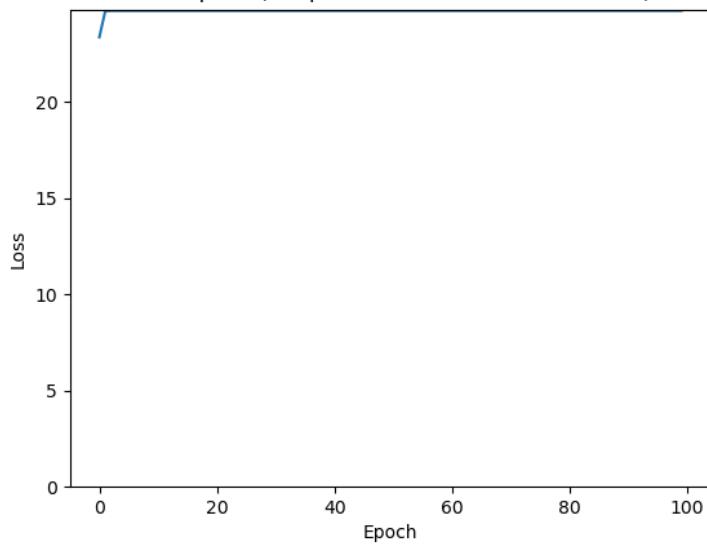
Risk over 100 epochs, step size=0.05779999999999366, decay=3



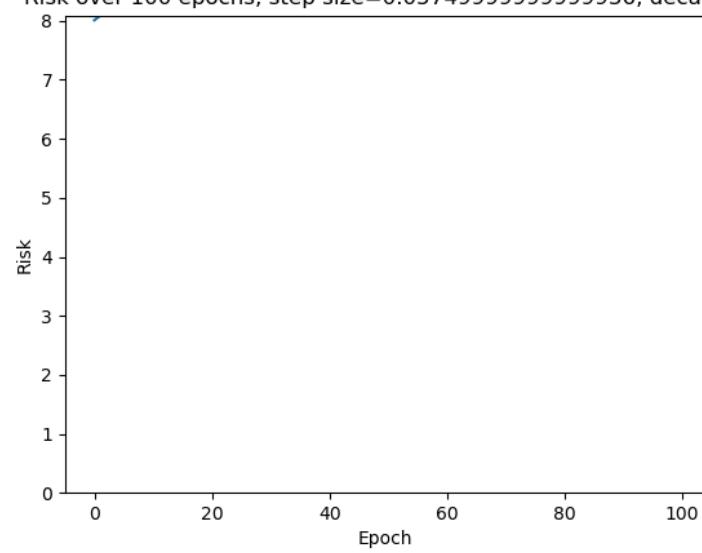




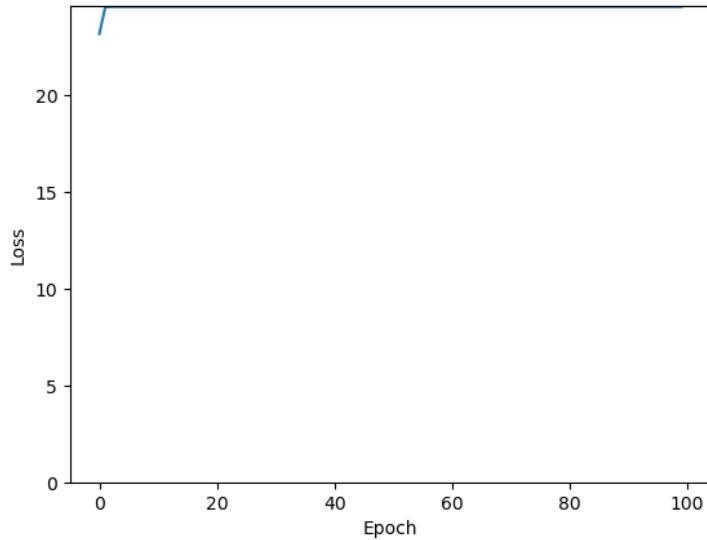
Loss over 100 epochs, step size=0.0574999999999936, decay=3



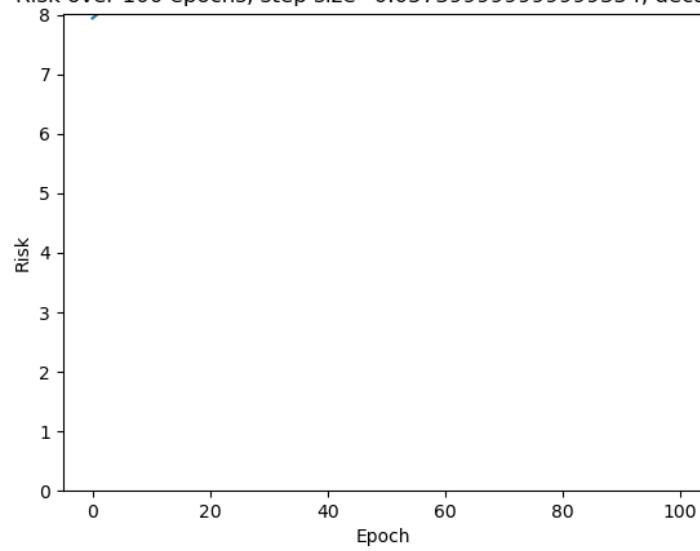
Risk over 100 epochs, step size=0.0574999999999936, decay=3



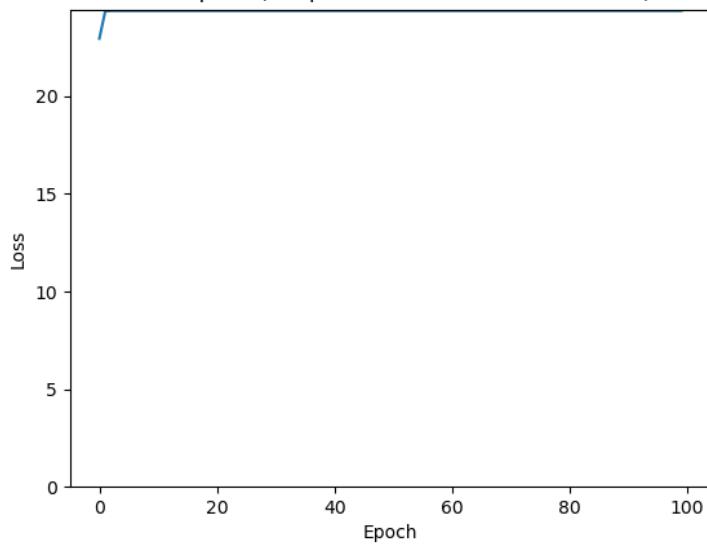
Loss over 100 epochs, step size=0.05739999999999354, decay=3



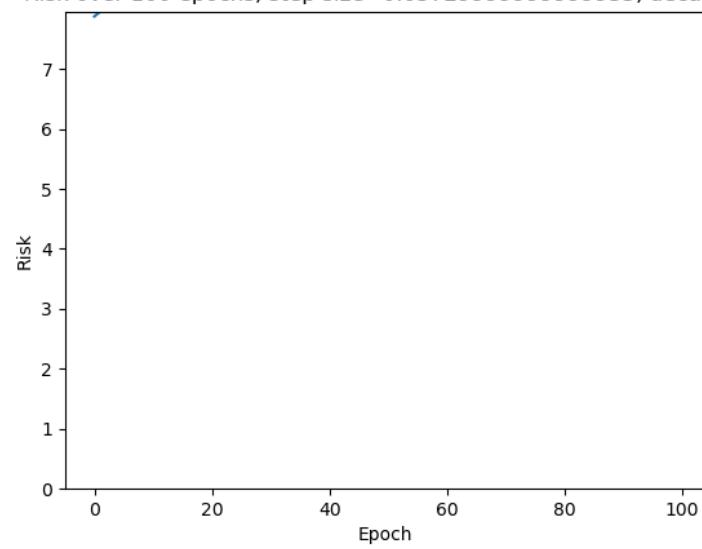
Risk over 100 epochs, step size=0.05739999999999354, decay=3



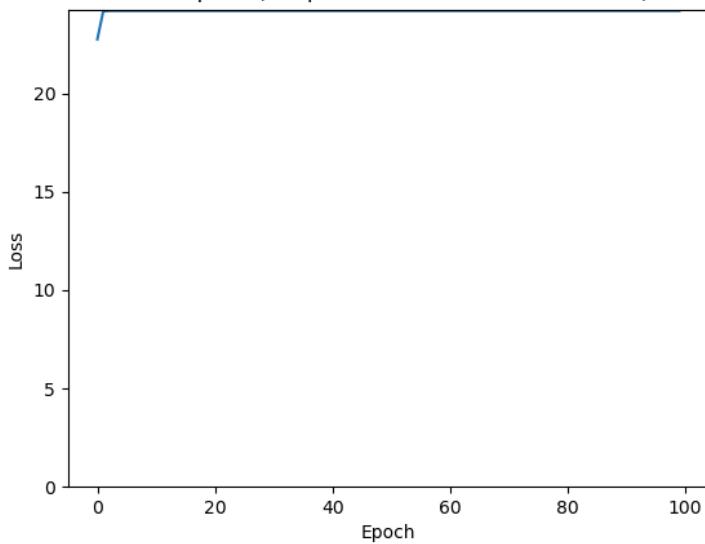
Loss over 100 epochs, step size=0.0572999999999935, decay=3



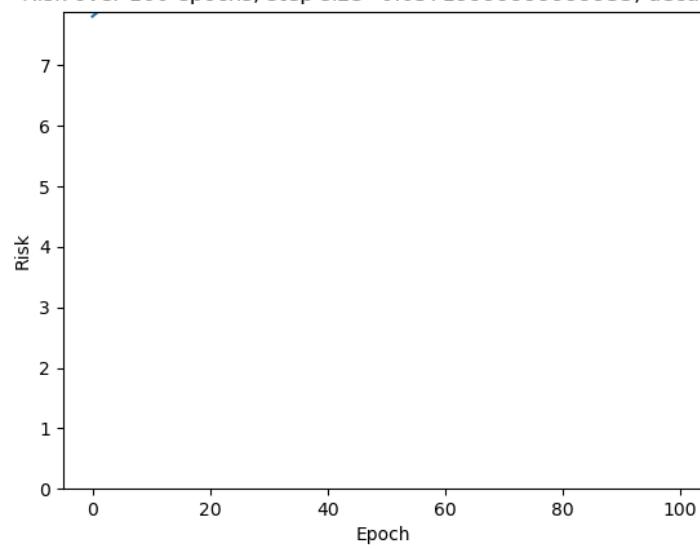
Risk over 100 epochs, step size=0.0572999999999935, decay=3



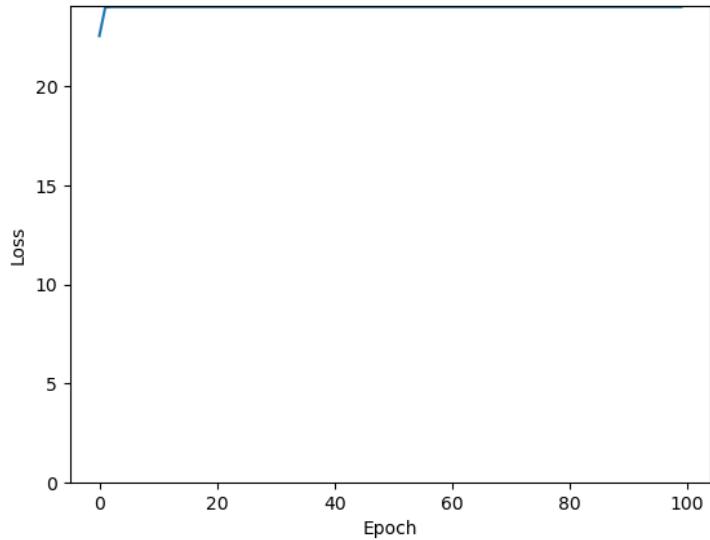
Loss over 100 epochs, step size=0.0571999999999935, decay=3



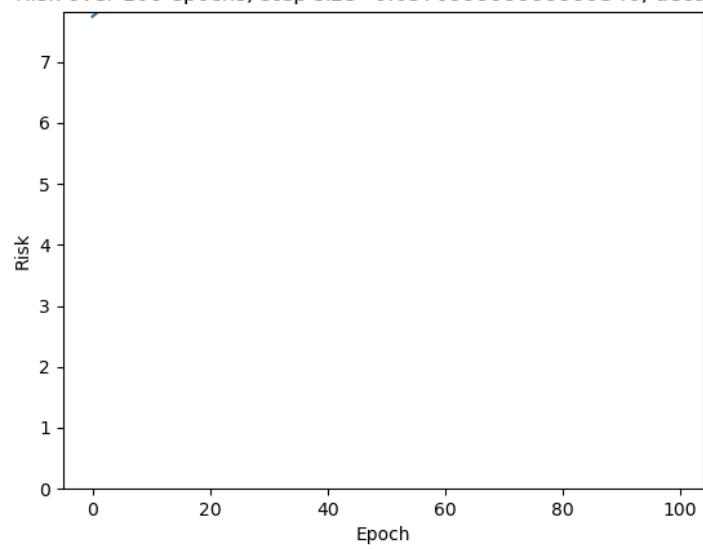
Risk over 100 epochs, step size=0.0571999999999935, decay=3



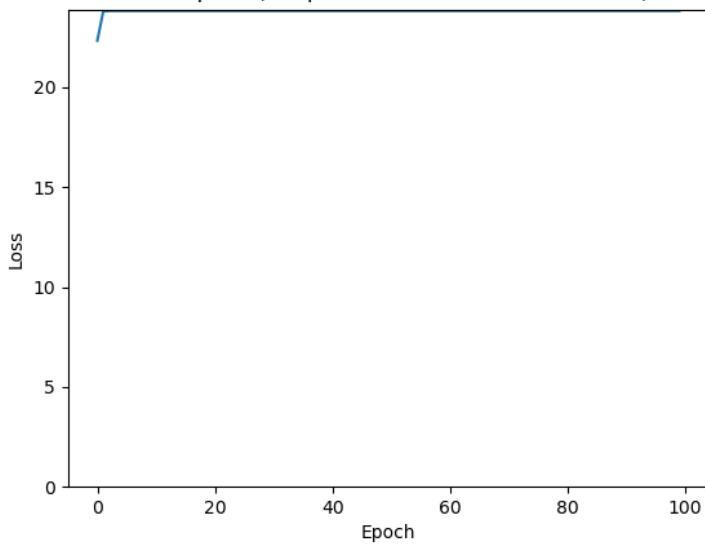
Loss over 100 epochs, step size=0.05709999999999346, decay=3



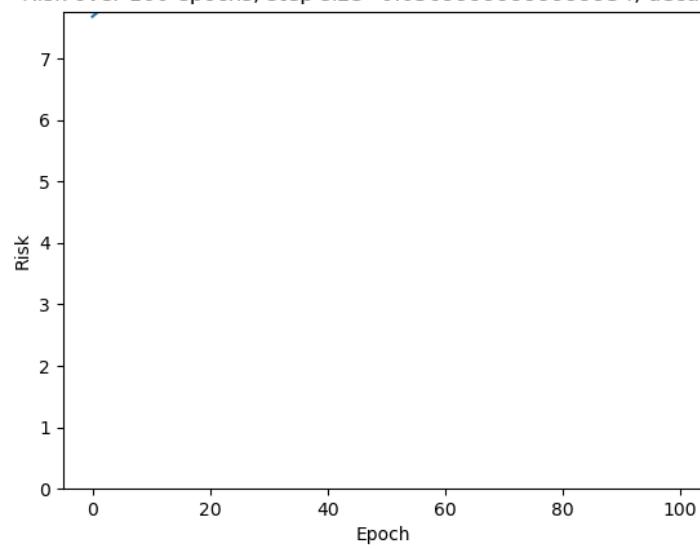
Risk over 100 epochs, step size=0.05709999999999346, decay=3



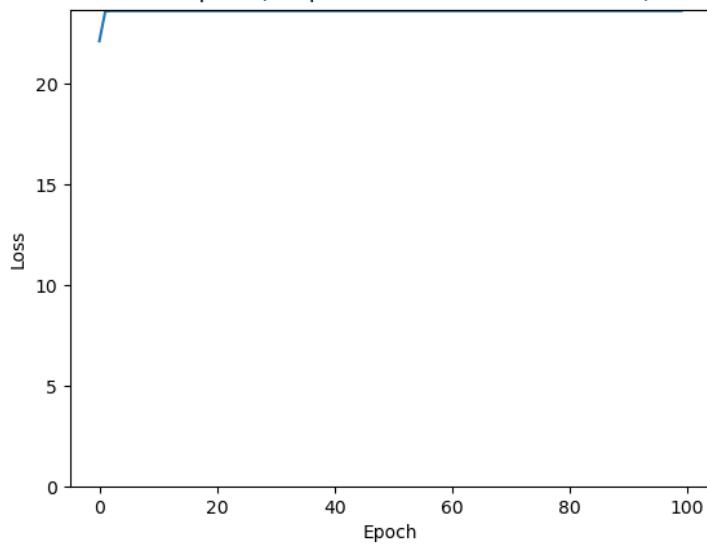
Loss over 100 epochs, step size=0.0569999999999934, decay=3



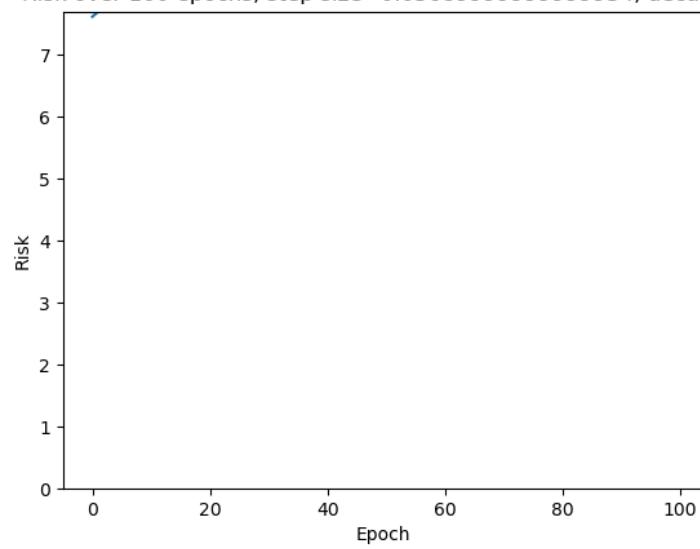
Risk over 100 epochs, step size=0.0569999999999934, decay=3



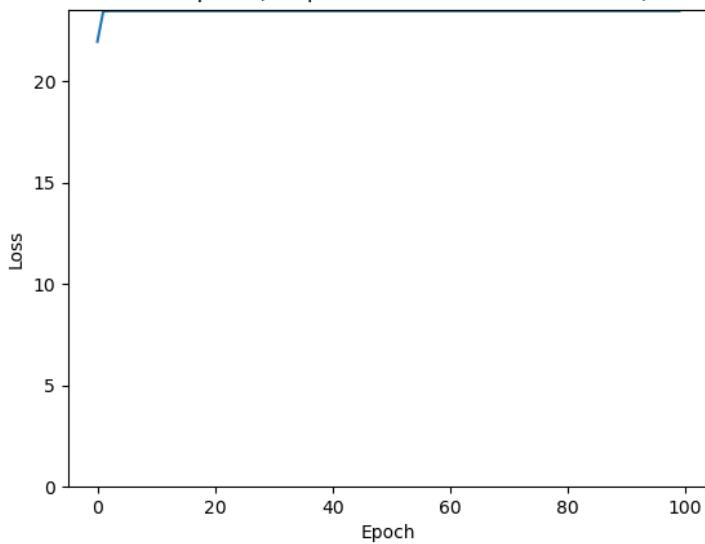
Loss over 100 epochs, step size=0.0568999999999934, decay=3



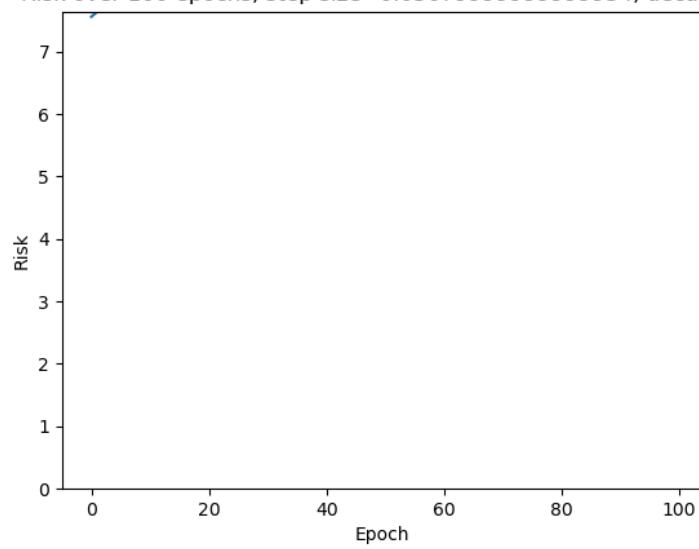
Risk over 100 epochs, step size=0.0568999999999934, decay=3



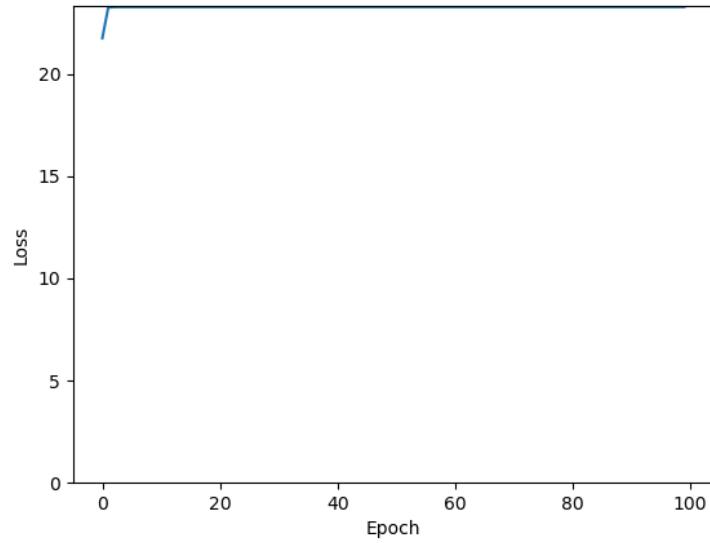
Loss over 100 epochs, step size=0.0567999999999934, decay=3



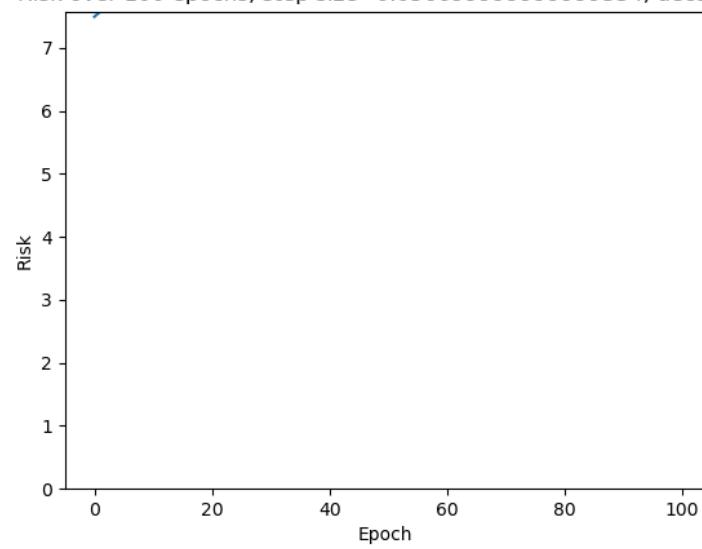
Risk over 100 epochs, step size=0.0567999999999934, decay=3



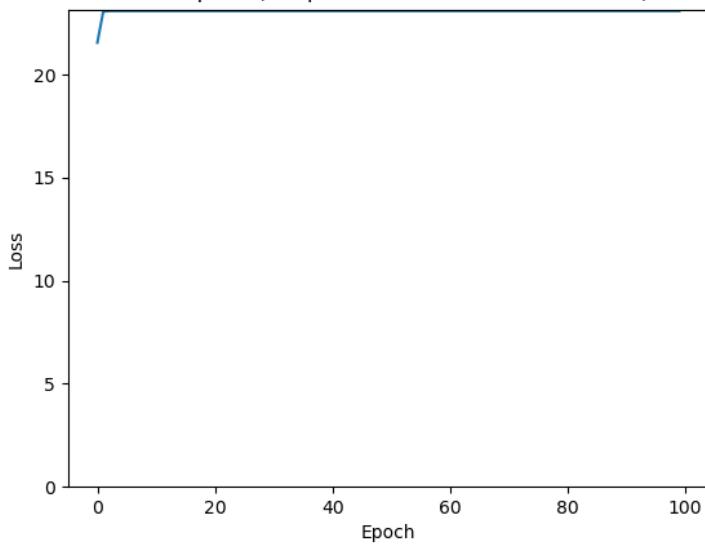
Loss over 100 epochs, step size=0.05669999999999334, decay=3



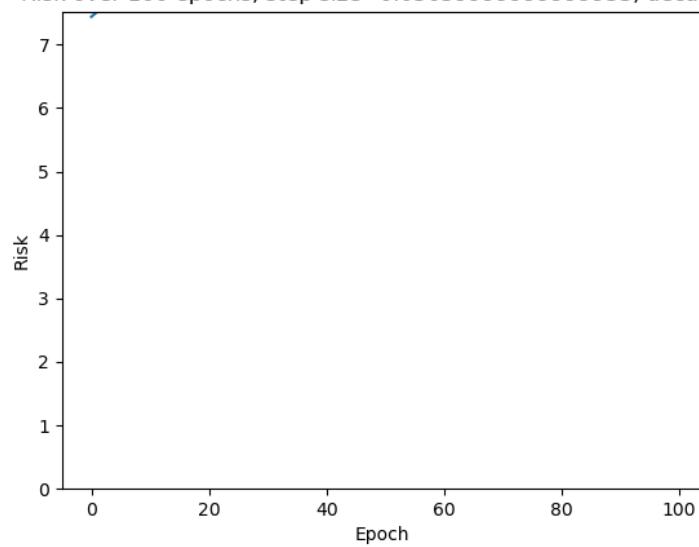
Risk over 100 epochs, step size=0.05669999999999334, decay=3



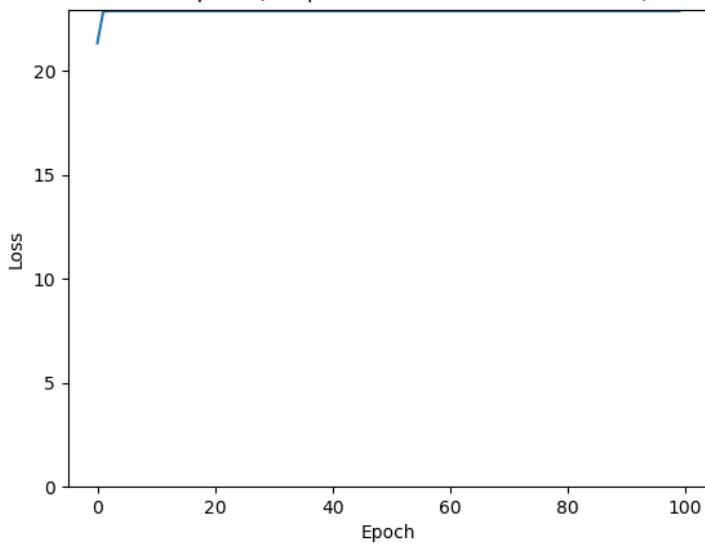
Loss over 100 epochs, step size=0.05659999999999933, decay=3



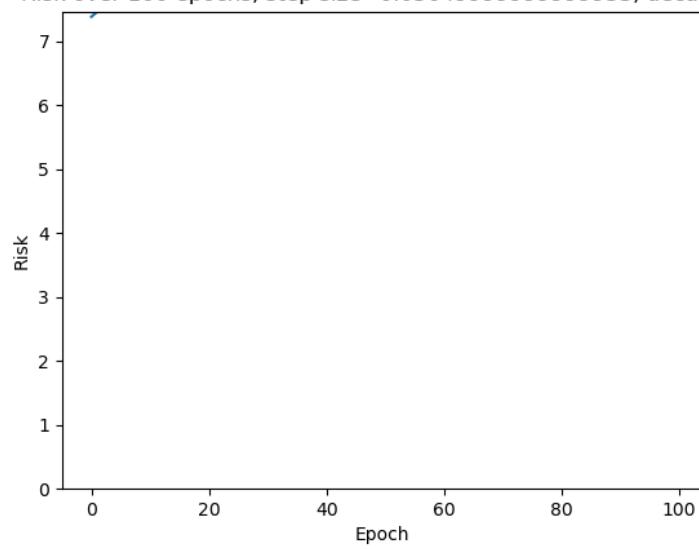
Risk over 100 epochs, step size=0.05659999999999933, decay=3



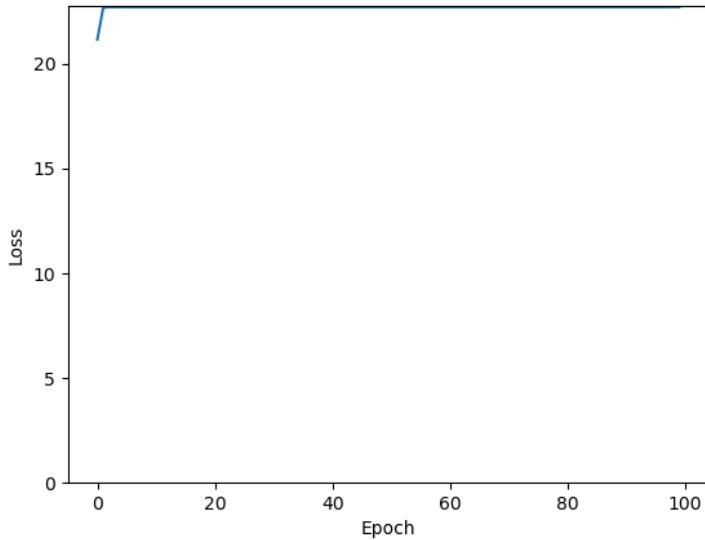
Loss over 100 epochs, step size=0.0564999999999933, decay=3



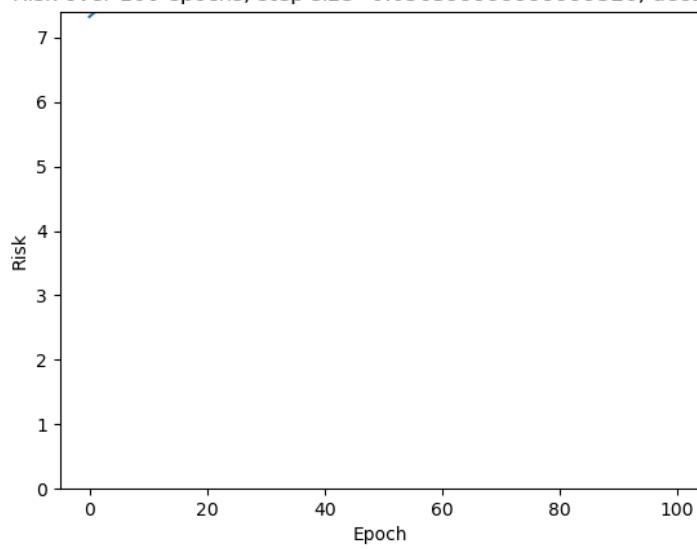
Risk over 100 epochs, step size=0.0564999999999933, decay=3



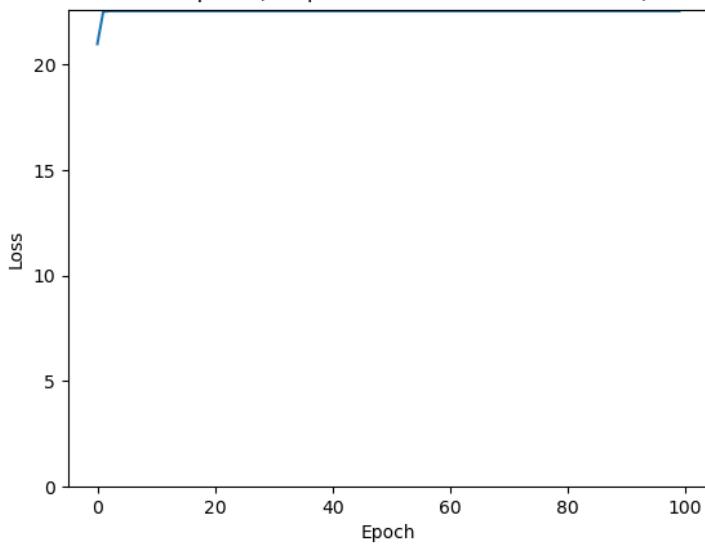
Loss over 100 epochs, step size=0.05639999999999326, decay=3



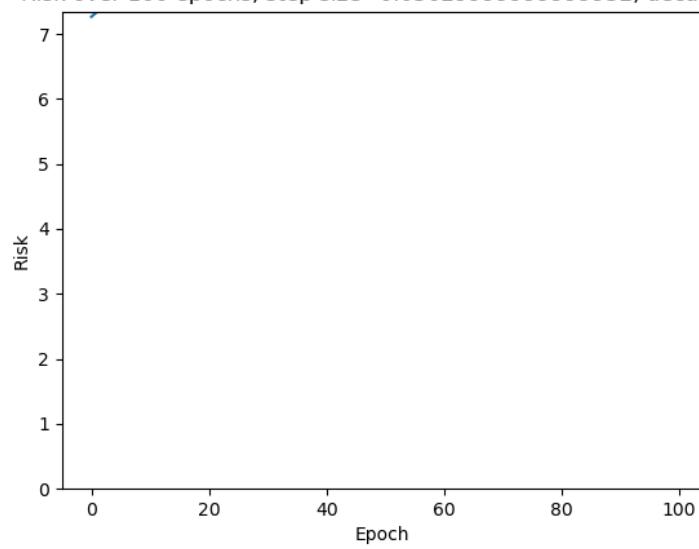
Risk over 100 epochs, step size=0.05639999999999326, decay=3



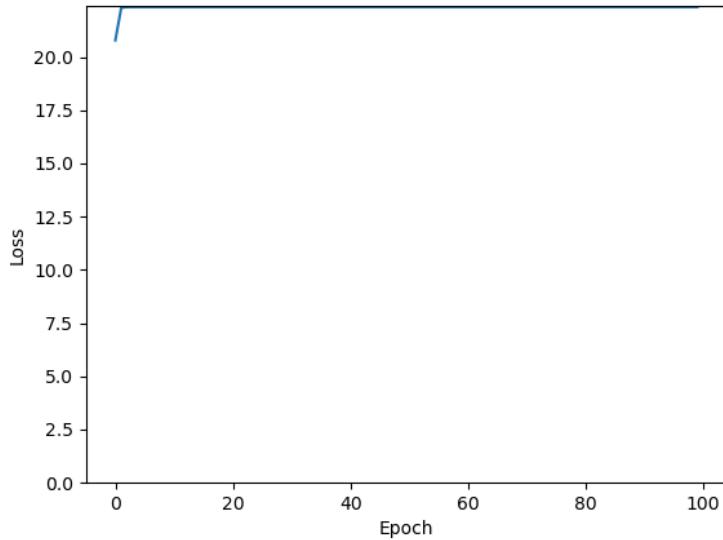
Loss over 100 epochs, step size=0.0562999999999932, decay=3



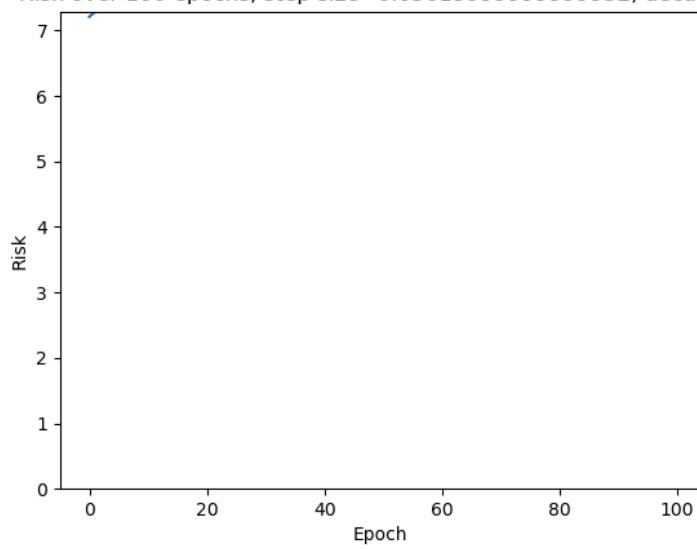
Risk over 100 epochs, step size=0.0562999999999932, decay=3



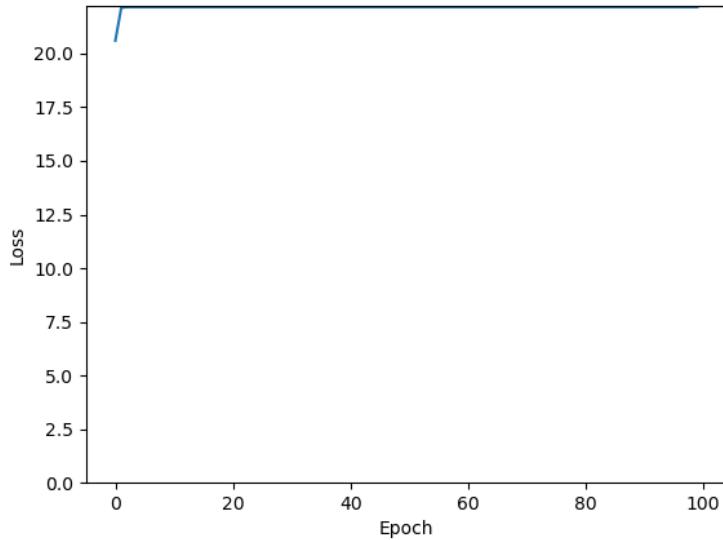
Loss over 100 epochs, step size=0.0561999999999932, decay=3



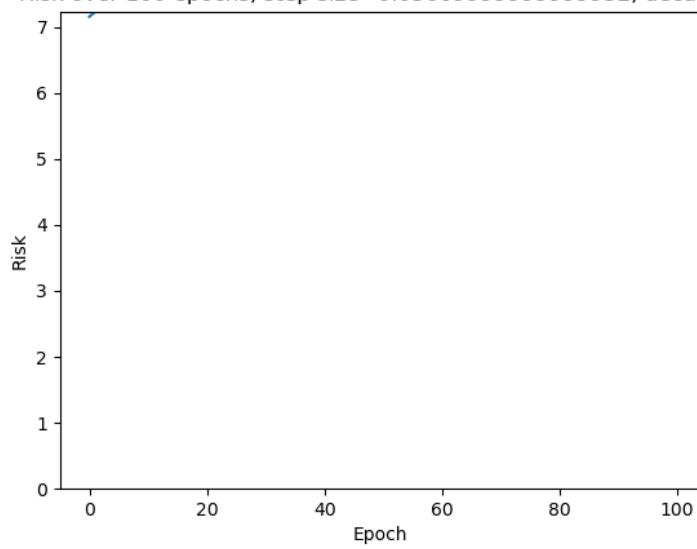
Risk over 100 epochs, step size=0.0561999999999932, decay=3



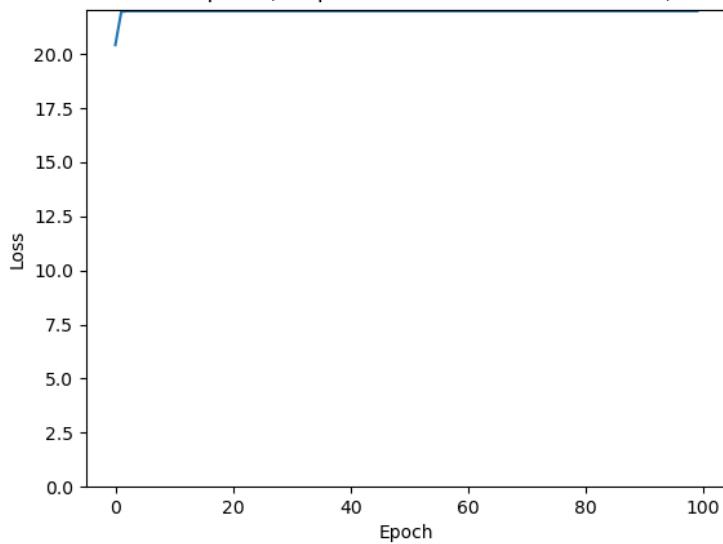
Loss over 100 epochs, step size=0.0560999999999932, decay=3



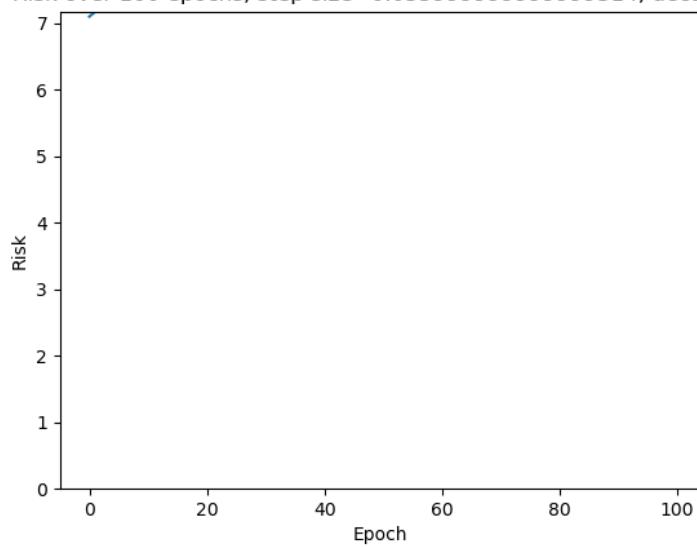
Risk over 100 epochs, step size=0.0560999999999932, decay=3



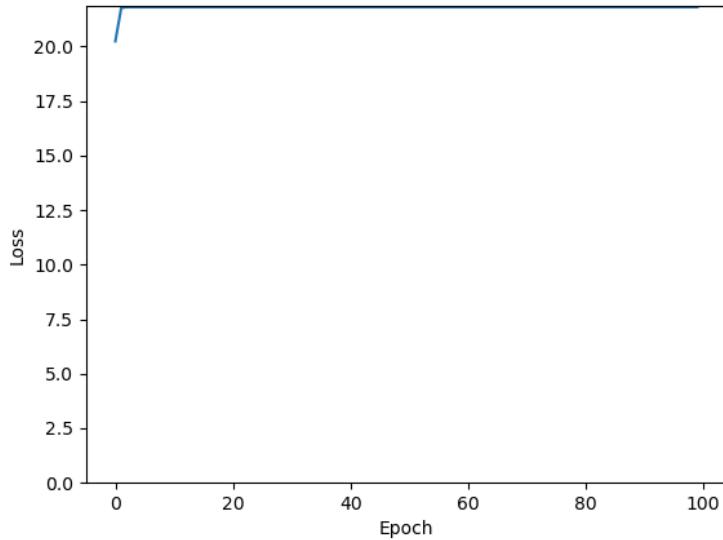
Loss over 100 epochs, step size=0.05599999999999314, decay=3



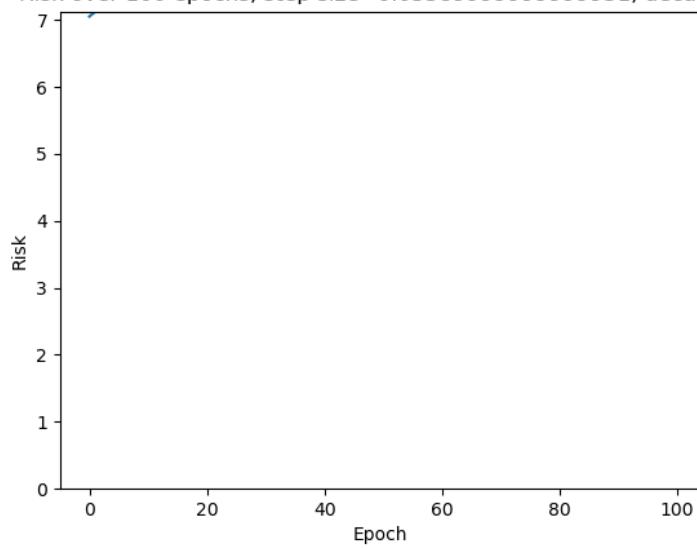
Risk over 100 epochs, step size=0.05599999999999314, decay=3



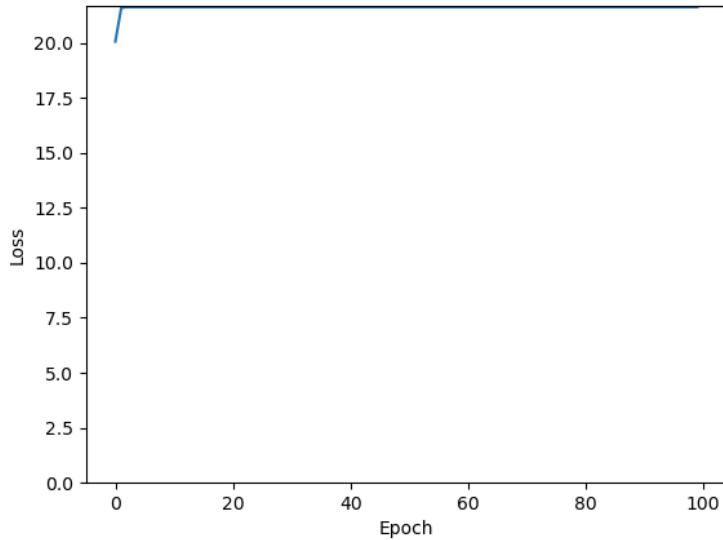
Loss over 100 epochs, step size=0.05589999999999931, decay=3



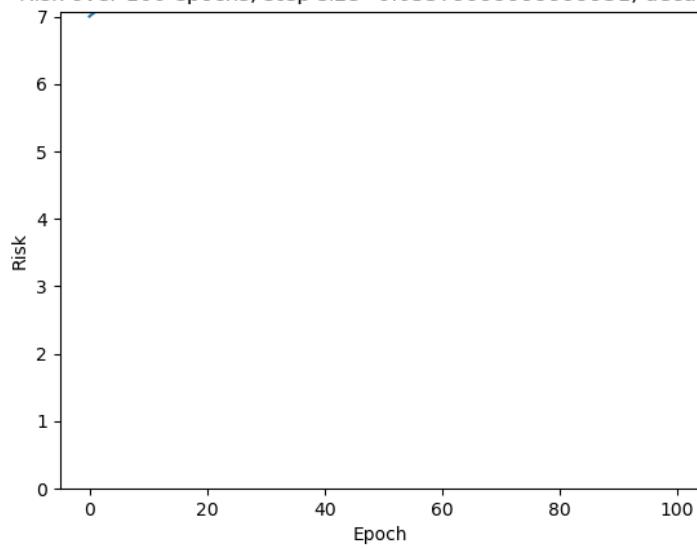
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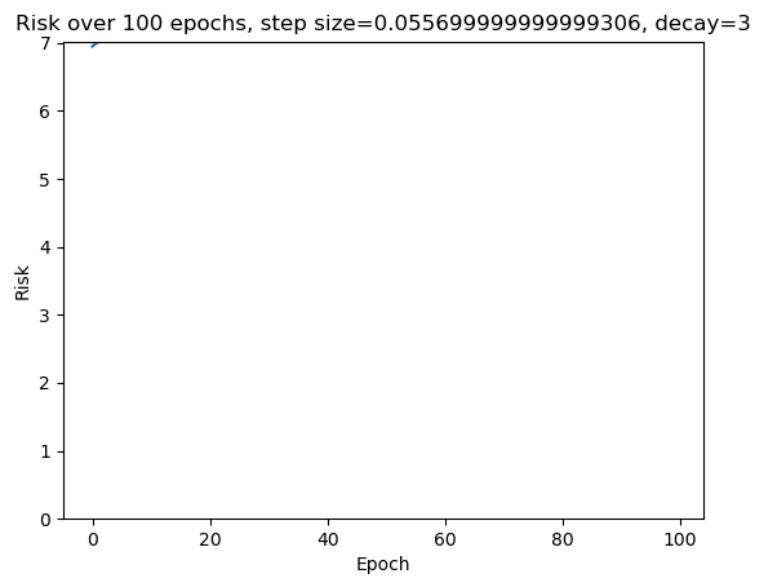
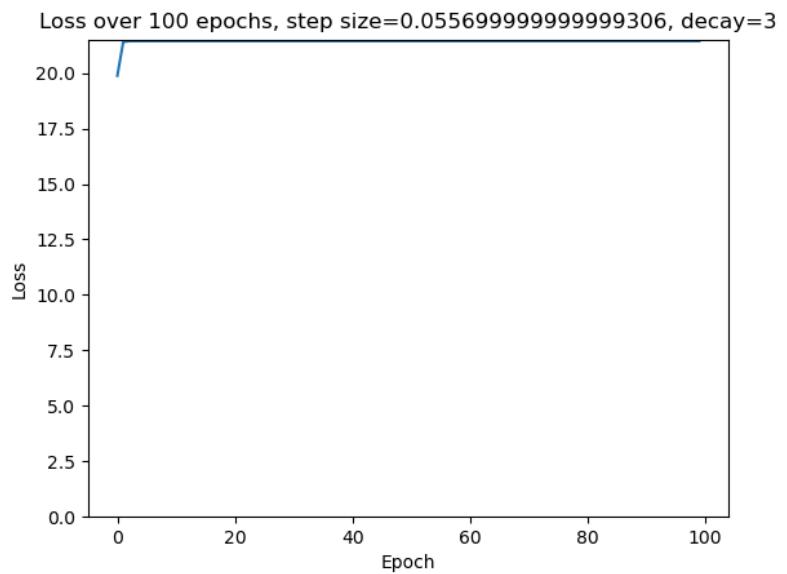


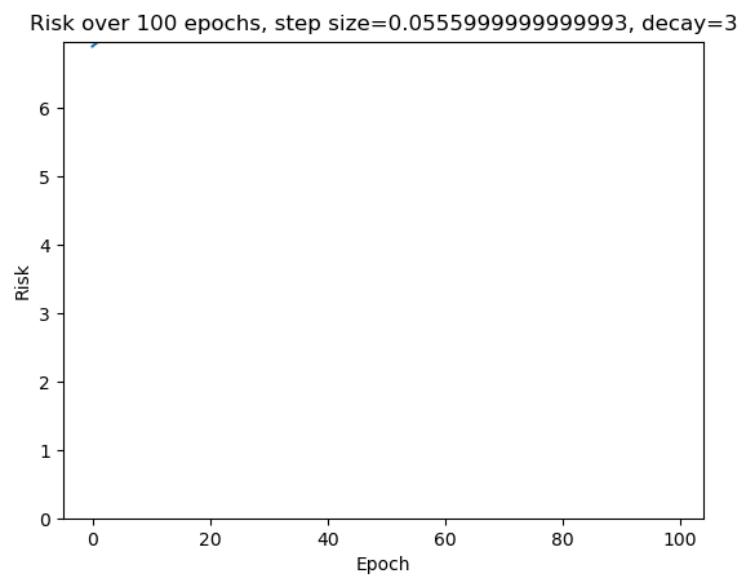
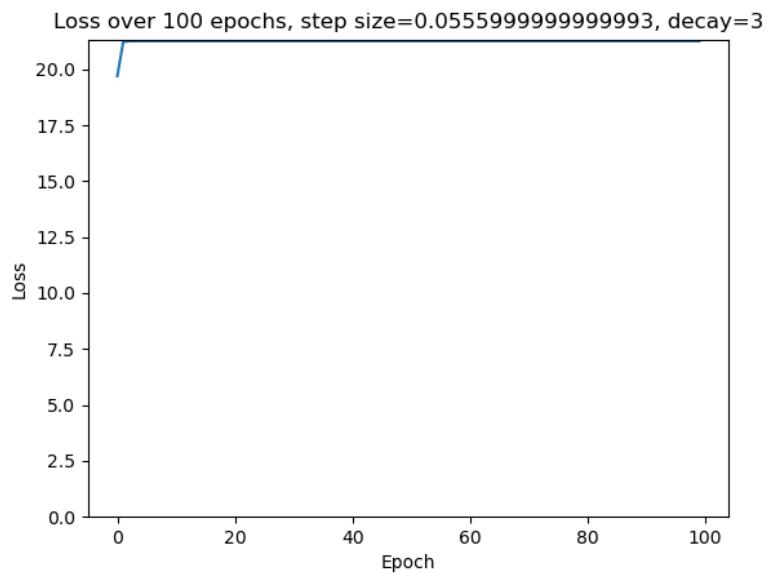
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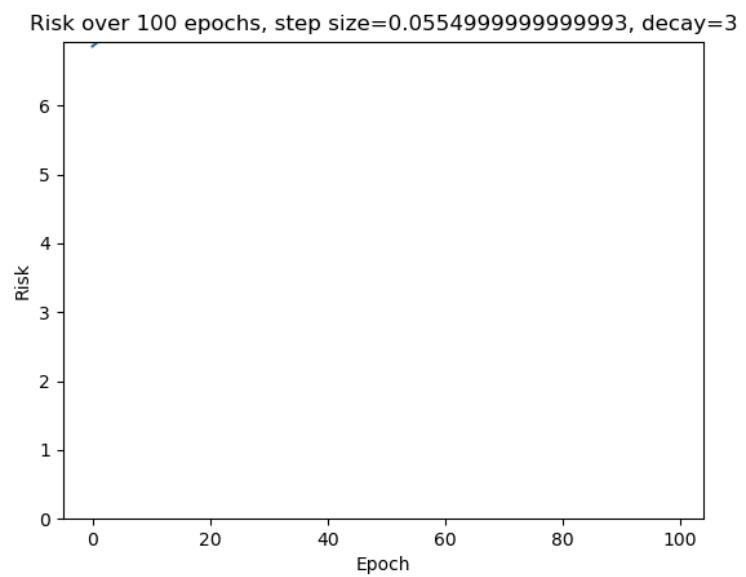
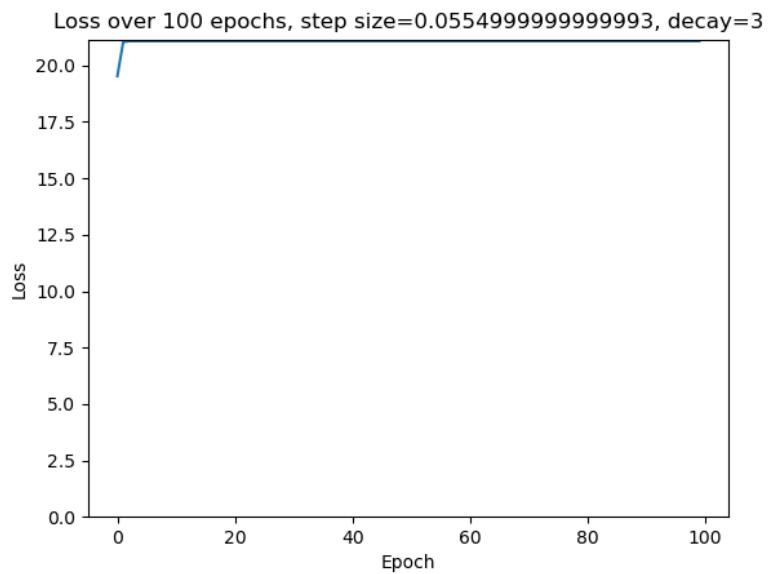


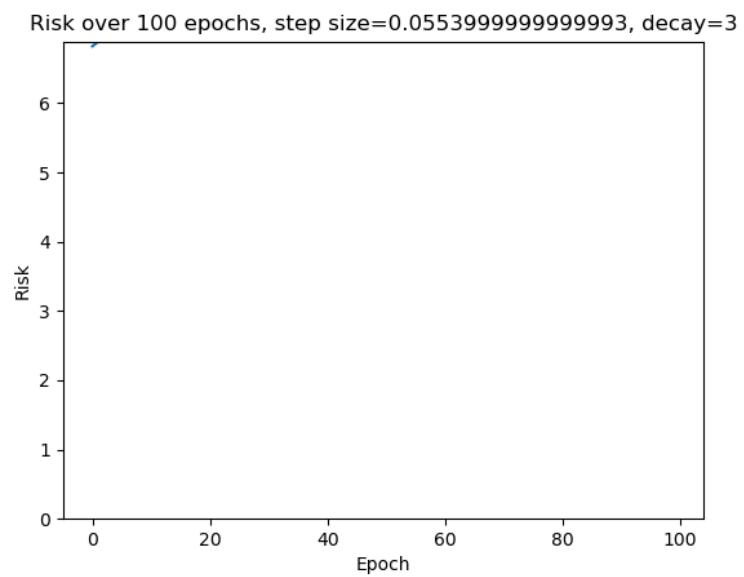
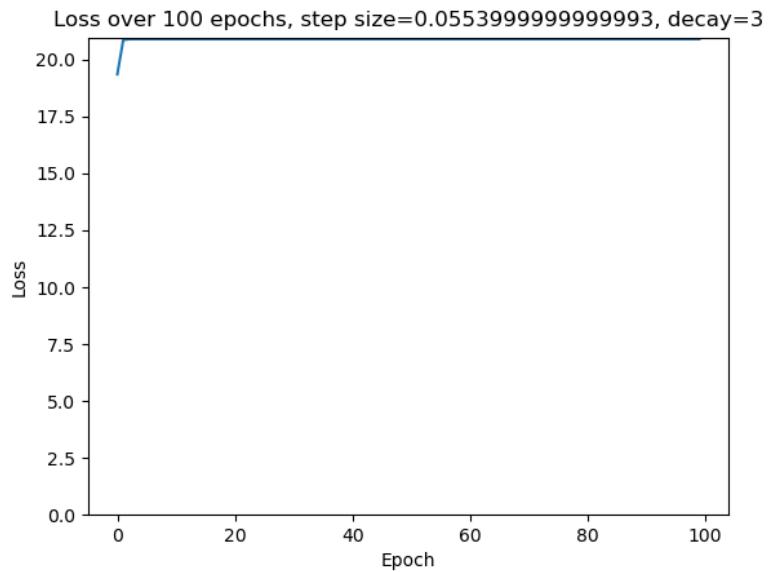
Risk over 100 epochs, step size=0.0557999999999931, decay=3

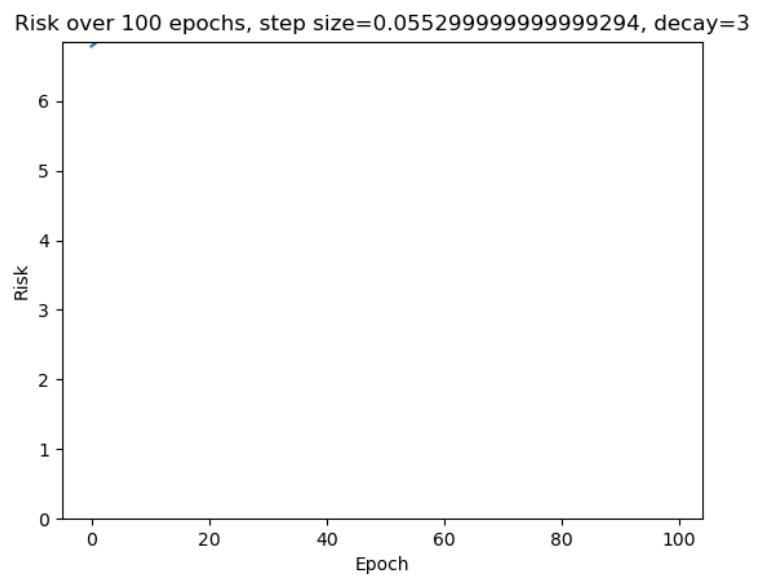
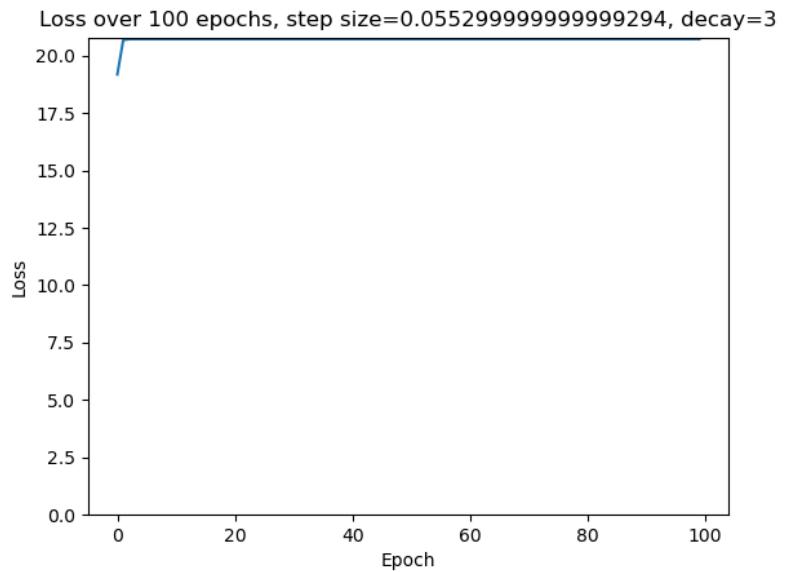


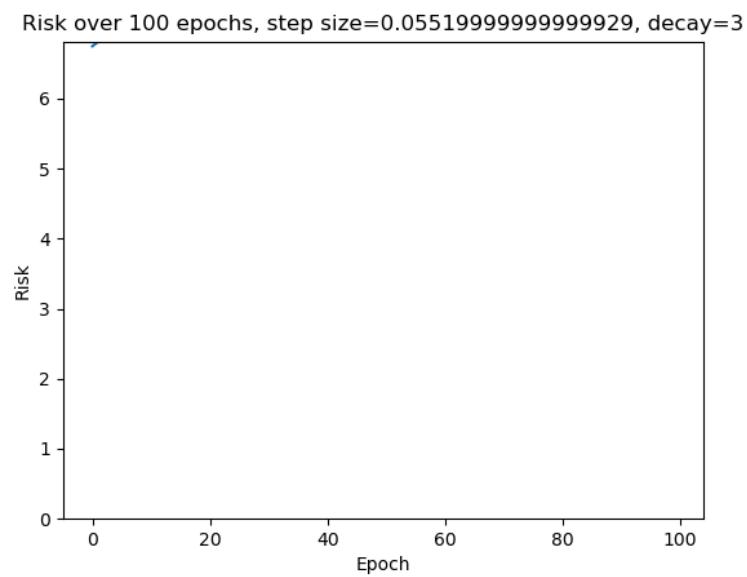
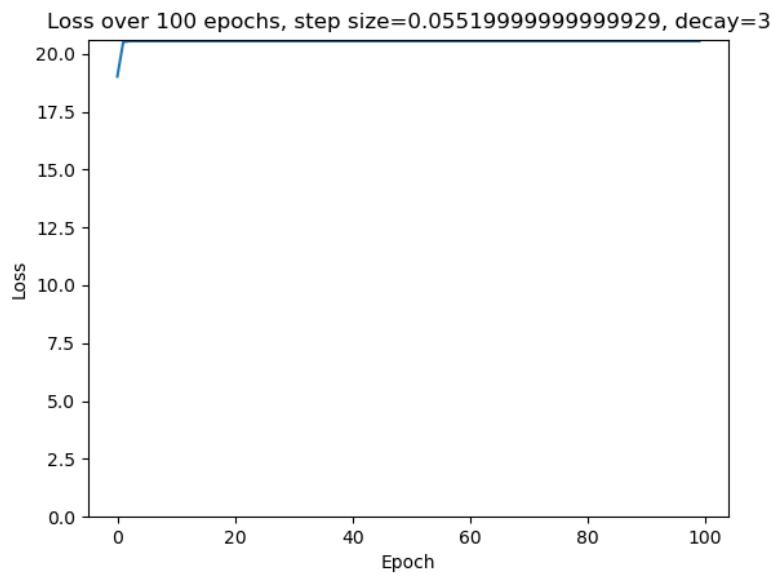


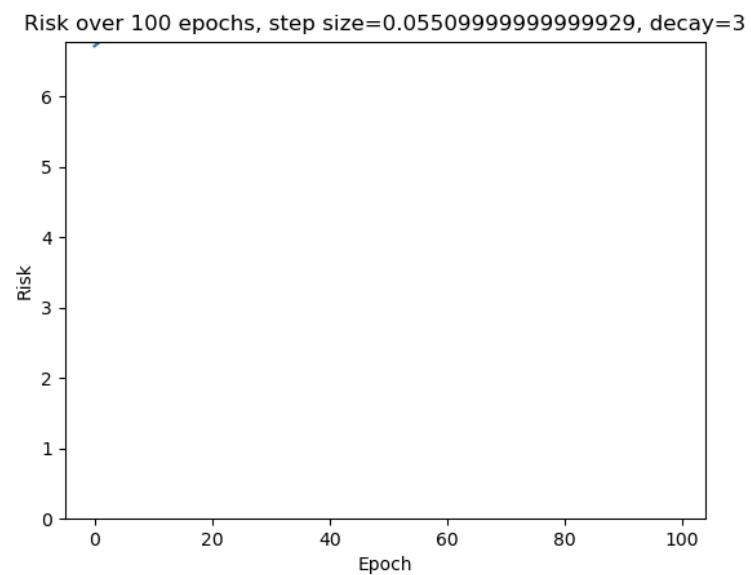
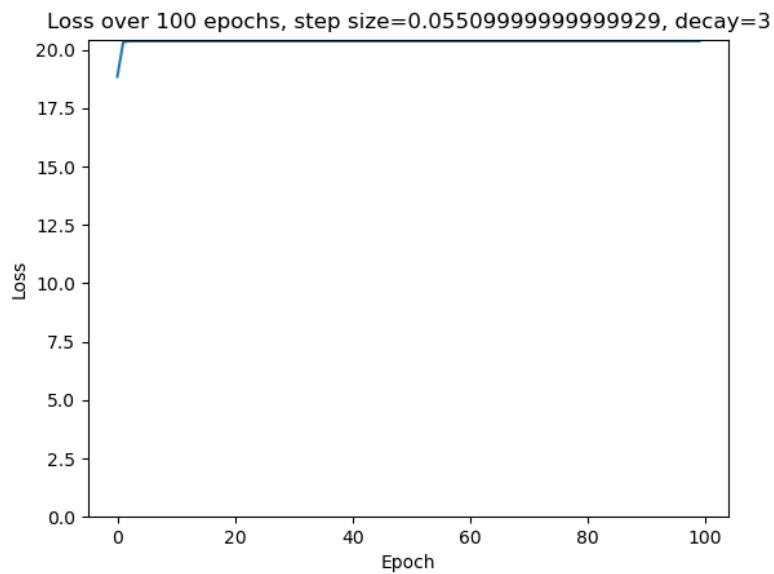


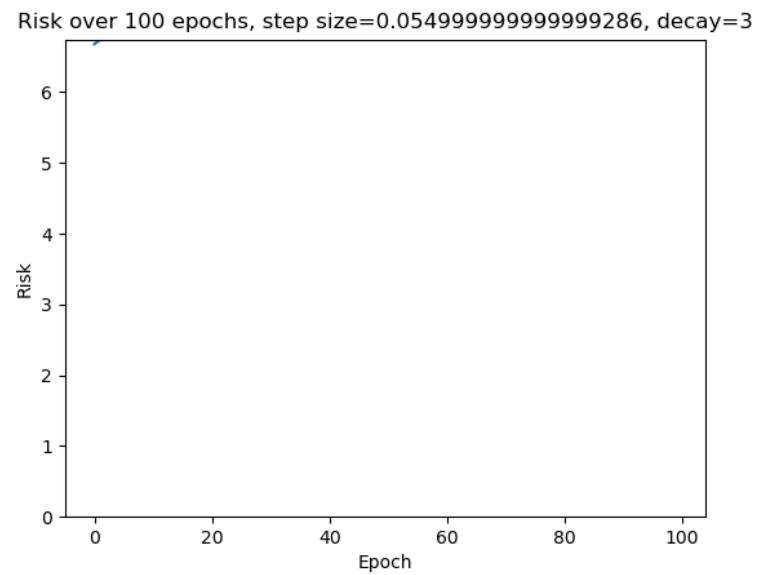
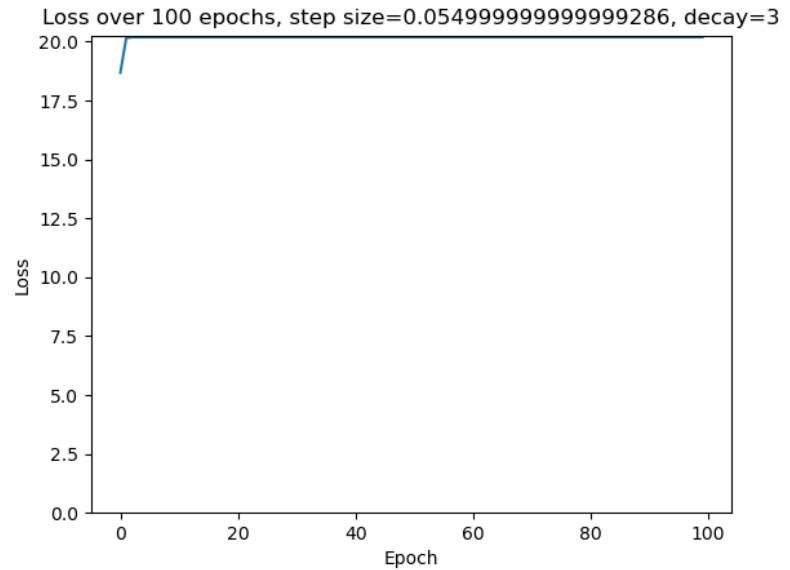


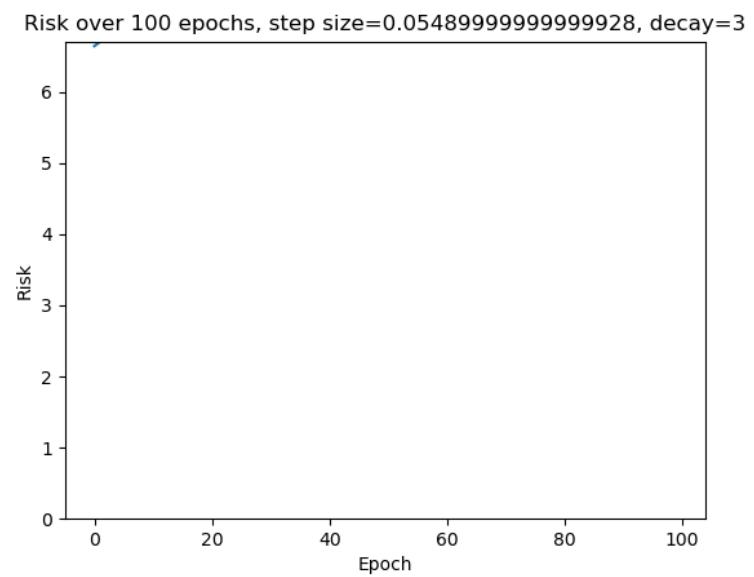
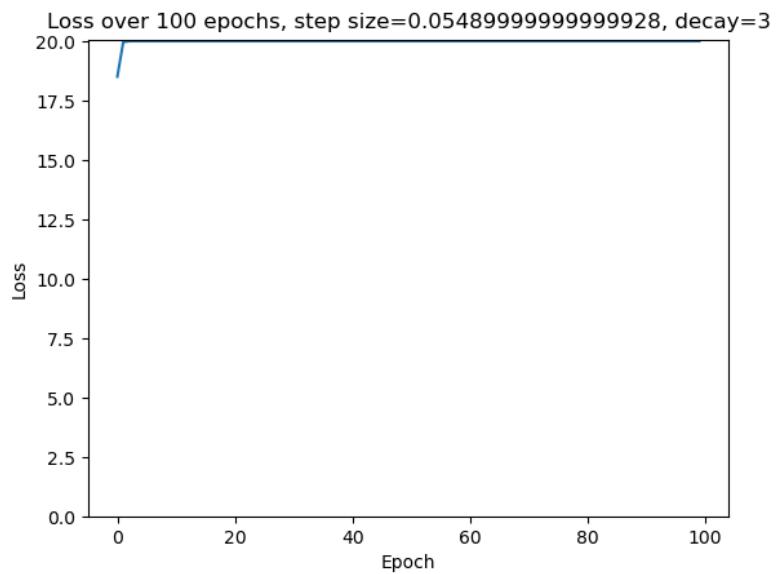




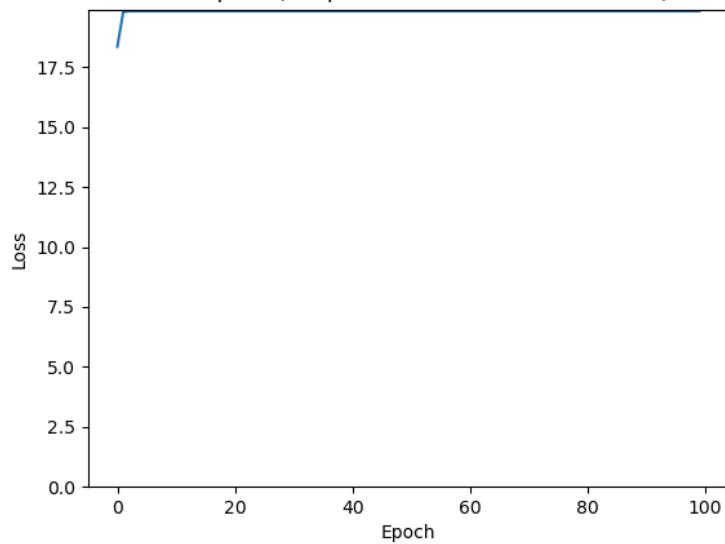




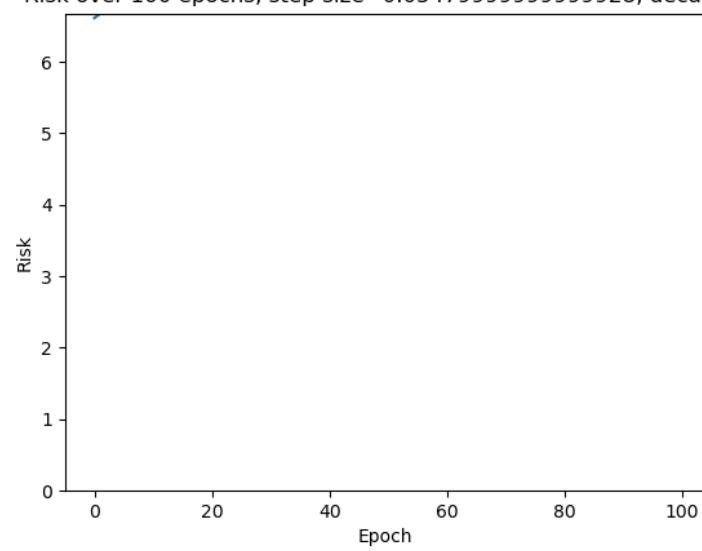




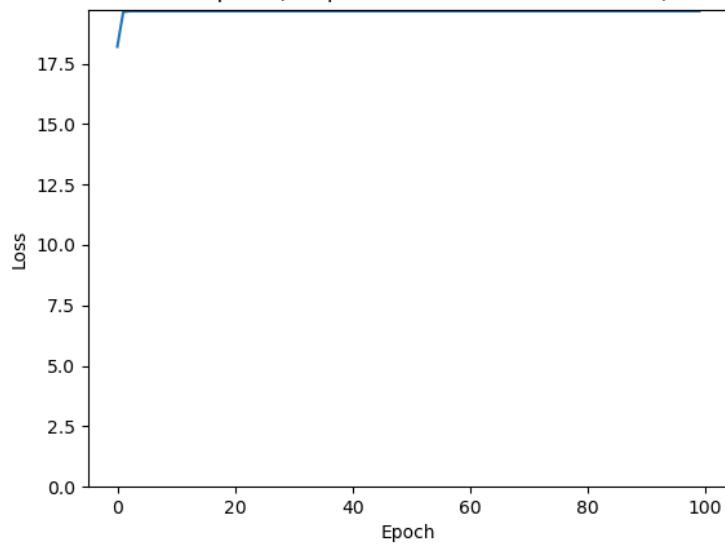
Loss over 100 epochs, step size=0.0547999999999928, decay=3



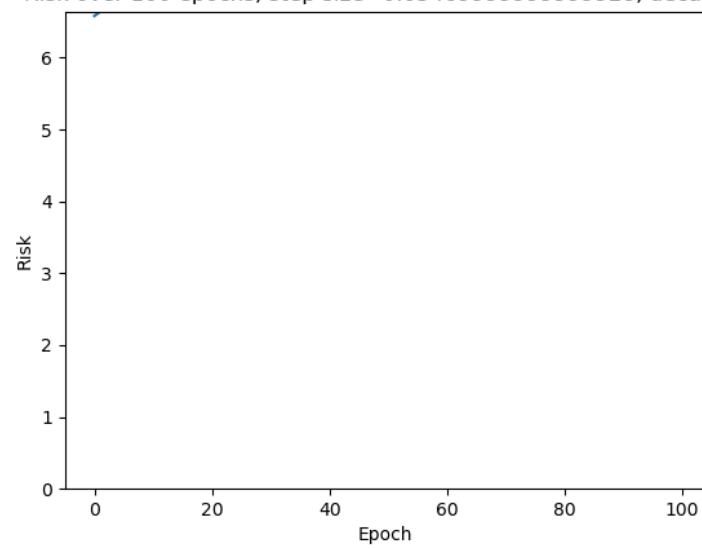
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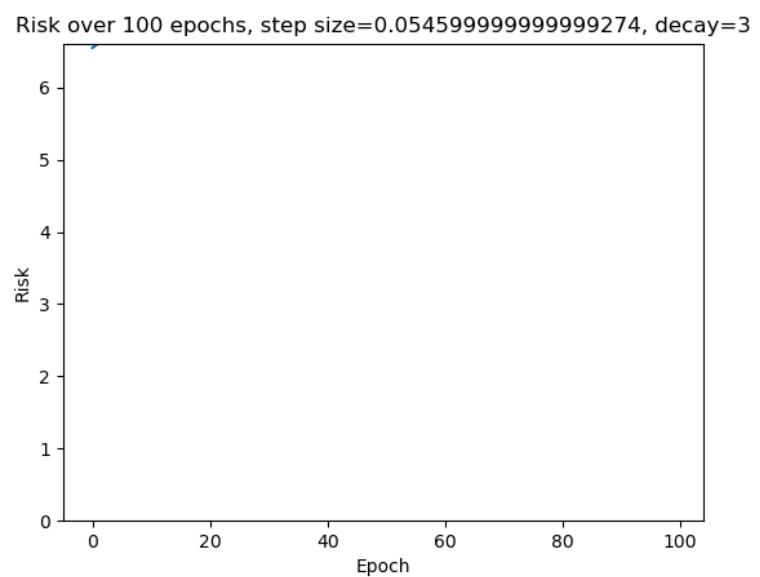
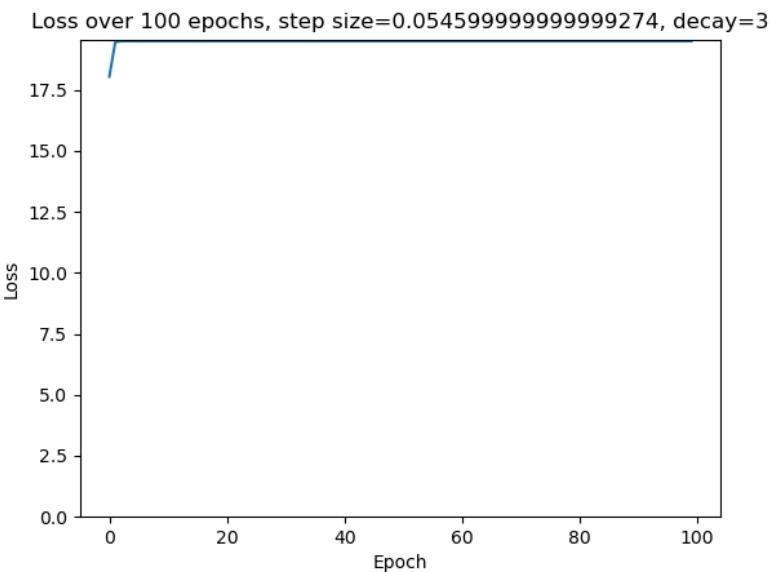


Loss over 100 epochs, step size=0.0546999999999928, decay=3

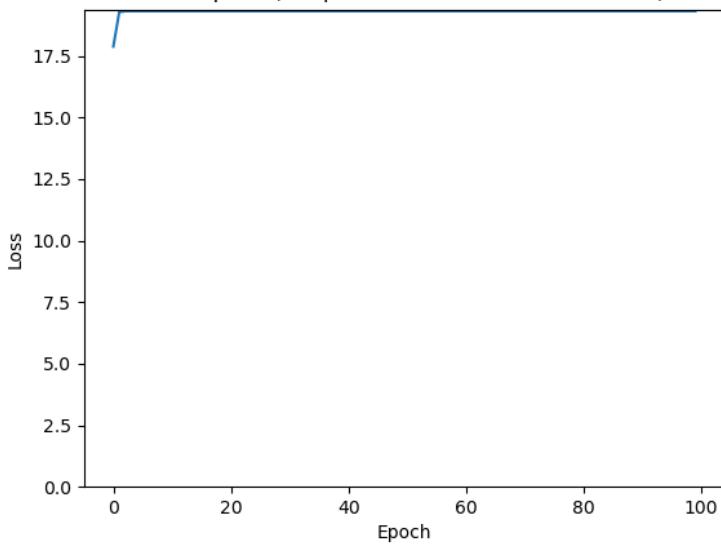


Risk over 100 epochs, step size=0.0546999999999928, decay=3

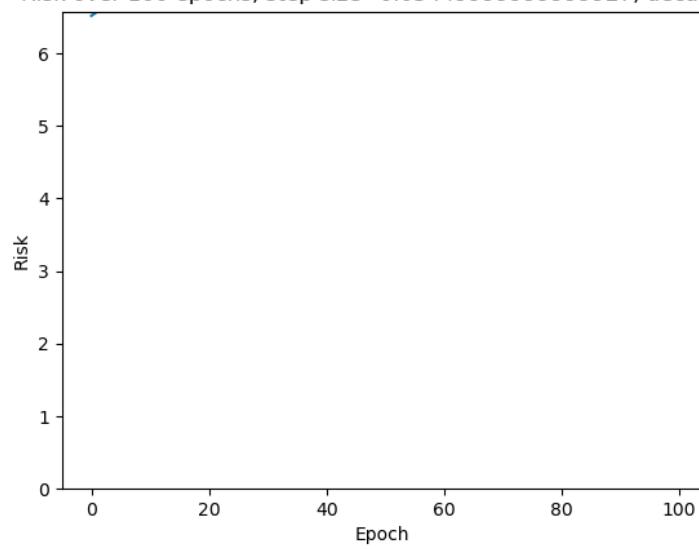




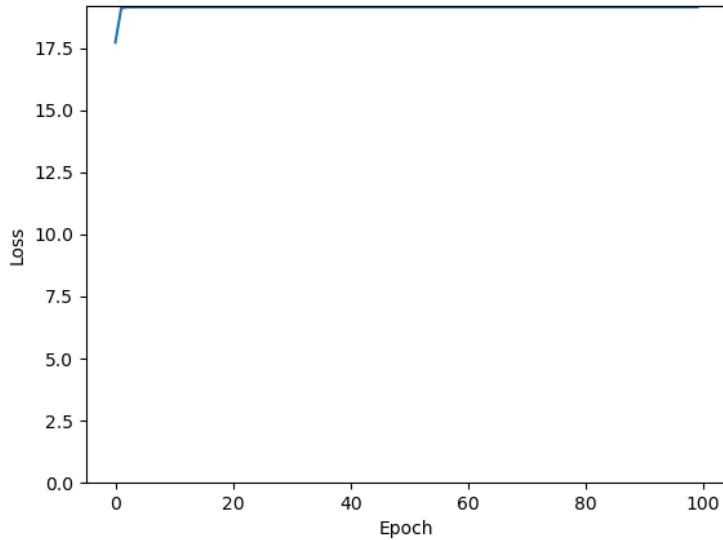
Loss over 100 epochs, step size=0.0544999999999927, decay=3



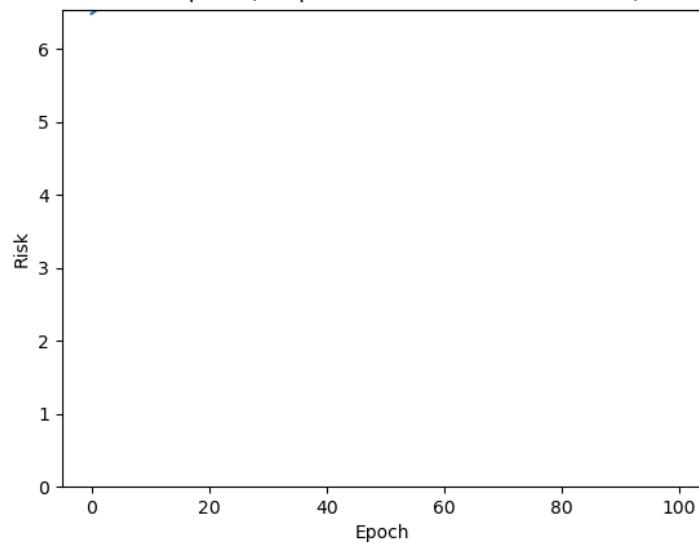
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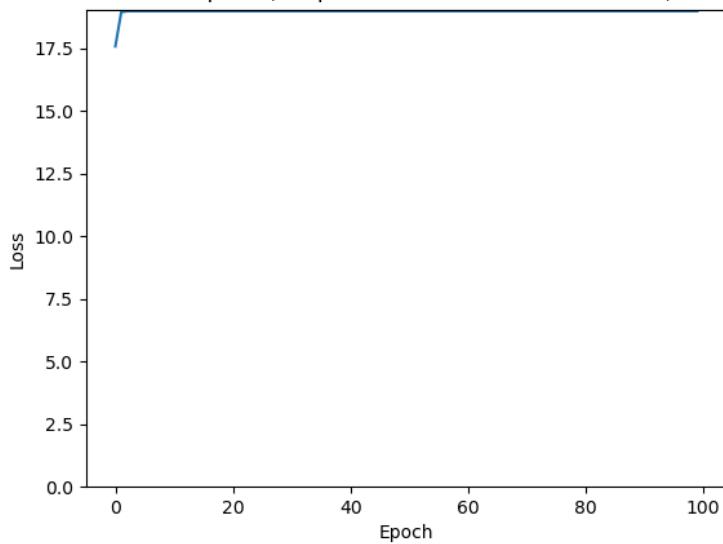
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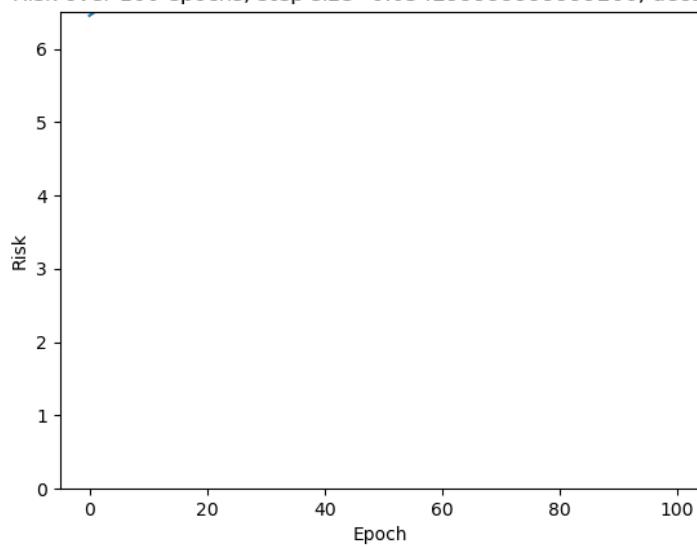
Risk over 100 epochs, step size=0.0543999999999927, decay=3



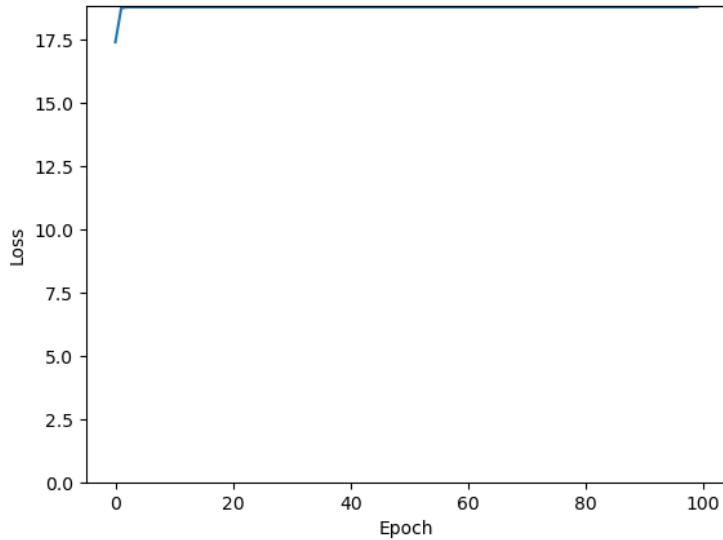
Loss over 100 epochs, step size=0.05429999999999266, decay=3



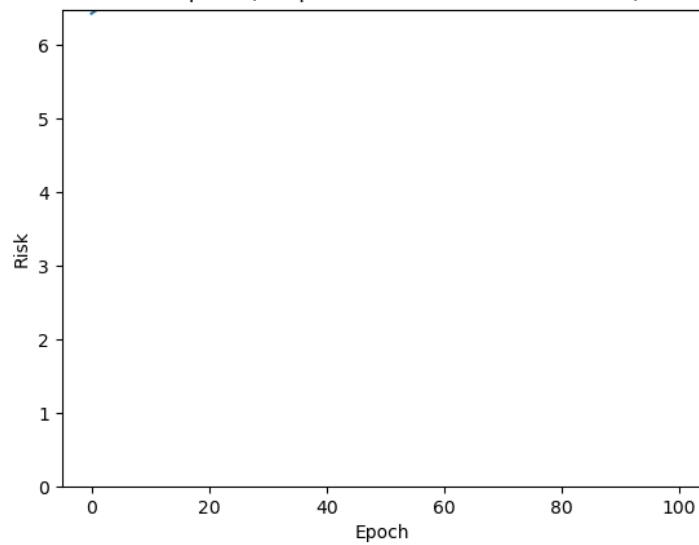
Risk over 100 epochs, step size=0.05429999999999266, decay=3



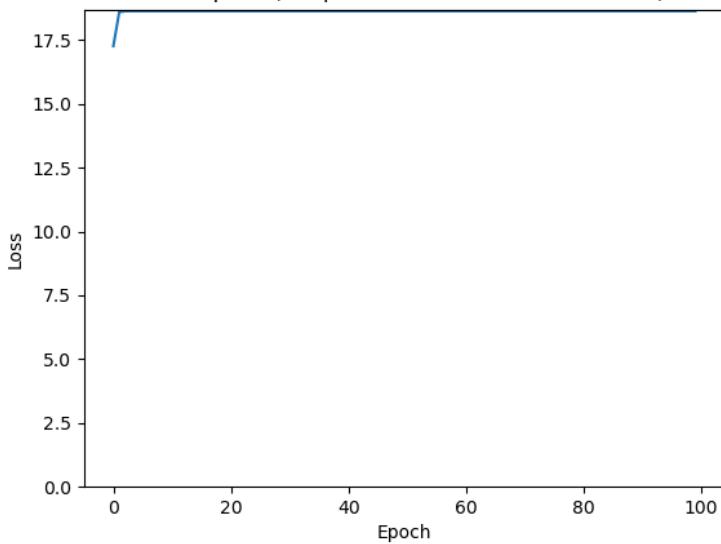
Loss over 100 epochs, step size=0.0541999999999926, decay=3



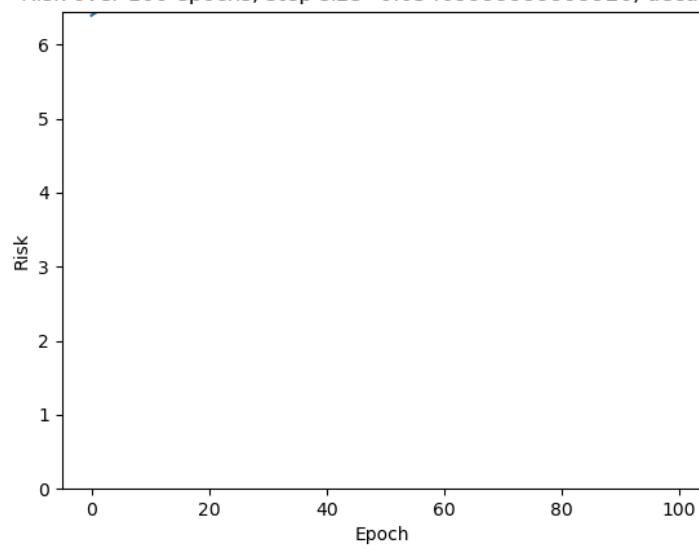
Risk over 100 epochs, step size=0.0541999999999926, decay=3

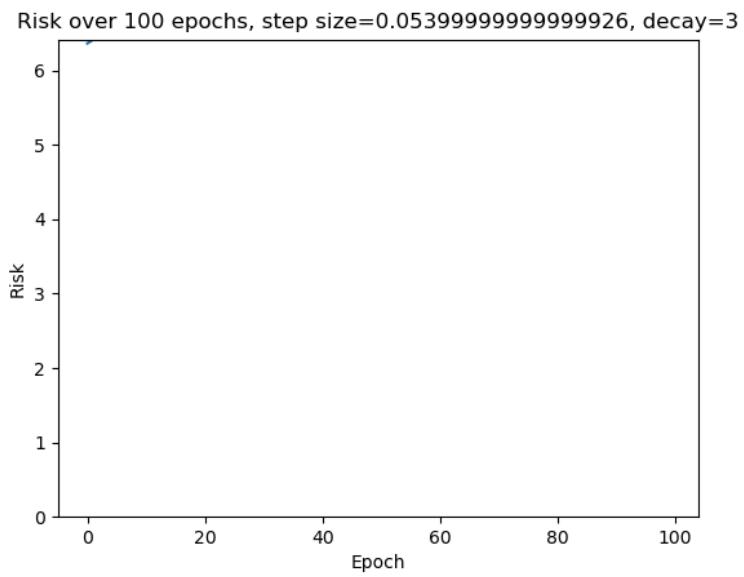
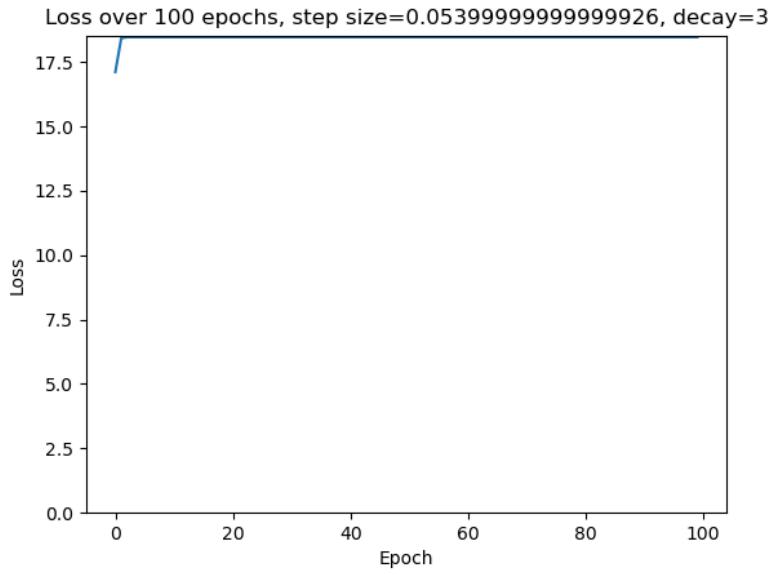


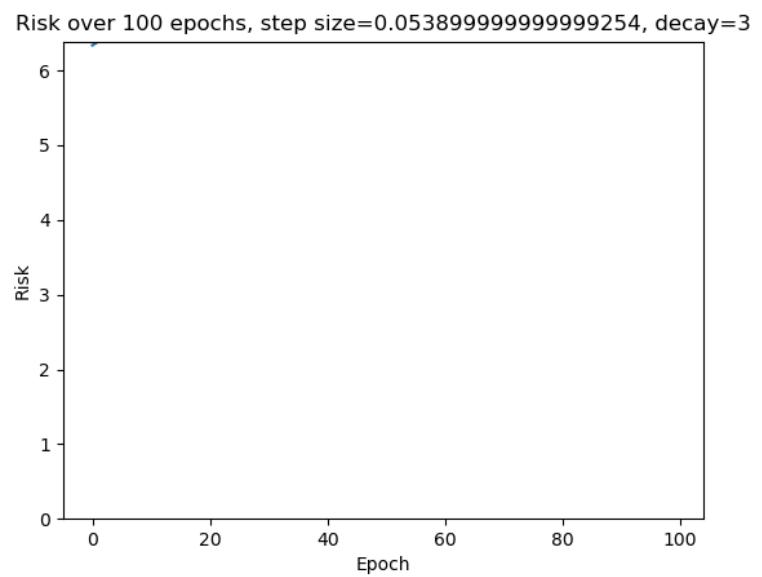
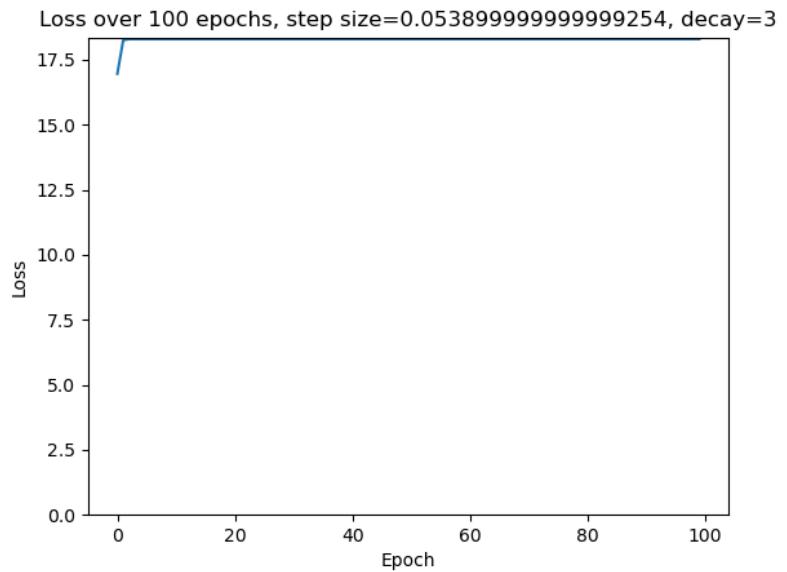
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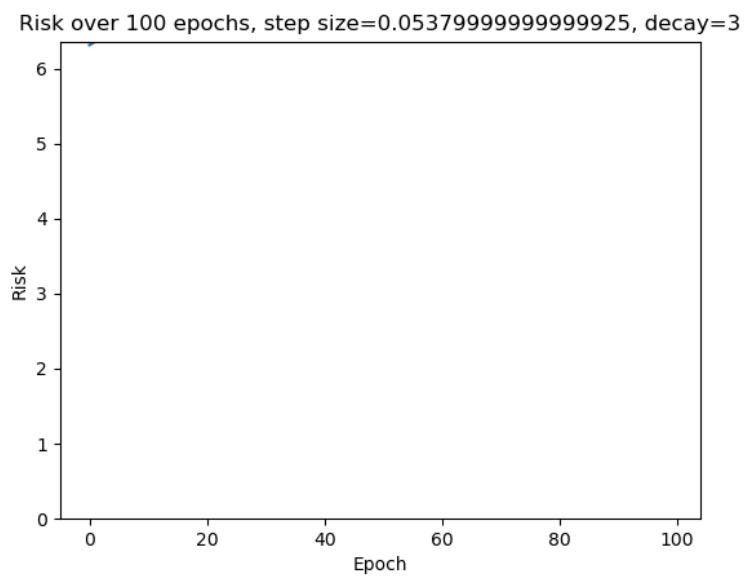
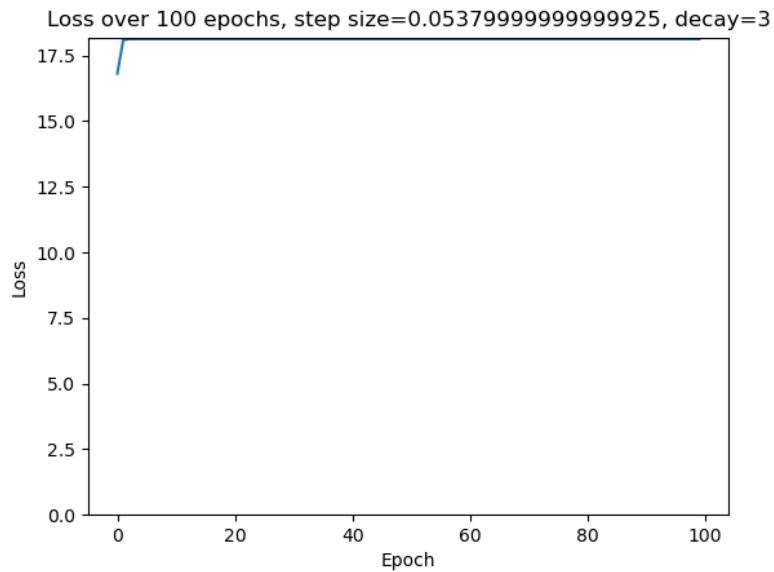


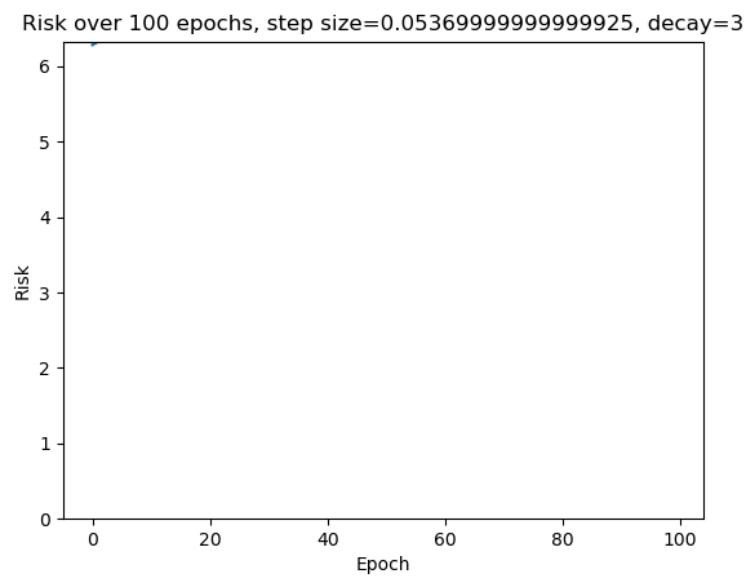
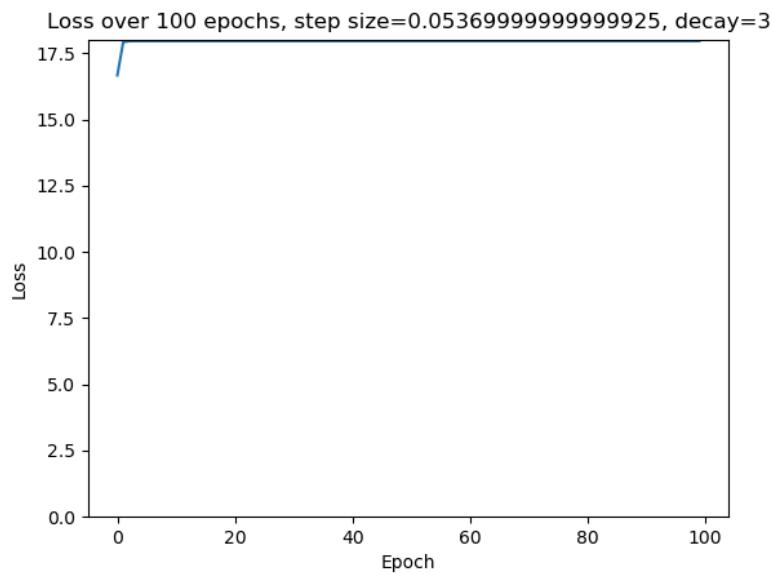
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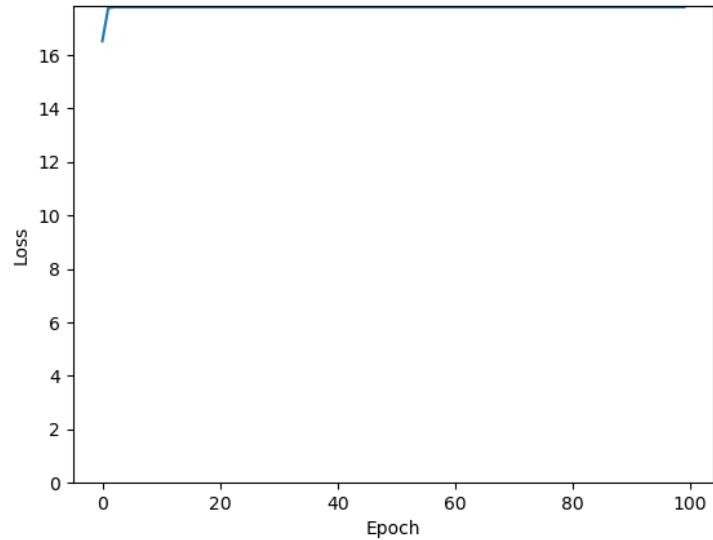




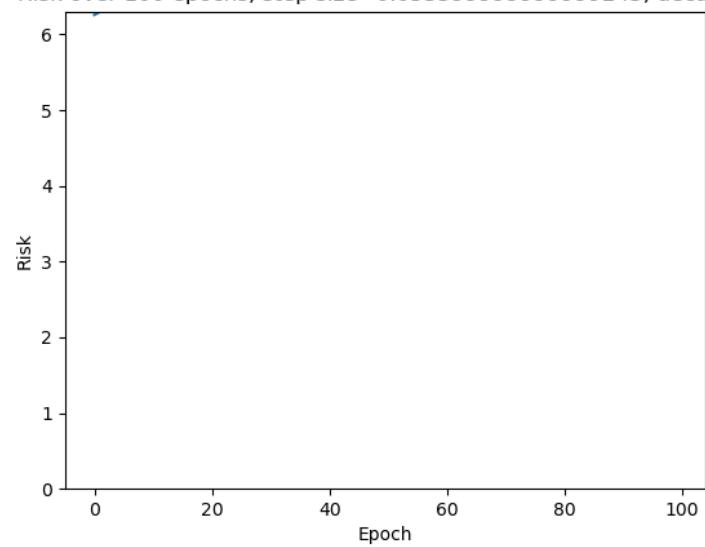




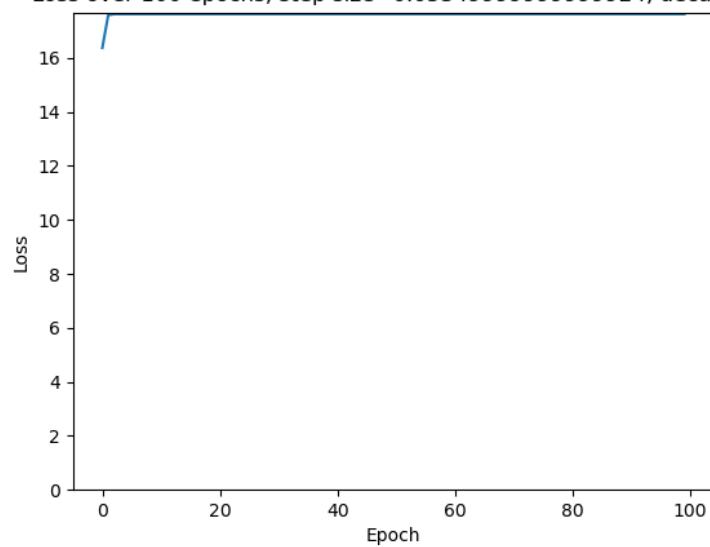
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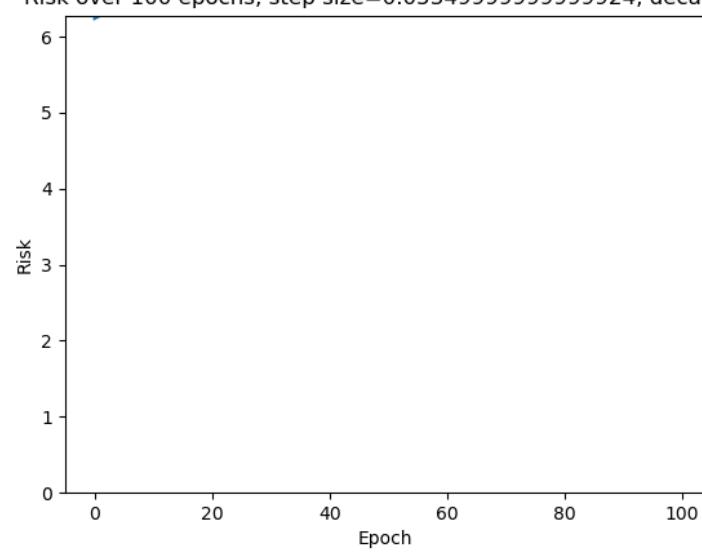
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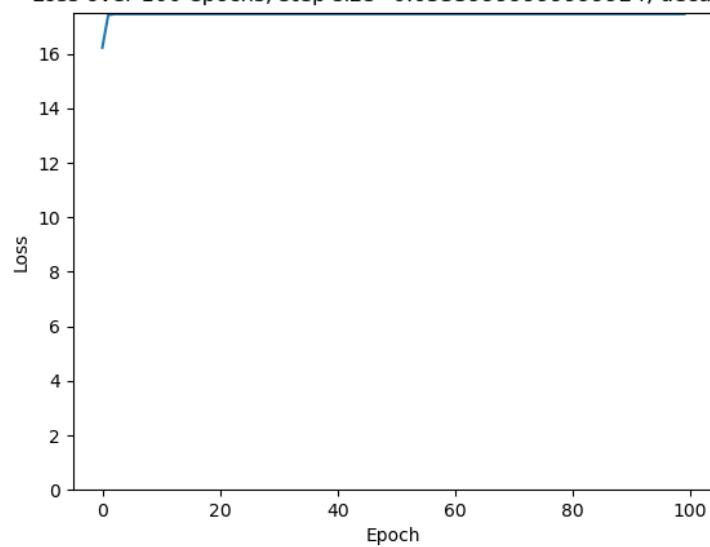
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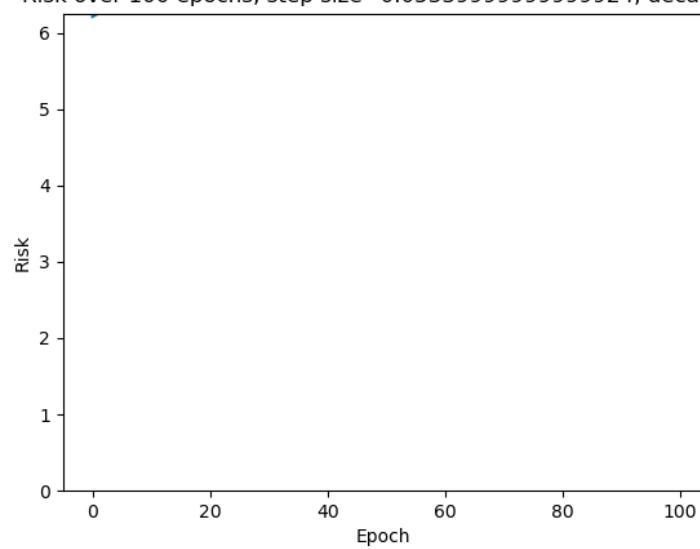
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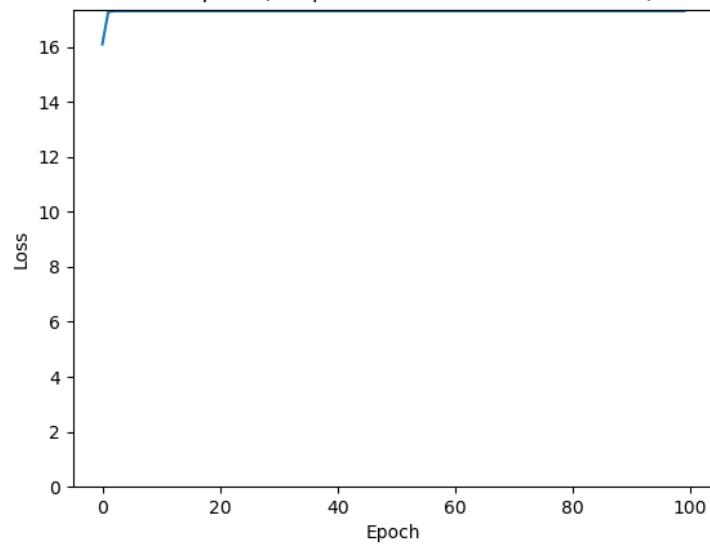
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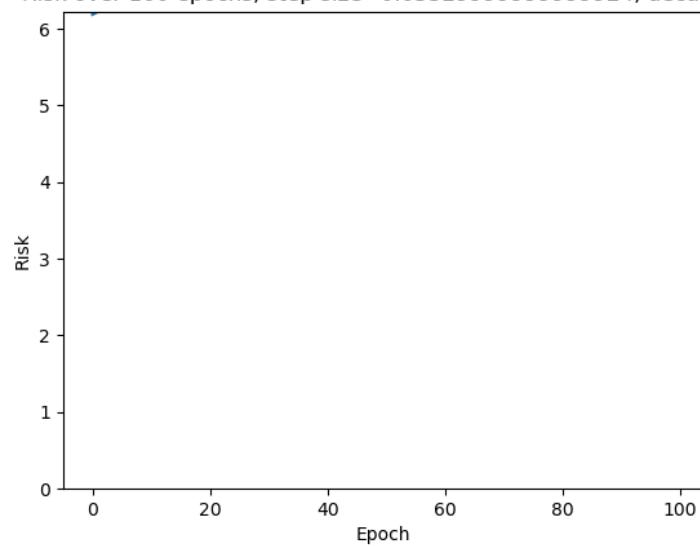
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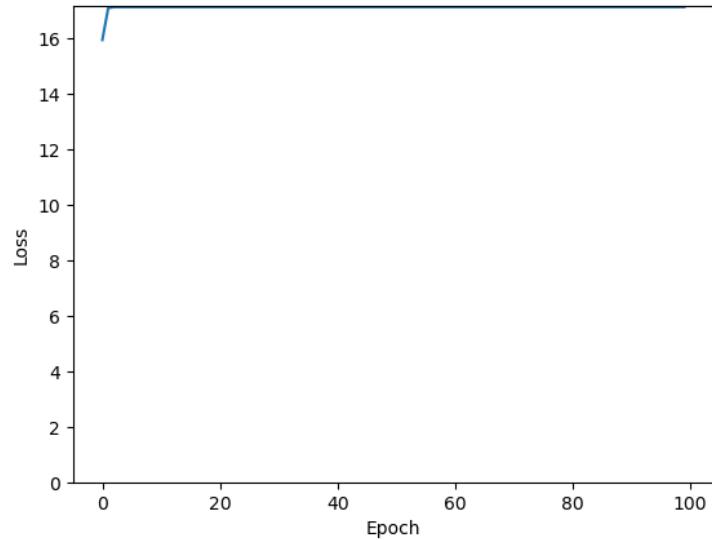
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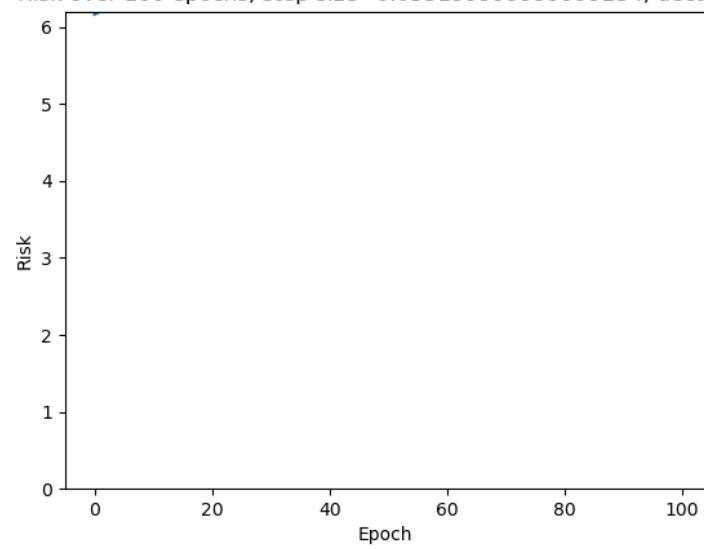
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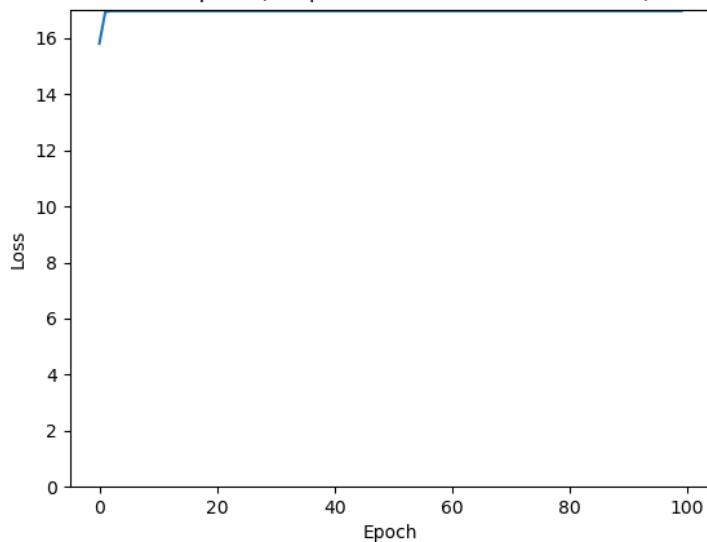
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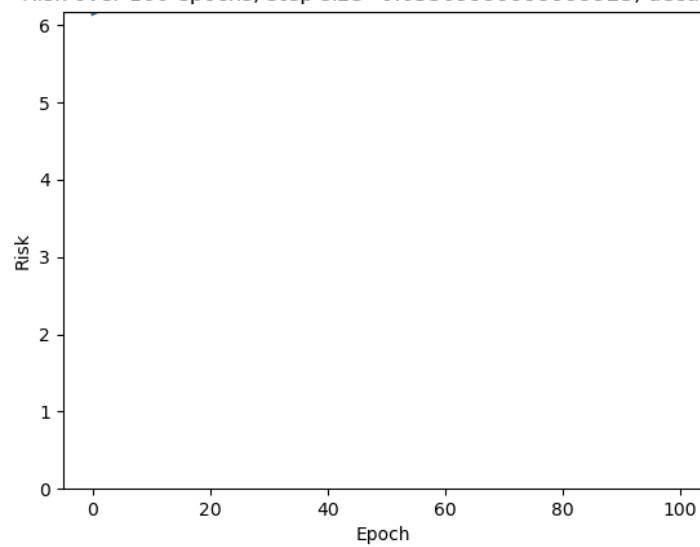
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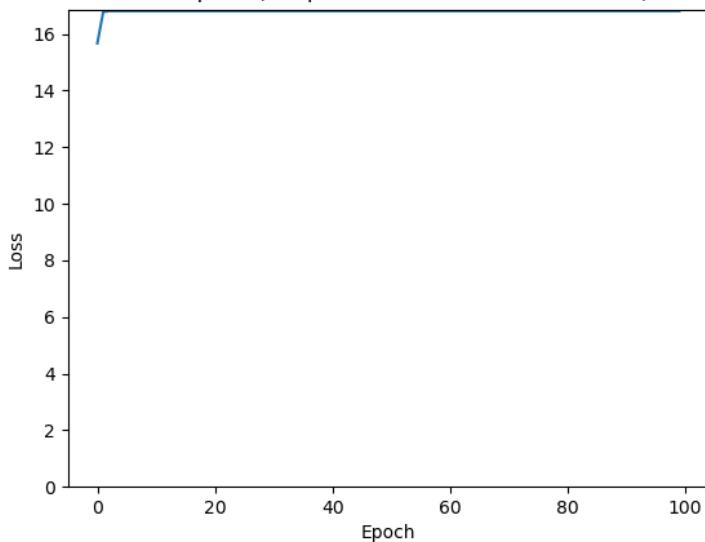
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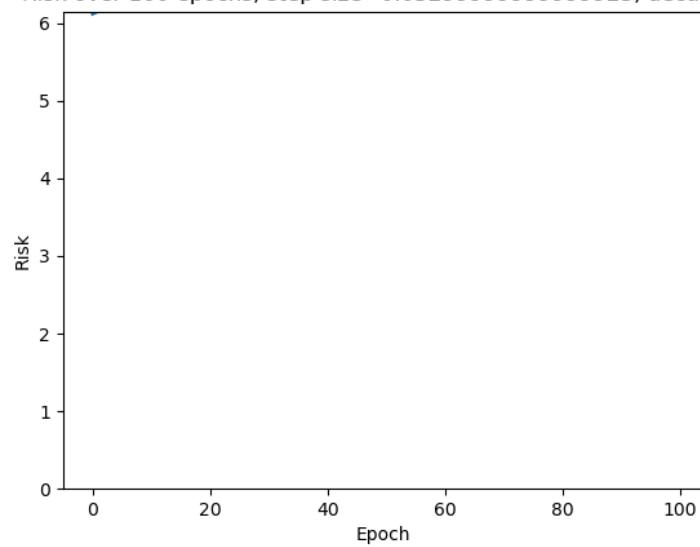
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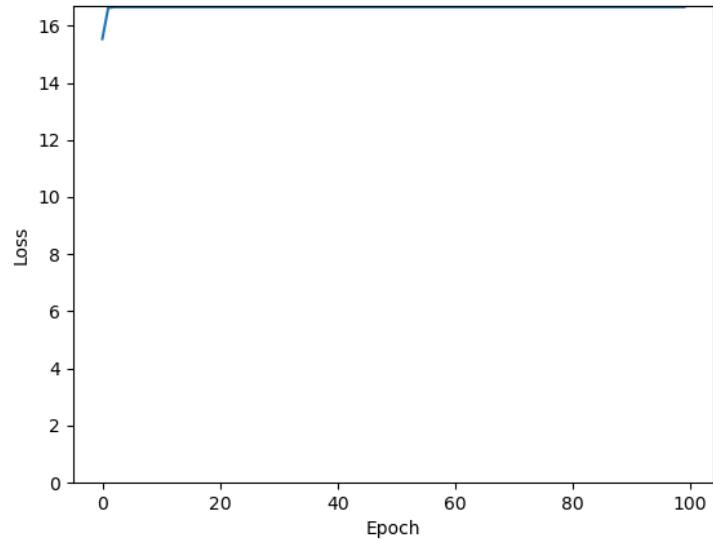
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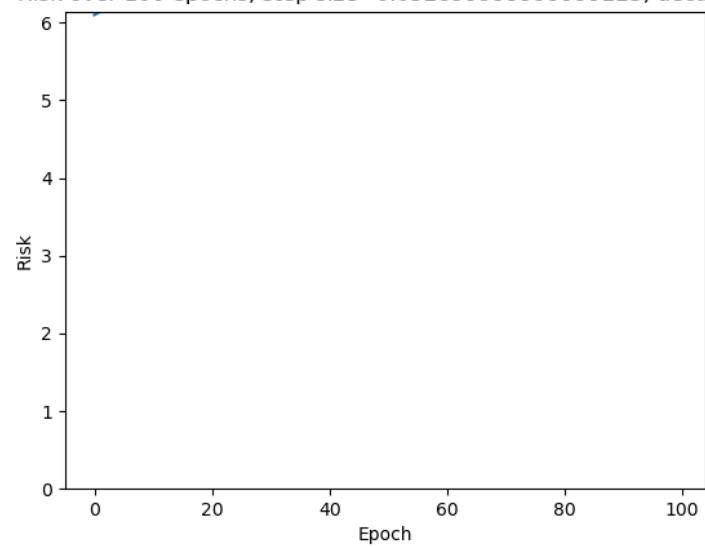
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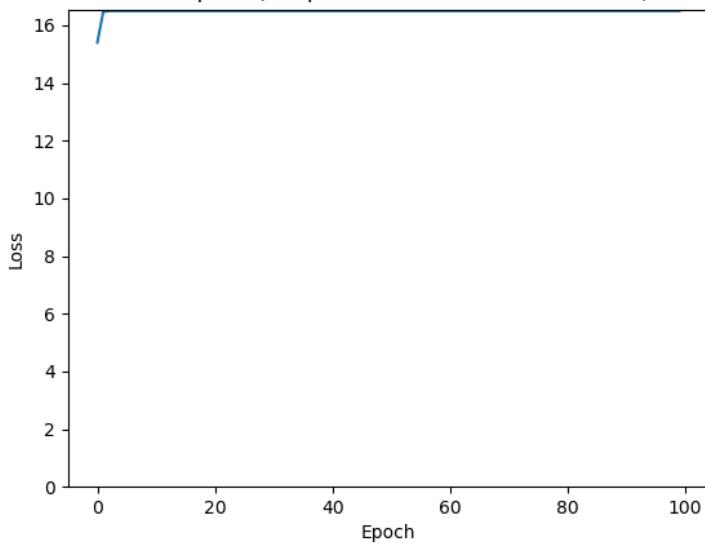
Loss over 100 epochs, step size=0.05289999999999225, decay=3



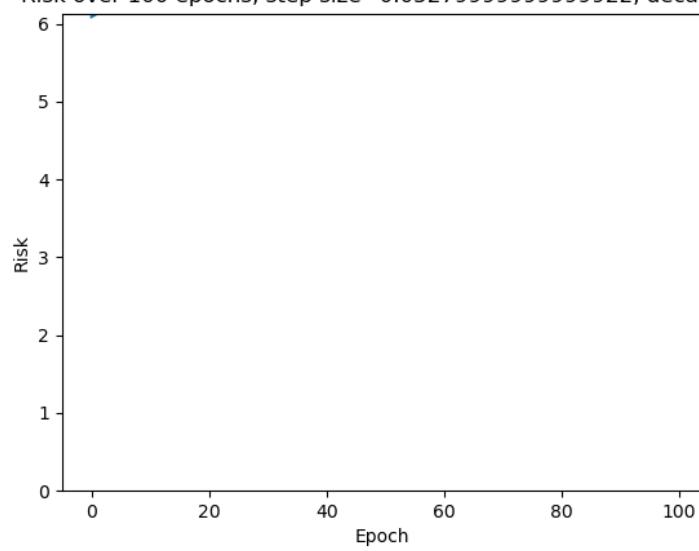
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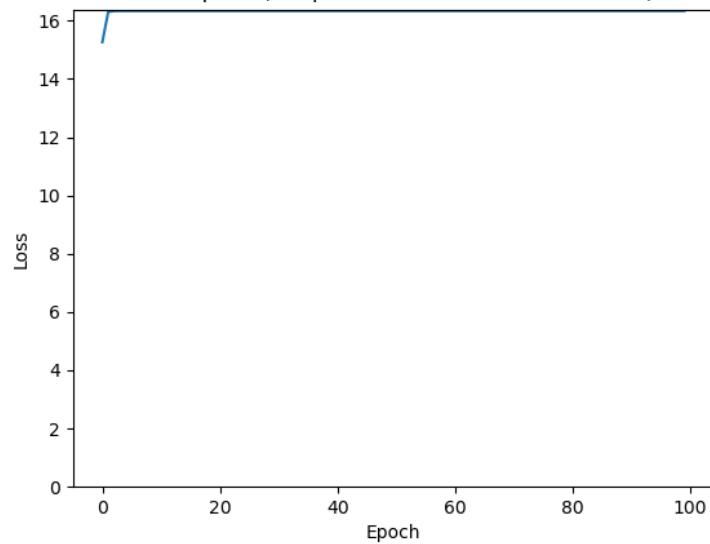
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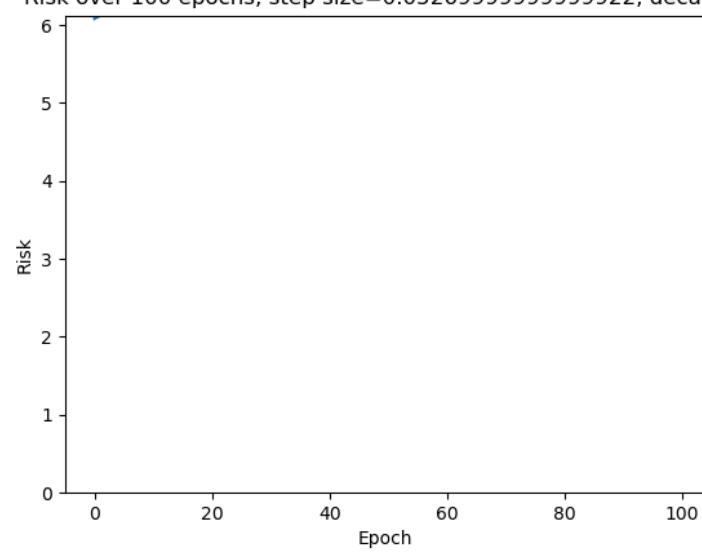
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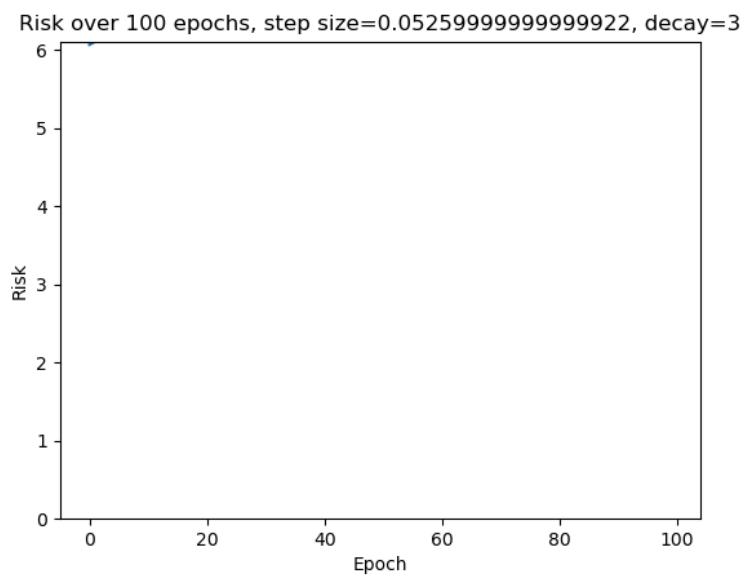
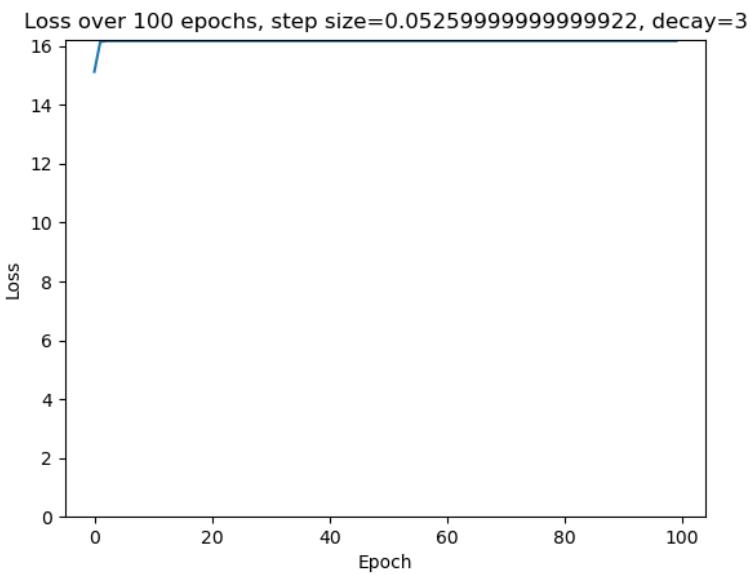


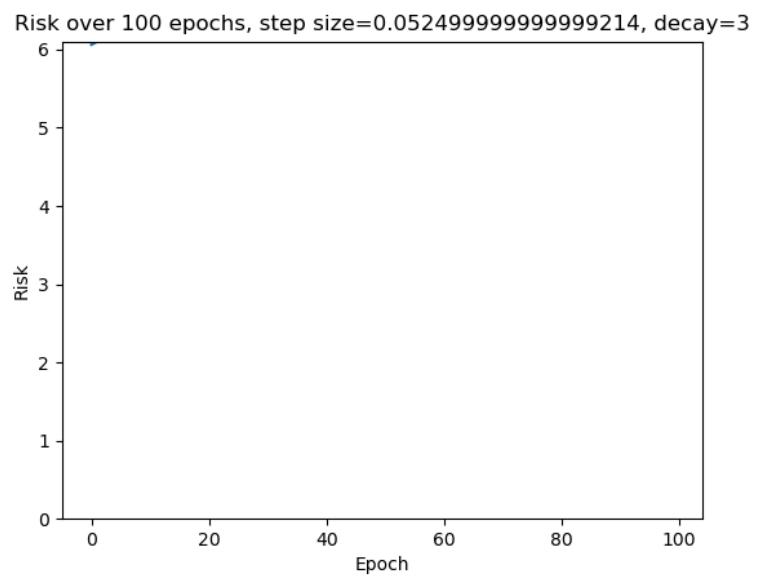
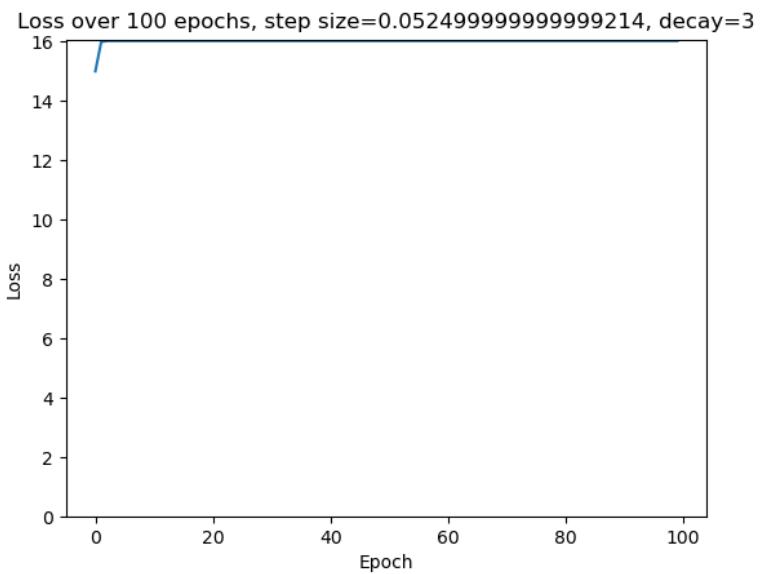
Loss over 100 epochs, step size=0.0526999999999922, decay=3



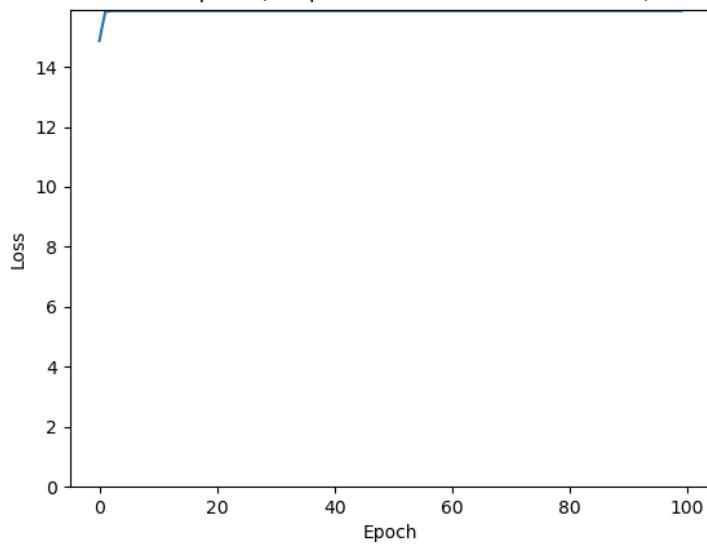
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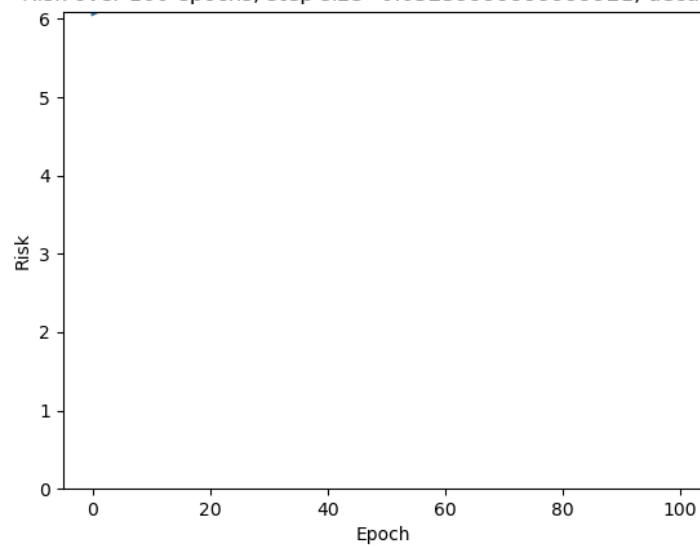




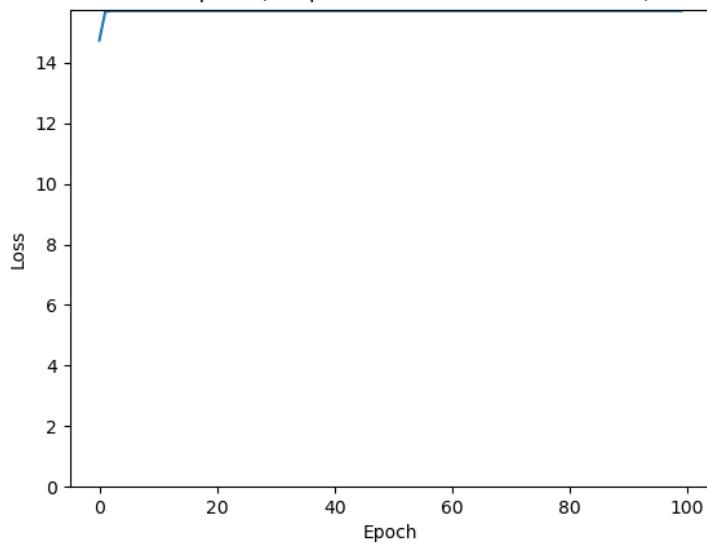
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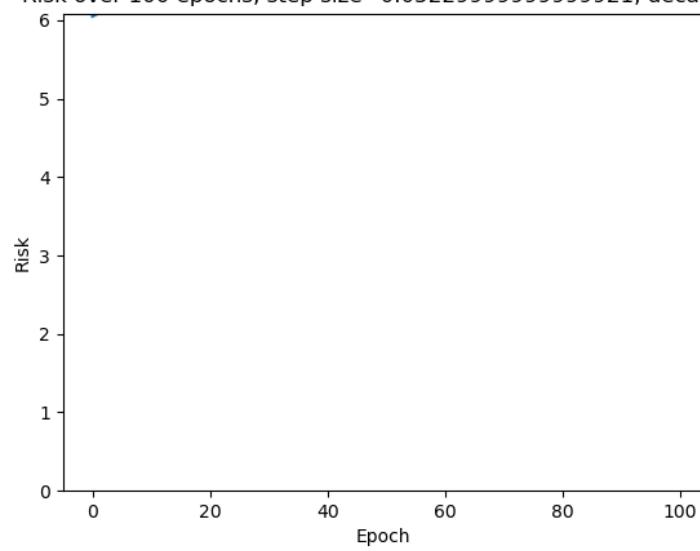
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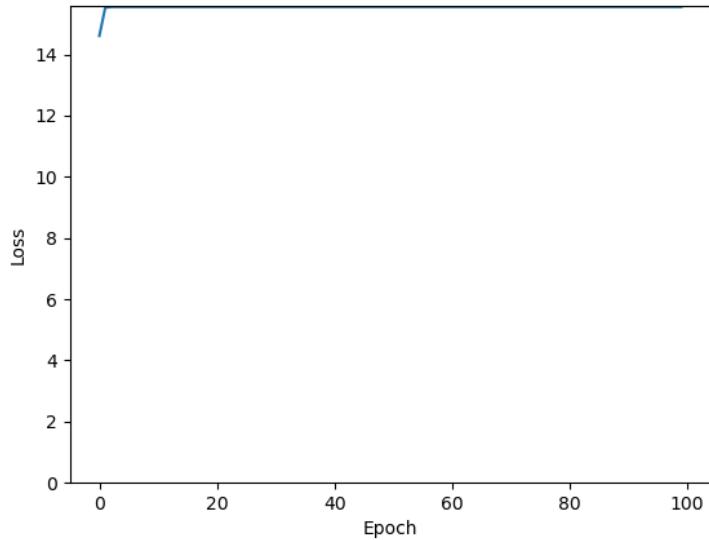
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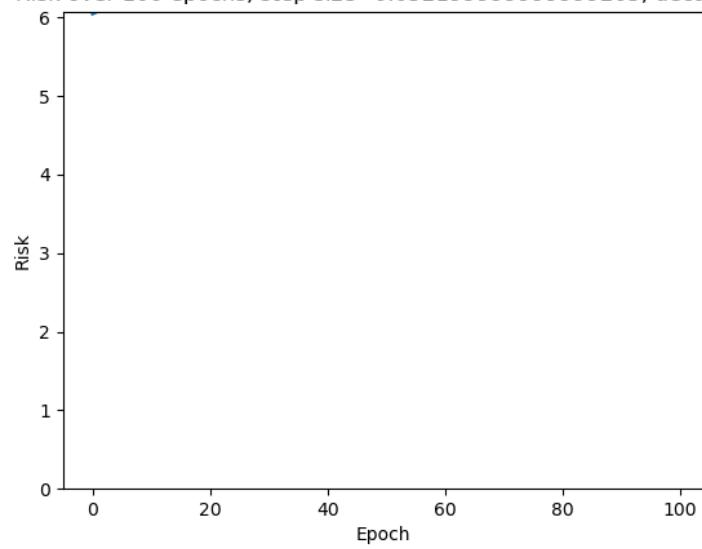
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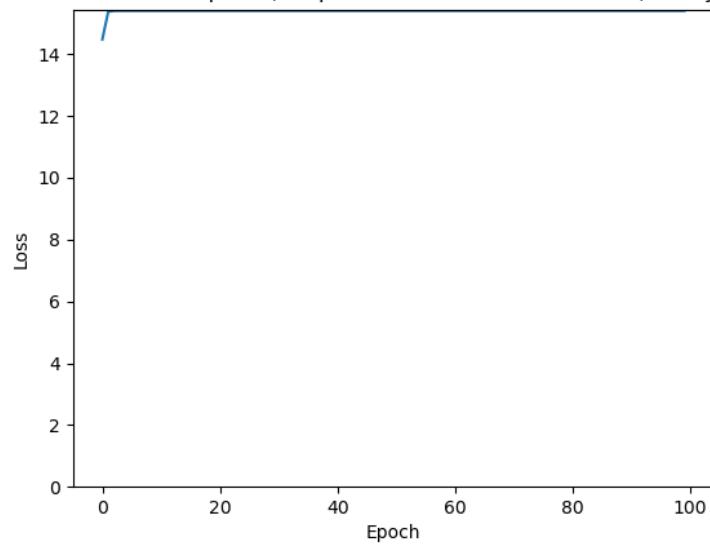
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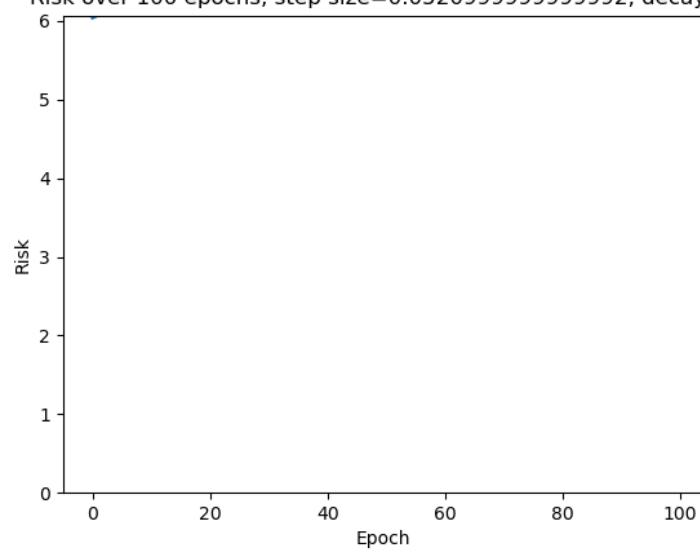
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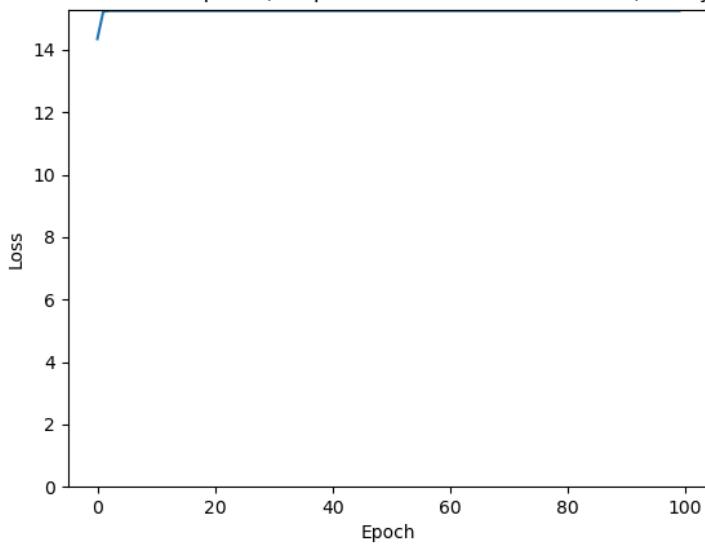
Loss over 100 epochs, step size=0.052099999999992, decay=3



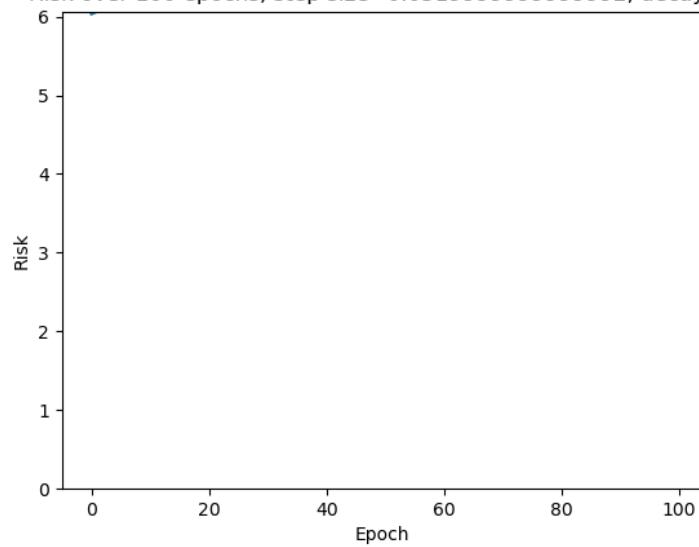
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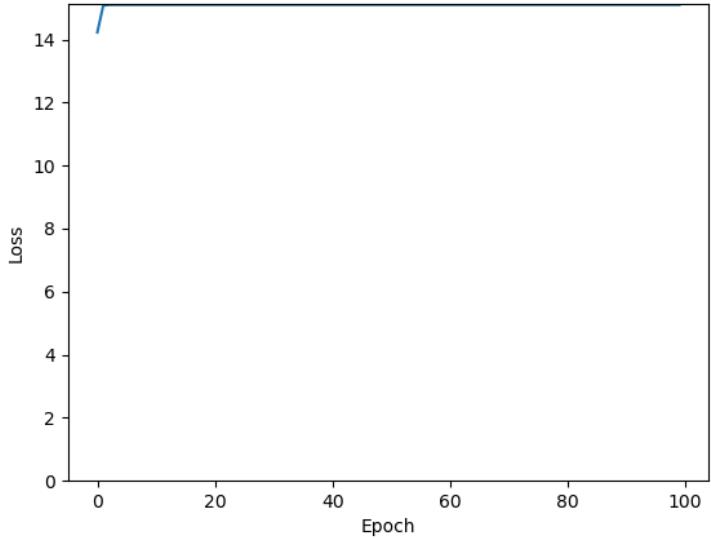
Loss over 100 epochs, step size=0.051999999999992, decay=3



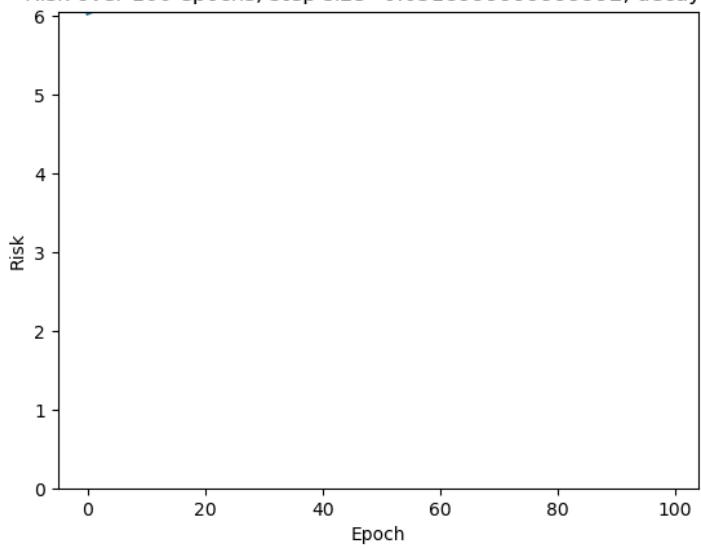
Risk over 100 epochs, step size=0.051999999999992, decay=3



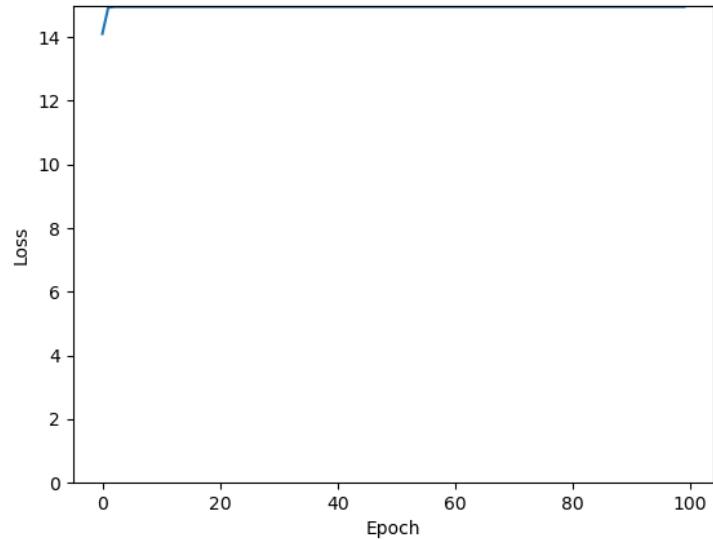
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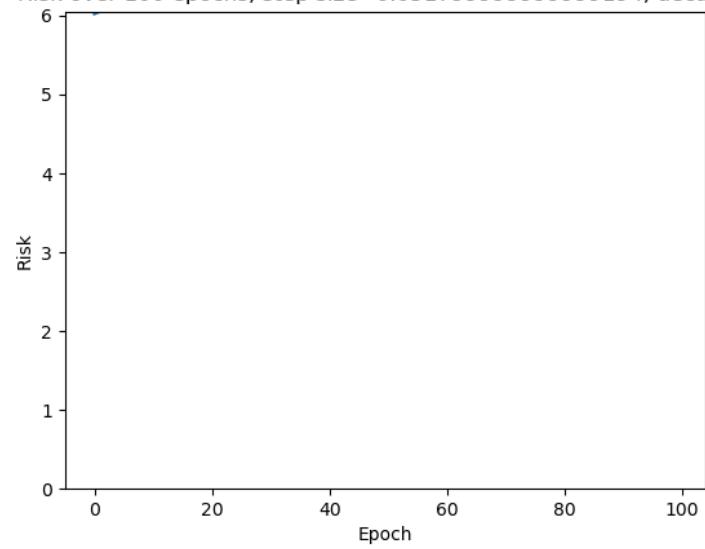
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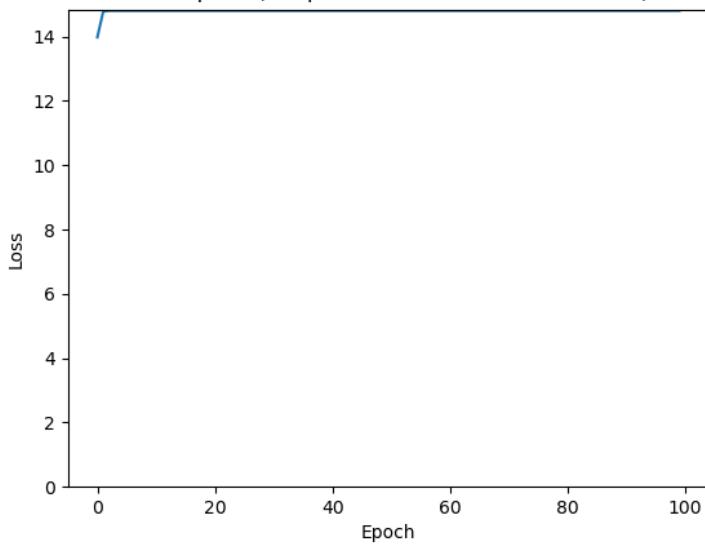
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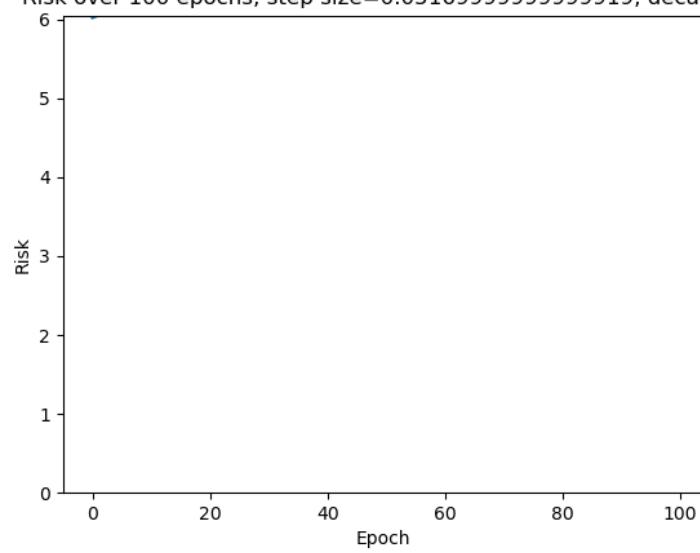
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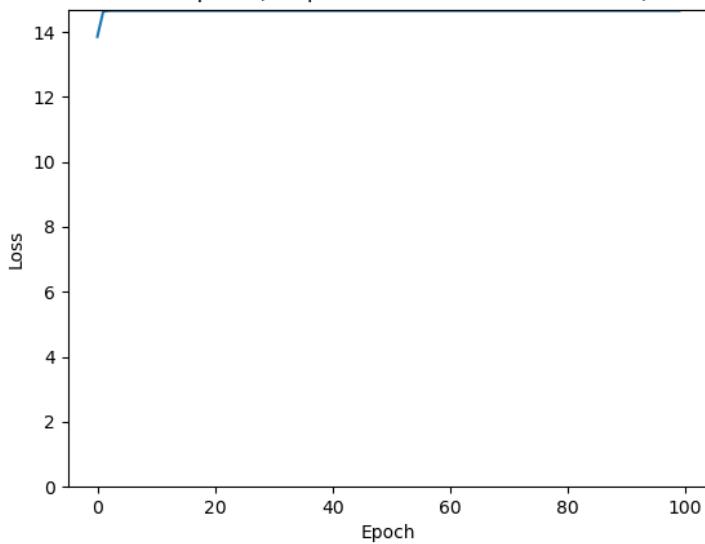
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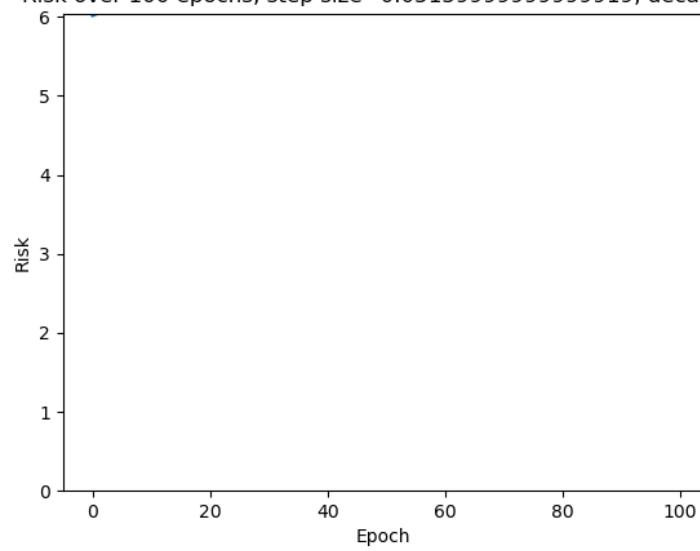
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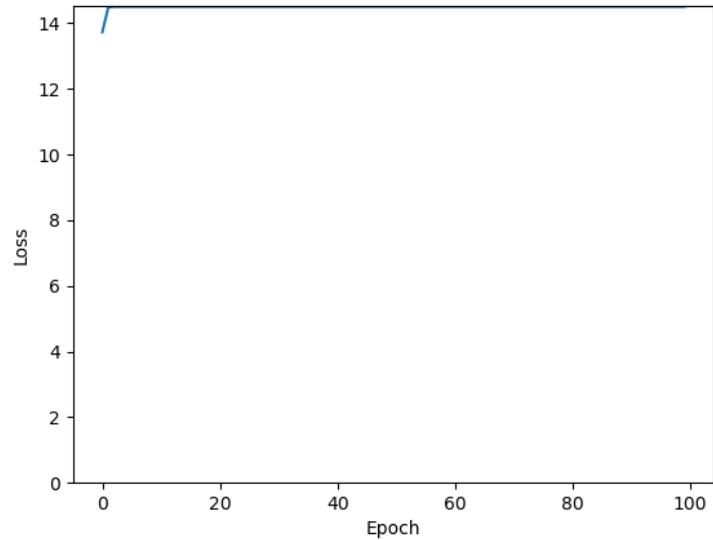
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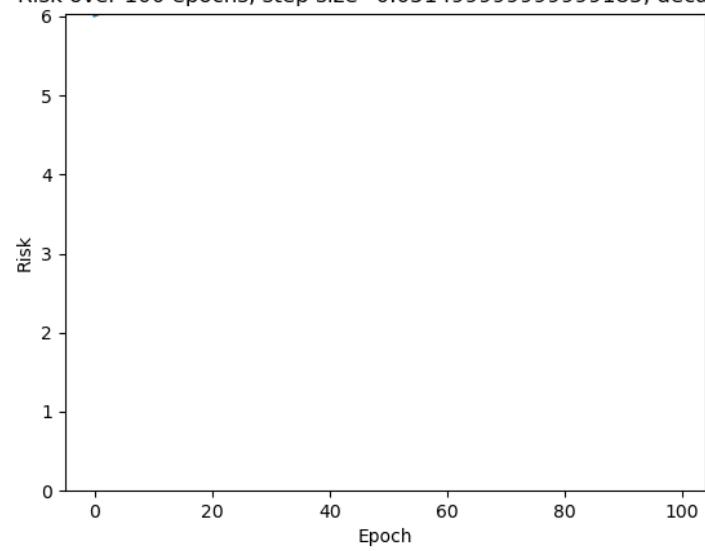
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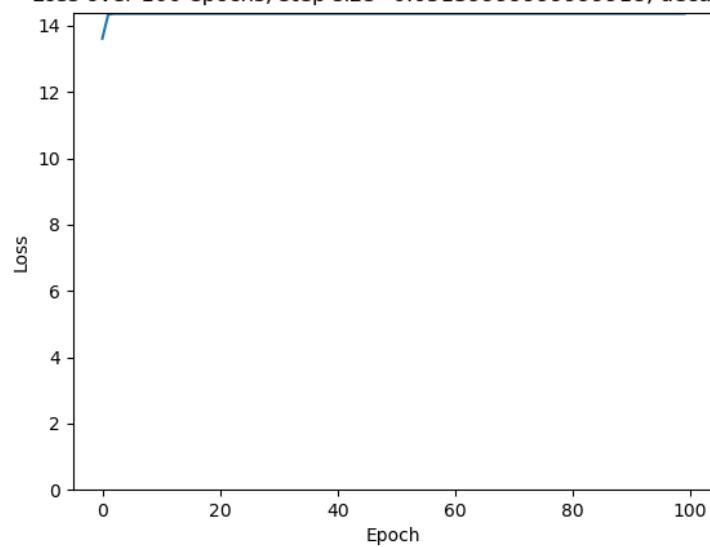
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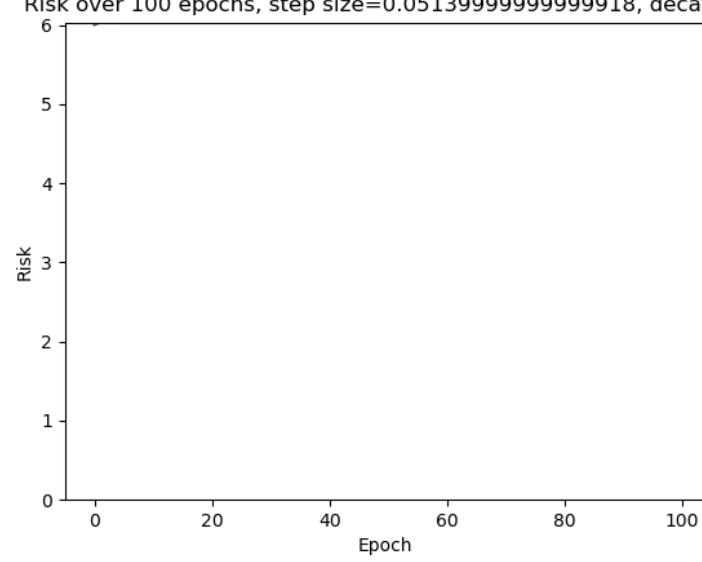
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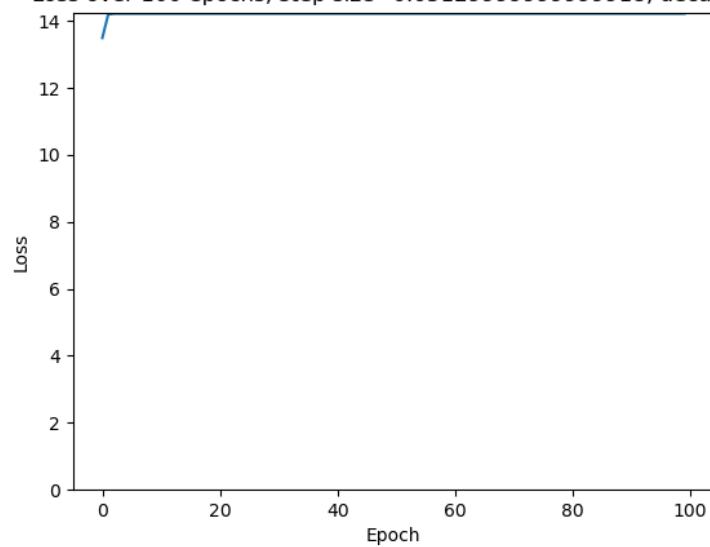
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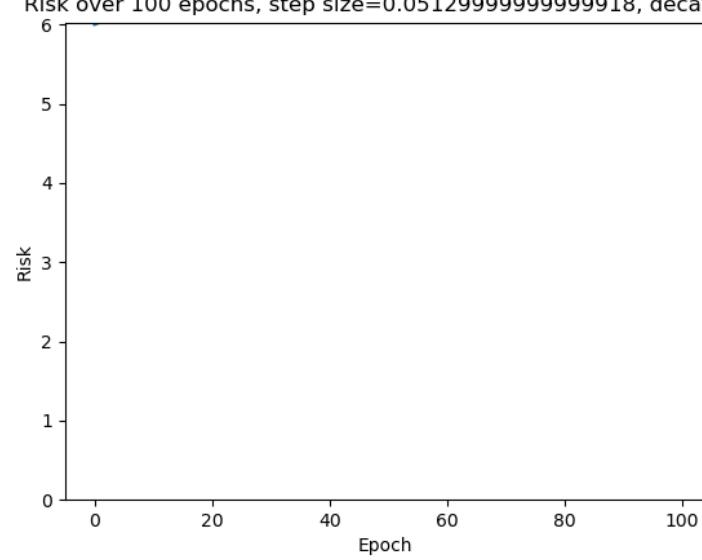
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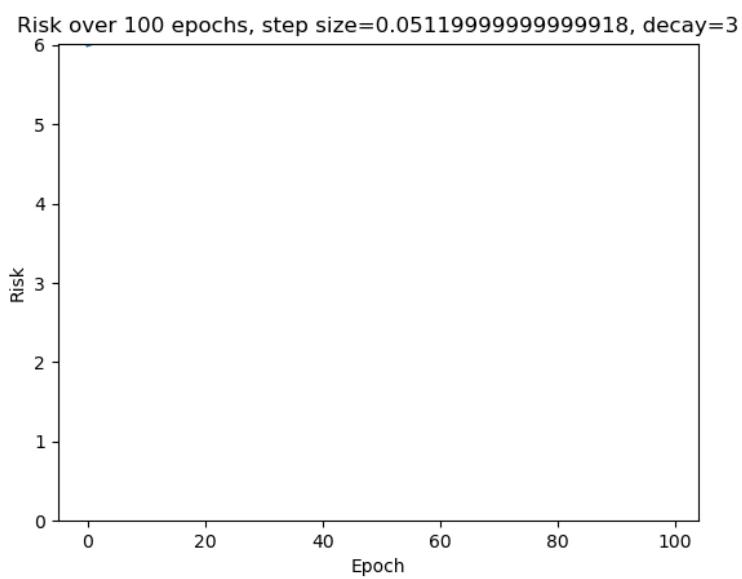
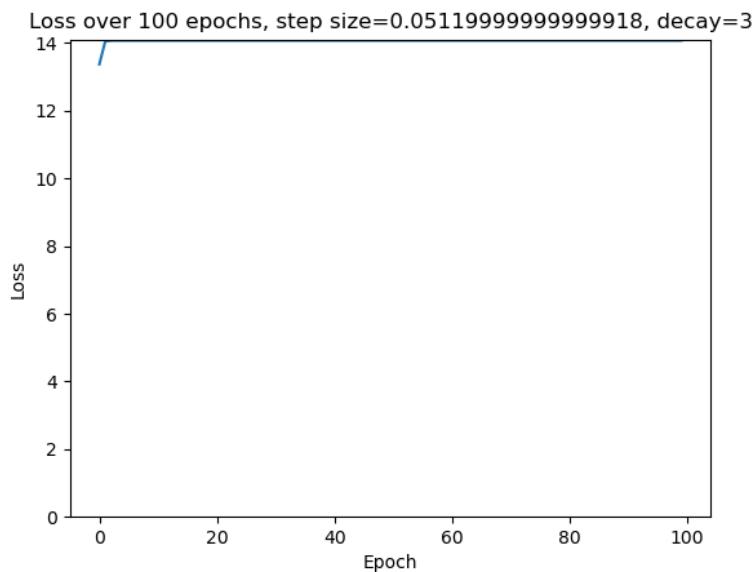


Loss over 100 epochs, step size=0.0512999999999918, decay=3

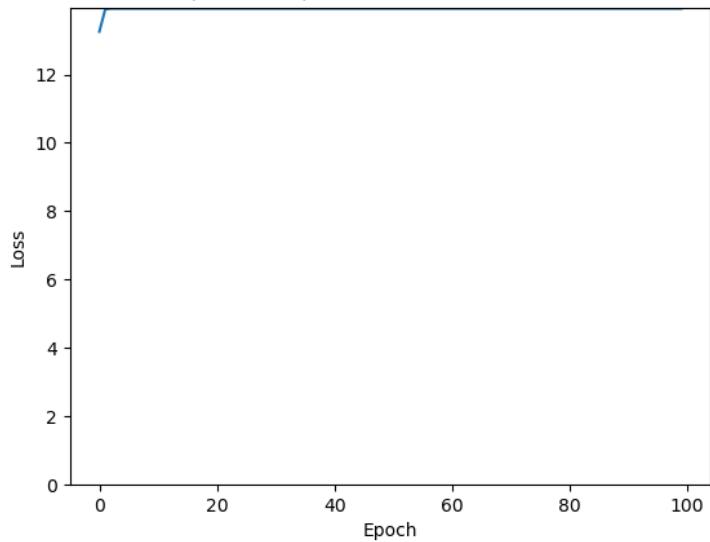


Risk over 100 epochs, step size=0.0512999999999918, decay=3

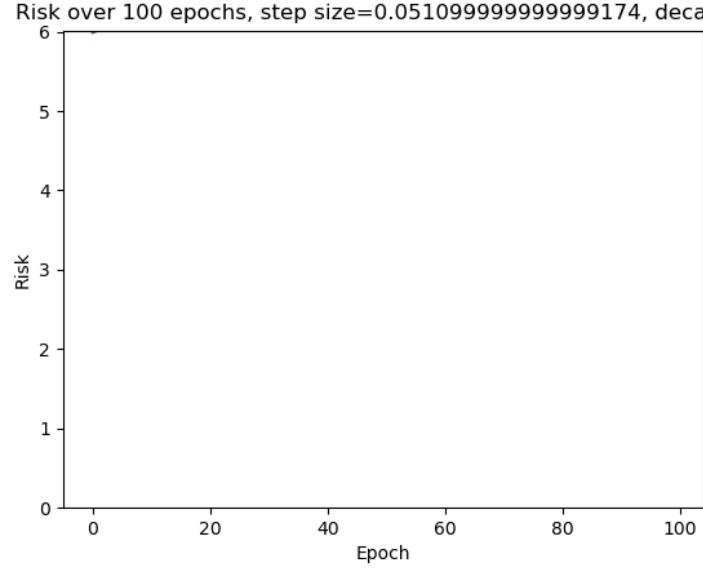




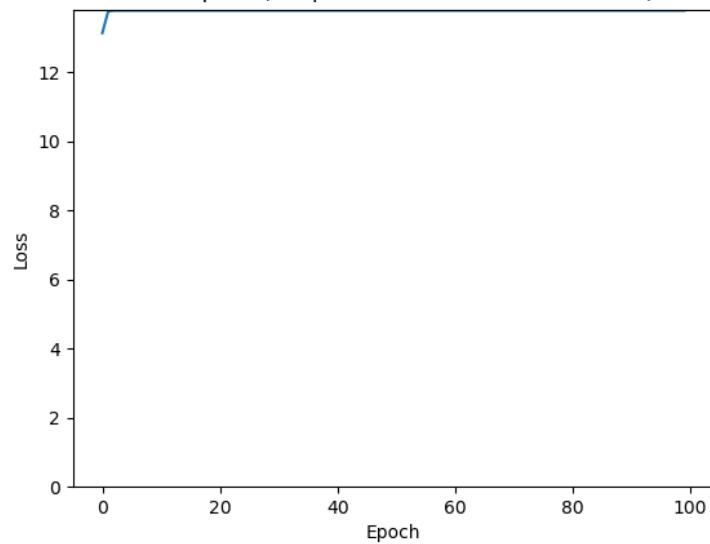
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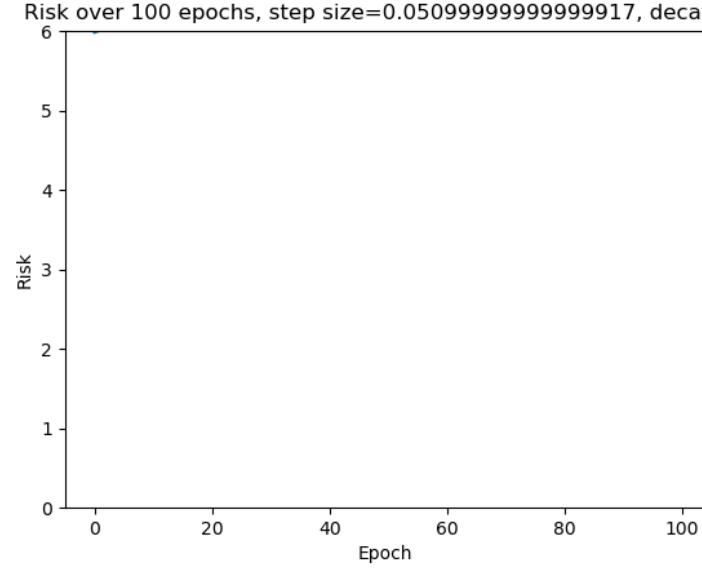
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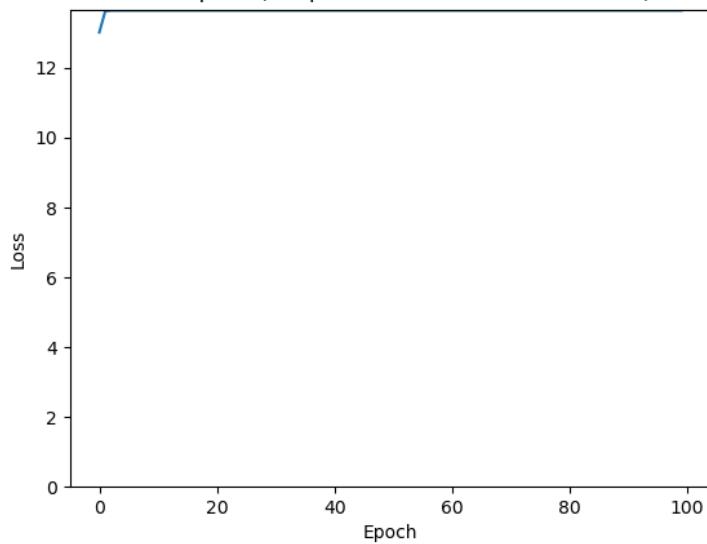
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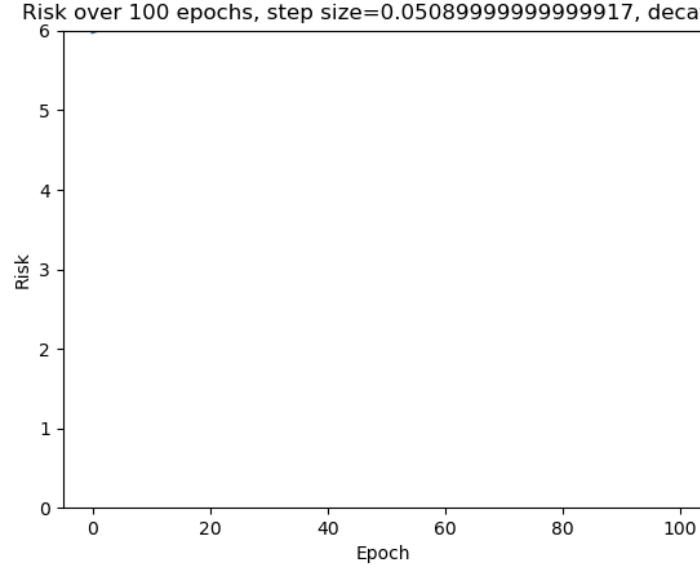
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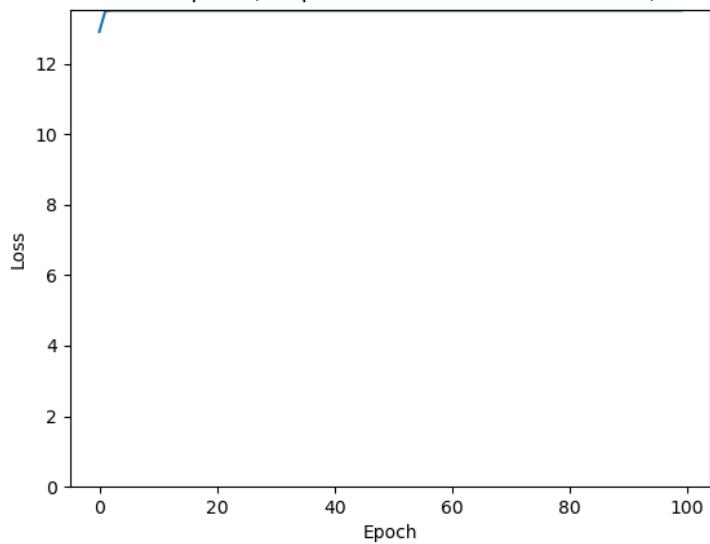
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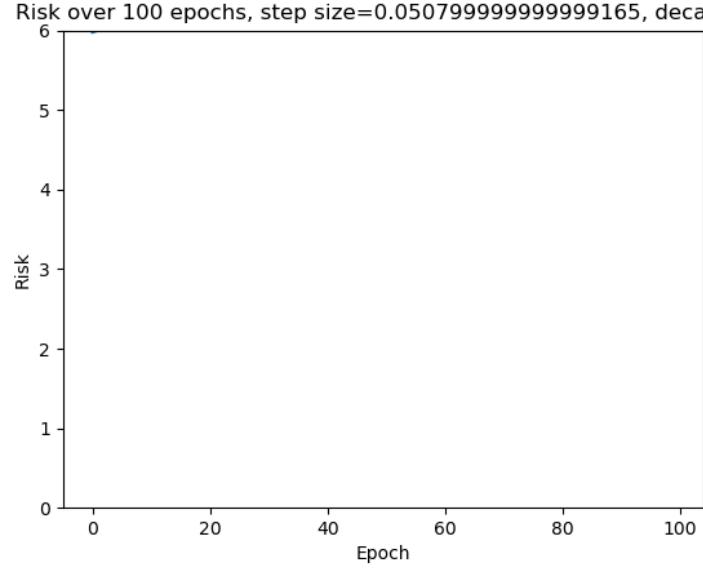
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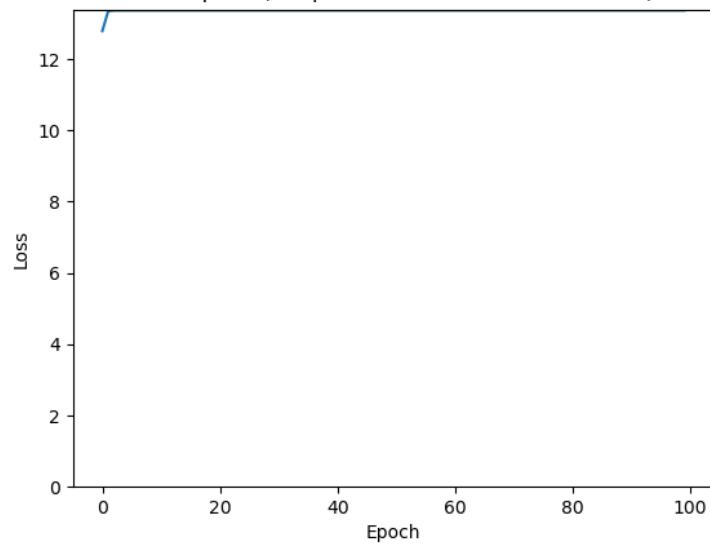
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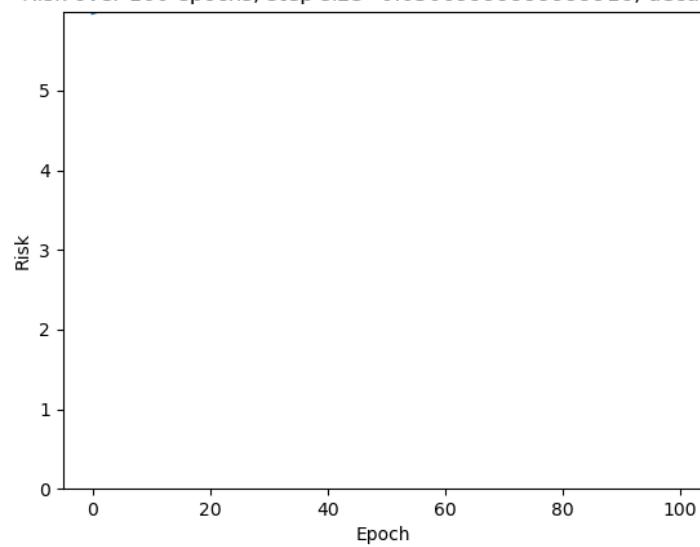
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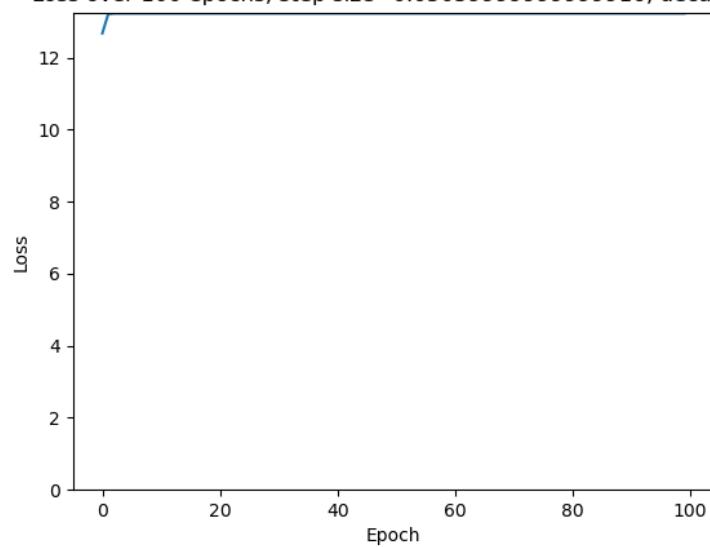
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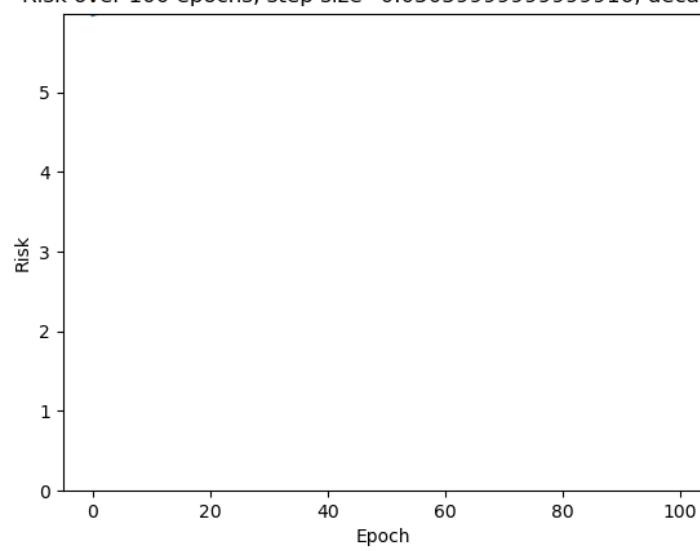
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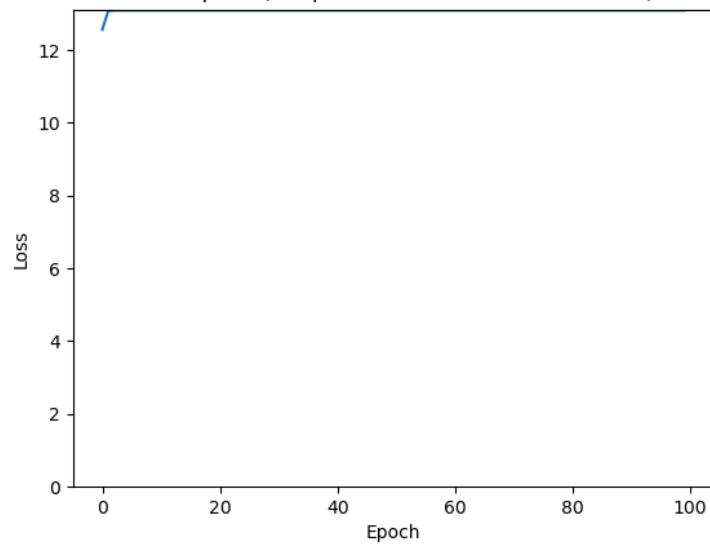
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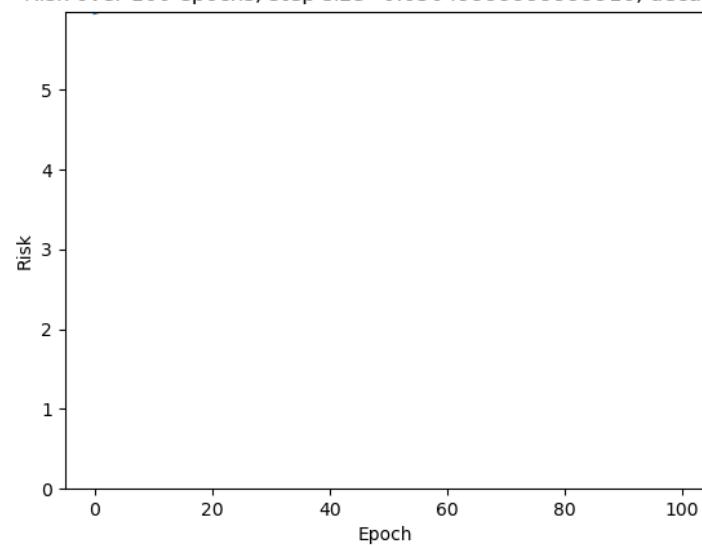
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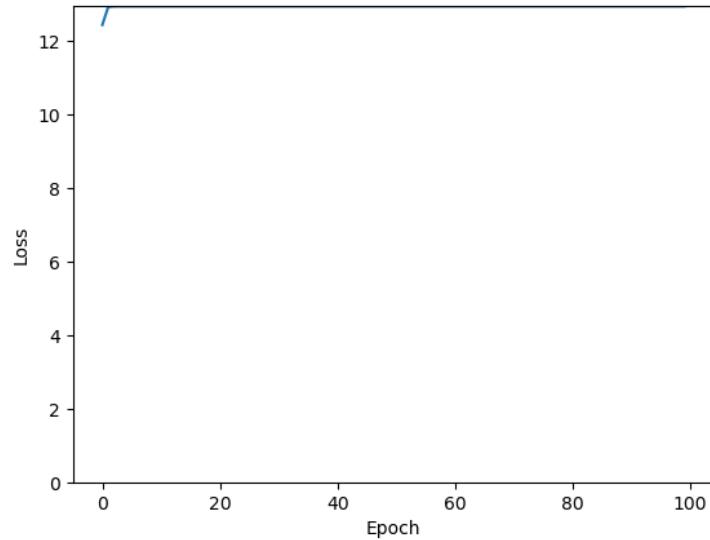
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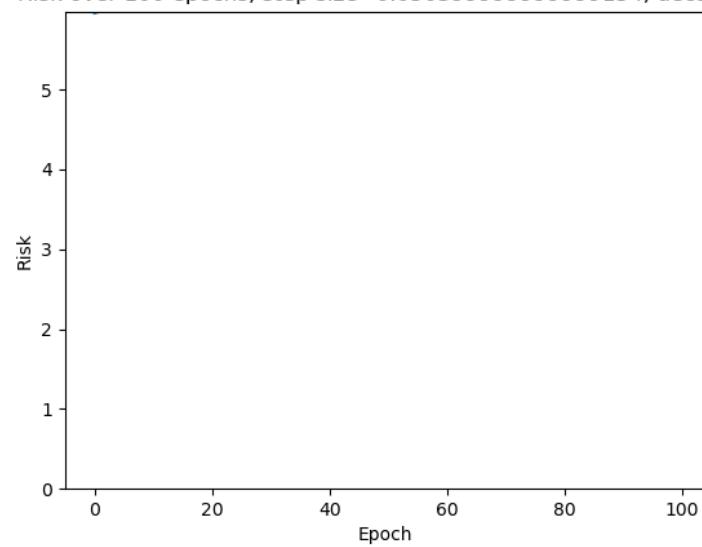
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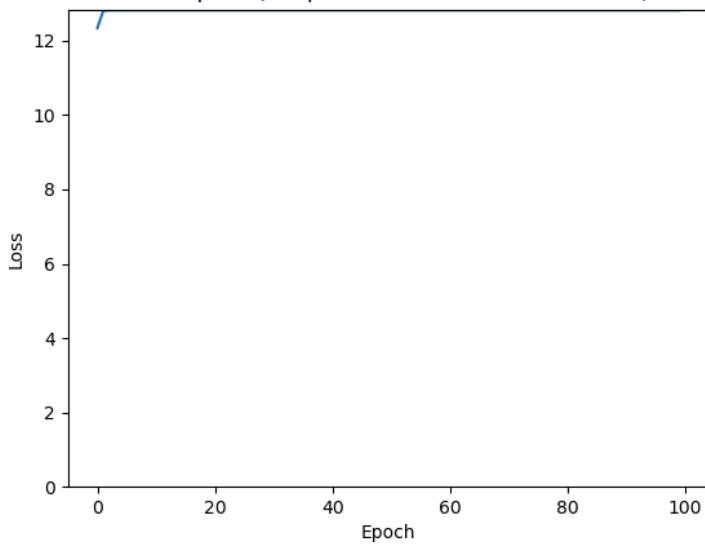
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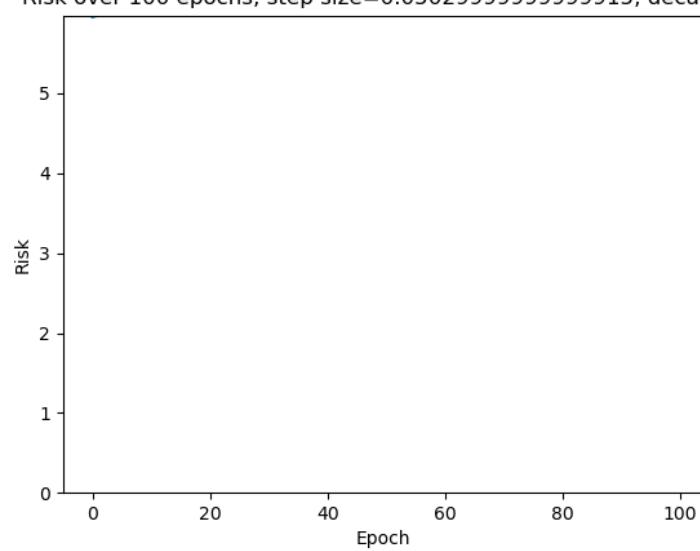
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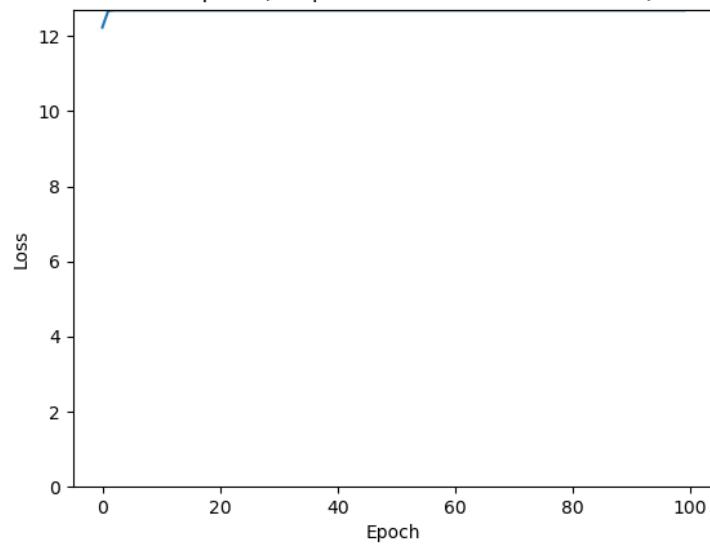
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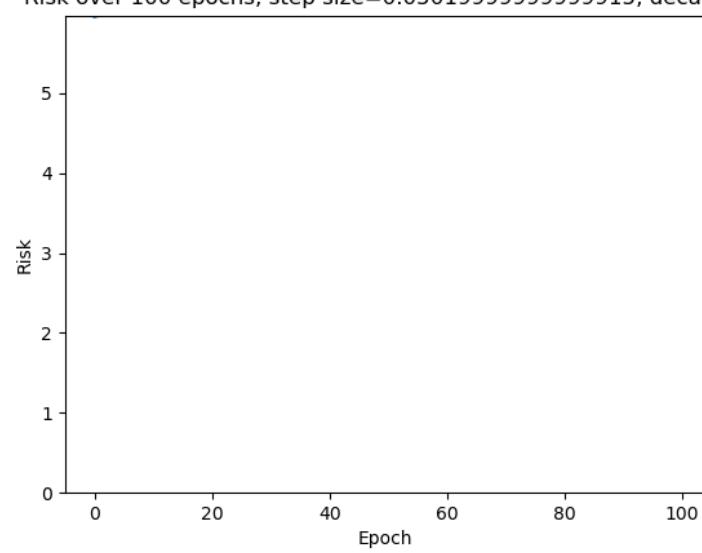
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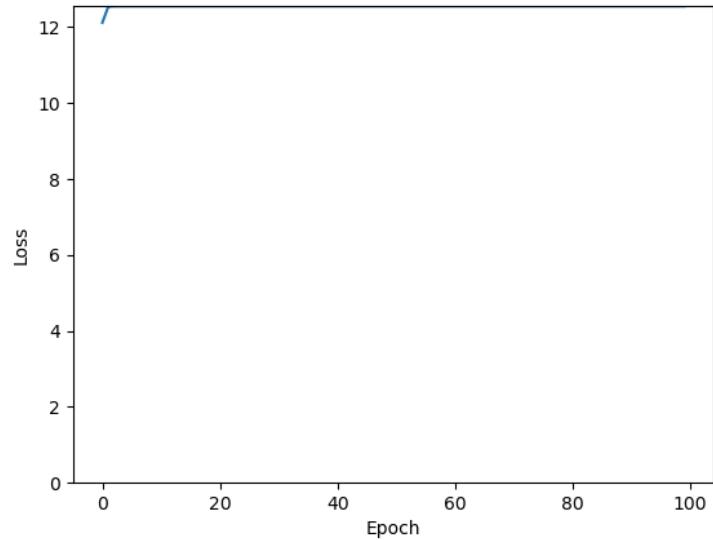
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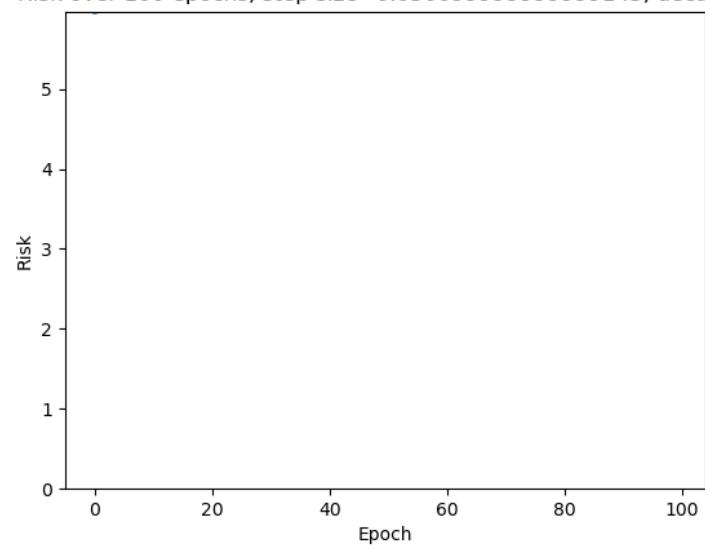
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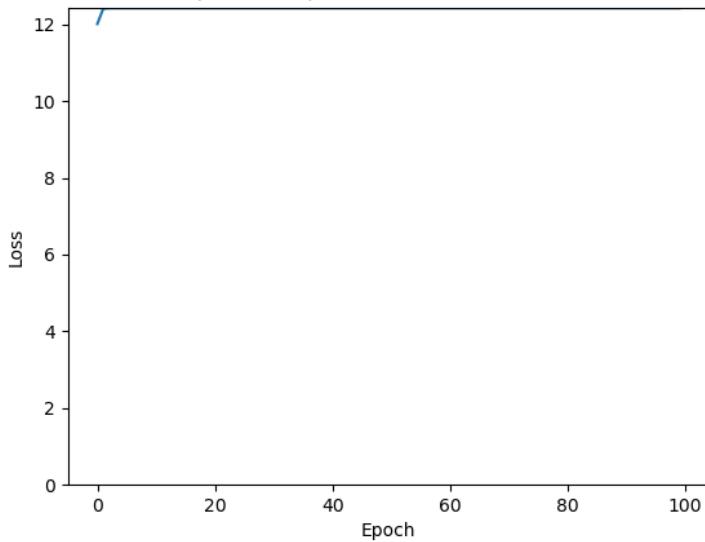
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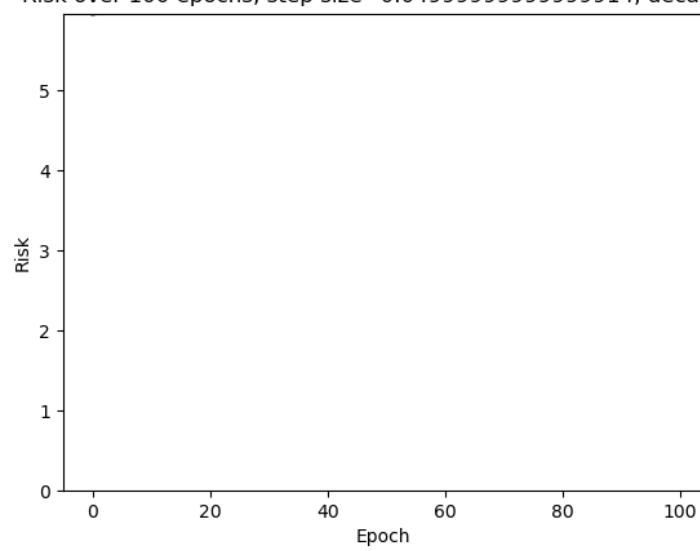
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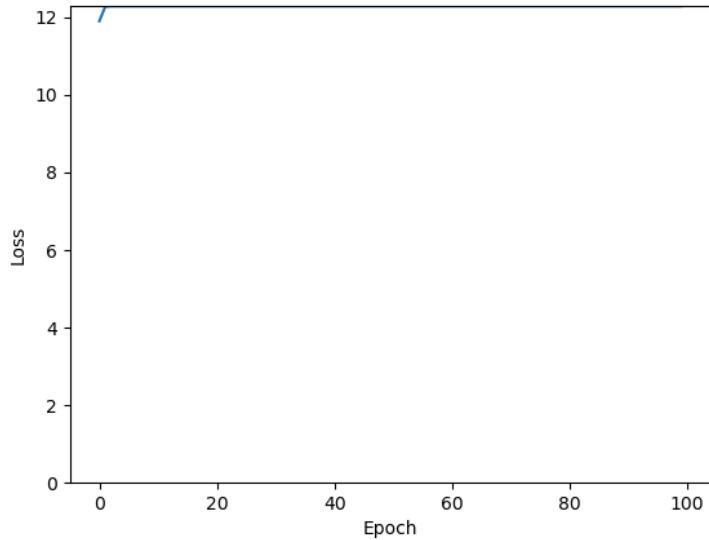
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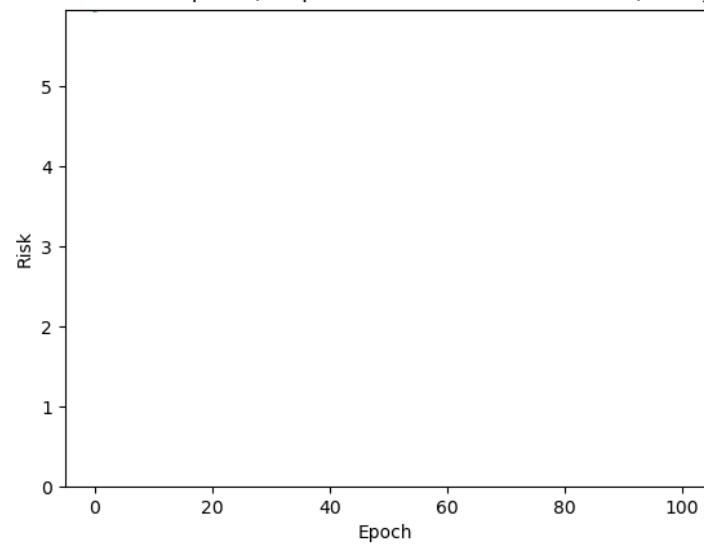
Risk over 100 epochs, step size=0.0499999999999914, decay=3



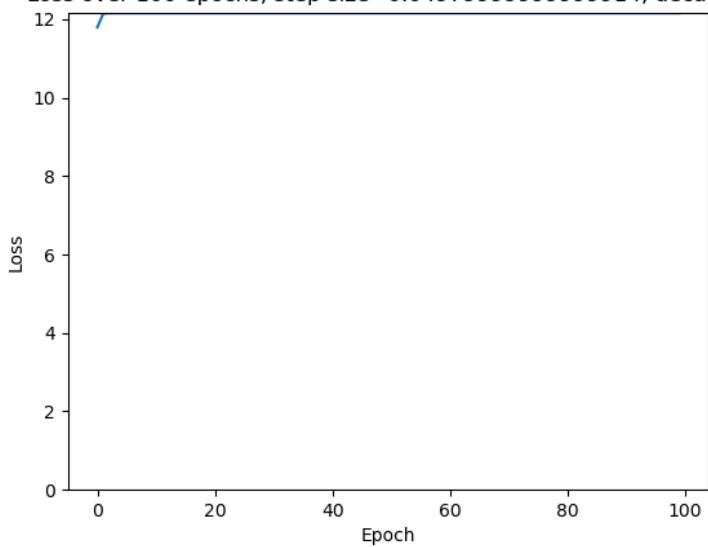
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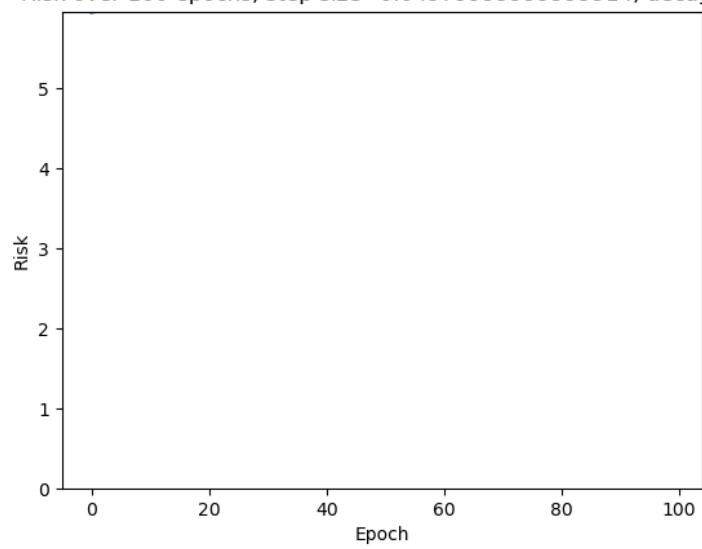
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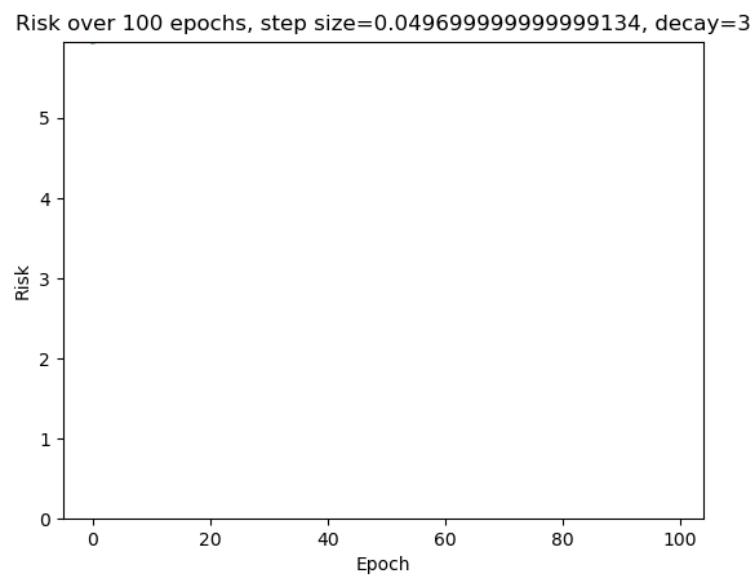
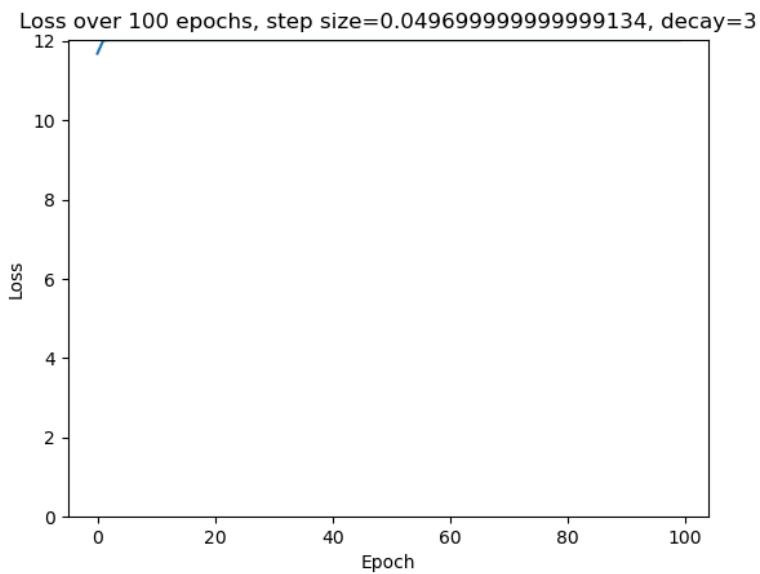


Loss over 100 epochs, step size=0.0497999999999914, decay=3

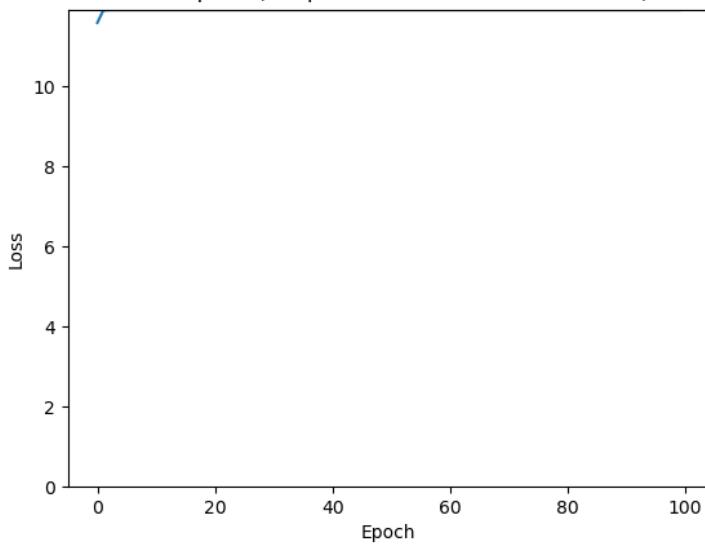


Risk over 100 epochs, step size=0.0497999999999914, decay=3

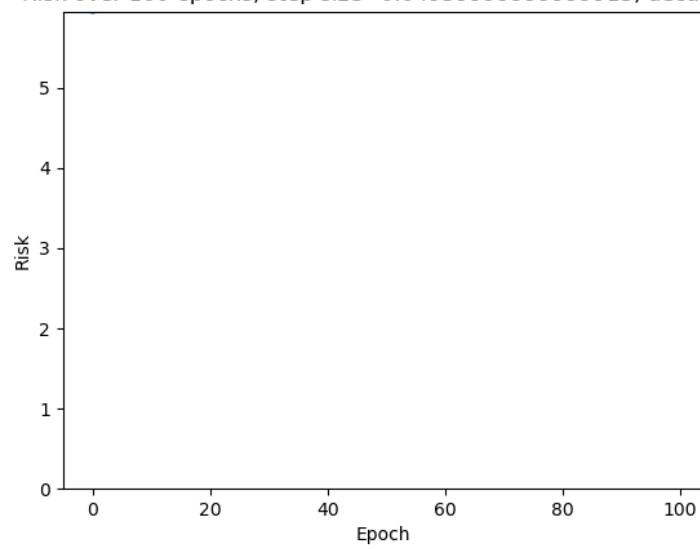




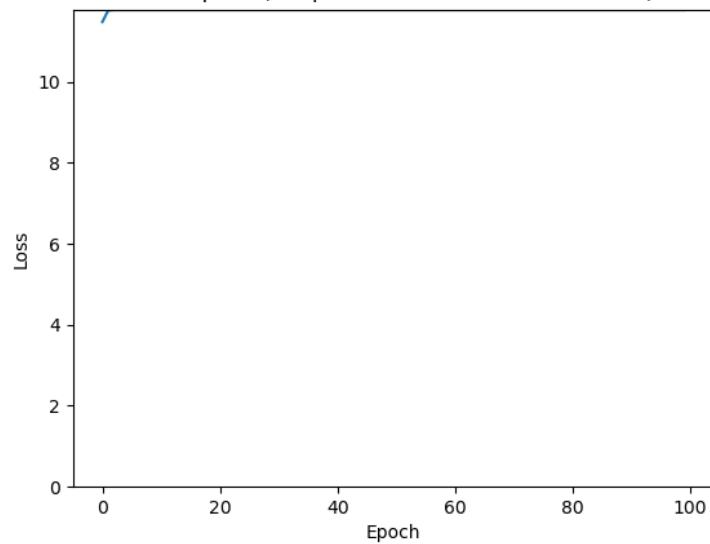
Loss over 100 epochs, step size=0.04959999999999913, decay=3



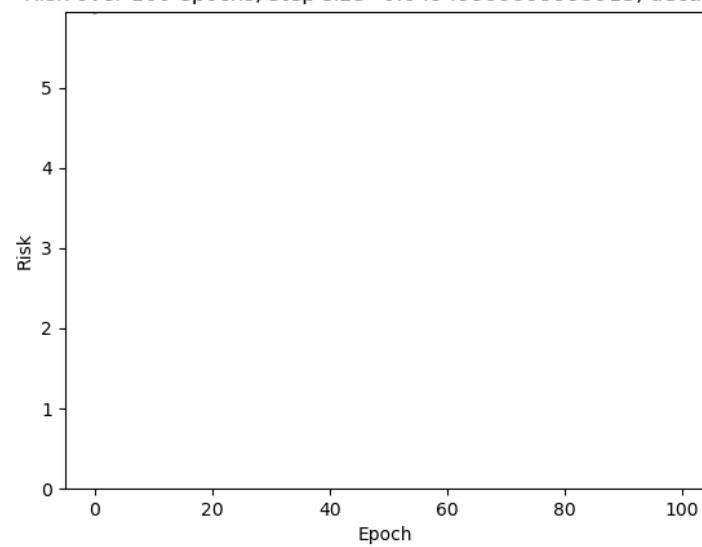
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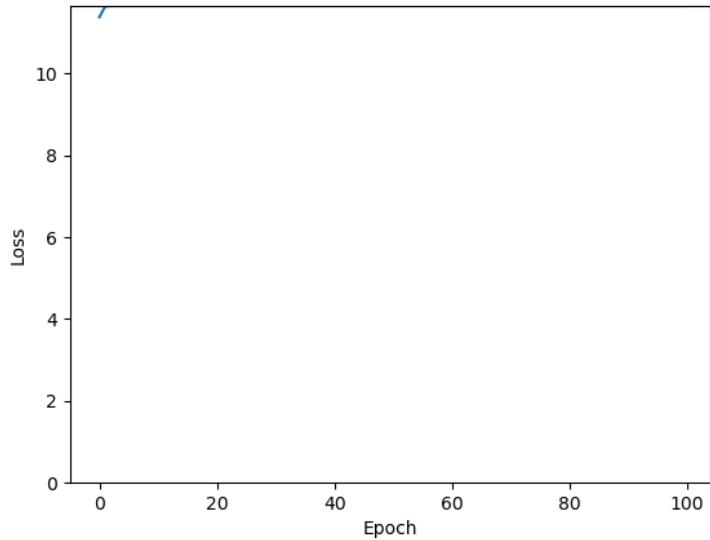
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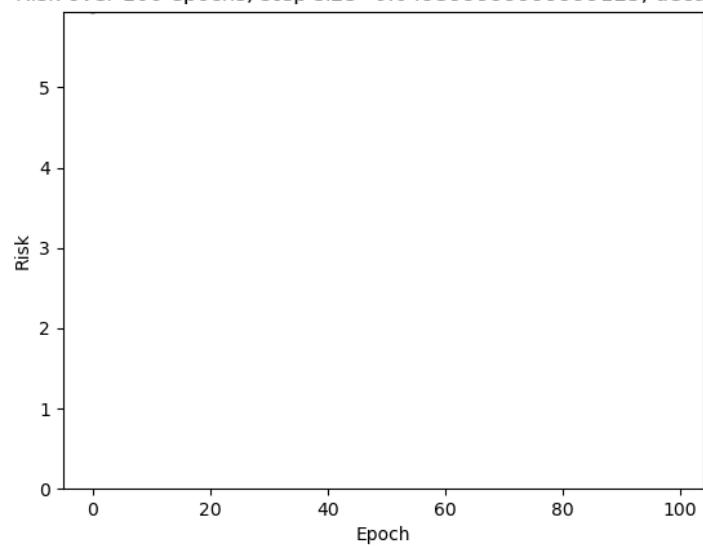
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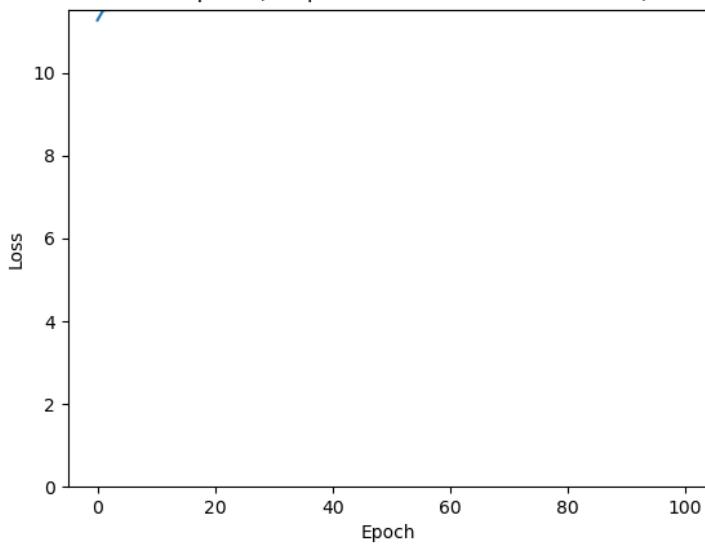
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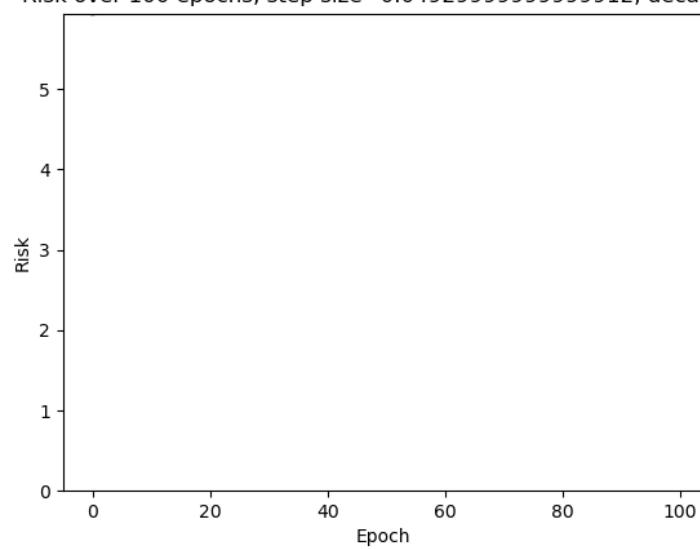
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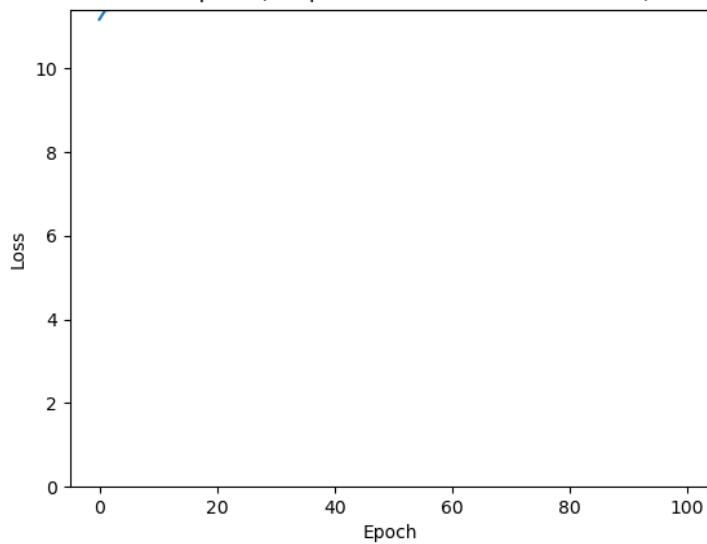
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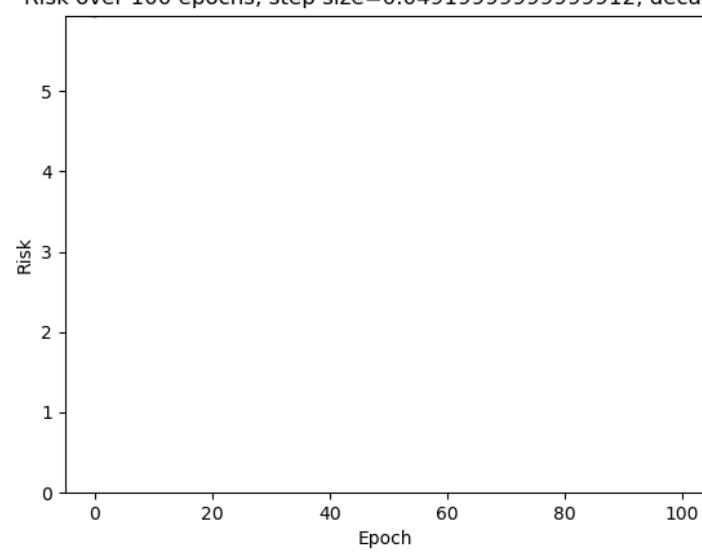
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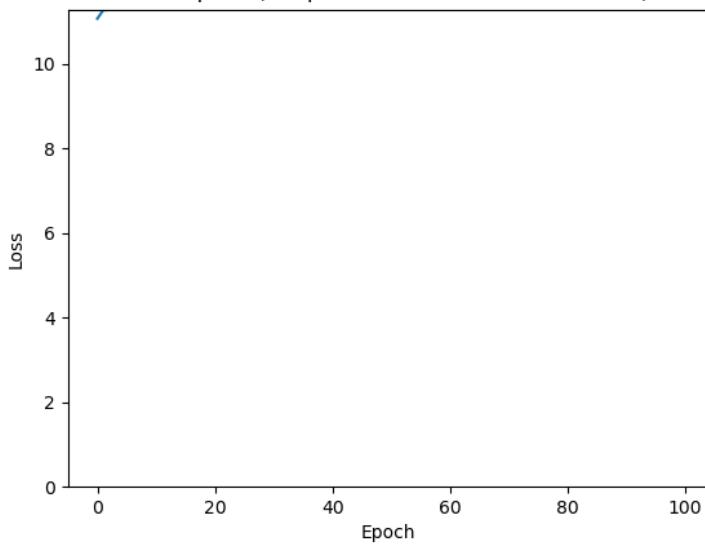
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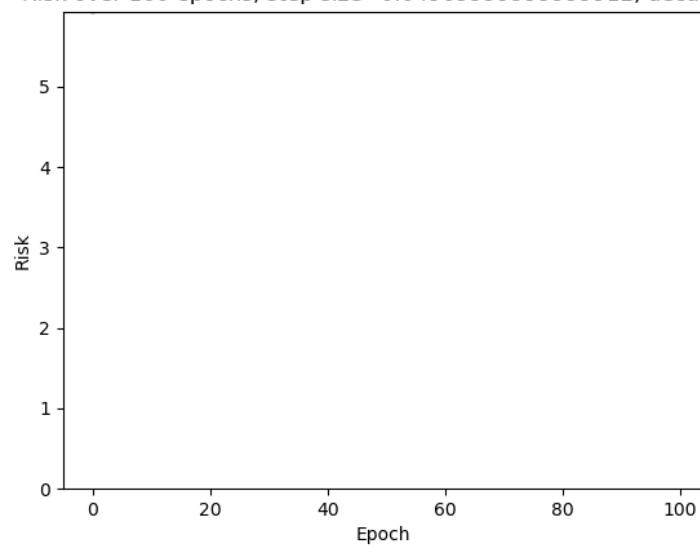
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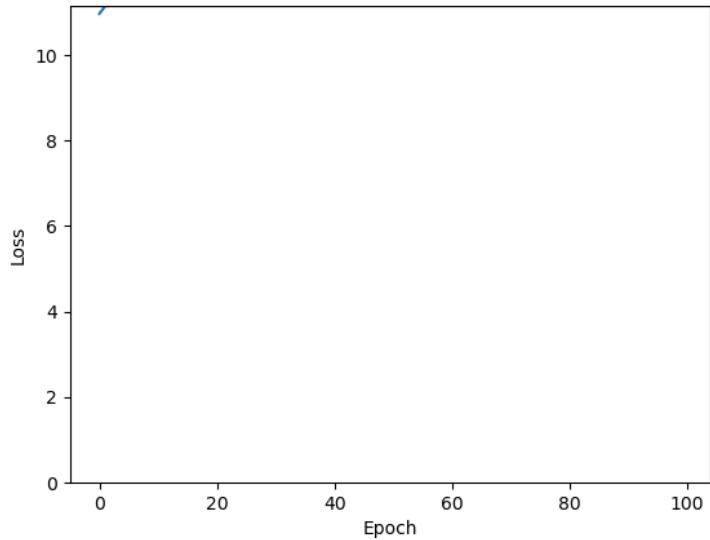
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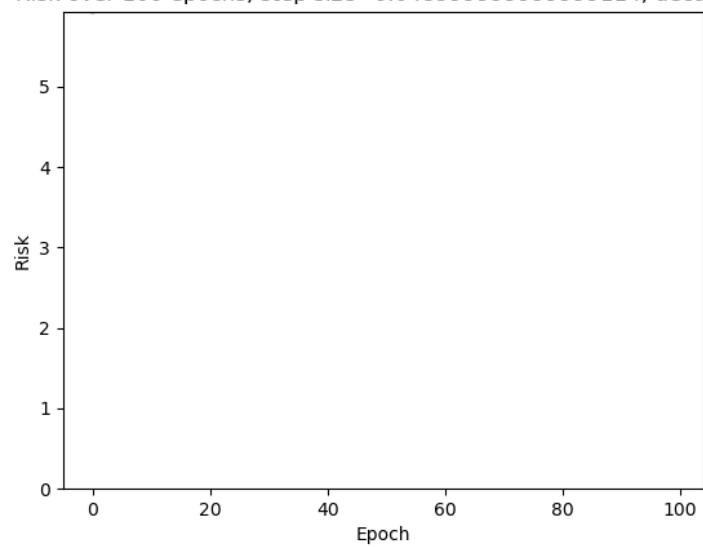
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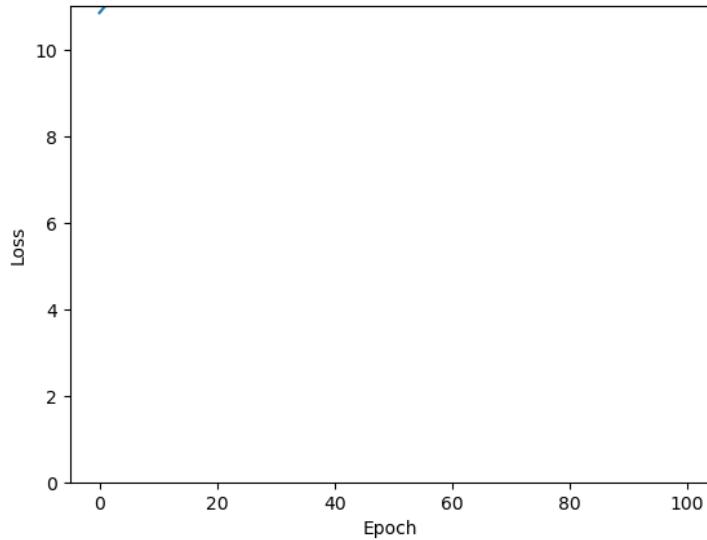
Loss over 100 epochs, step size=0.04899999999999114, decay=3



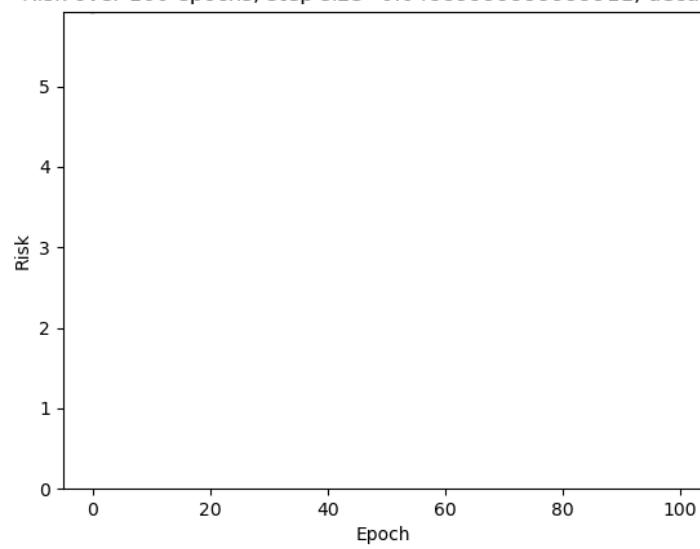
Risk over 100 epochs, step size=0.04899999999999114, decay=3



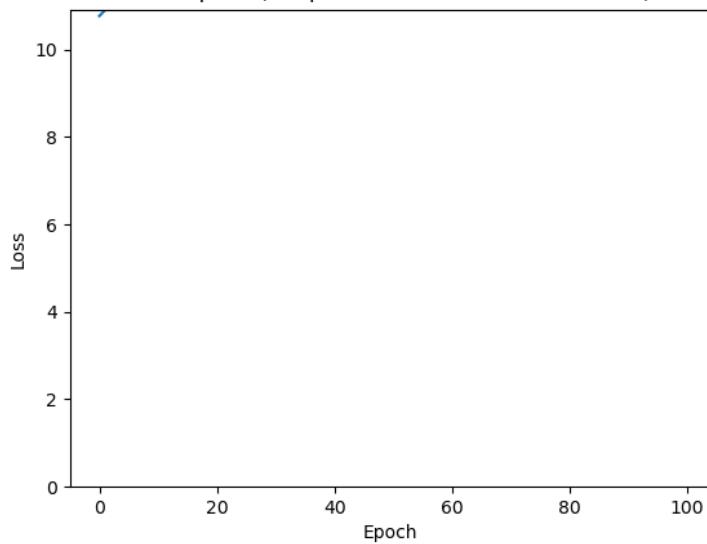
Loss over 100 epochs, step size=0.0488999999999911, decay=3



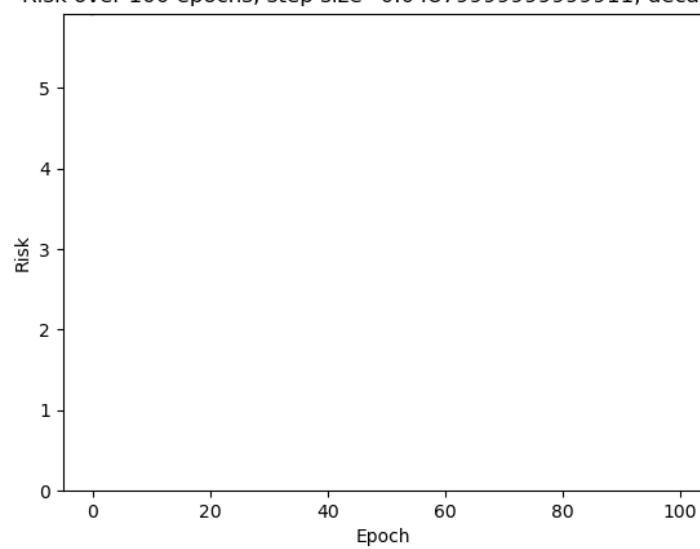
Risk over 100 epochs, step size=0.0488999999999911, decay=3



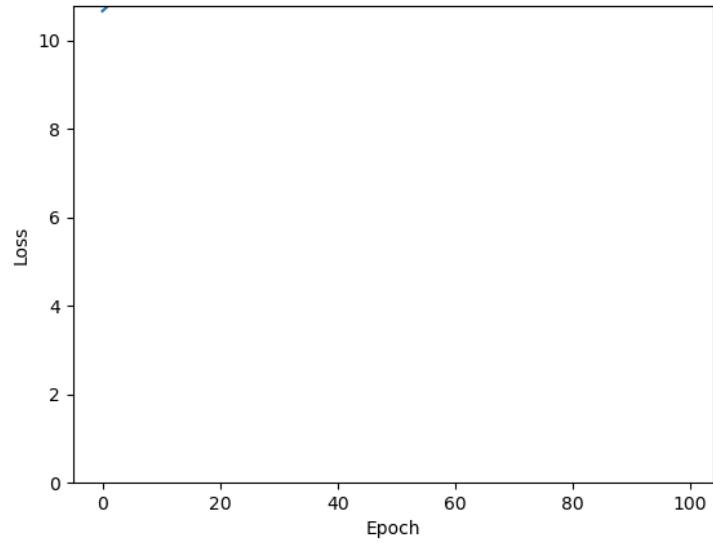
Loss over 100 epochs, step size=0.0487999999999911, decay=3



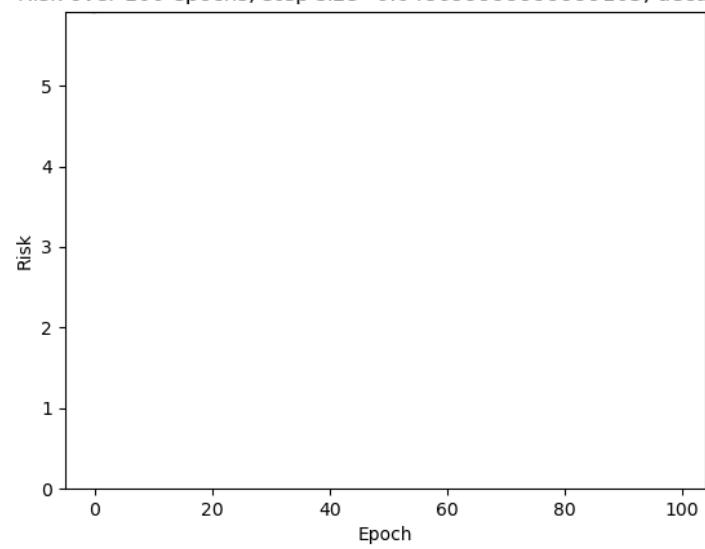
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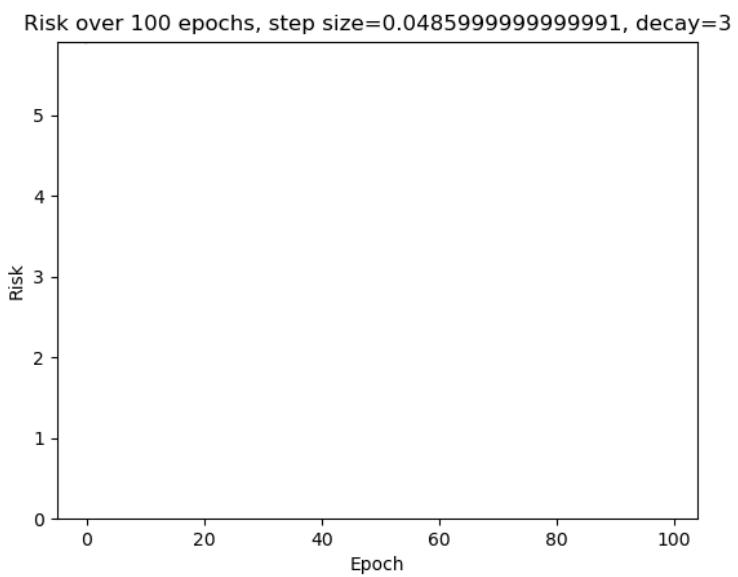
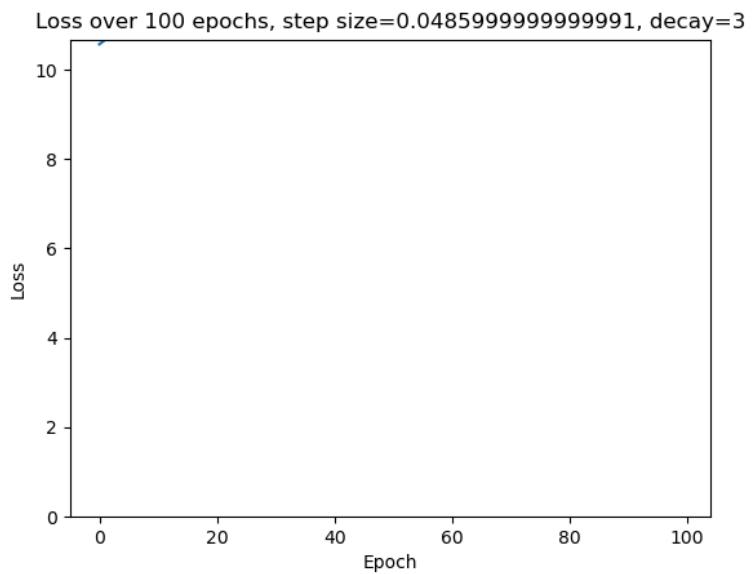


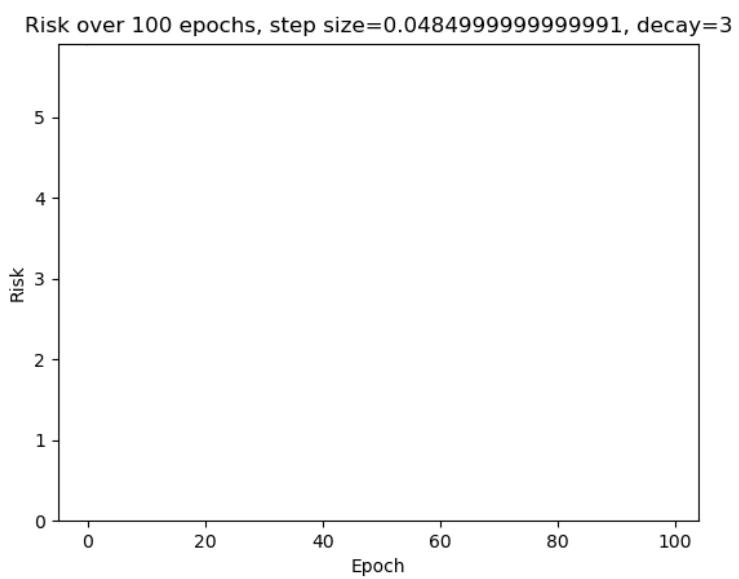
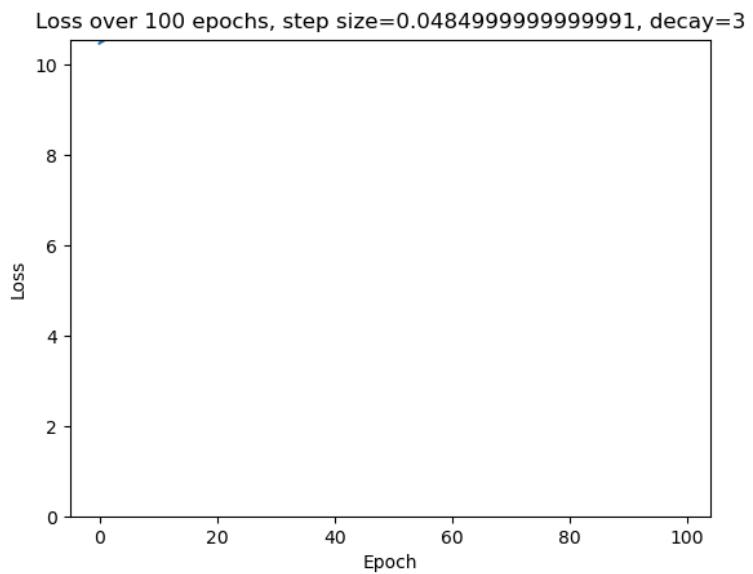
Loss over 100 epochs, step size=0.04869999999999105, decay=3



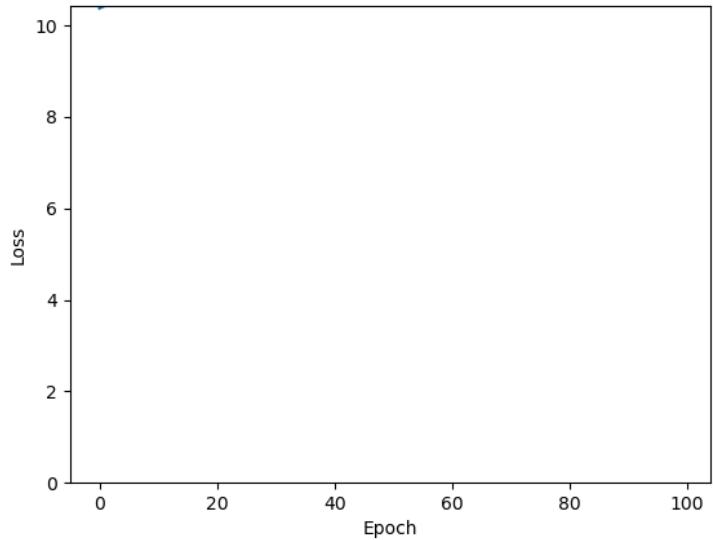
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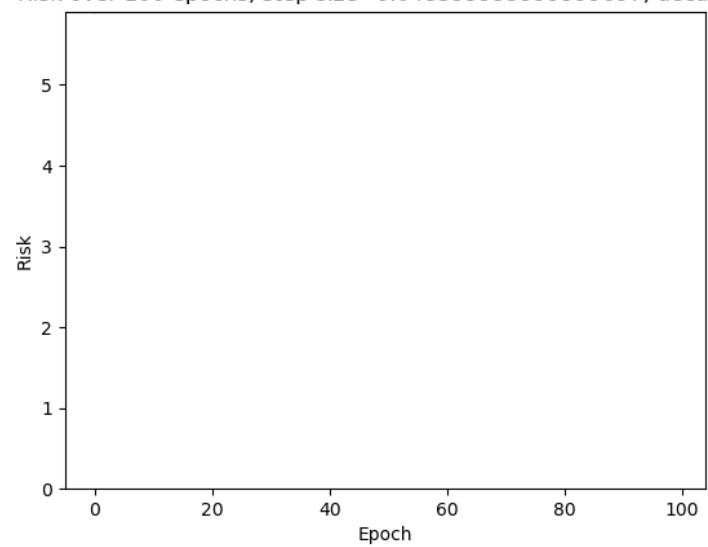




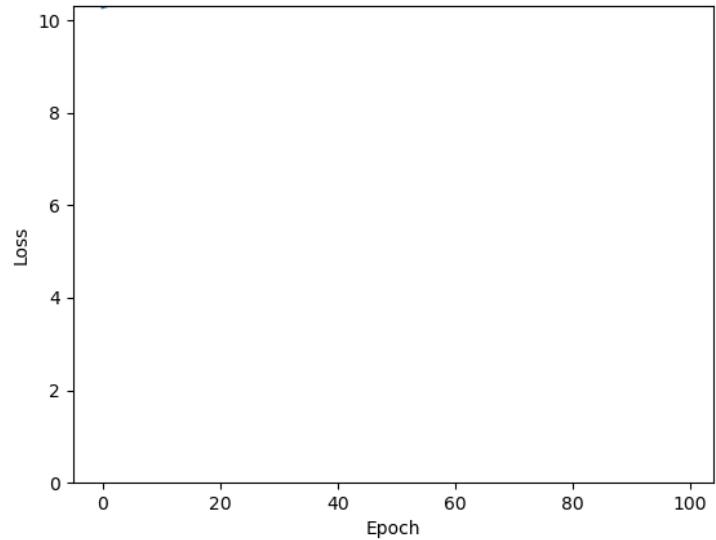
Loss over 100 epochs, step size=0.04839999999999097, decay=3



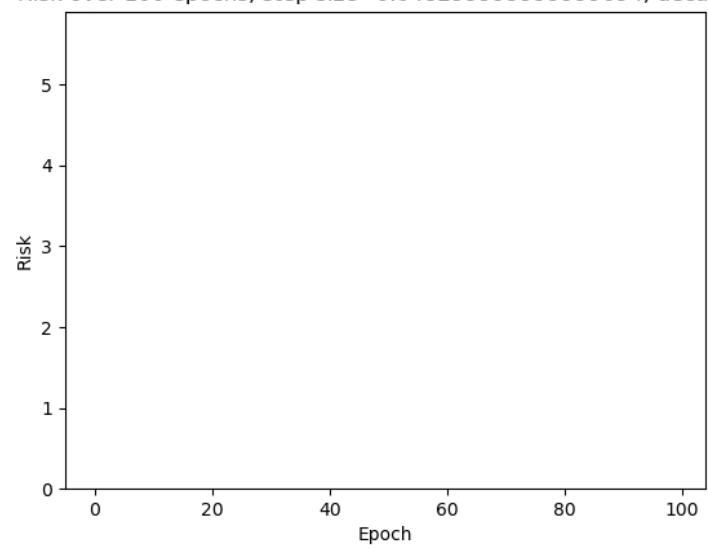
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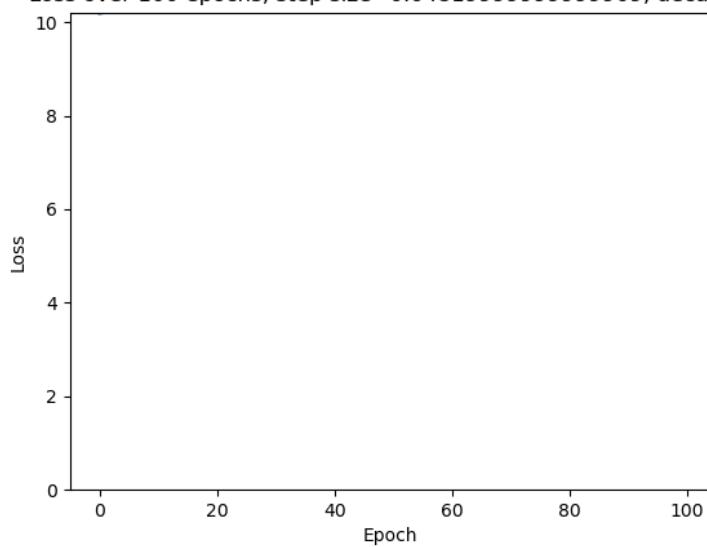
Loss over 100 epochs, step size=0.04829999999999094, decay=3



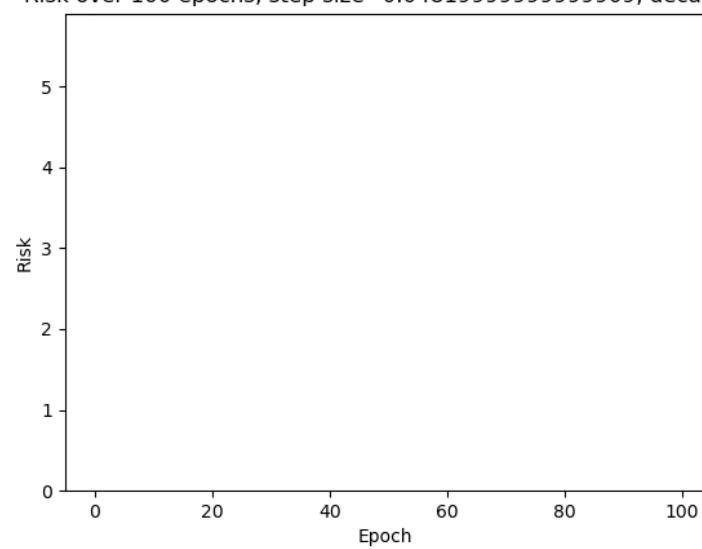
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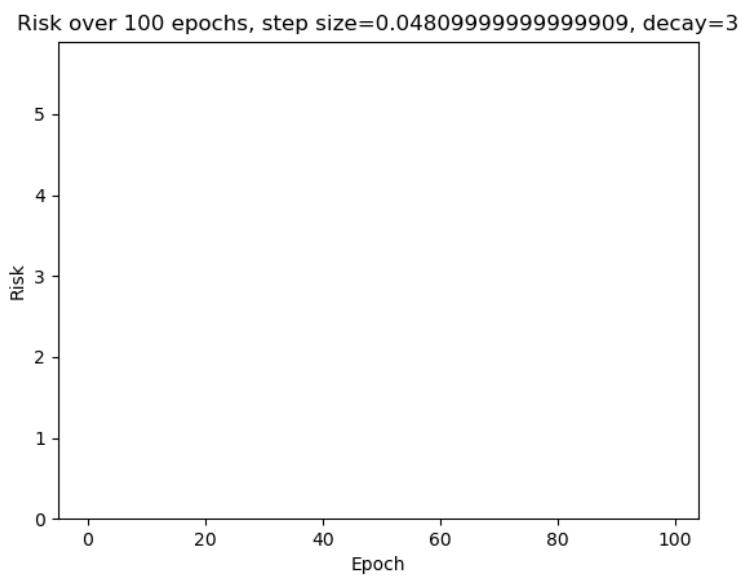
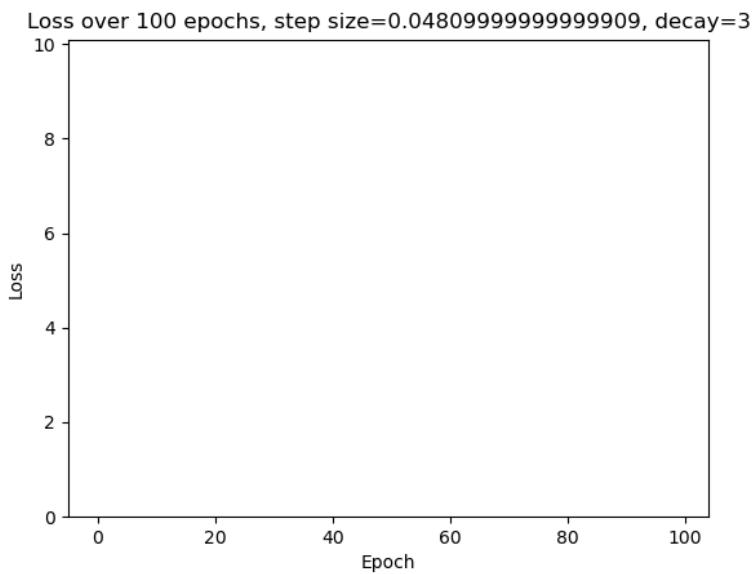


Loss over 100 epochs, step size=0.0481999999999909, decay=3

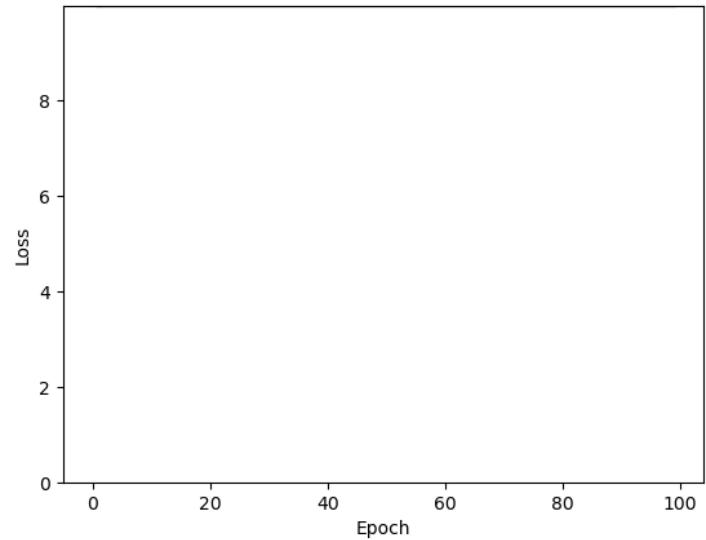


Risk over 100 epochs, step size=0.0481999999999909, decay=3

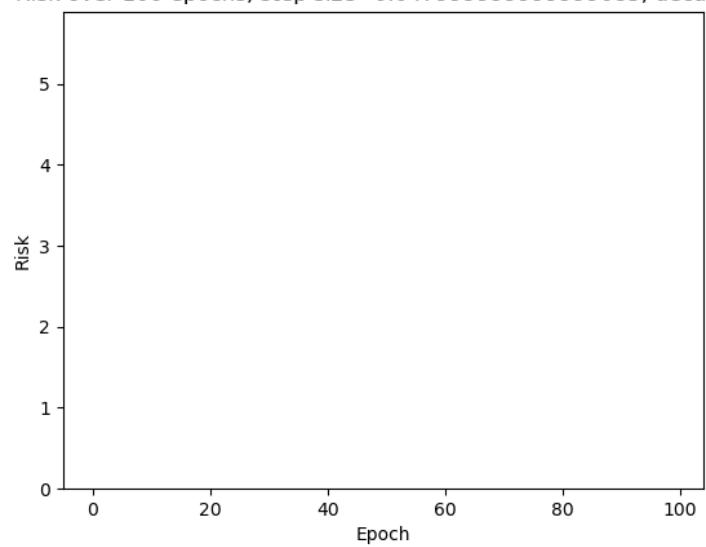




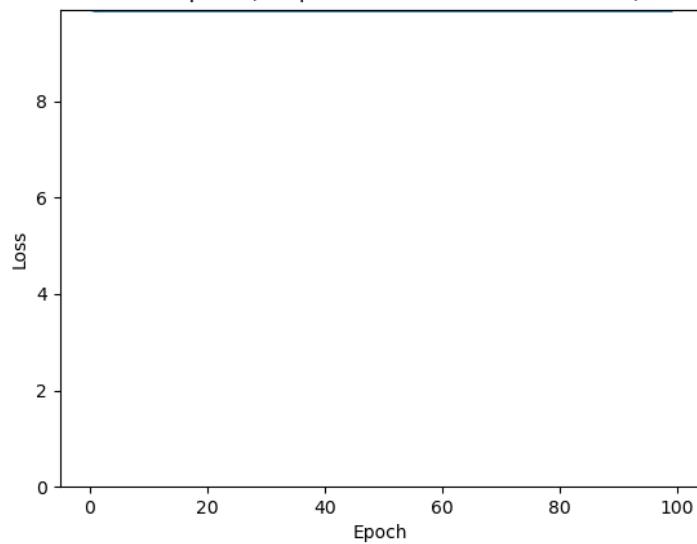
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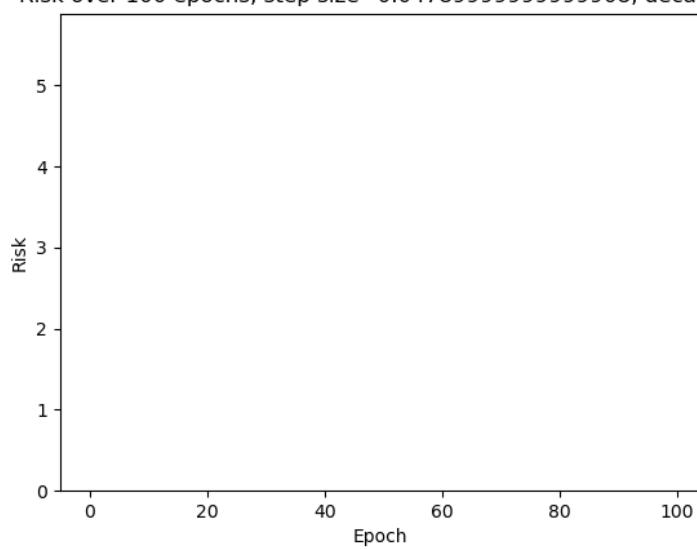
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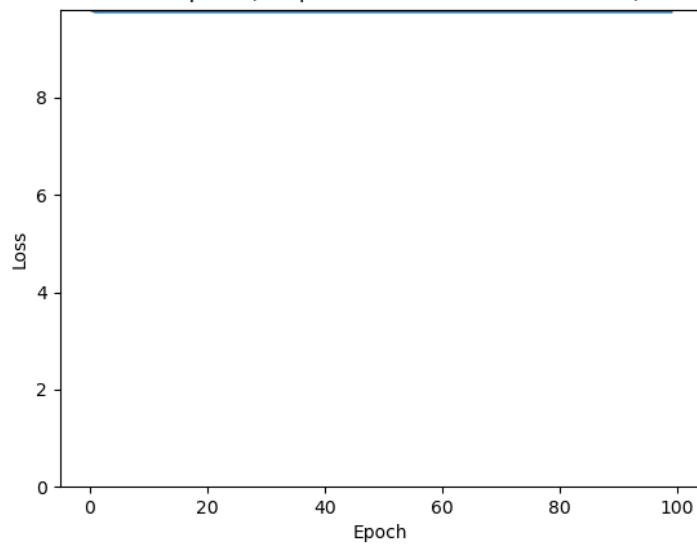
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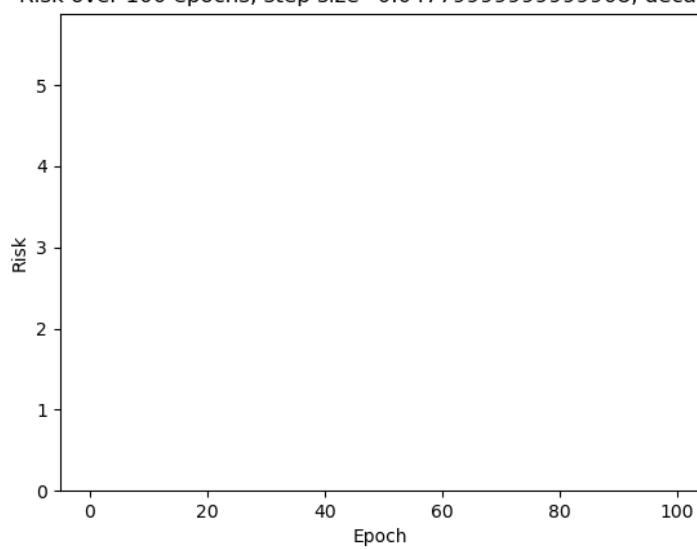
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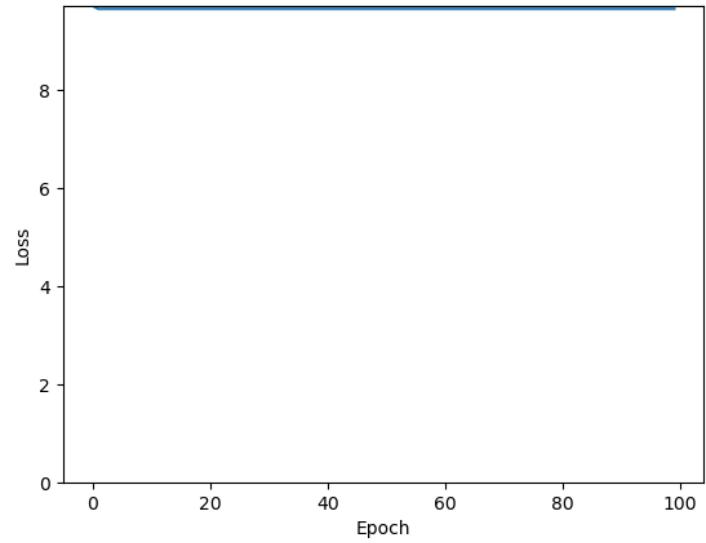
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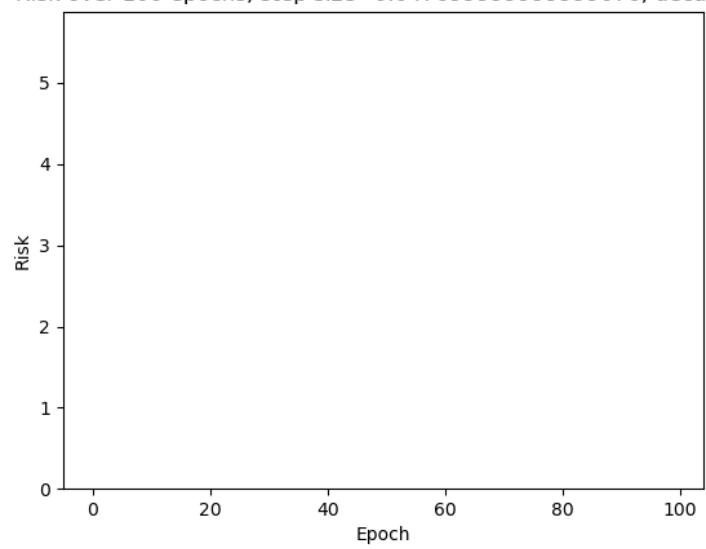
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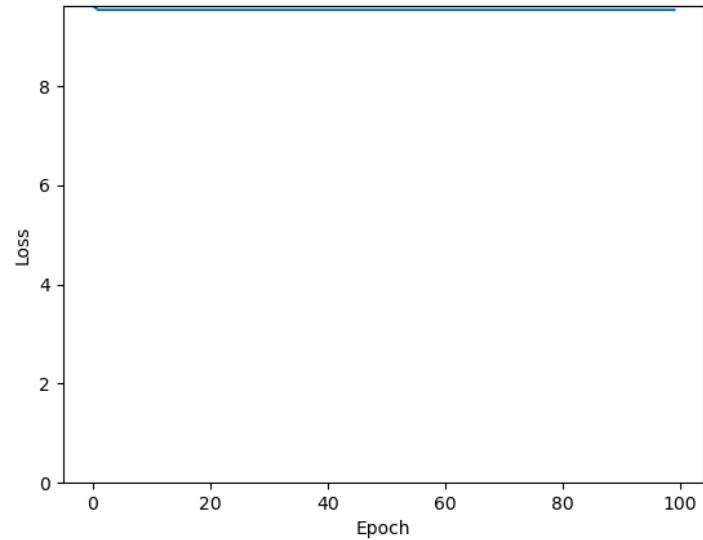
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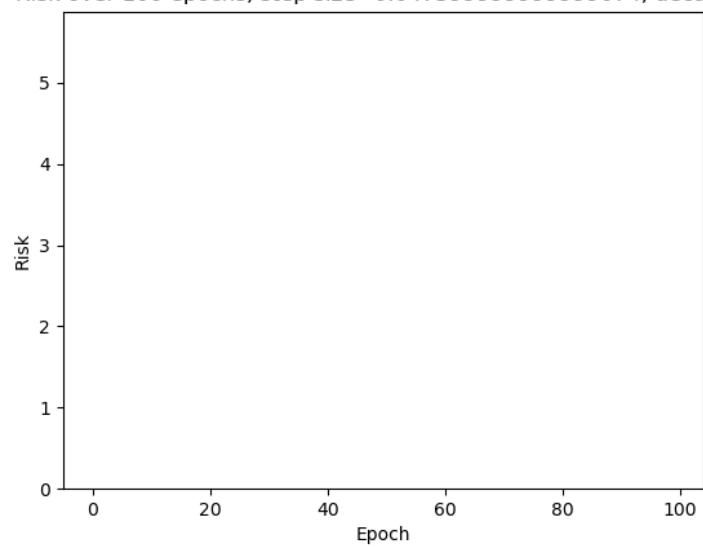
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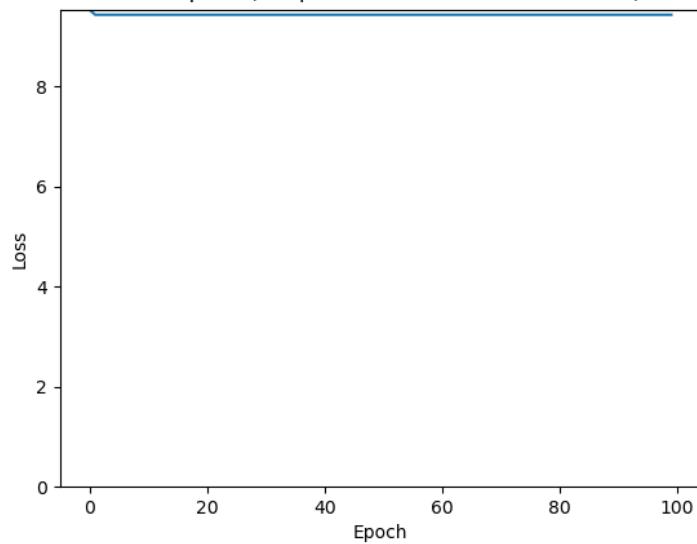
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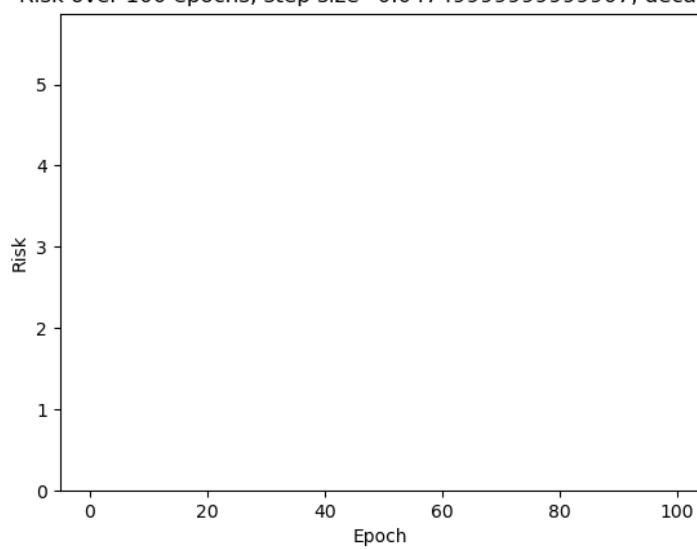
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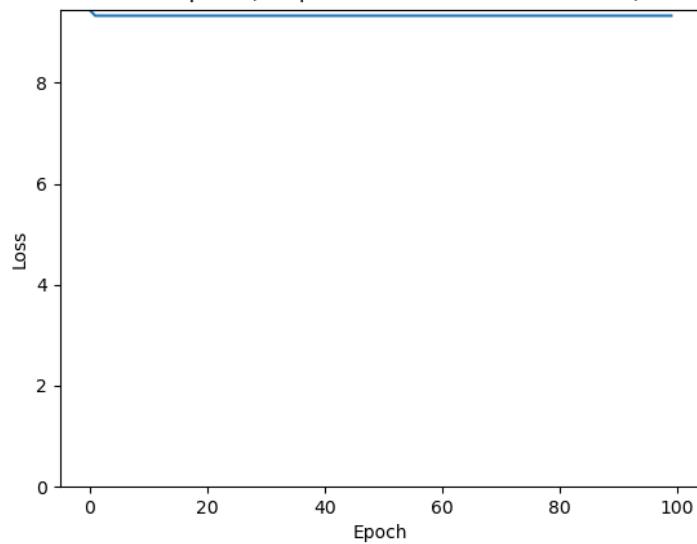
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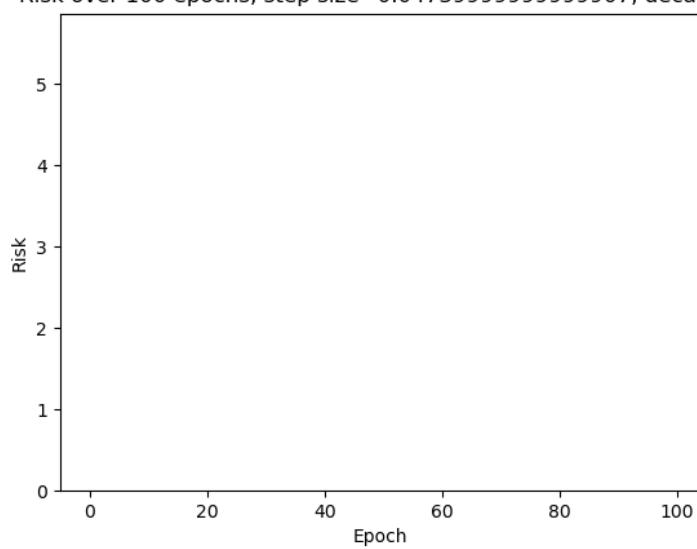
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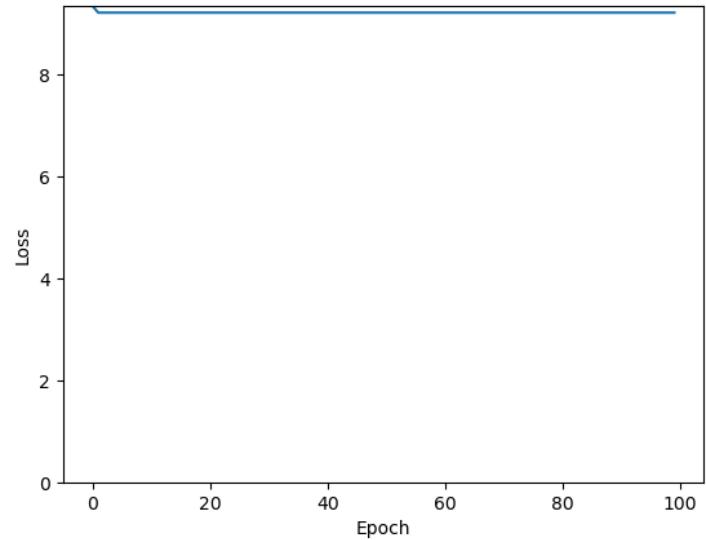
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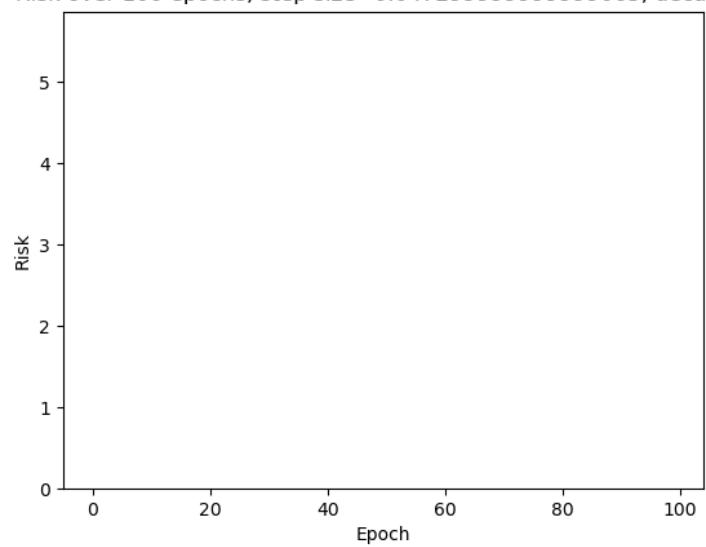
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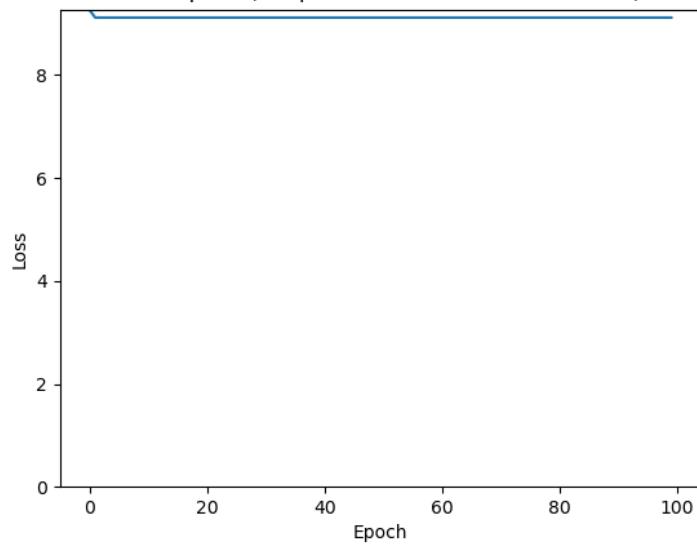
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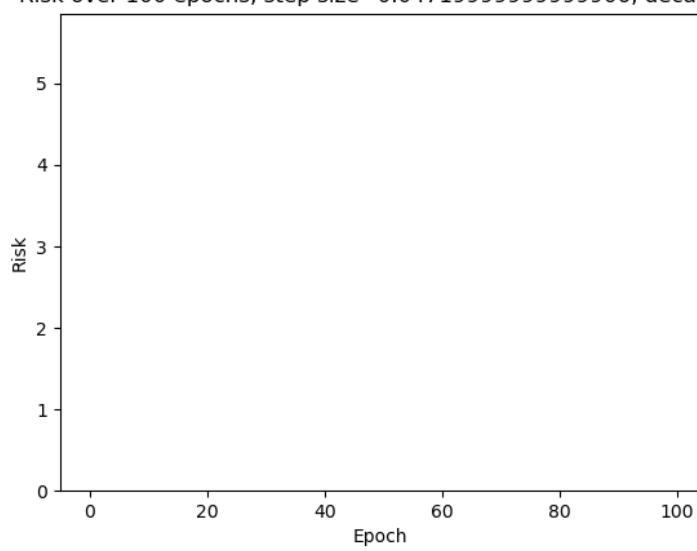
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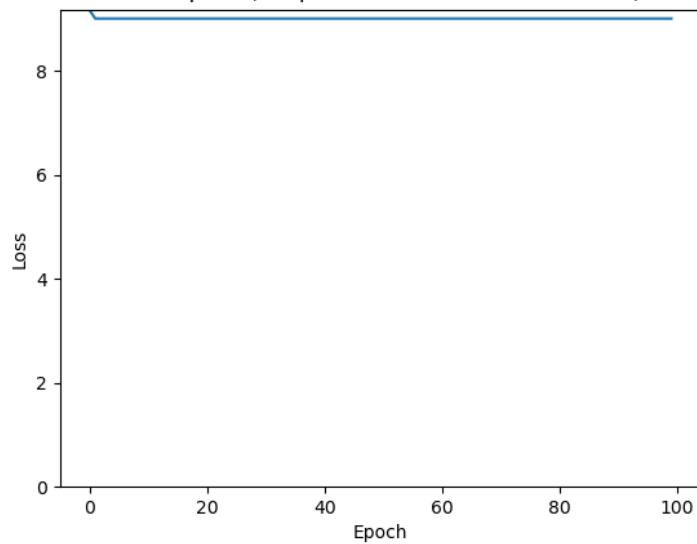
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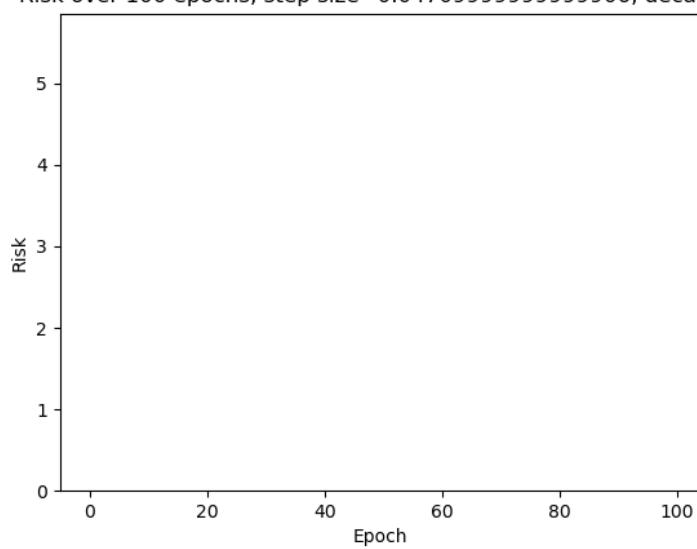
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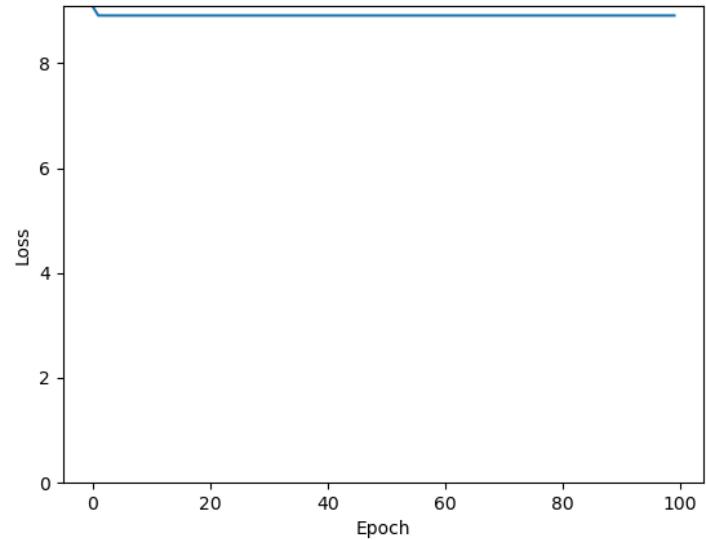
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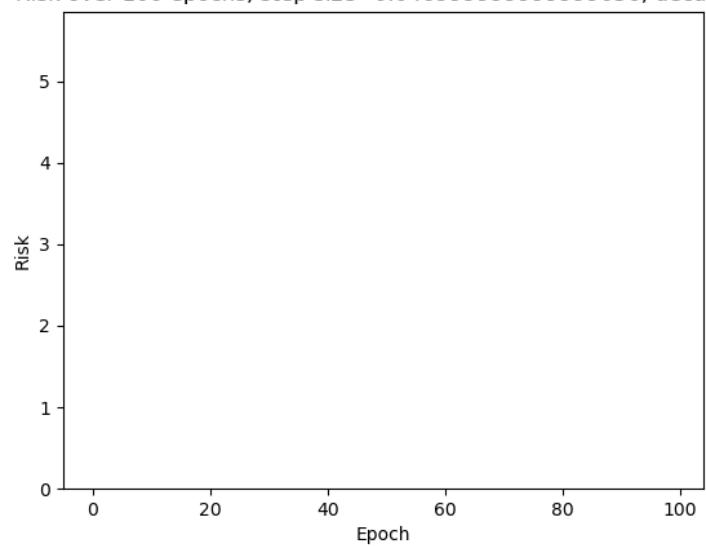
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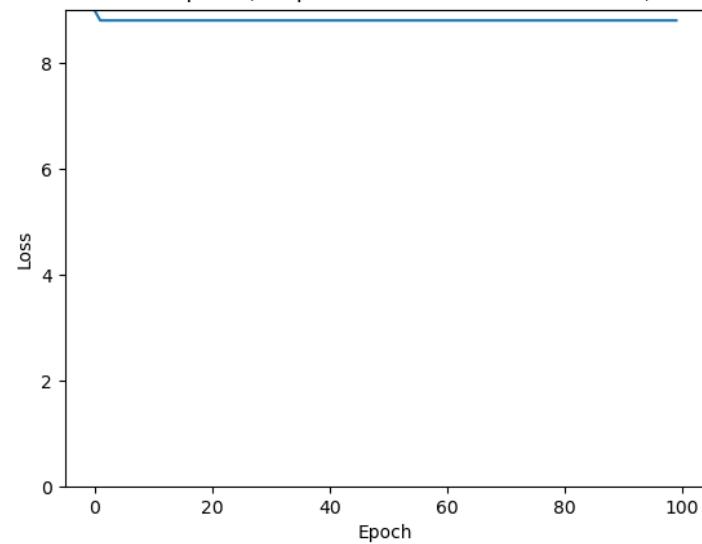
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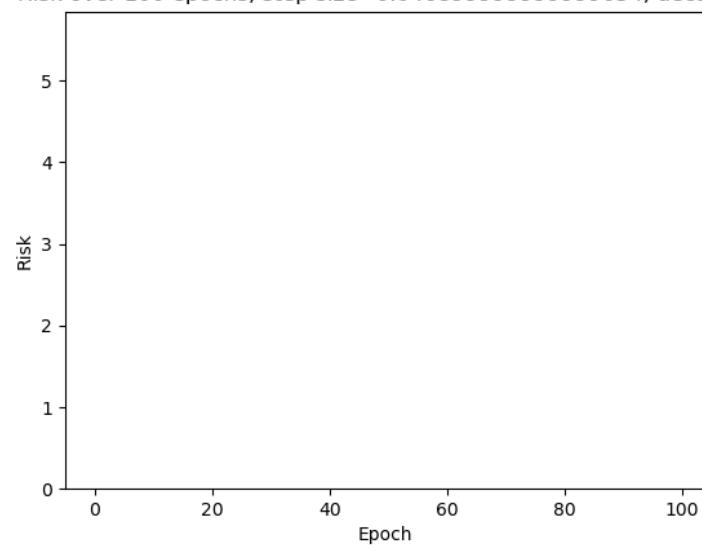
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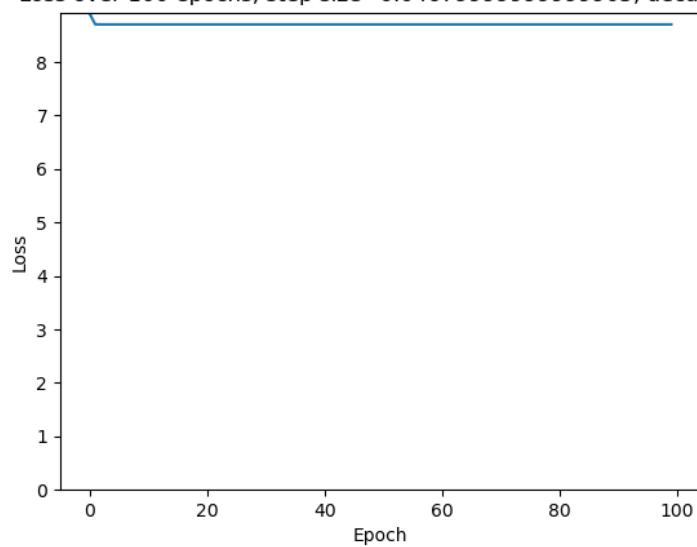
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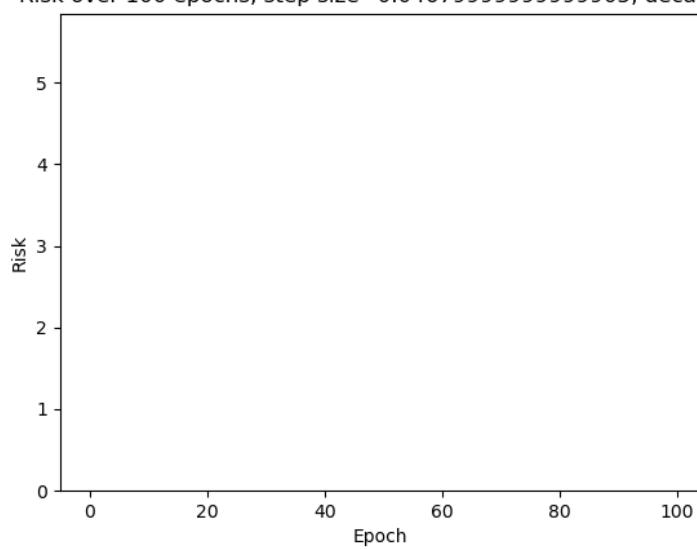
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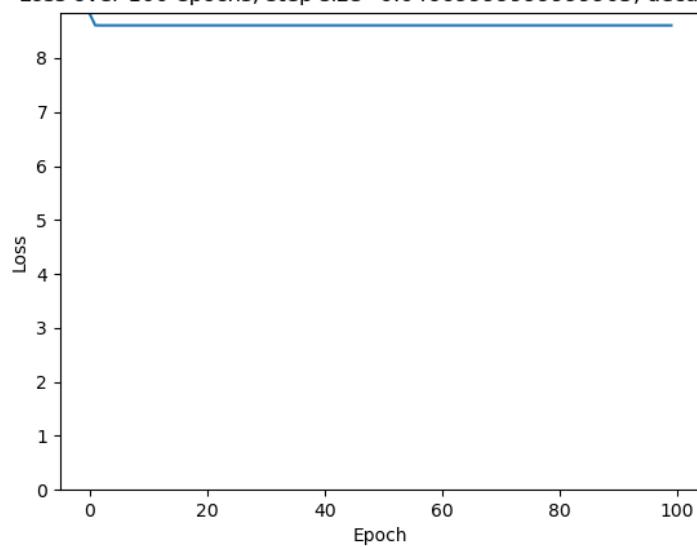
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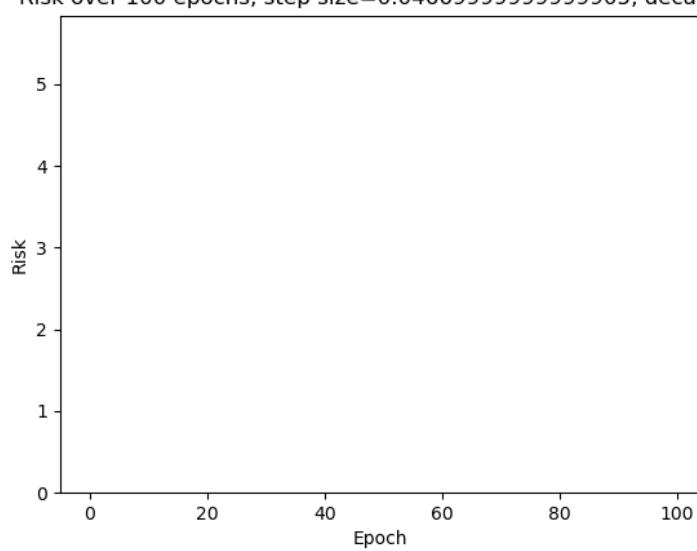
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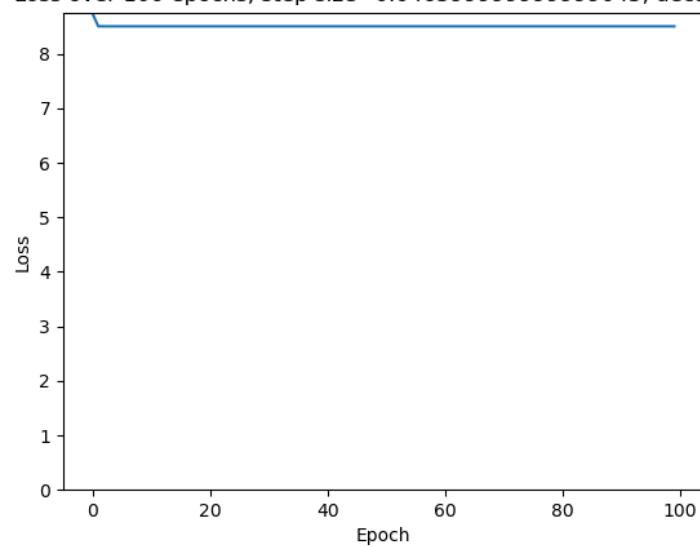
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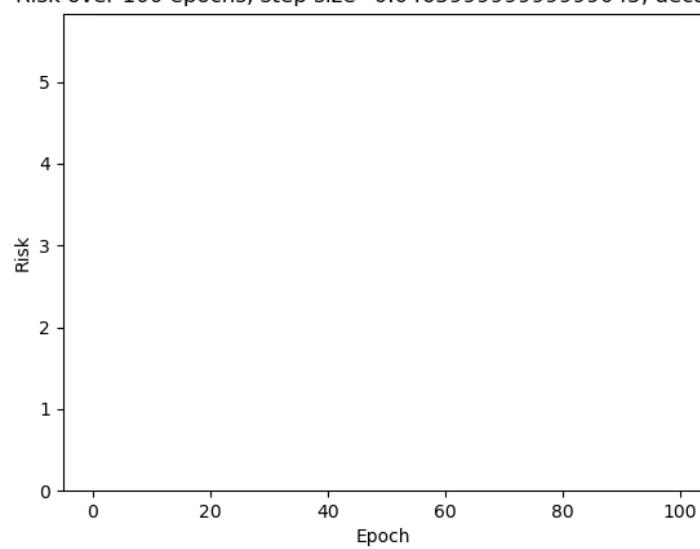
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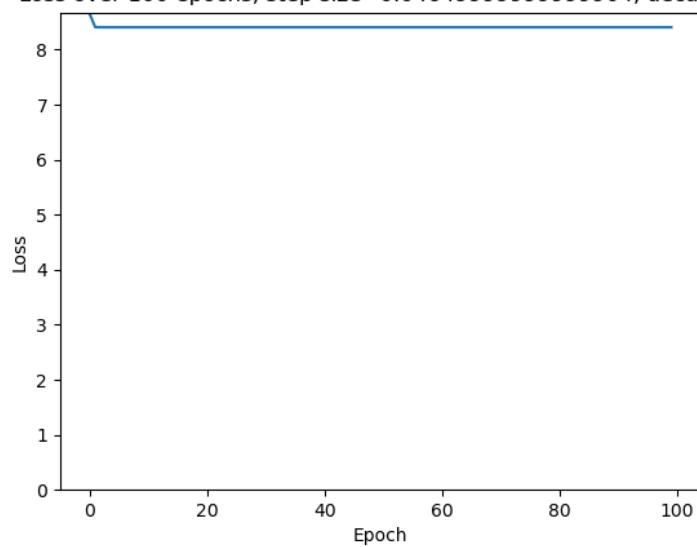
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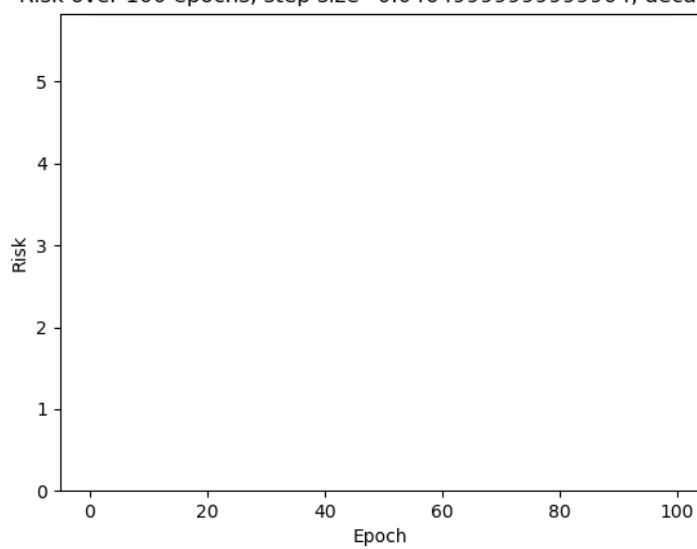
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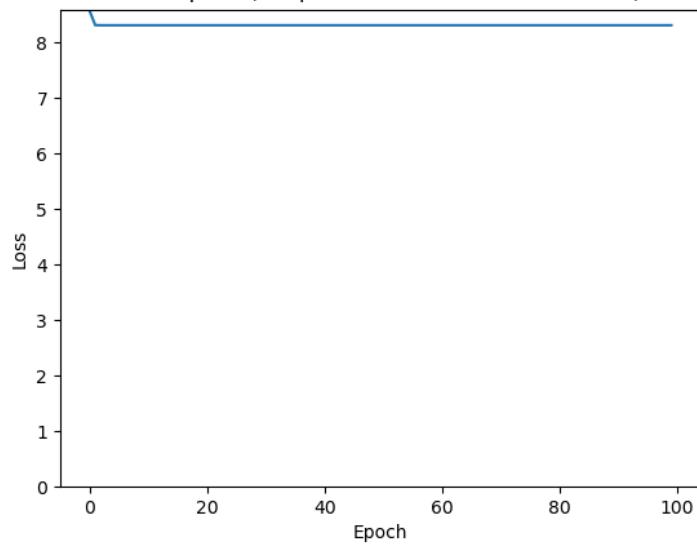
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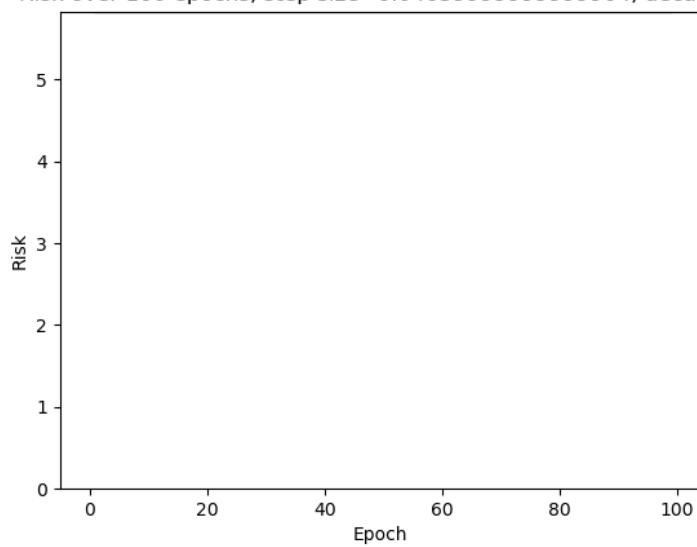
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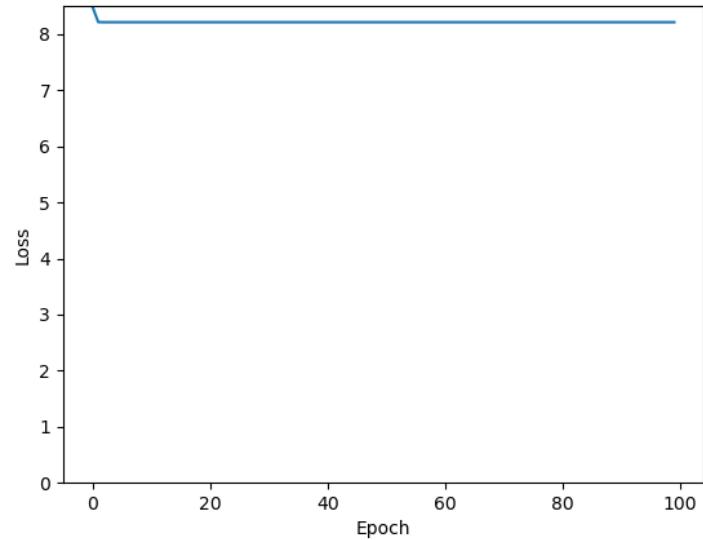
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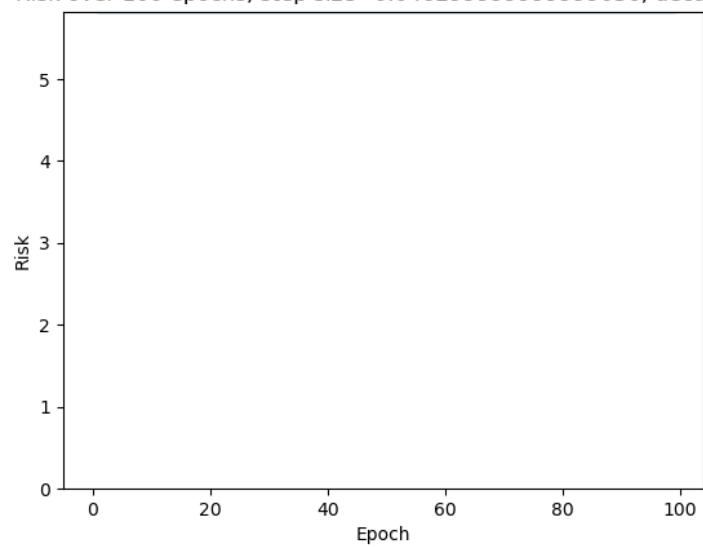
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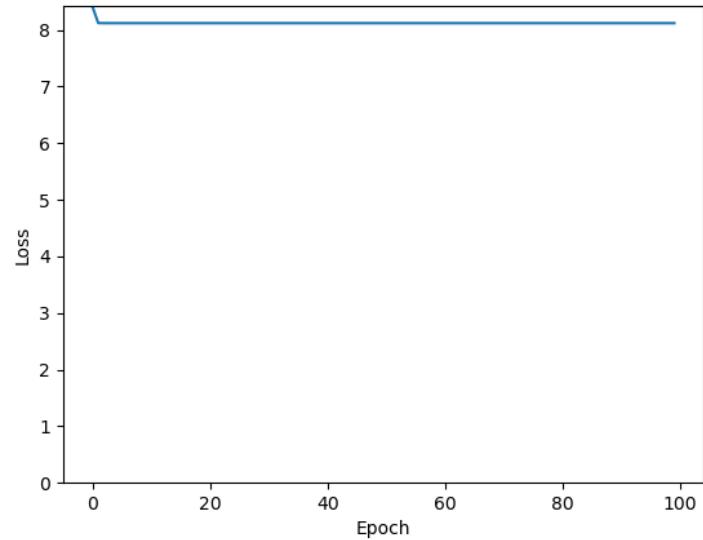
Loss over 100 epochs, step size=0.04629999999999036, decay=3



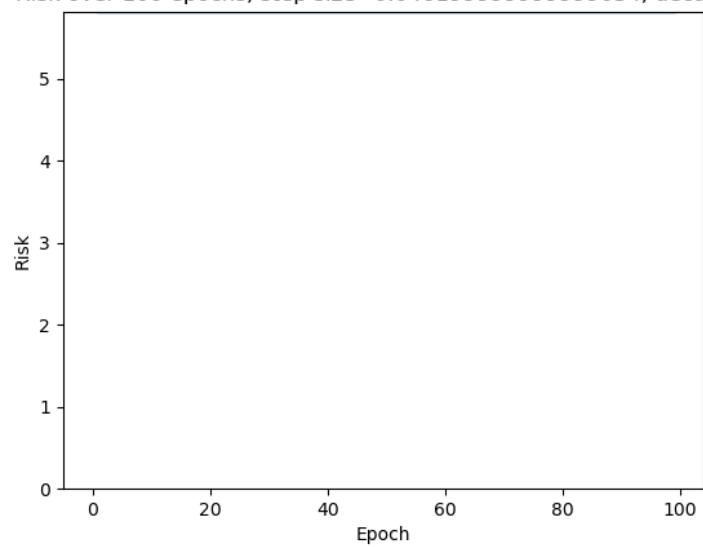
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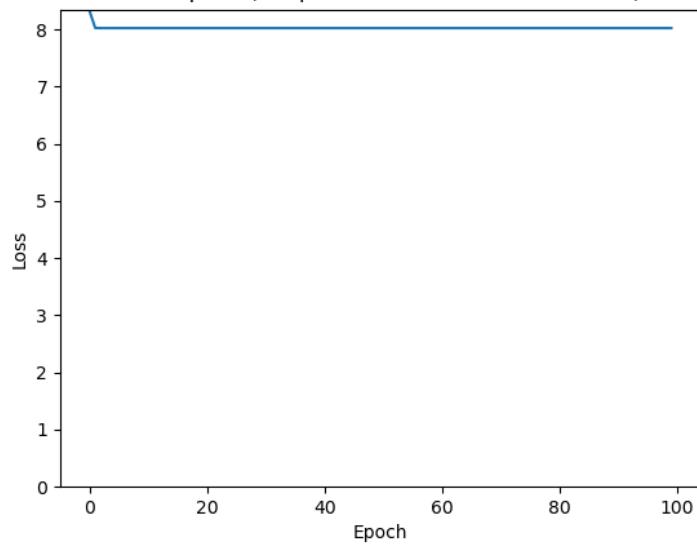
Loss over 100 epochs, step size=0.04619999999999034, decay=3



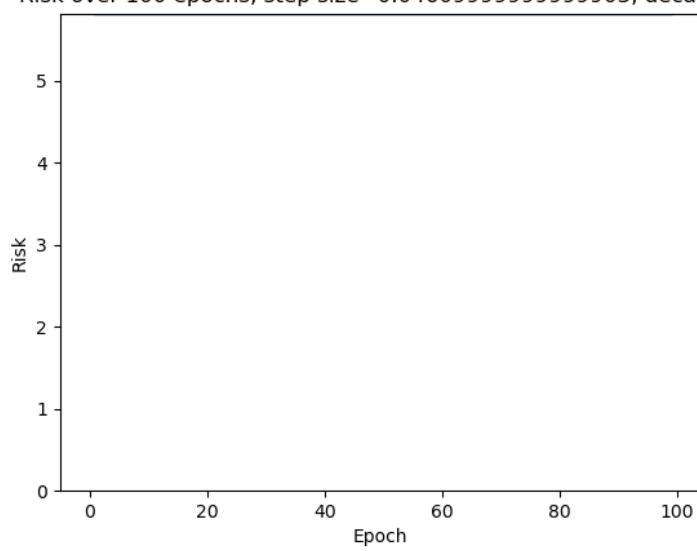
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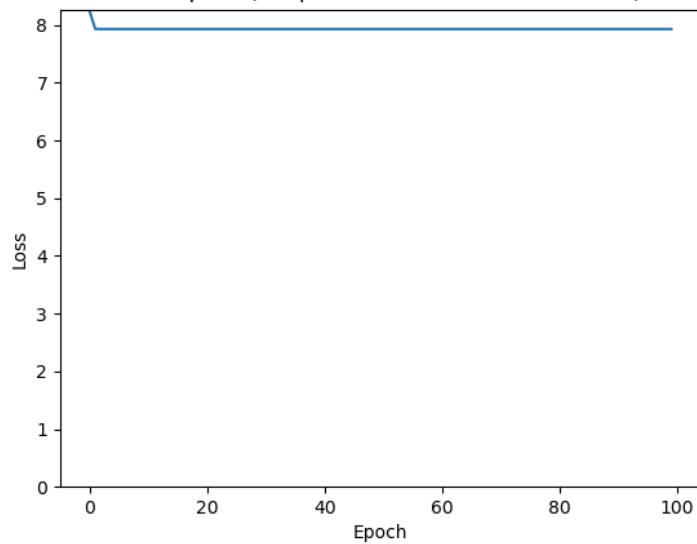
Loss over 100 epochs, step size=0.0460999999999903, decay=3



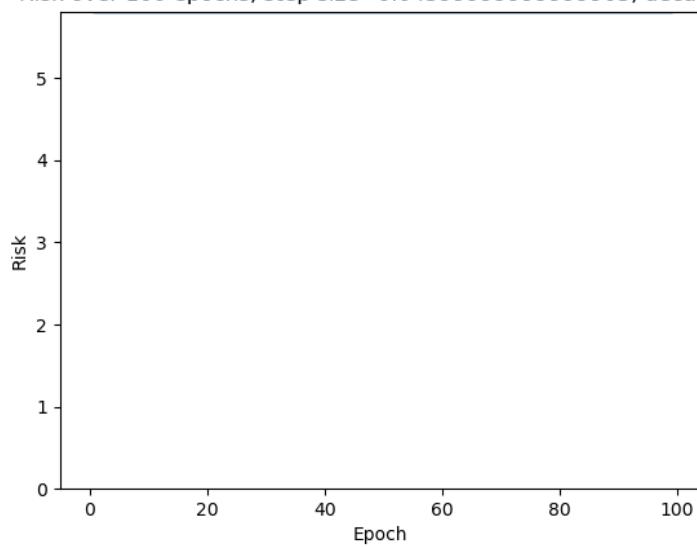
Risk over 100 epochs, step size=0.0460999999999903, decay=3



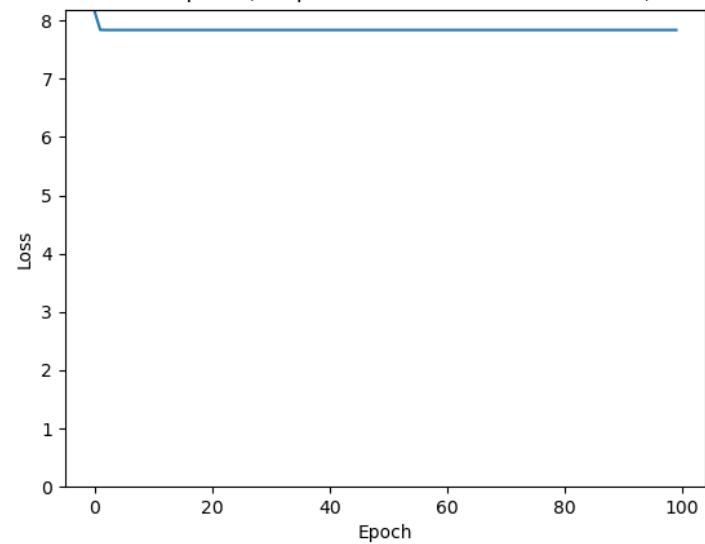
Loss over 100 epochs, step size=0.0459999999999903, decay=3



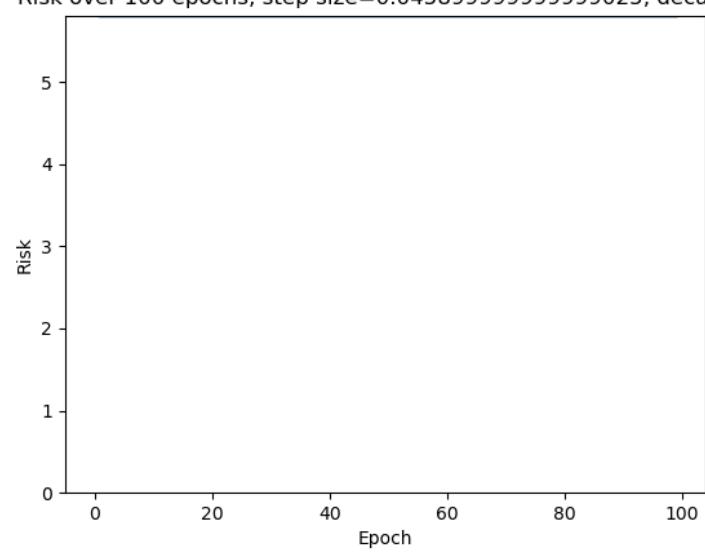
Risk over 100 epochs, step size=0.0459999999999903, decay=3



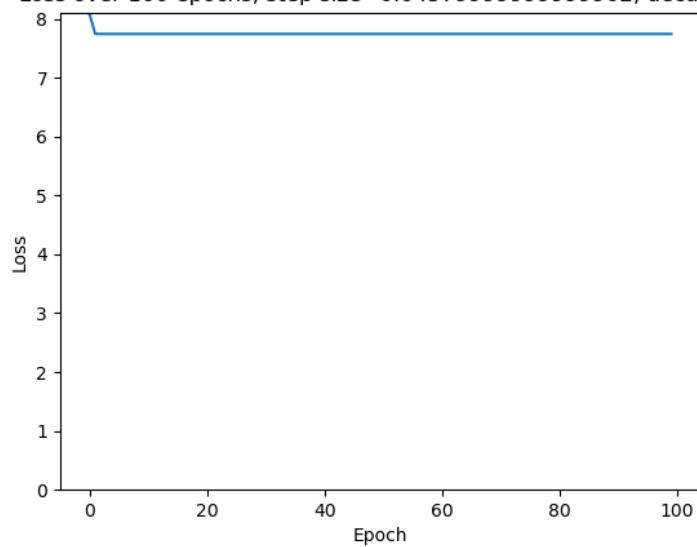
Loss over 100 epochs, step size=0.04589999999999025, decay=3



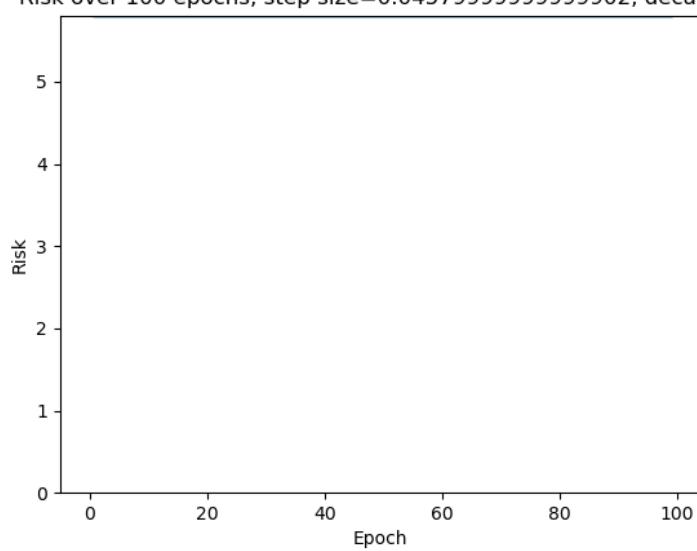
Risk over 100 epochs, step size=0.04589999999999025, decay=3

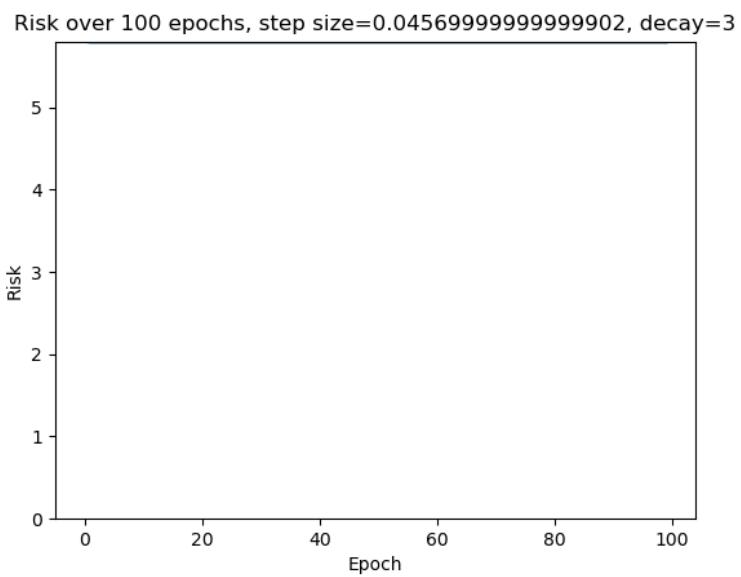
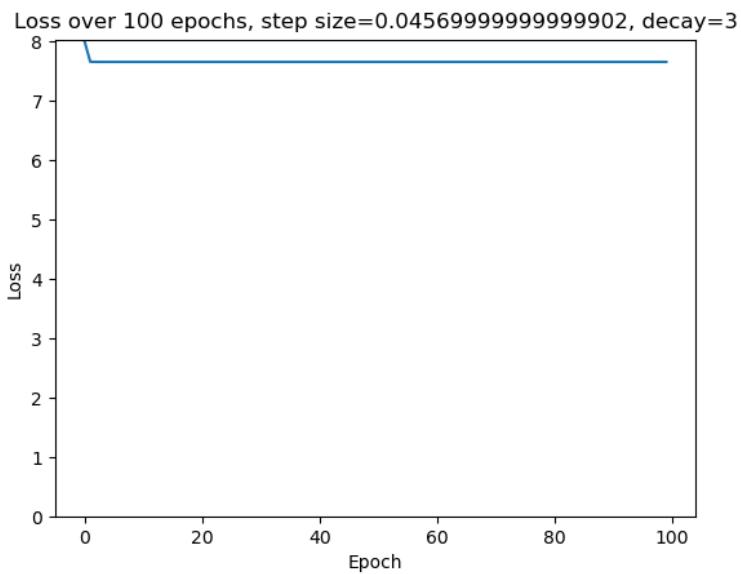


Loss over 100 epochs, step size=0.0457999999999902, decay=3

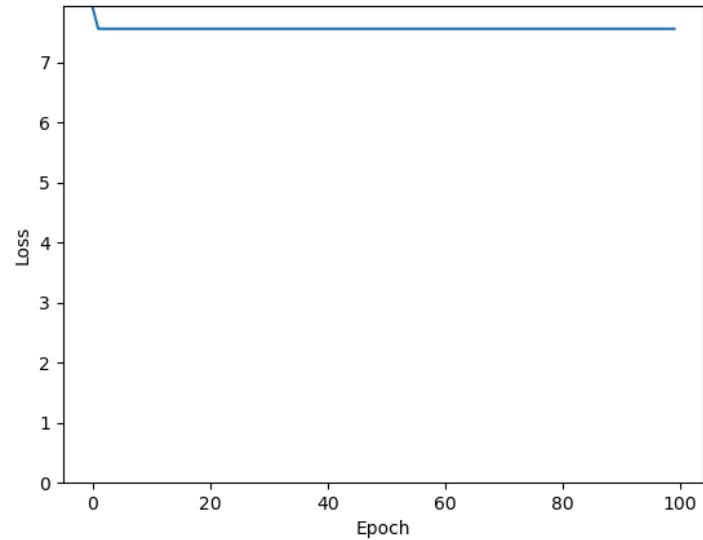


Risk over 100 epochs, step size=0.0457999999999902, decay=3

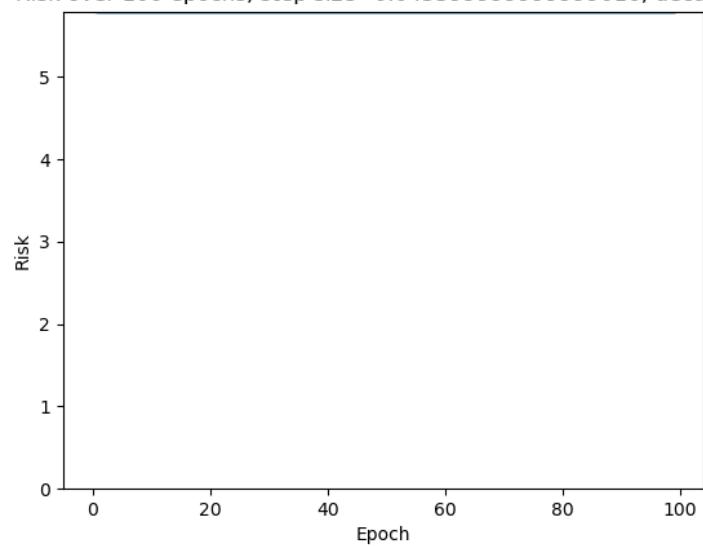




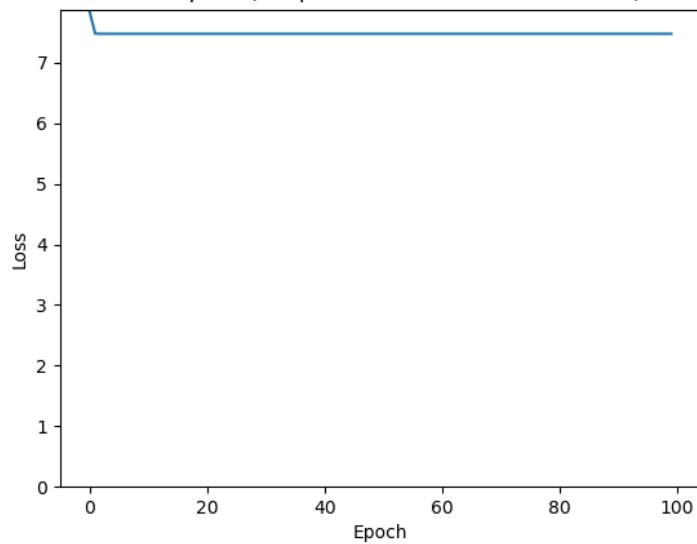
Loss over 100 epochs, step size=0.04559999999999016, decay=3



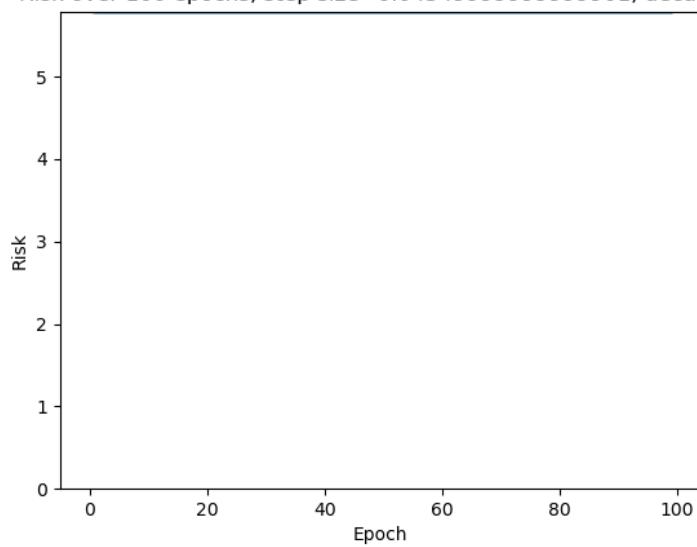
Risk over 100 epochs, step size=0.04559999999999016, decay=3



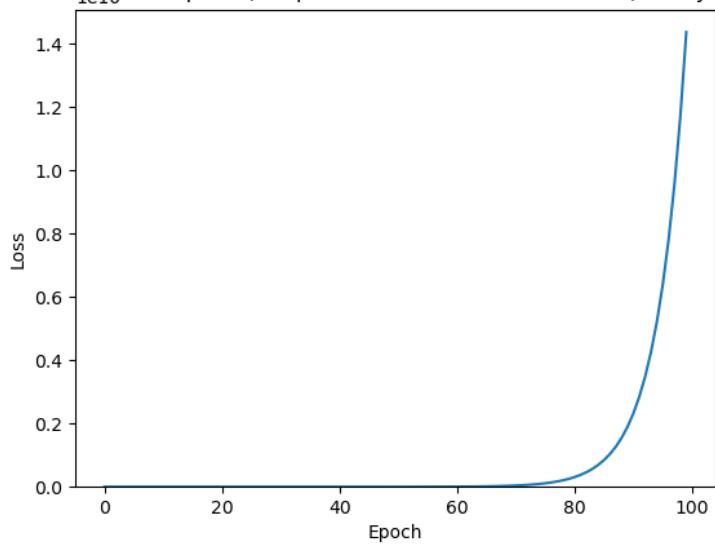
Loss over 100 epochs, step size=0.0454999999999901, decay=3



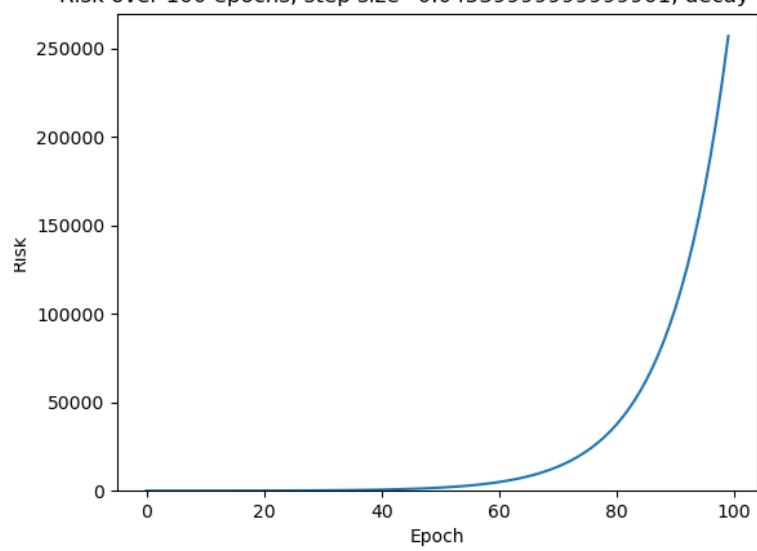
Risk over 100 epochs, step size=0.0454999999999901, decay=3



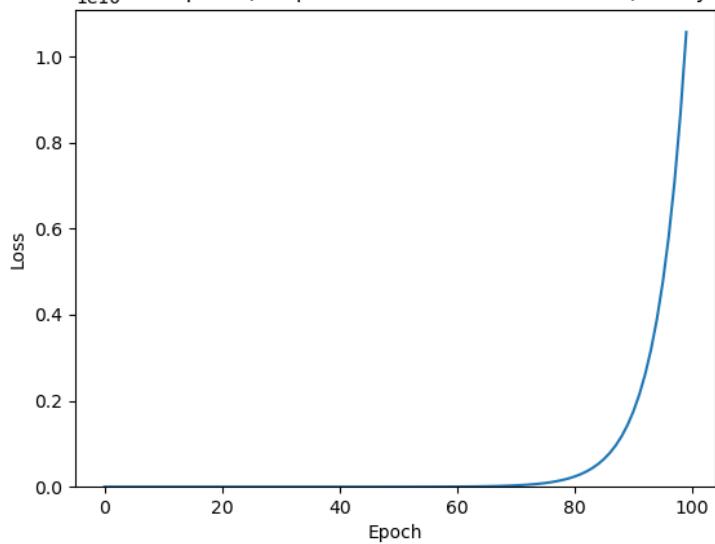
Loss over 100 epochs, step size=0.0453999999999901, decay=0.01



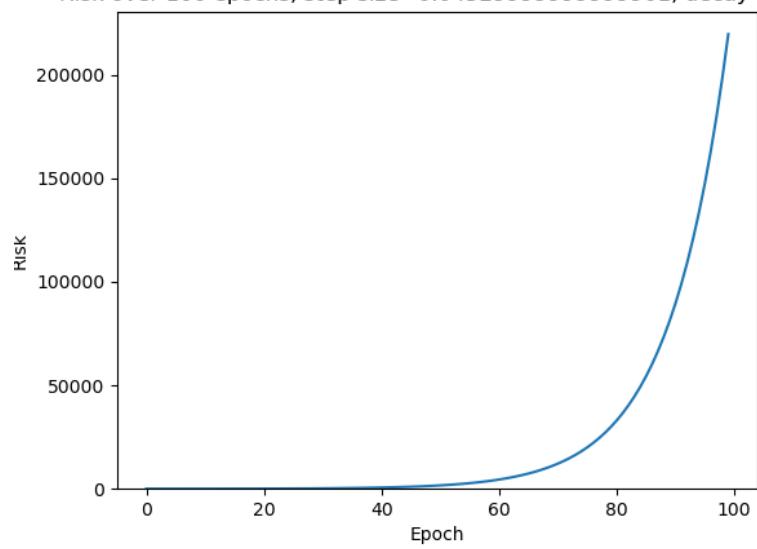
Risk over 100 epochs, step size=0.0453999999999901, decay=0.01



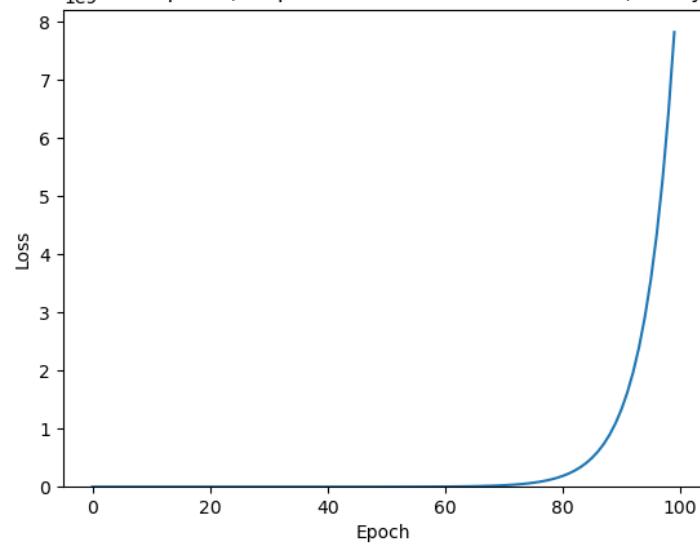
Loss over 100 epochs, step size=0.0452999999999901, decay=0.01



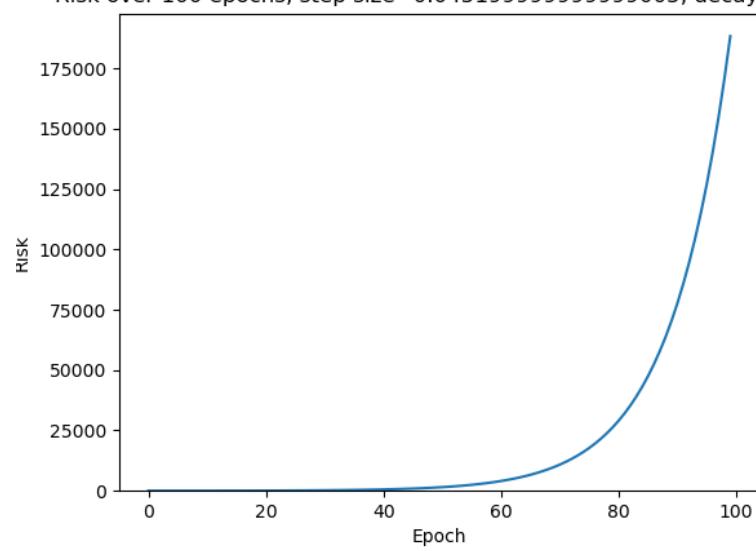
Risk over 100 epochs, step size=0.0452999999999901, decay=0.01



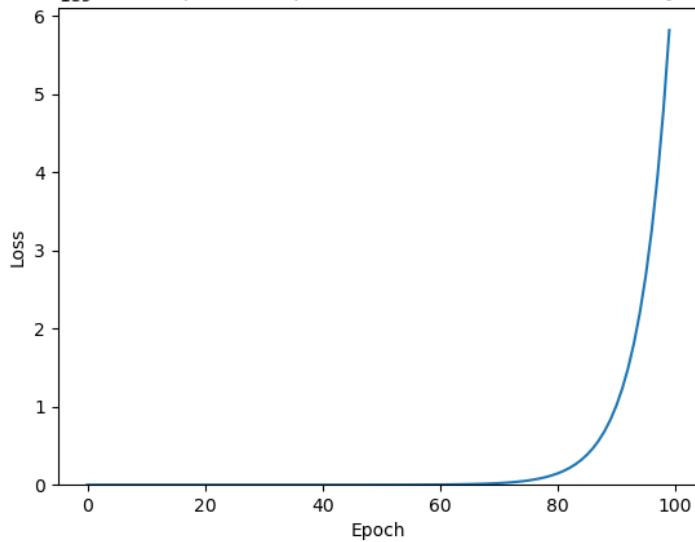
Loss over 100 epochs, step size=0.0451999999999005, decay=0.01



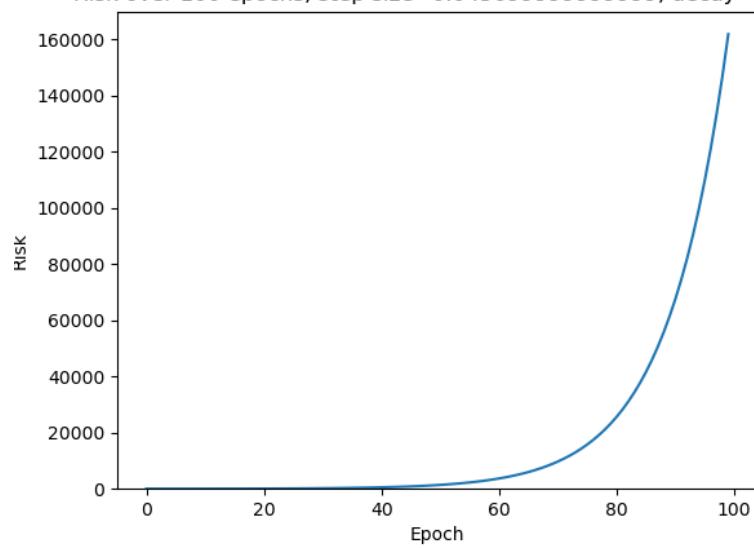
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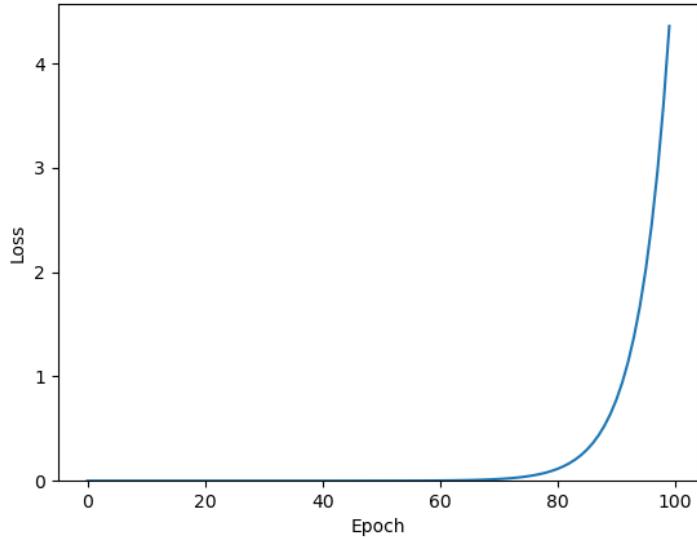
Loss over 100 epochs, step size=0.04509999999999, decay=0.01



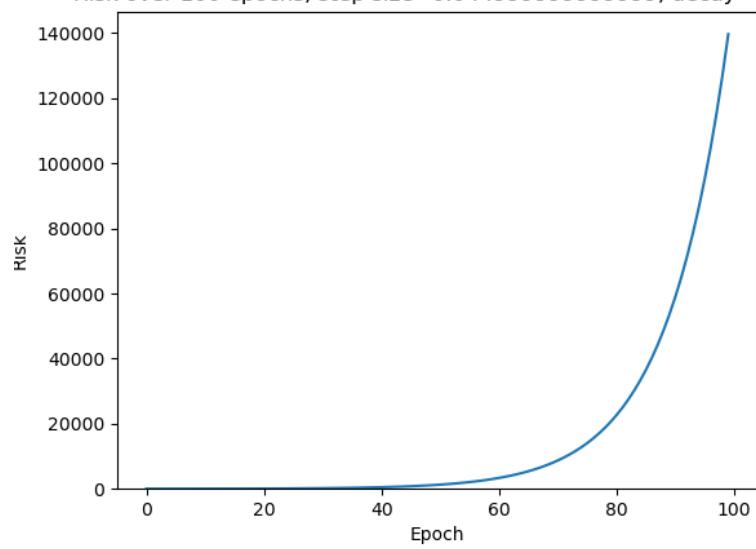
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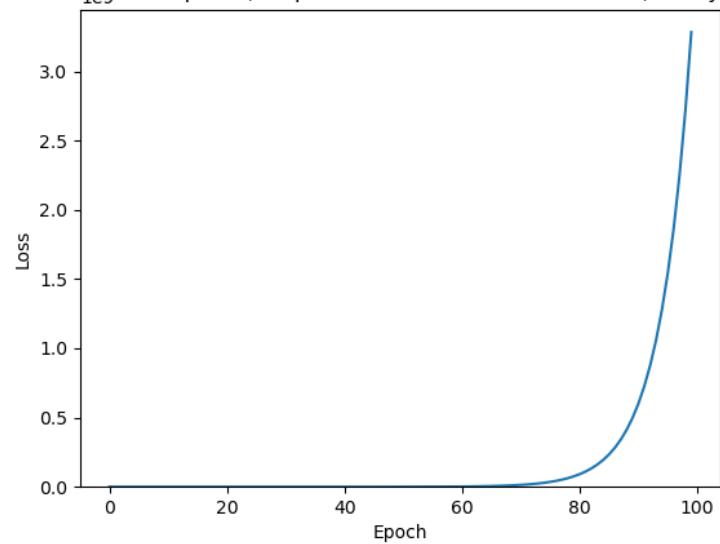
Loss over 100 epochs, step size=0.04499999999999, decay=0.01



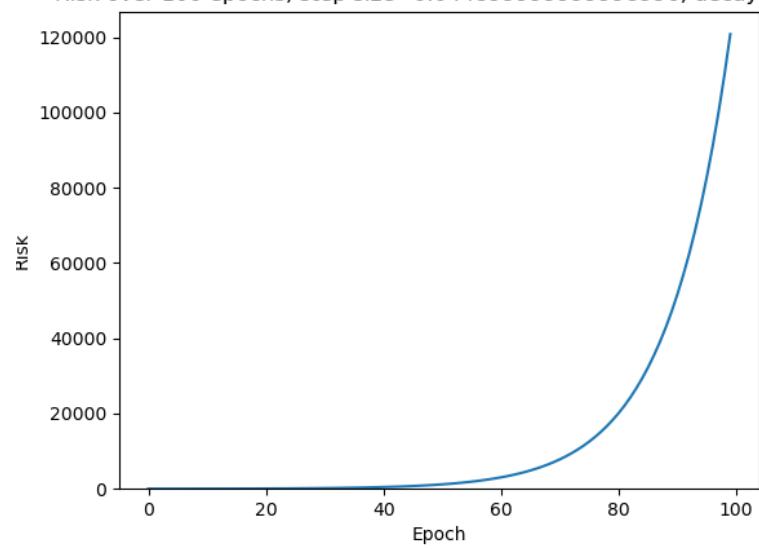
Risk over 100 epochs, step size=0.04499999999999, decay=0.01



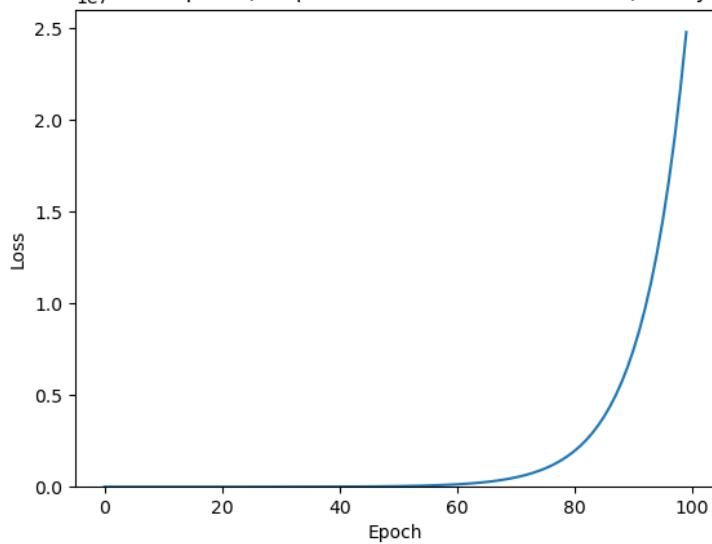
Loss over 100 epochs, step size=0.0448999999998996, decay=0.01



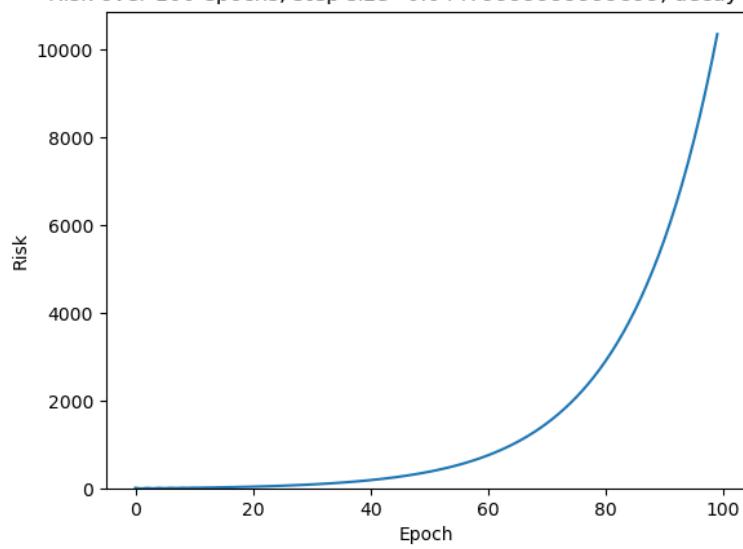
Risk over 100 epochs, step size=0.0448999999998996, decay=0.01

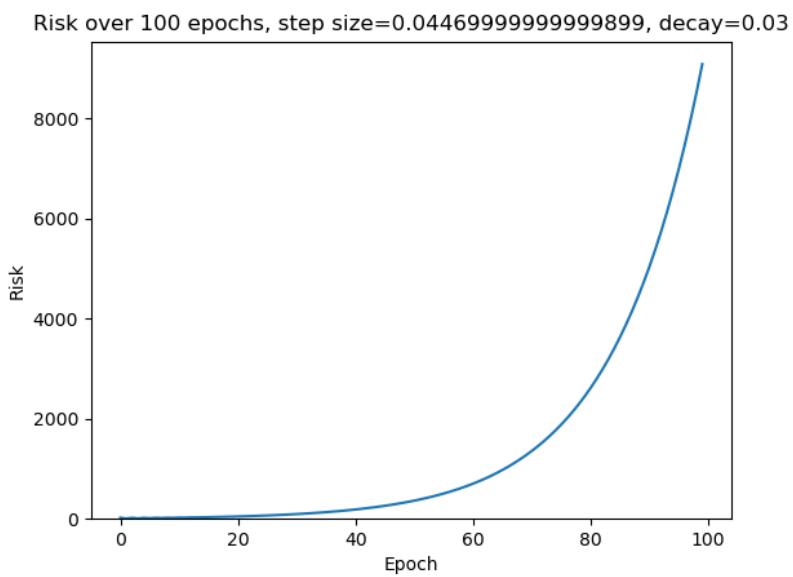
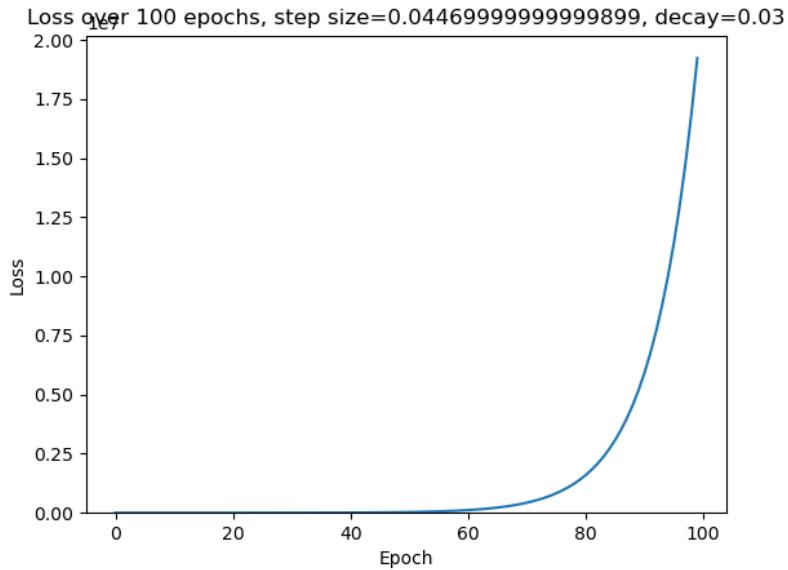


Loss over 100 epochs, step size=0.044799999999899, decay=0.03

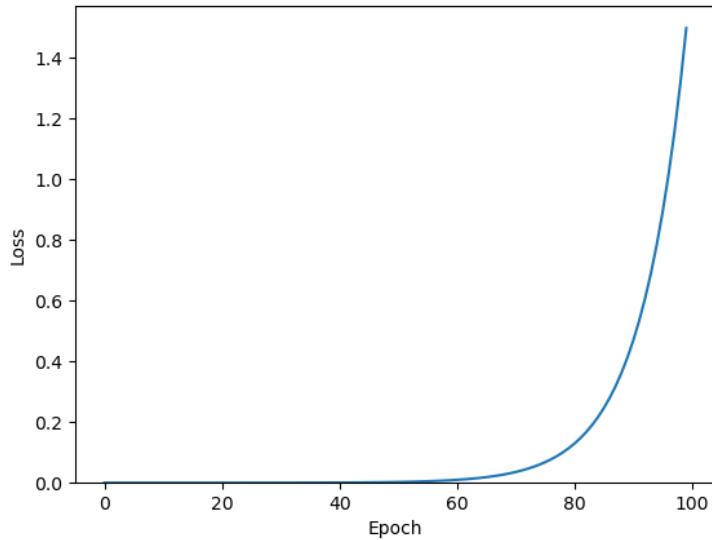


Risk over 100 epochs, step size=0.044799999999899, decay=0.03

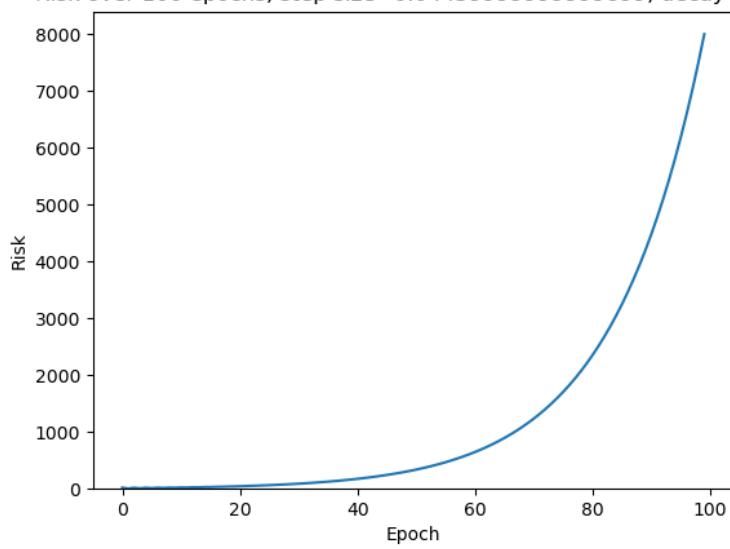




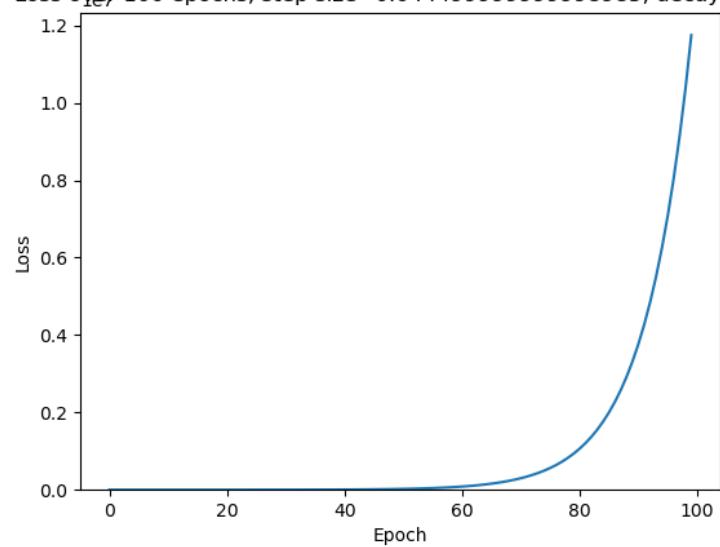
Loss over 100 epochs, step size=0.044599999999899, decay=0.03



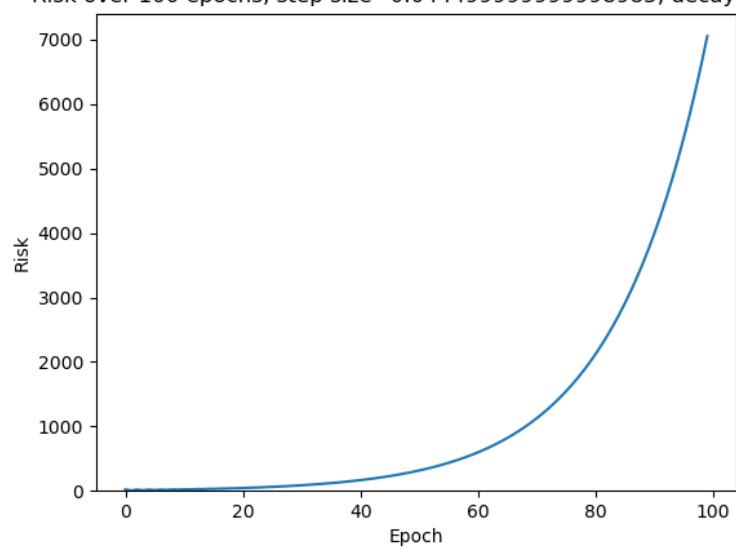
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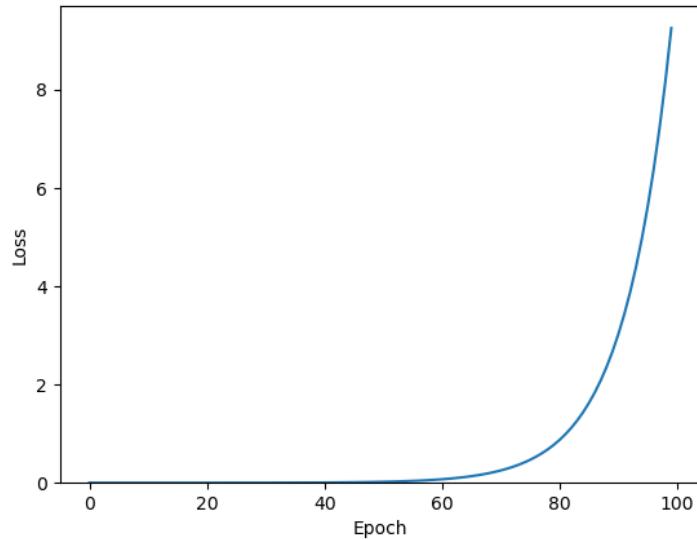
Loss over 100 epochs, step size=0.0444999999998985, decay=0.03



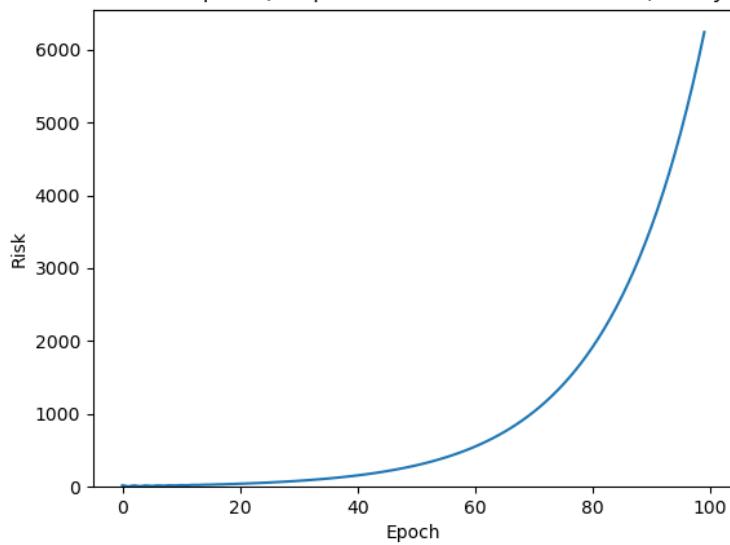
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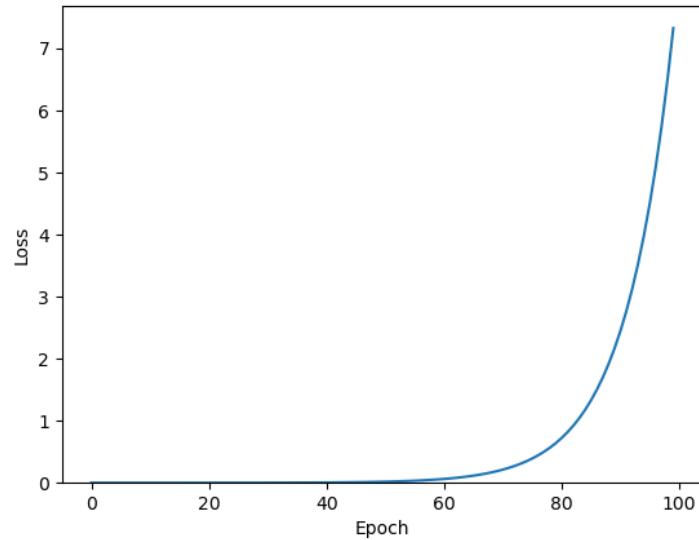
Loss over 100 epochs, step size=0.044399999999898, decay=0.03



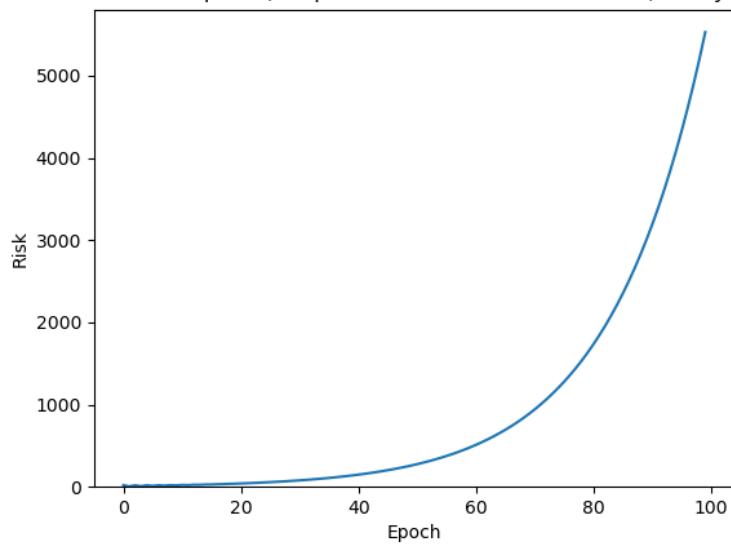
Risk over 100 epochs, step size=0.044399999999898, decay=0.03



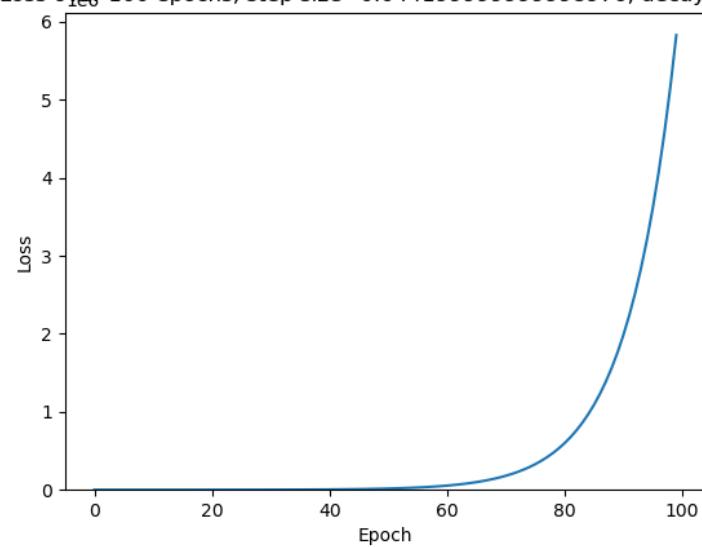
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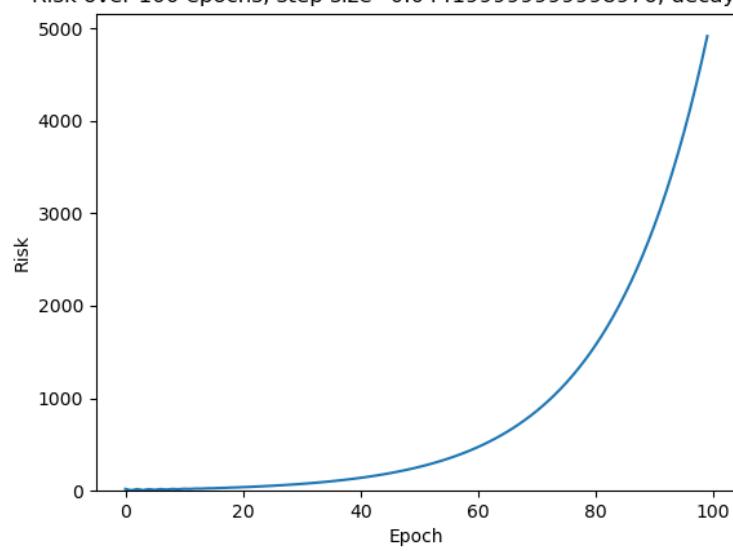
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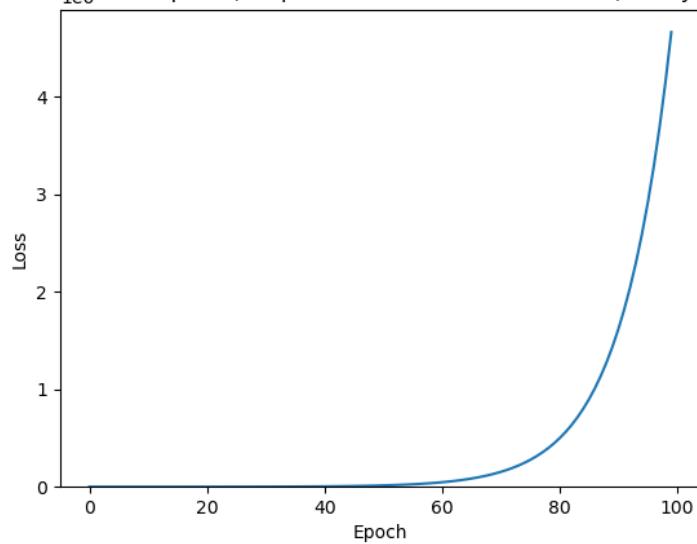
Loss over 100 epochs, step size=0.0441999999998976, decay=0.03



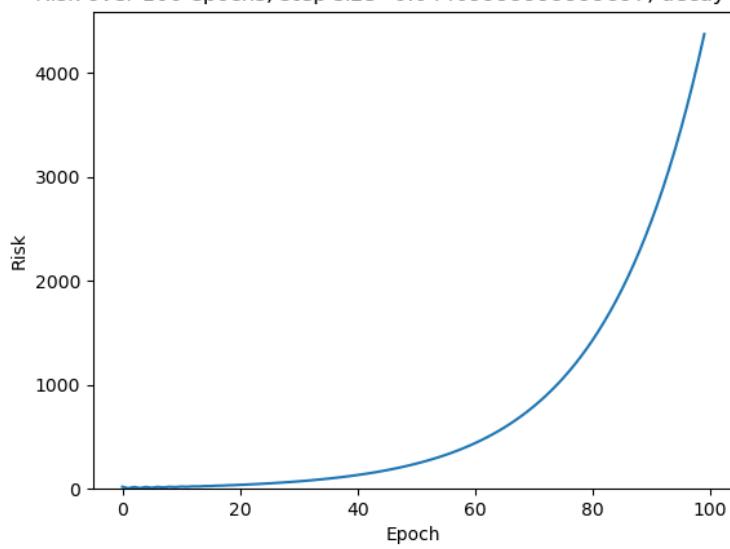
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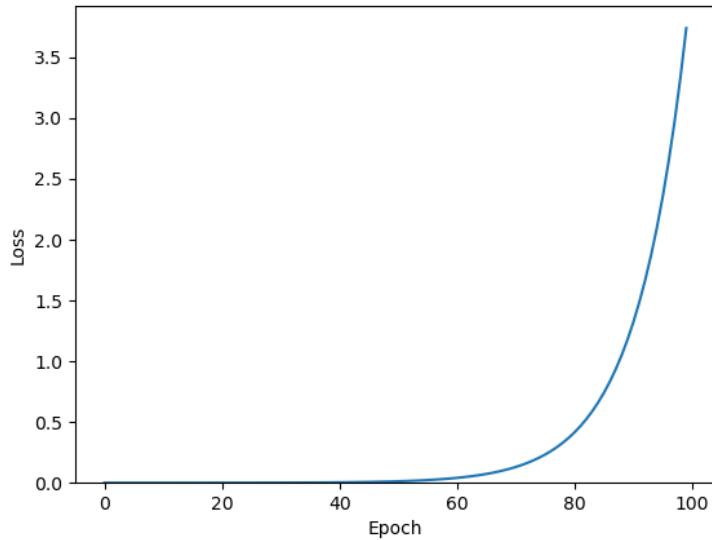
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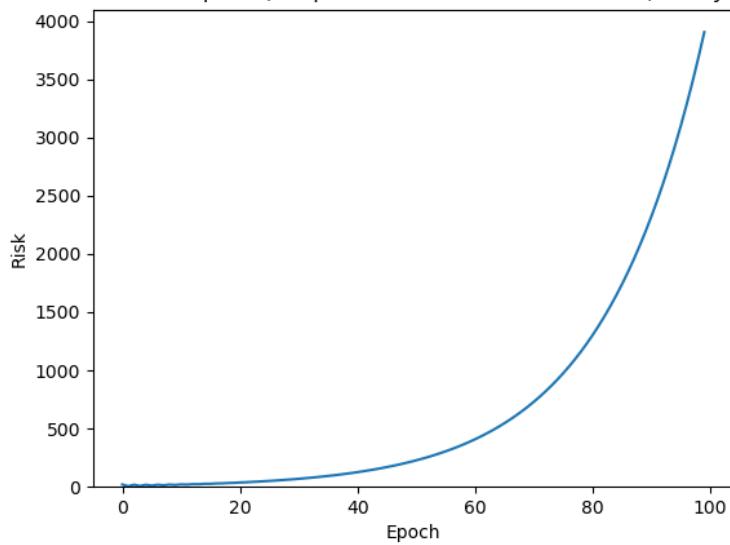
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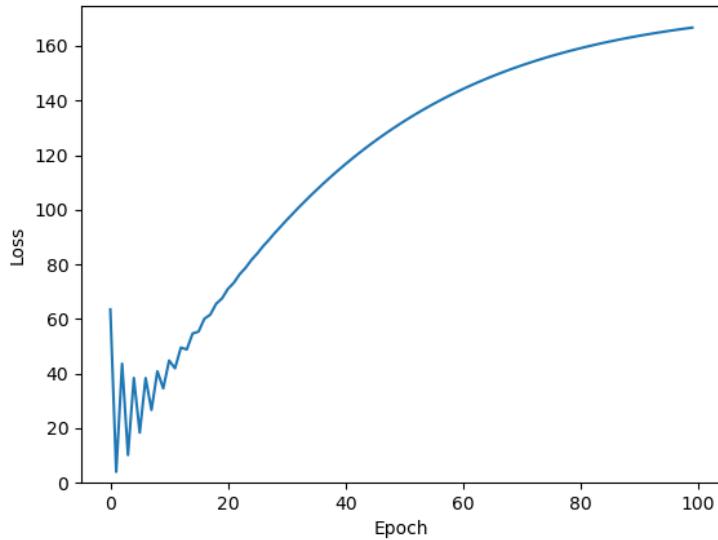
Loss over 100 epochs, step size=0.043999999999897, decay=0.03



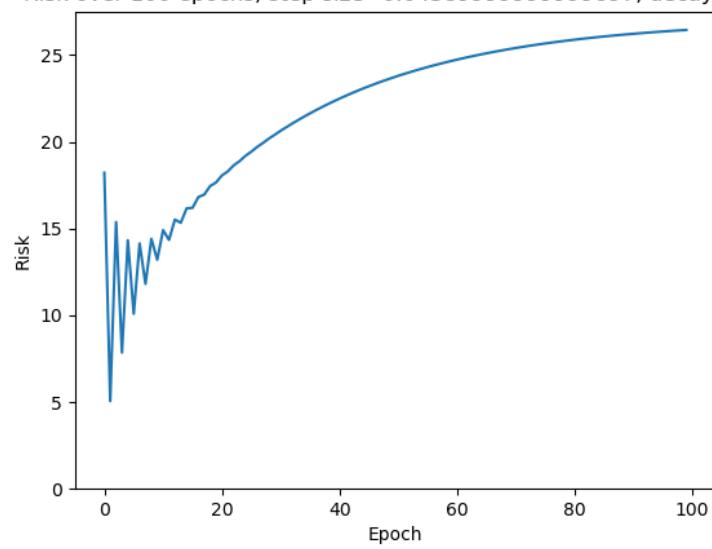
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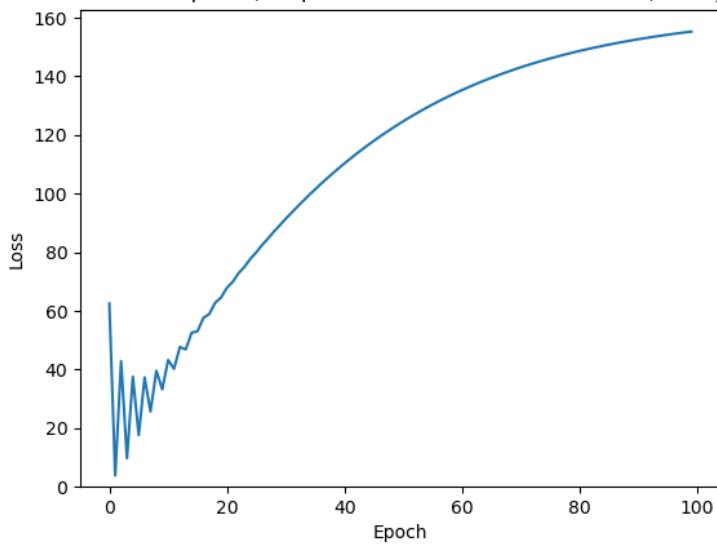
Loss over 100 epochs, step size=0.0438999999999897, decay=0.1



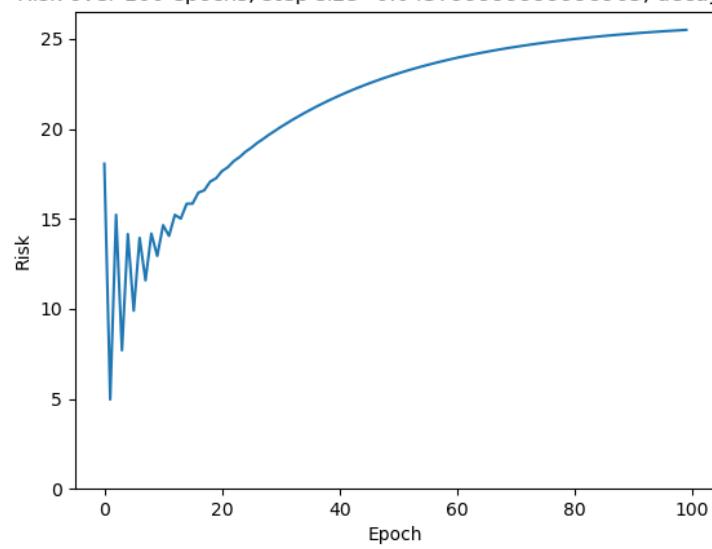
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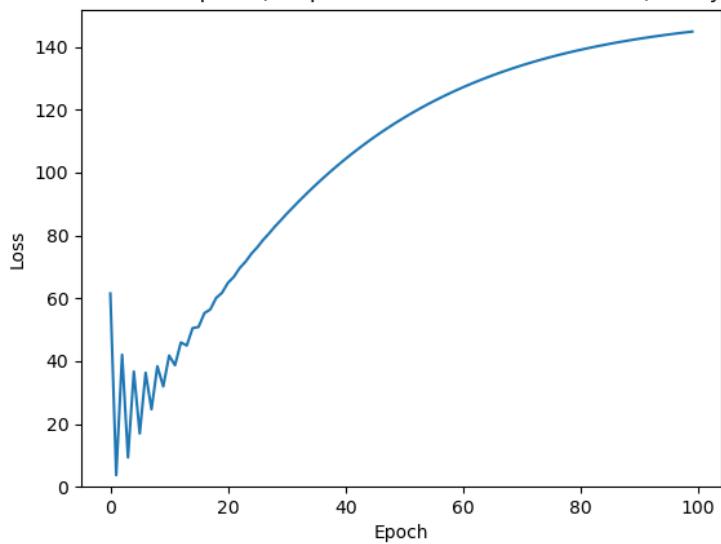
Loss over 100 epochs, step size=0.0437999999998965, decay=0.1



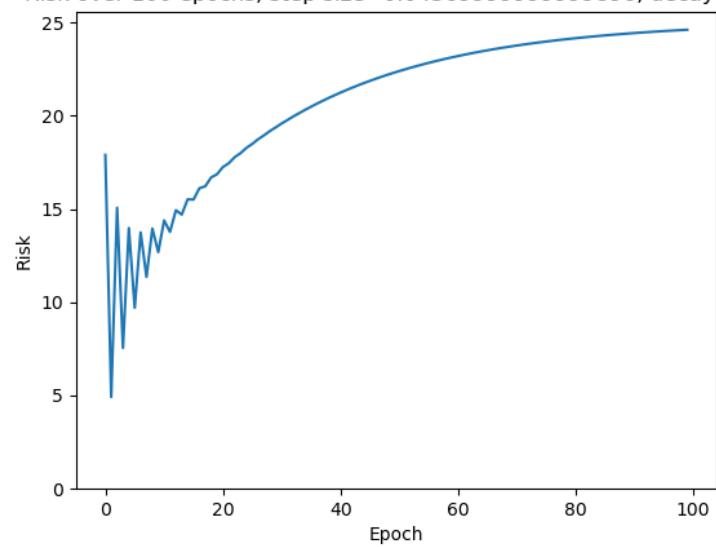
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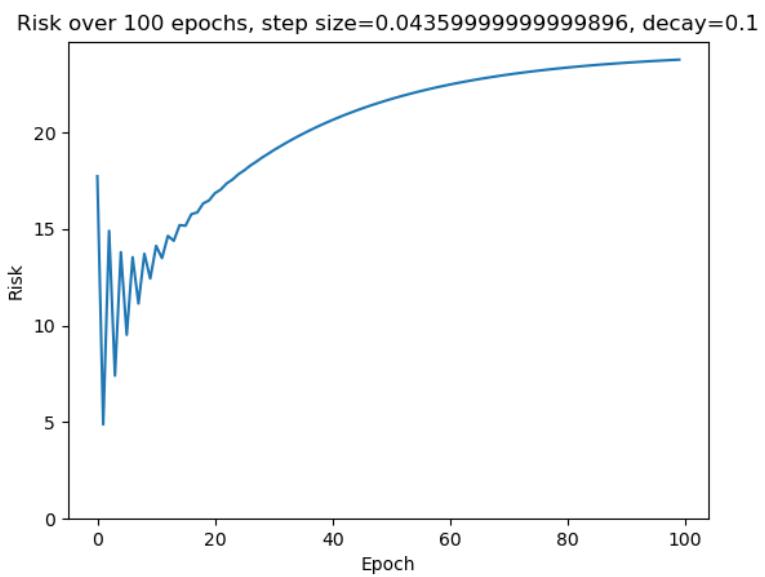
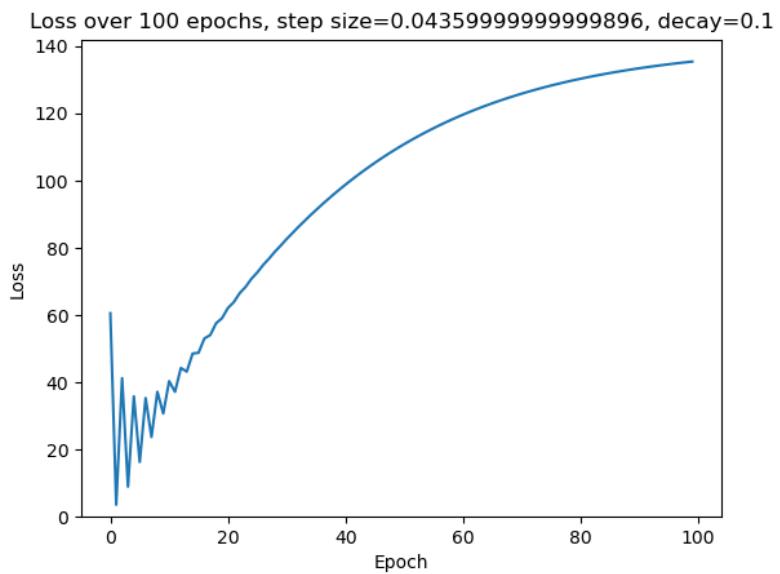


Loss over 100 epochs, step size=0.0436999999999896, decay=0.1

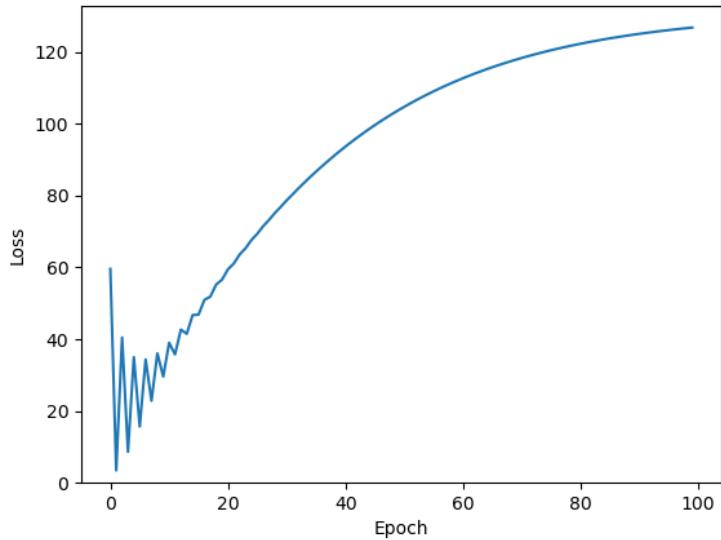


Risk over 100 epochs, step size=0.0436999999999896, decay=0.1

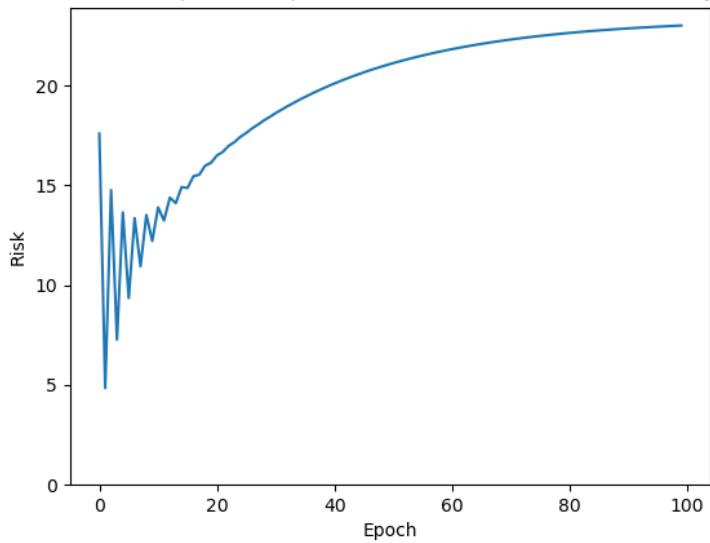




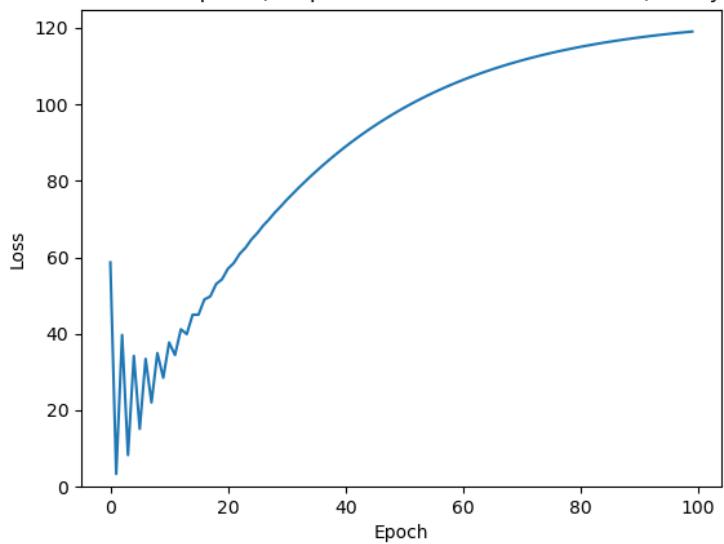
Loss over 100 epochs, step size=0.0434999999998956, decay=0.1



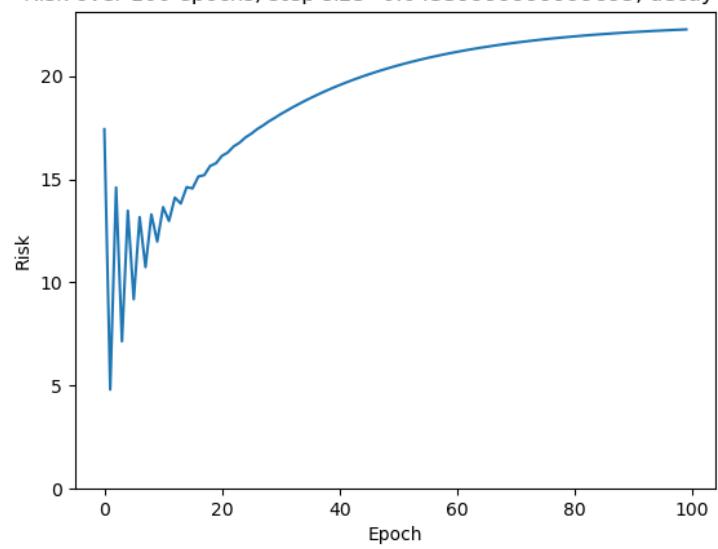
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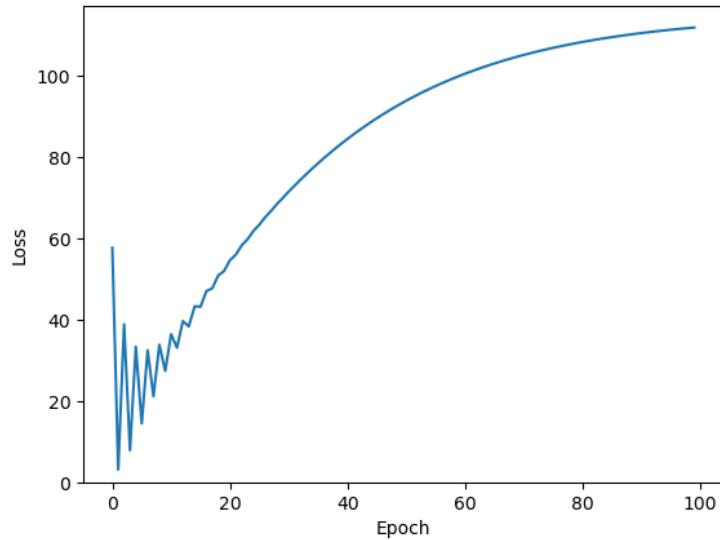
Loss over 100 epochs, step size=0.043399999999895, decay=0.1



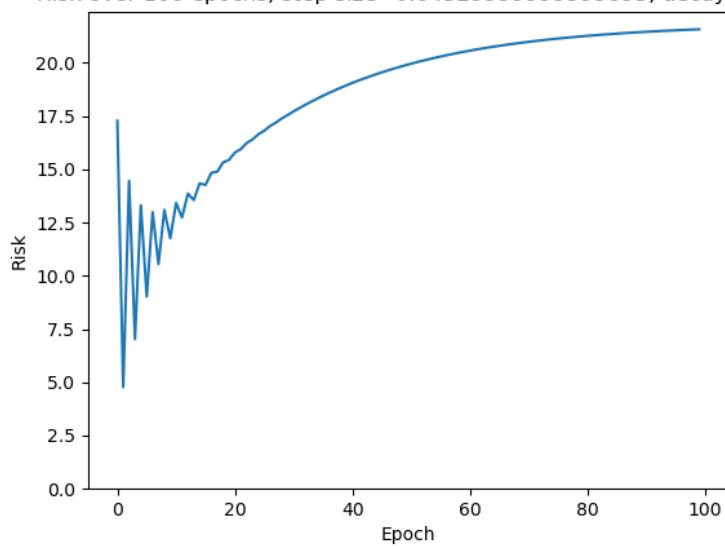
Risk over 100 epochs, step size=0.043399999999895, decay=0.1



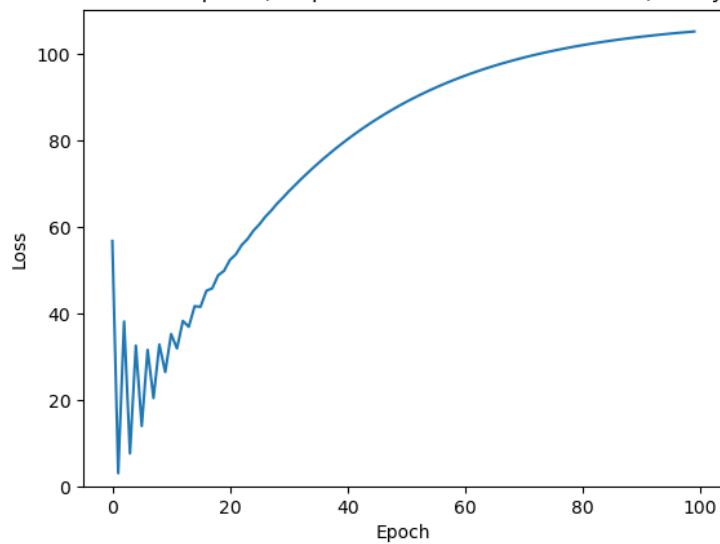
Loss over 100 epochs, step size=0.0432999999999895, decay=0.1



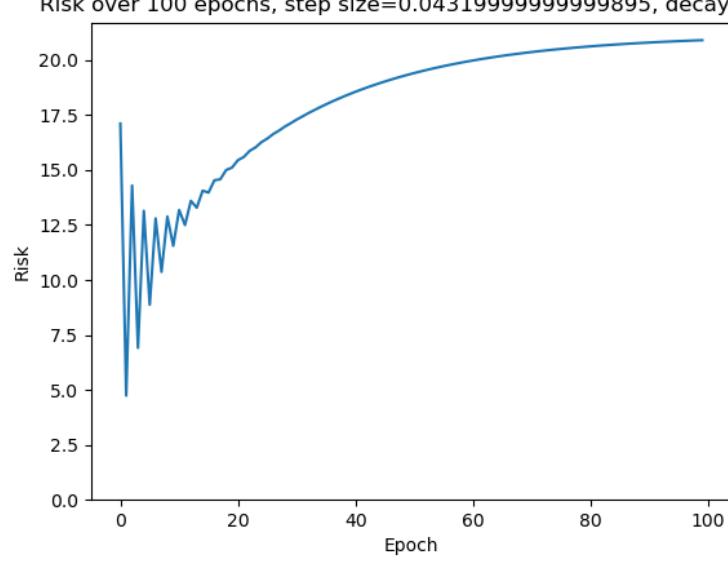
Risk over 100 epochs, step size=0.0432999999999895, decay=0.1



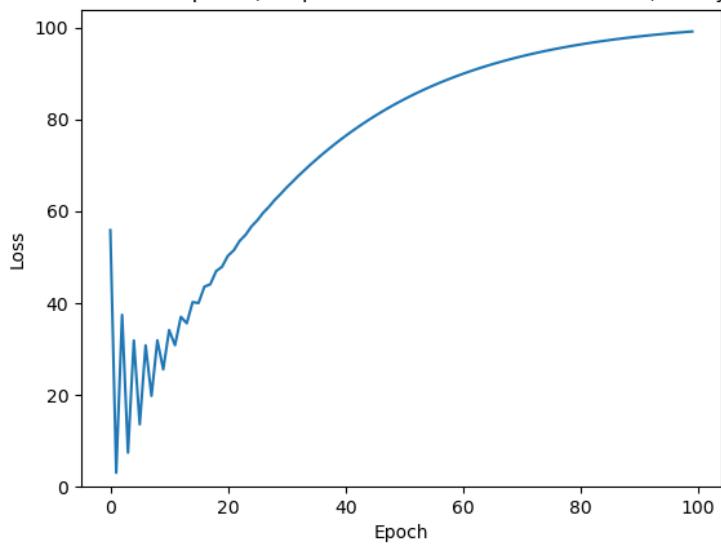
Loss over 100 epochs, step size=0.043199999999895, decay=0.1



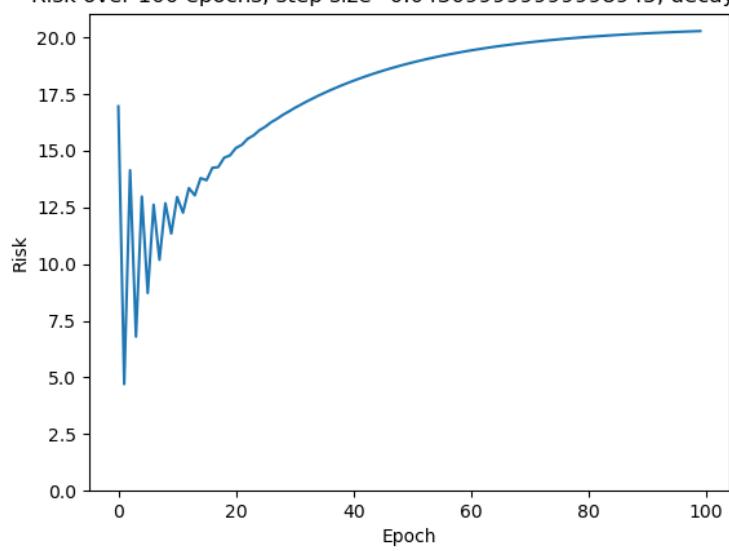
Risk over 100 epochs, step size=0.043199999999895, decay=0.1



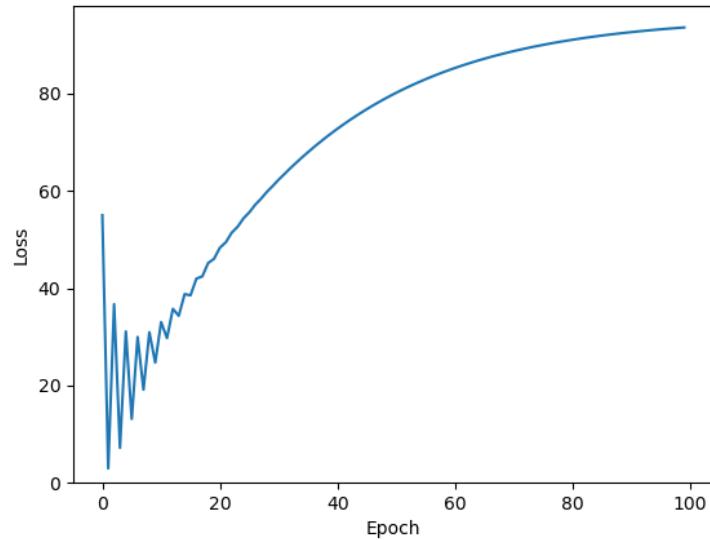
Loss over 100 epochs, step size=0.0430999999998945, decay=0.1



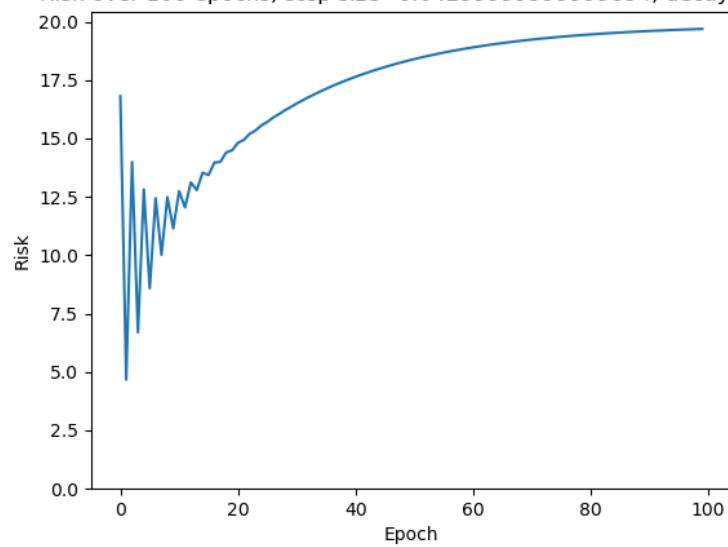
Risk over 100 epochs, step size=0.0430999999998945, decay=0.1



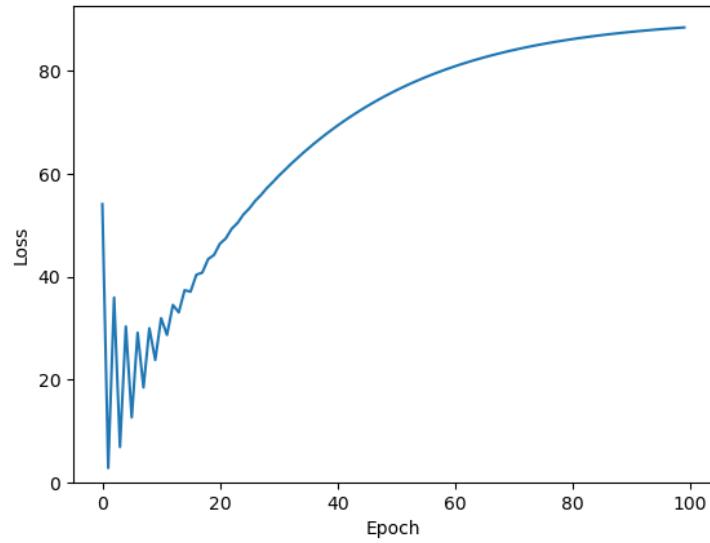
Loss over 100 epochs, step size=0.042999999999894, decay=0.1



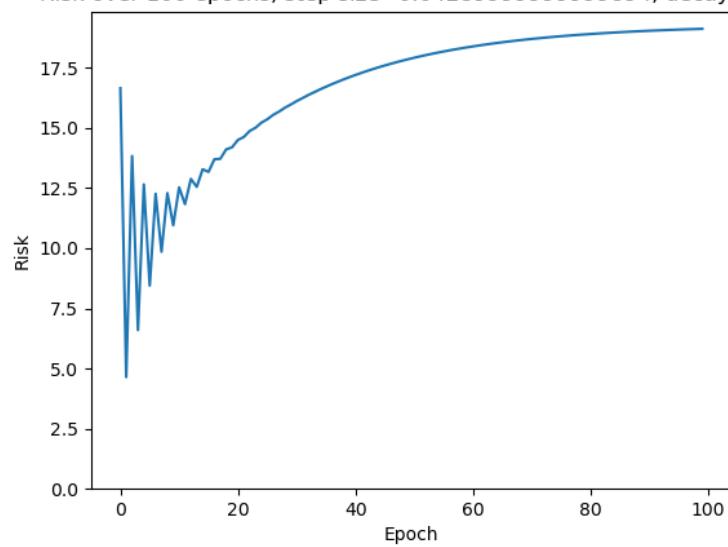
Risk over 100 epochs, step size=0.042999999999894, decay=0.1



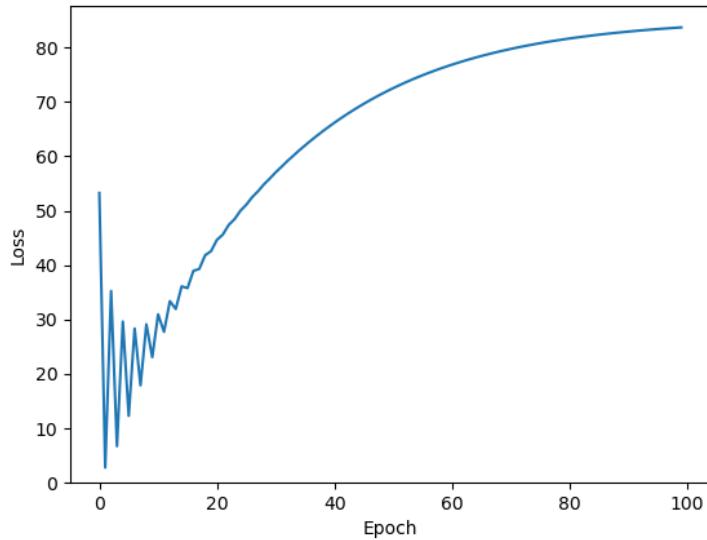
Loss over 100 epochs, step size=0.042899999999894, decay=0.1



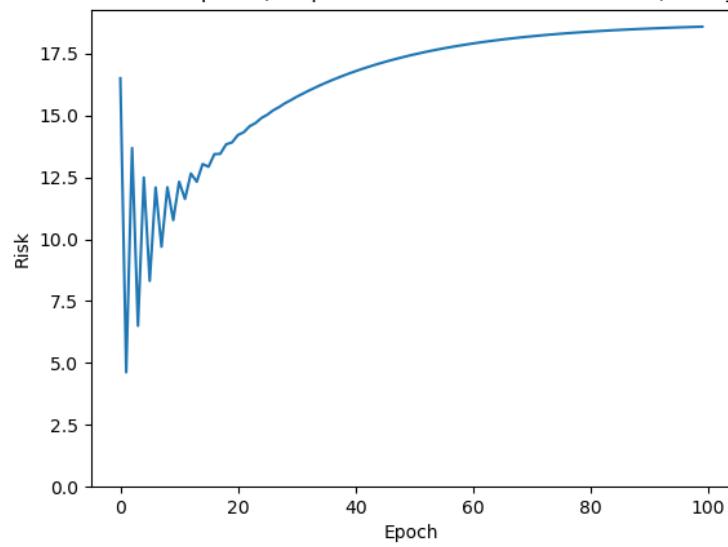
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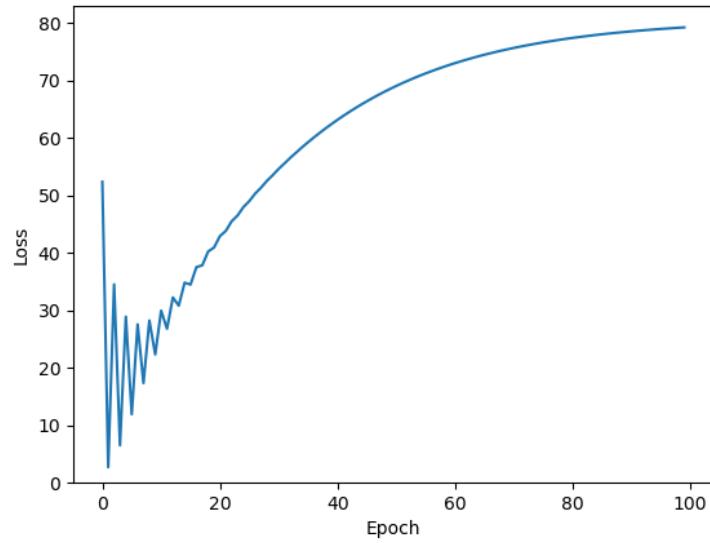
Loss over 100 epochs, step size=0.0427999999998936, decay=0.1



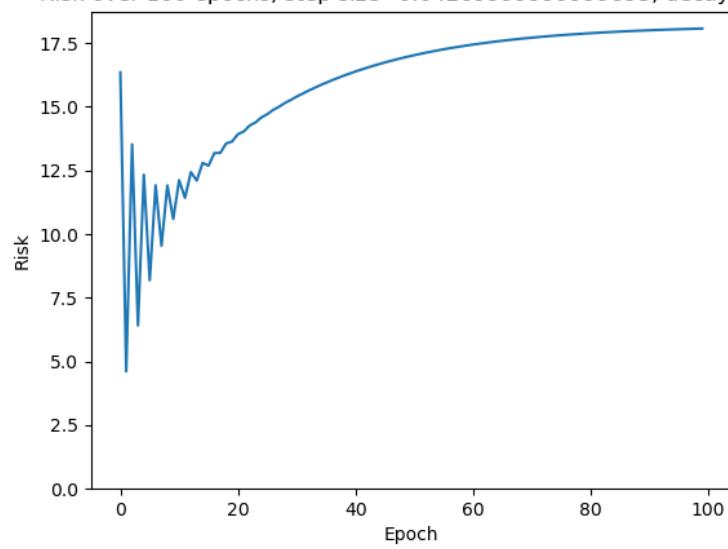
Risk over 100 epochs, step size=0.0427999999998936, decay=0.1



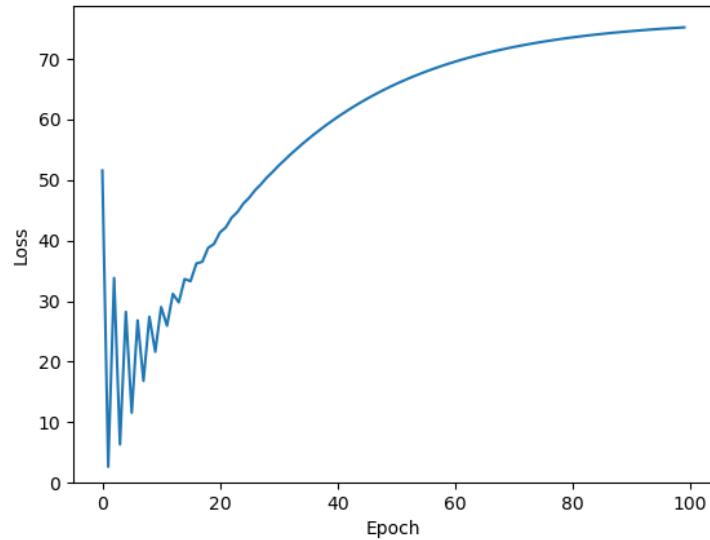
Loss over 100 epochs, step size=0.0426999999999893, decay=0.1



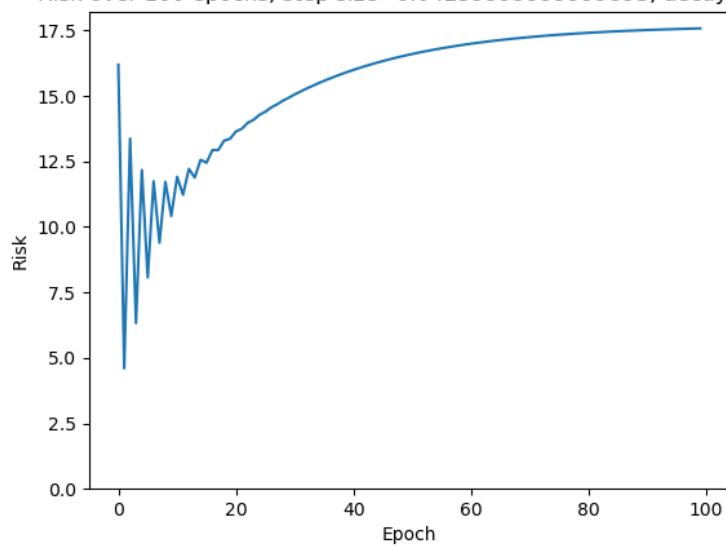
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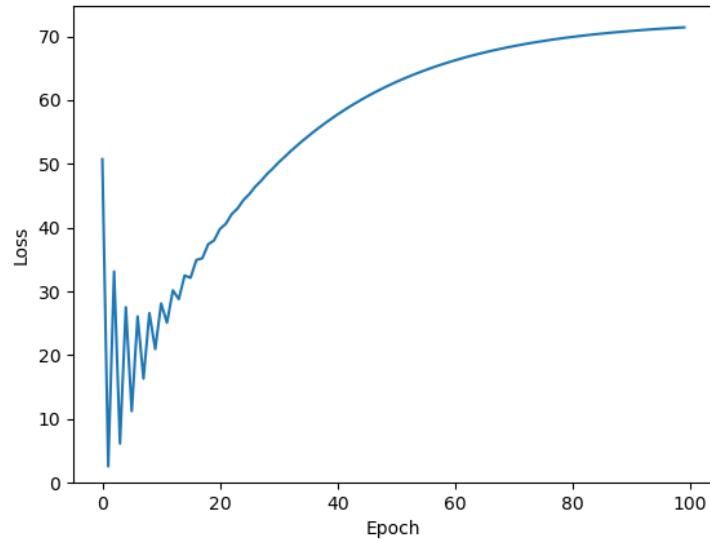
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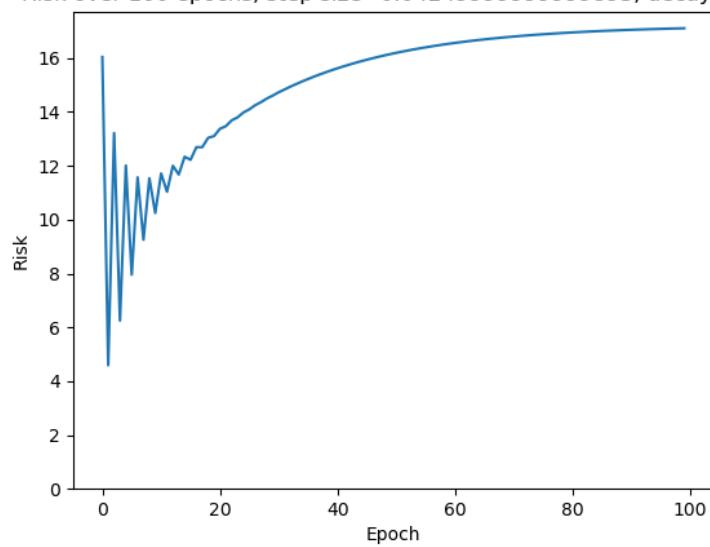
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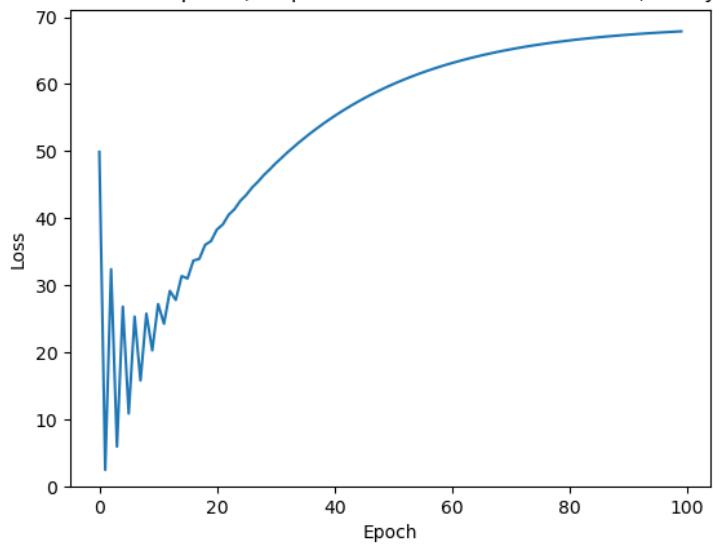
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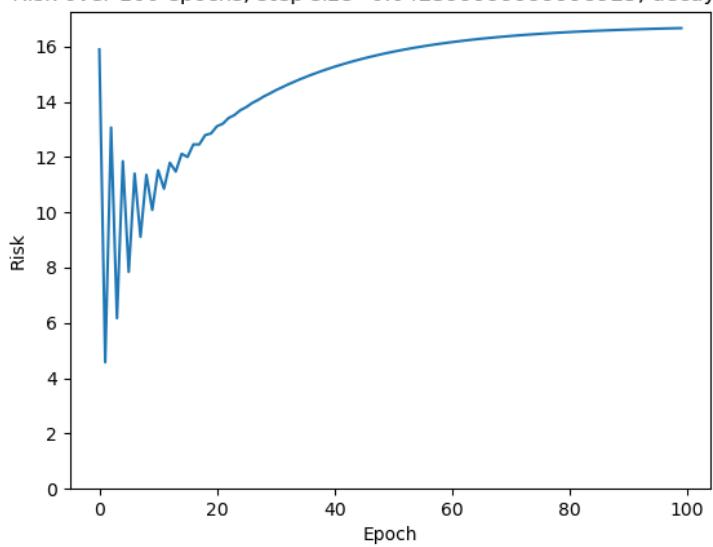
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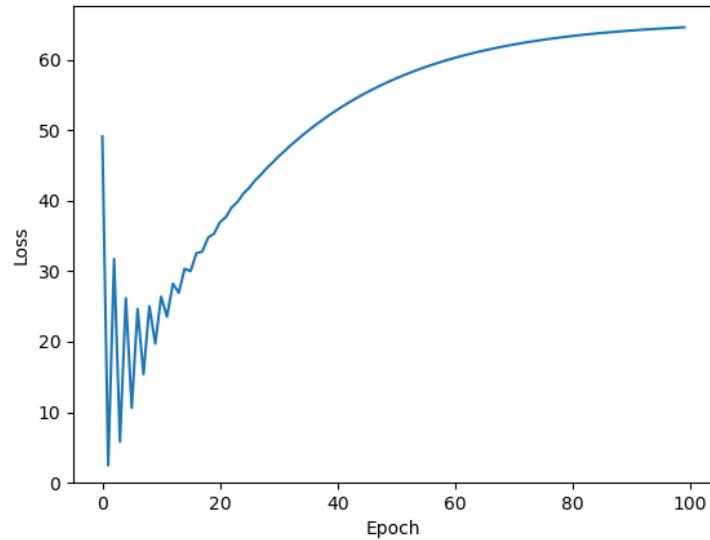
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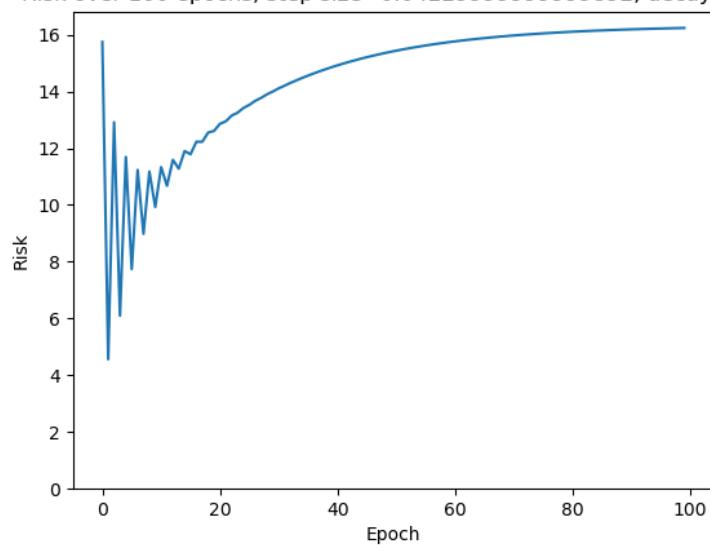
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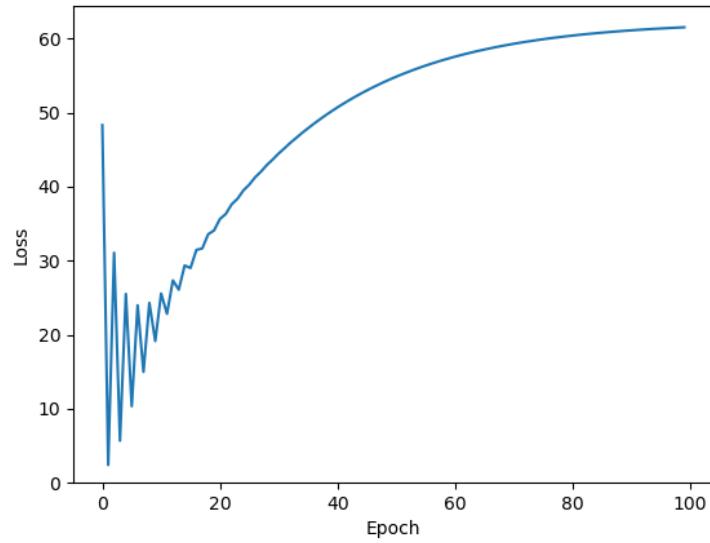
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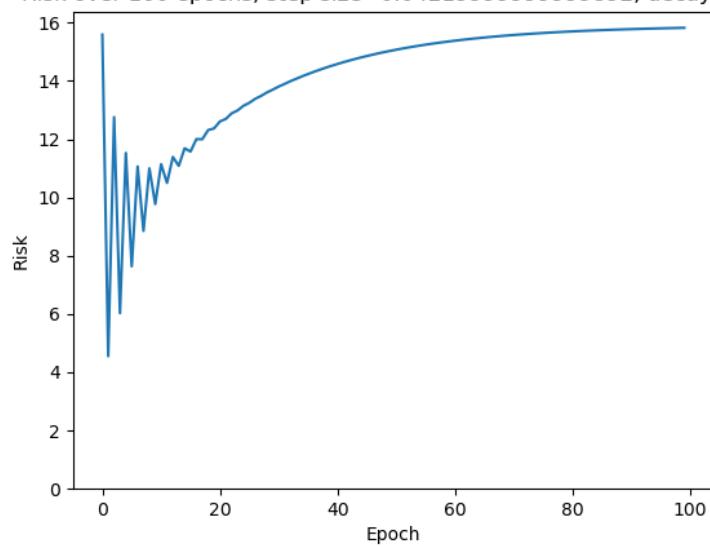
Risk over 100 epochs, step size=0.0422999999999892, decay=0.1



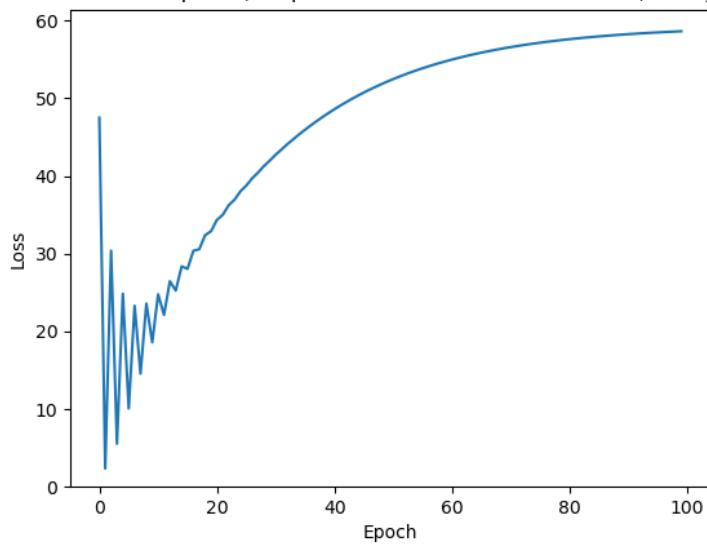
Loss over 100 epochs, step size=0.042199999999892, decay=0.1



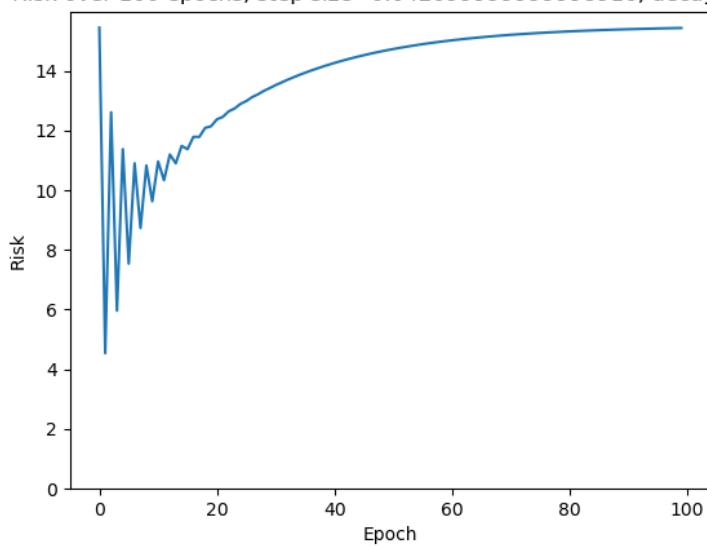
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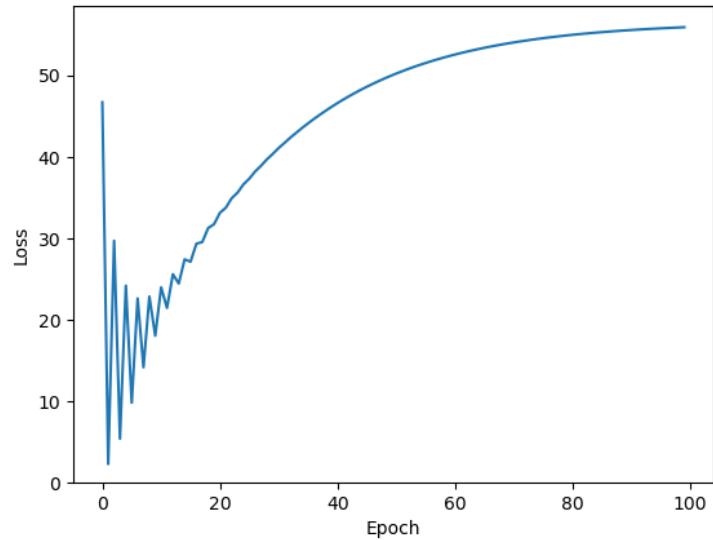
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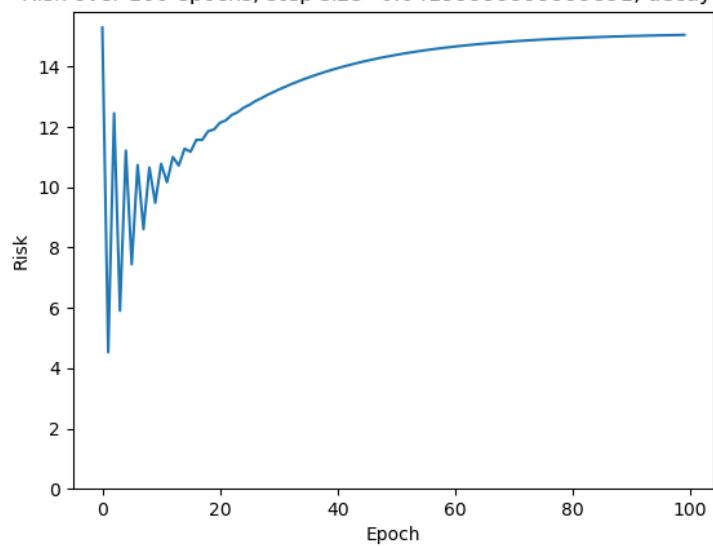
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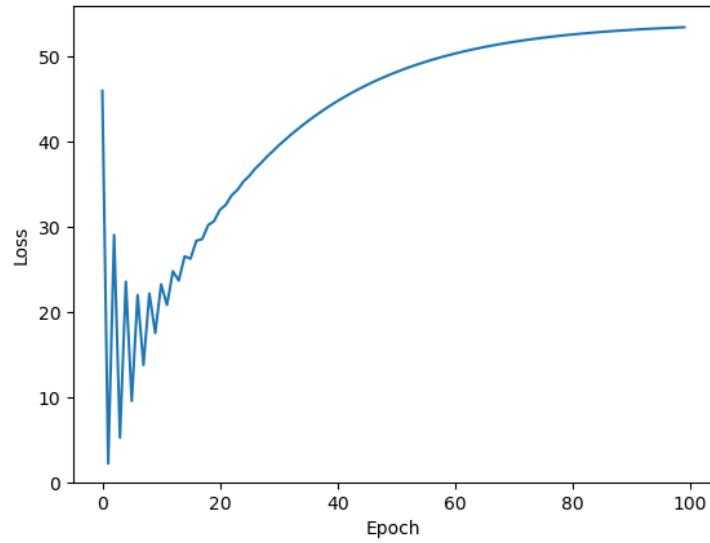
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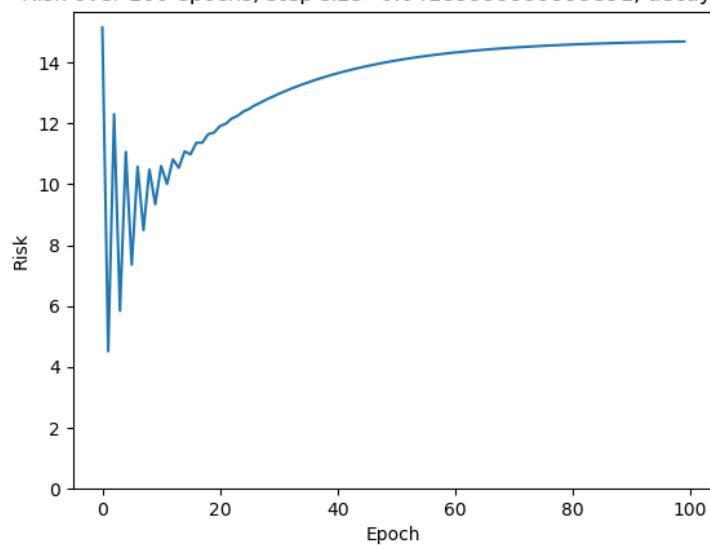
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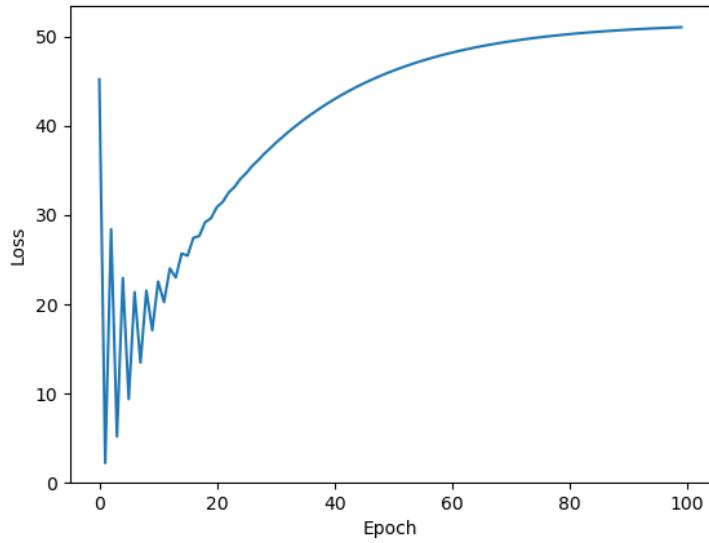
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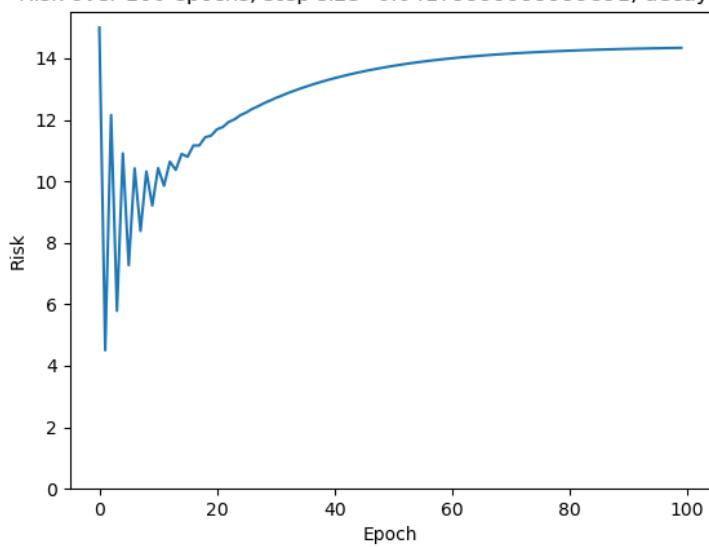
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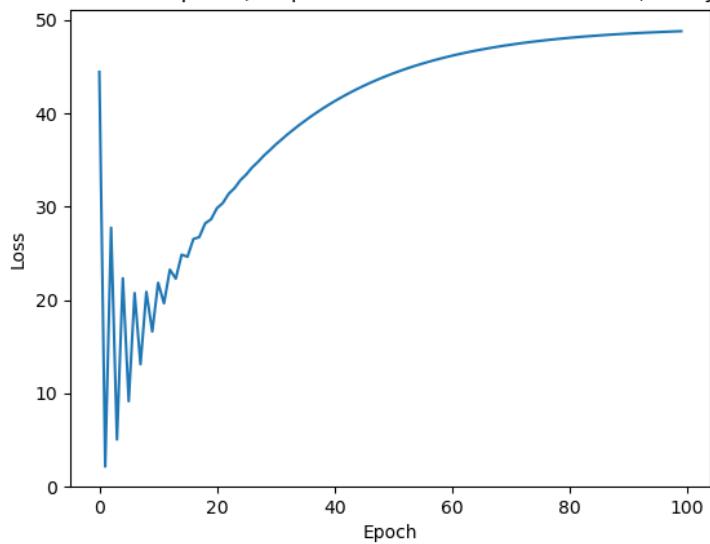
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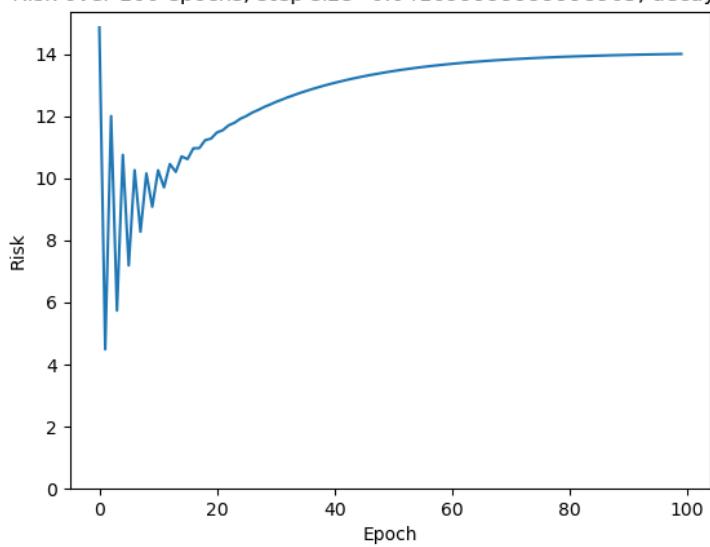
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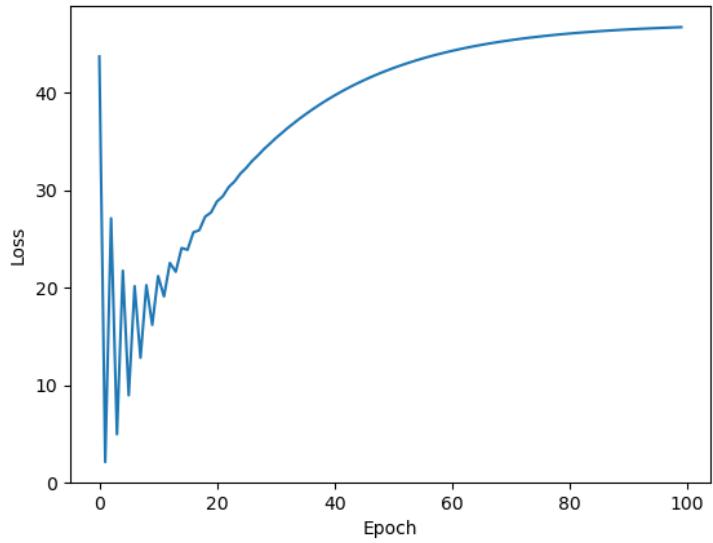
Loss over 100 epochs, step size=0.0416999999998905, decay=0.1



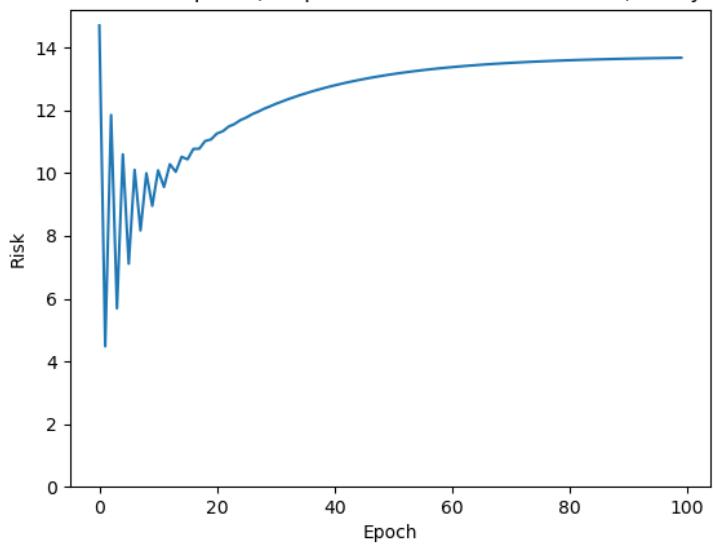
Risk over 100 epochs, step size=0.0416999999998905, decay=0.1



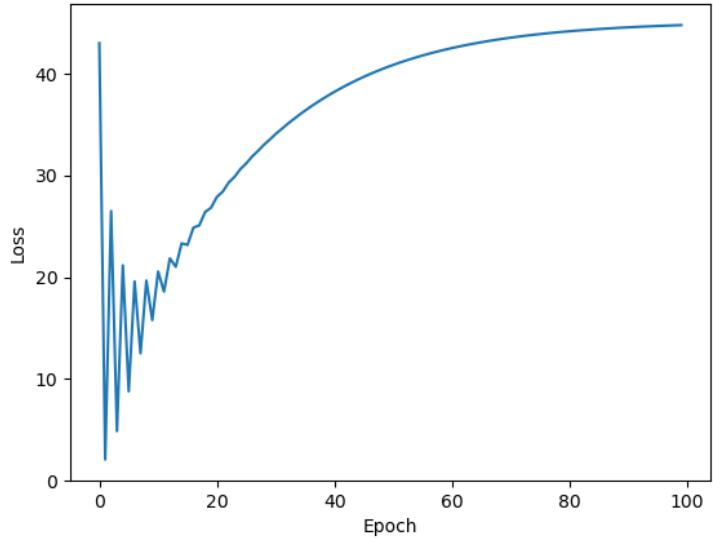
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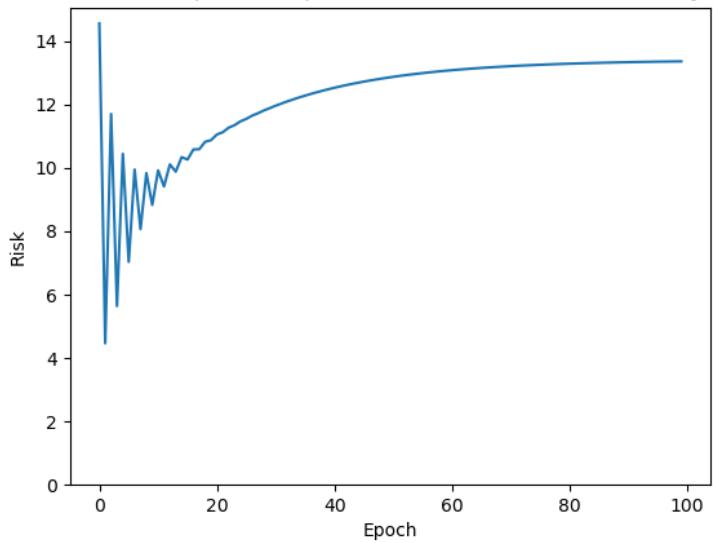
Risk over 100 epochs, step size=0.04159999999989, decay=0.1



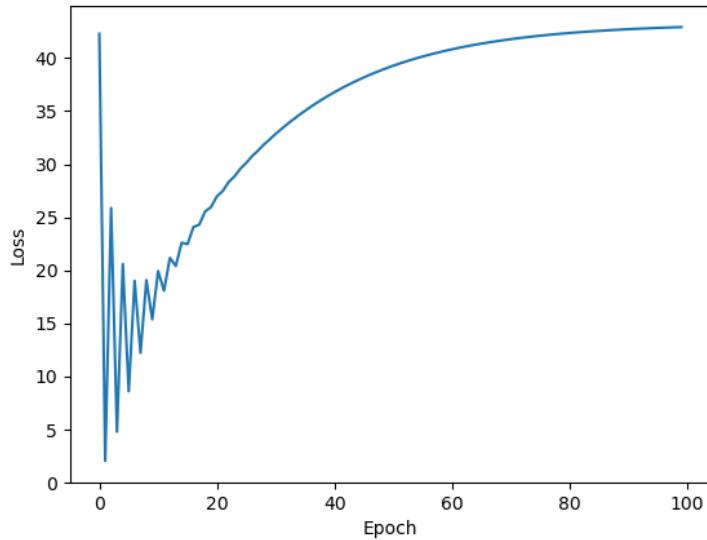
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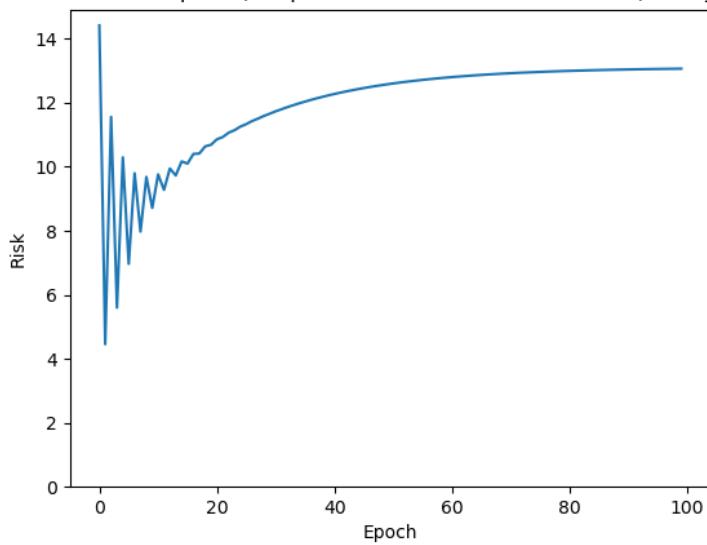
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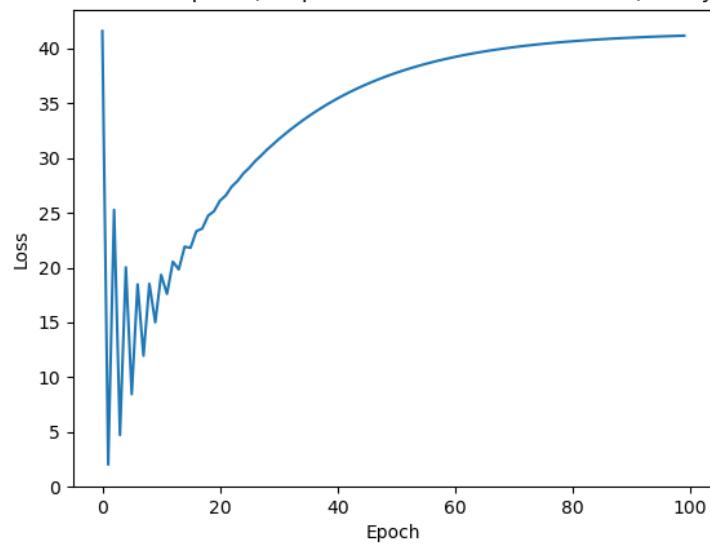
Loss over 100 epochs, step size=0.0413999999998896, decay=0.1



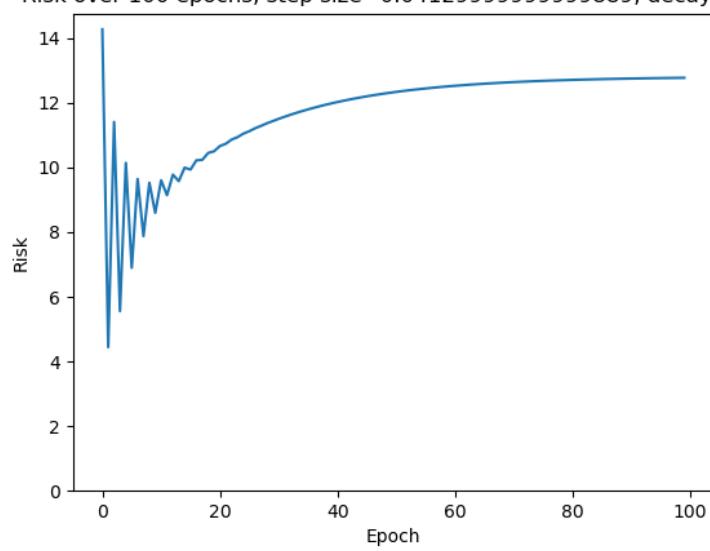
Risk over 100 epochs, step size=0.0413999999998896, decay=0.1



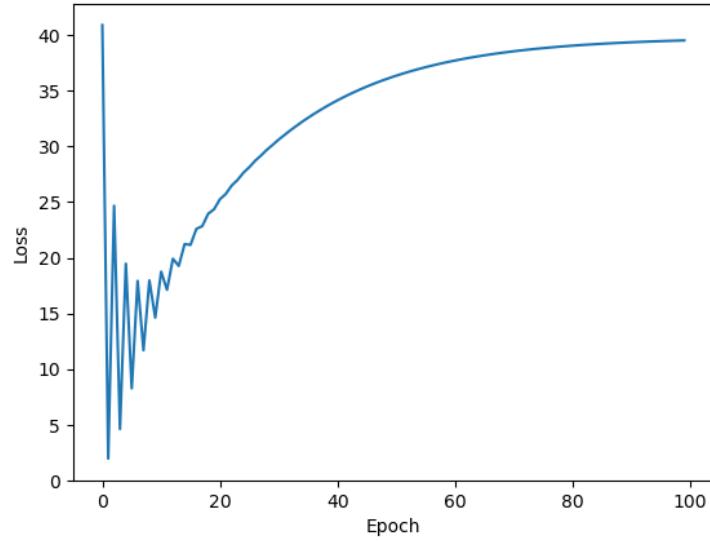
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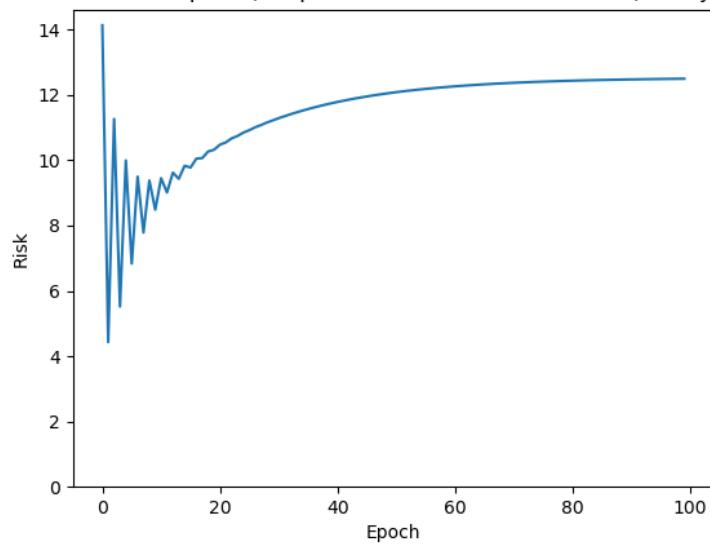
Risk over 100 epochs, step size=0.0412999999999889, decay=0.1



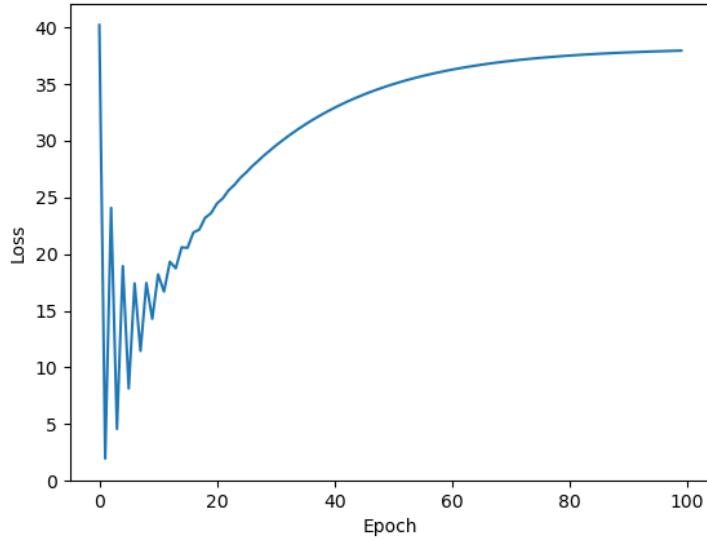
Loss over 100 epochs, step size=0.0411999999999889, decay=0.1



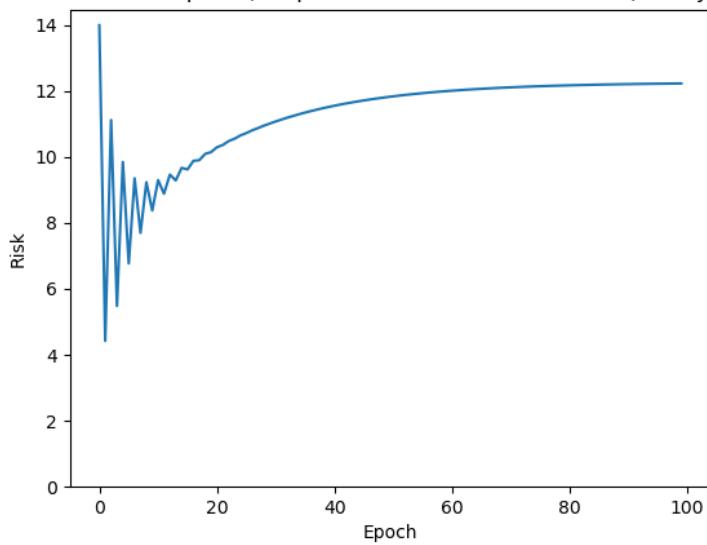
Risk over 100 epochs, step size=0.0411999999999889, decay=0.1



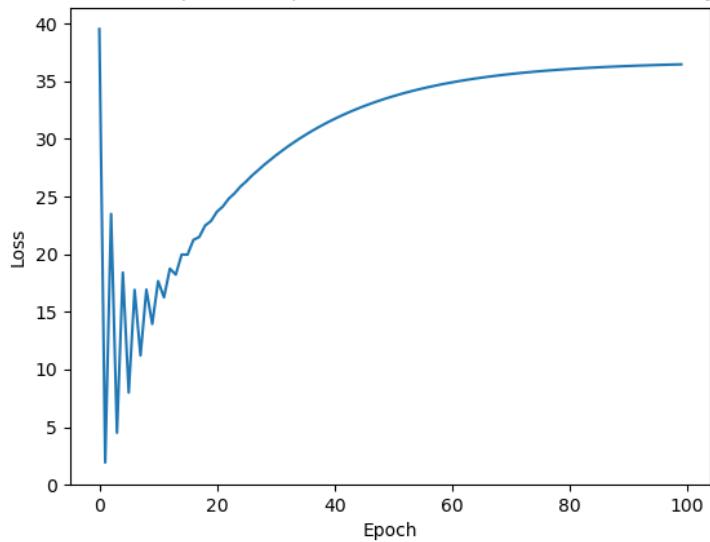
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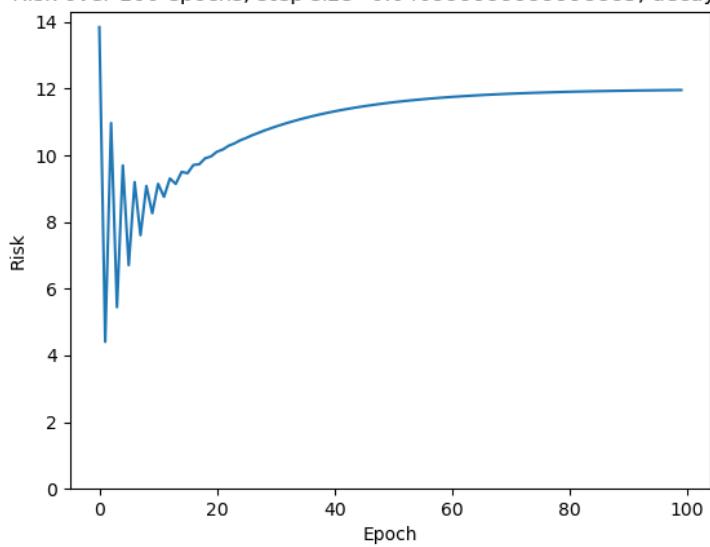
Risk over 100 epochs, step size=0.0410999999999889, decay=0.1



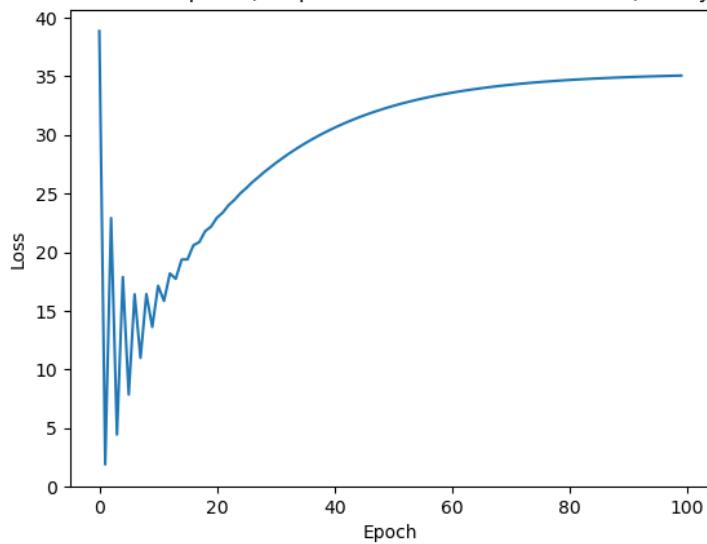
Loss over 100 epochs, step size=0.0409999999998885, decay=0.1



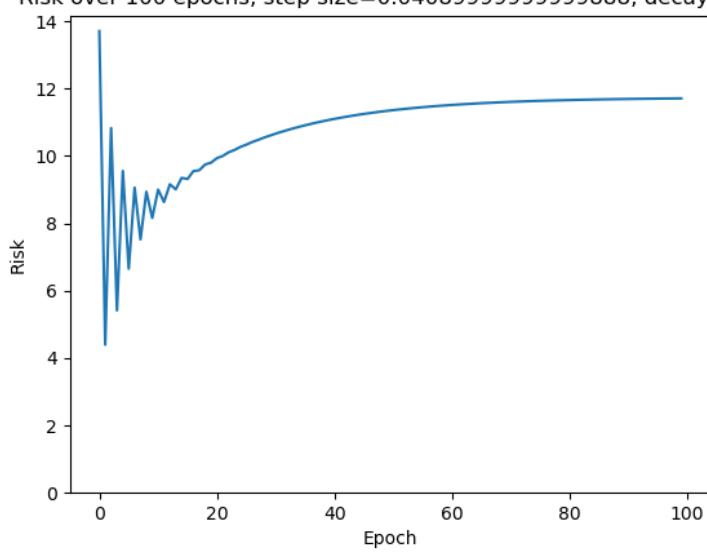
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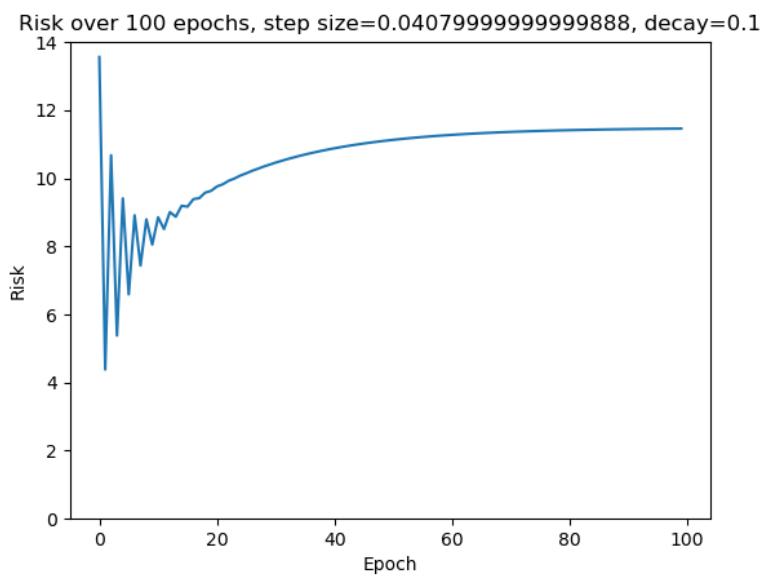
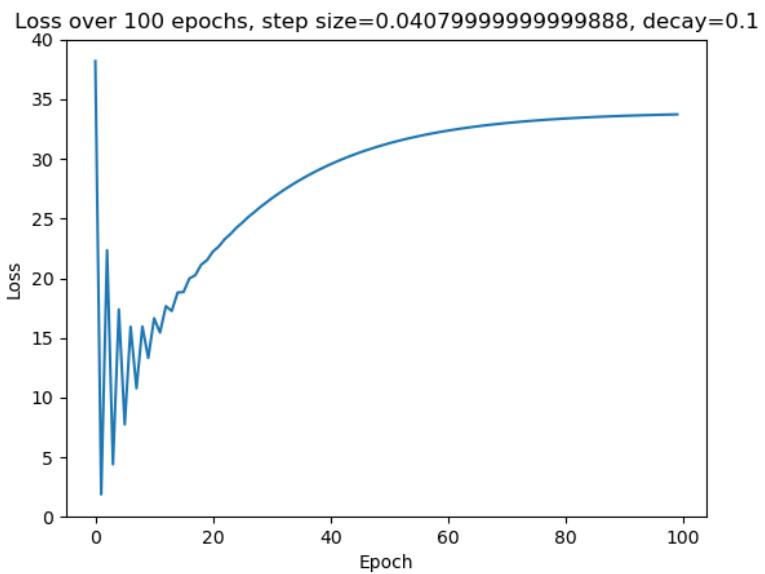


Loss over 100 epochs, step size=0.040899999999888, decay=0.1

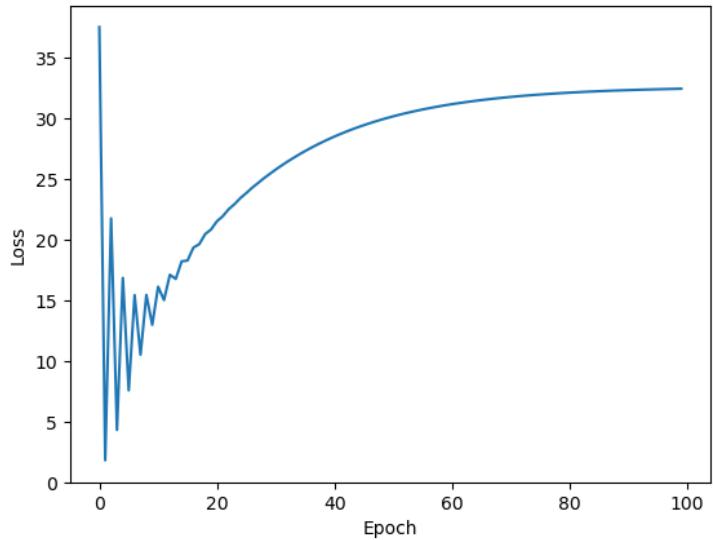


Risk over 100 epochs, step size=0.040899999999888, decay=0.1

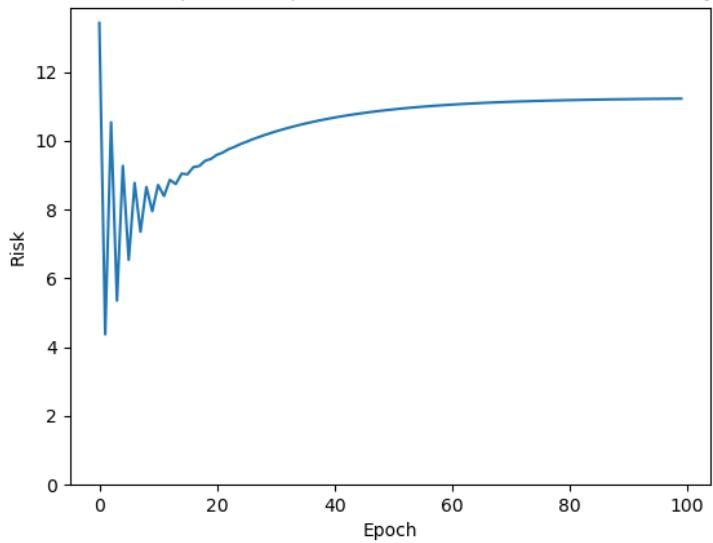




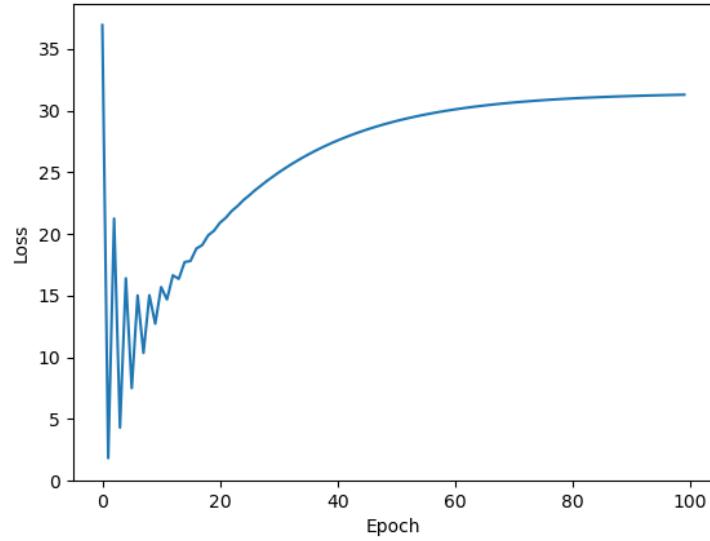
Loss over 100 epochs, step size=0.0406999999998876, decay=0.1



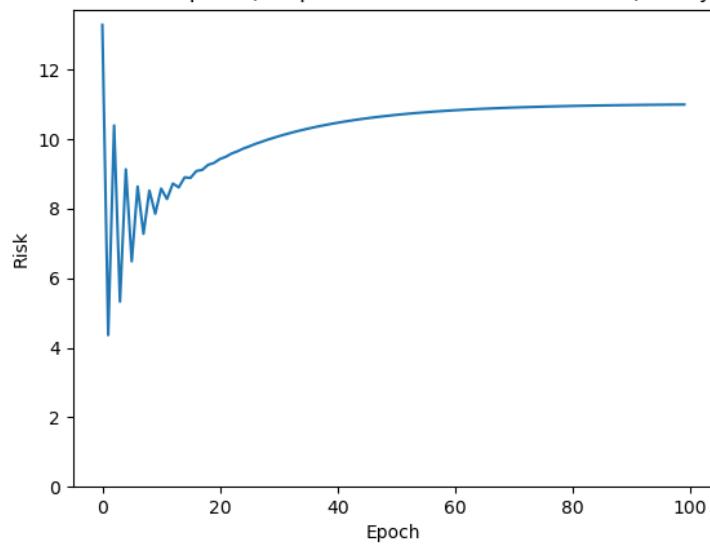
Risk over 100 epochs, step size=0.0406999999998876, decay=0.1



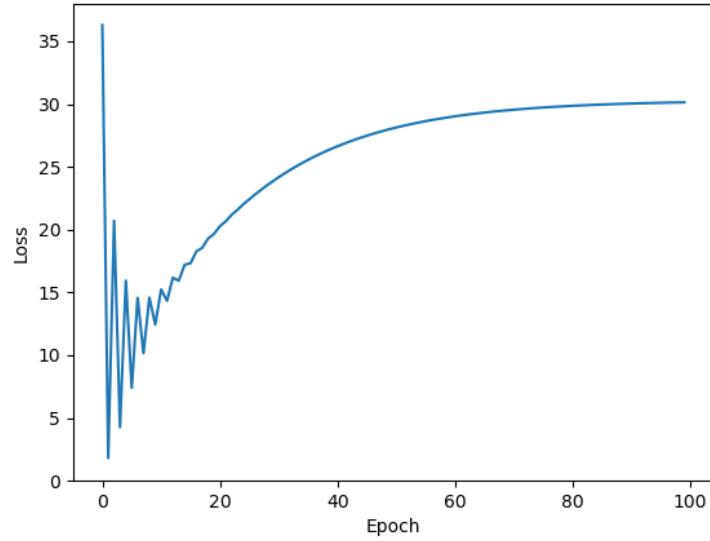
Loss over 100 epochs, step size=0.0405999999999887, decay=0.1



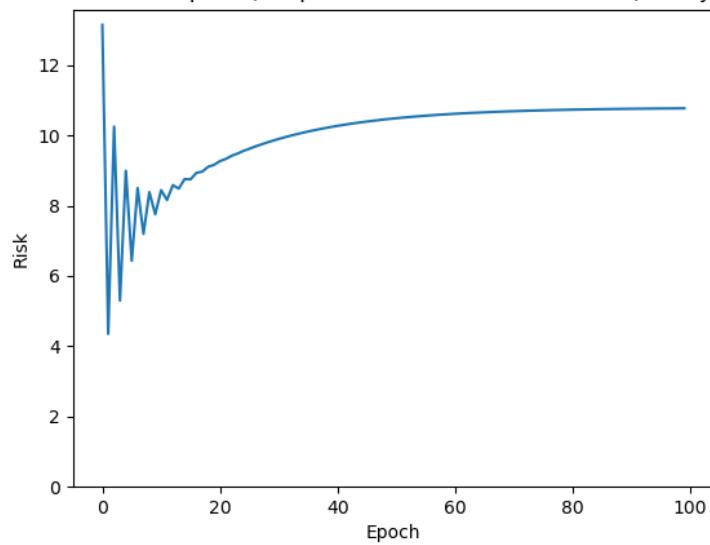
Risk over 100 epochs, step size=0.0405999999999887, decay=0.1



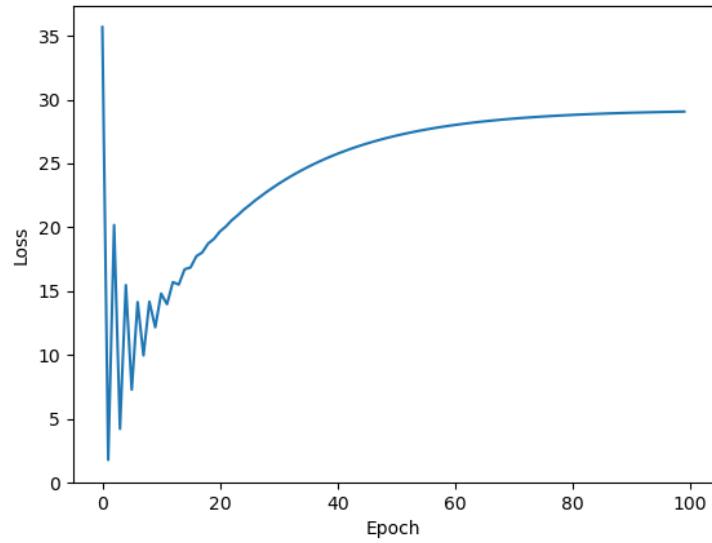
Loss over 100 epochs, step size=0.040499999999887, decay=0.1



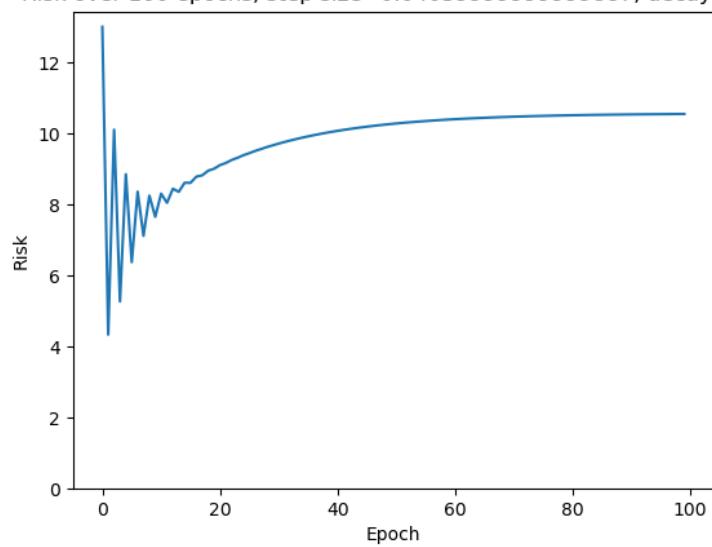
Risk over 100 epochs, step size=0.040499999999887, decay=0.1



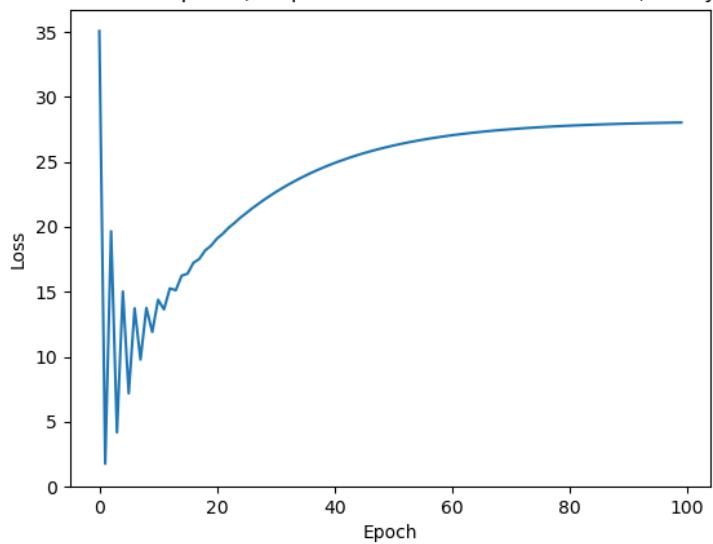
Loss over 100 epochs, step size=0.040399999999887, decay=0.1



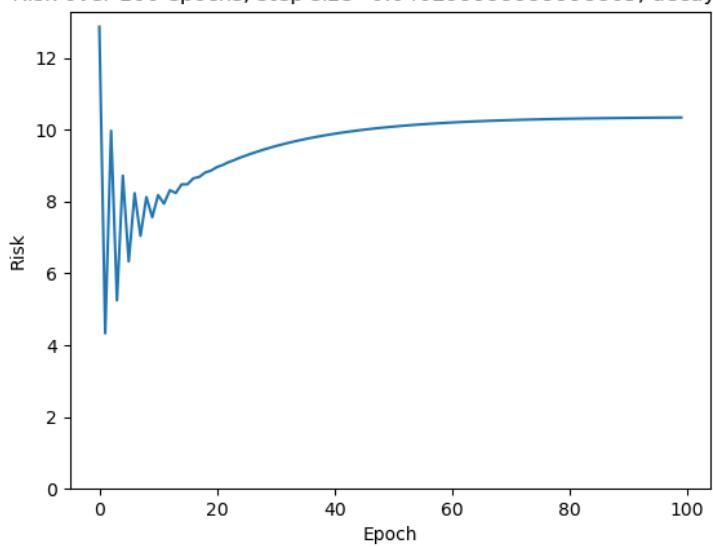
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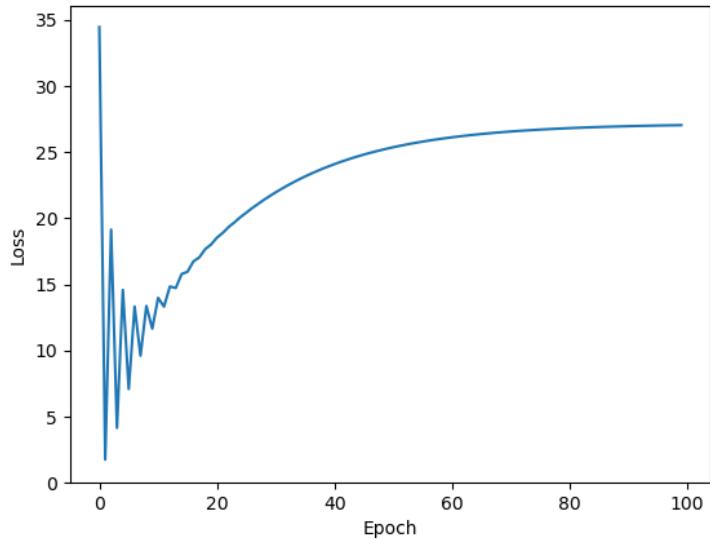
Loss over 100 epochs, step size=0.0402999999998865, decay=0.1



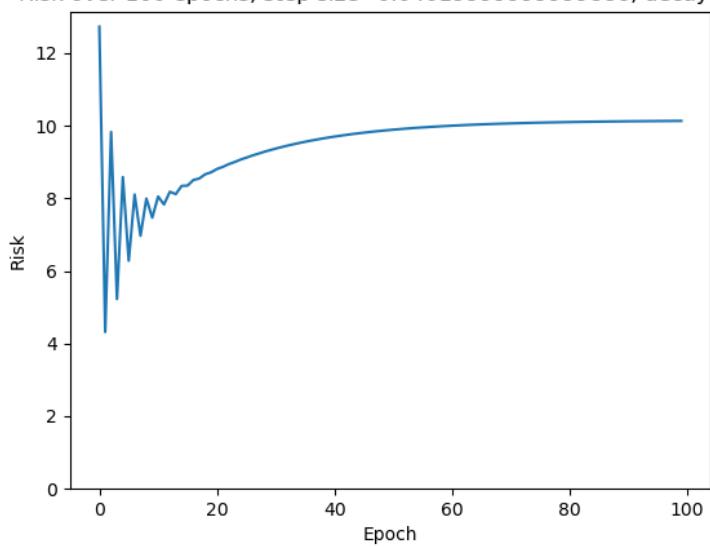
Risk over 100 epochs, step size=0.0402999999998865, decay=0.1

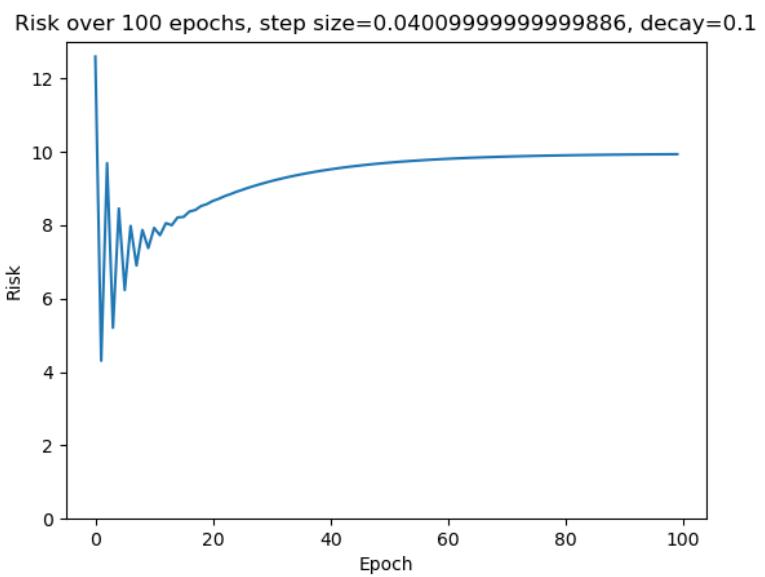
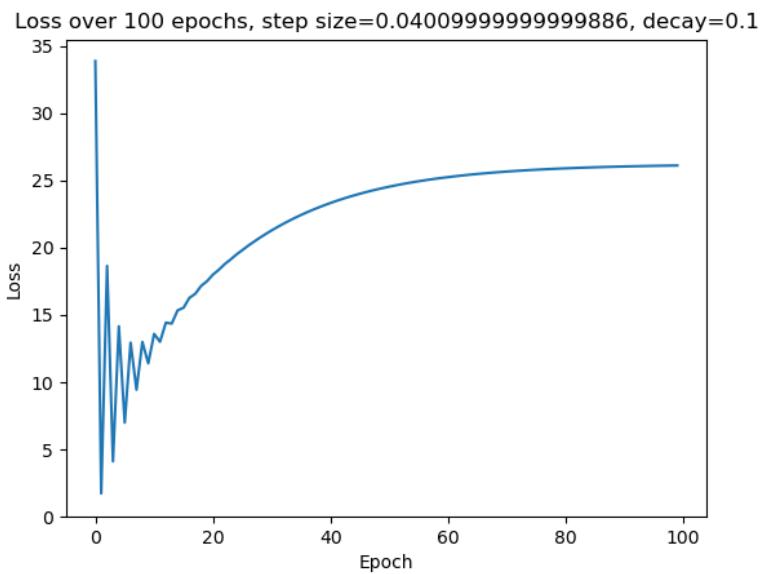


Loss over 100 epochs, step size=0.040199999999886, decay=0.1

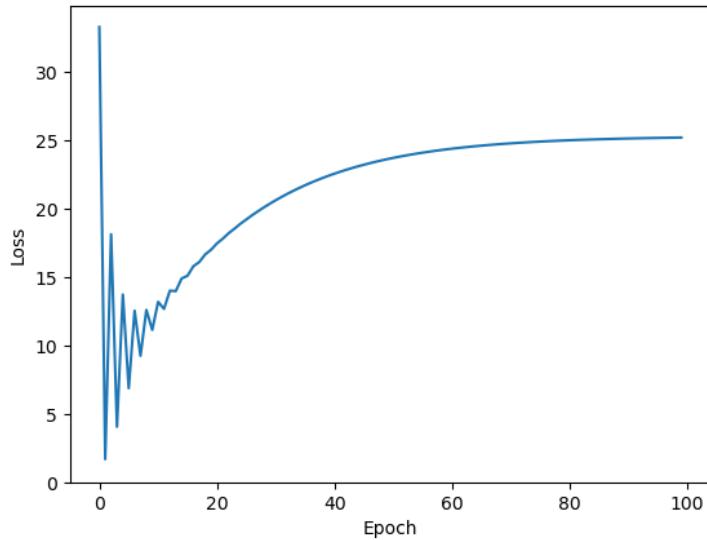


Risk over 100 epochs, step size=0.040199999999886, decay=0.1

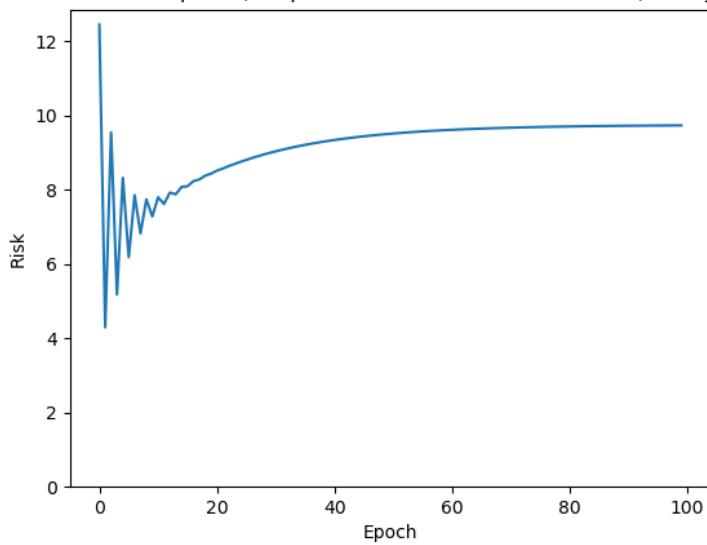




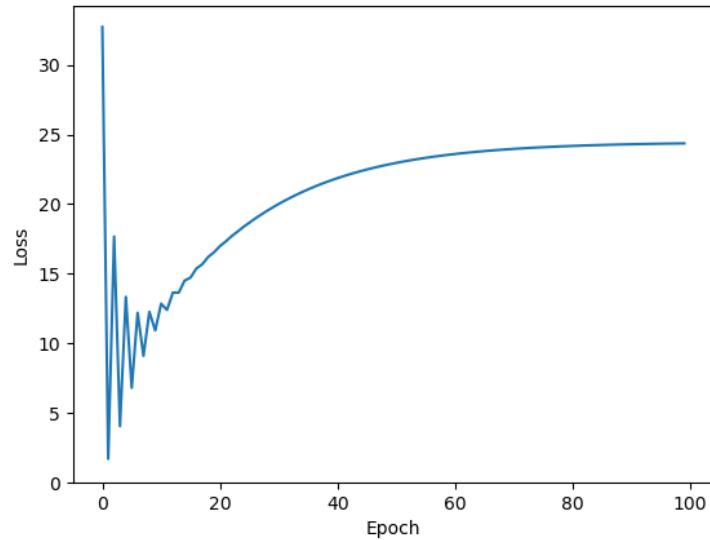
Loss over 100 epochs, step size=0.0399999999998856, decay=0.1



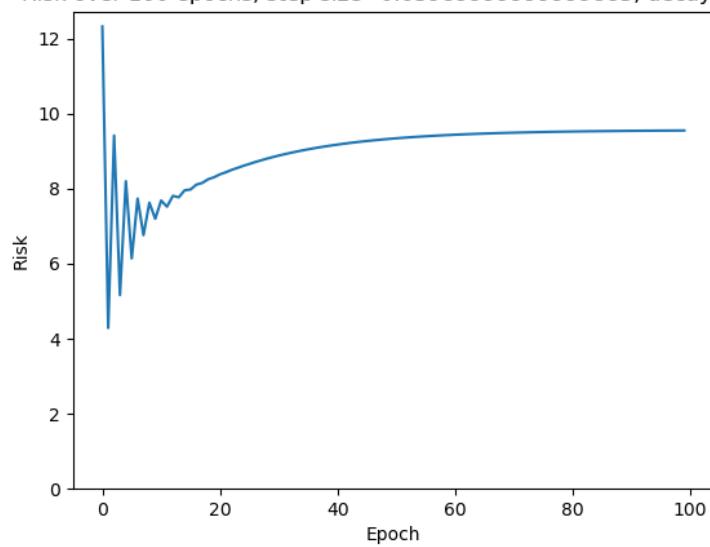
Risk over 100 epochs, step size=0.0399999999998856, decay=0.1



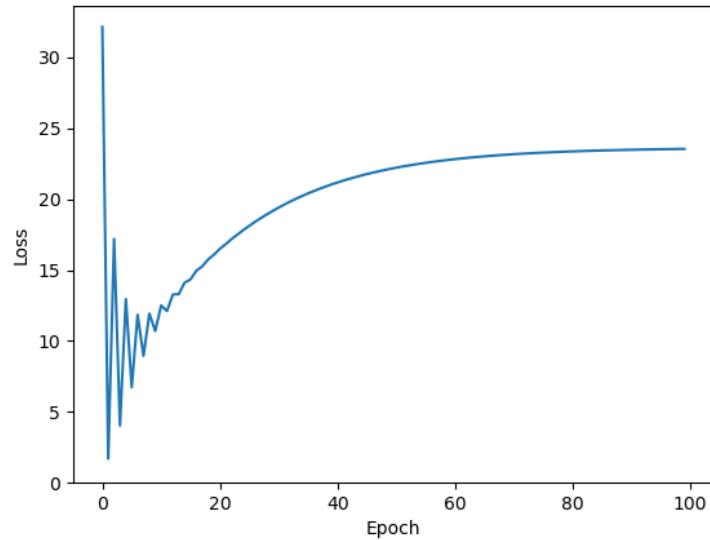
Loss over 100 epochs, step size=0.0398999999999885, decay=0.1



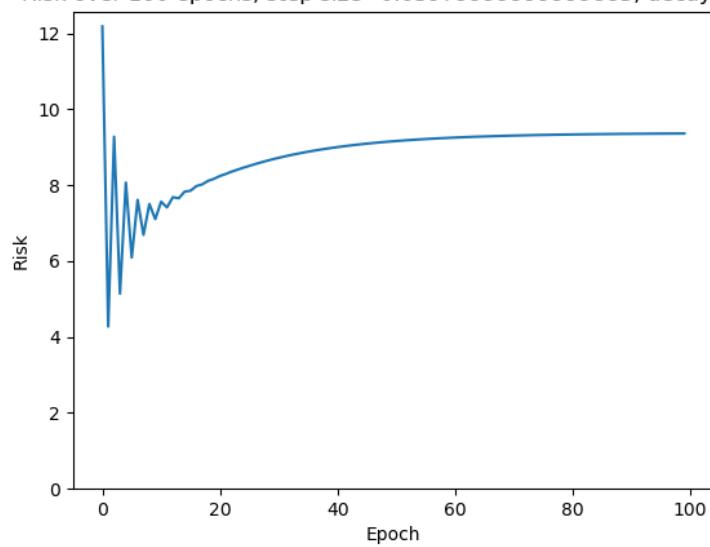
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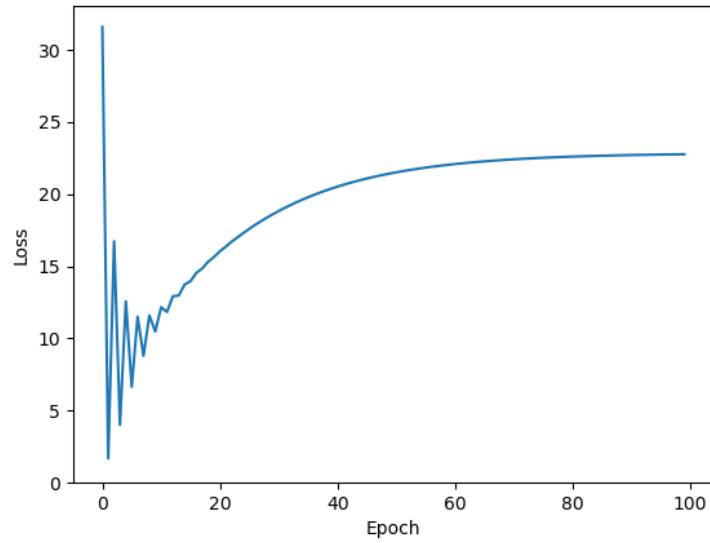
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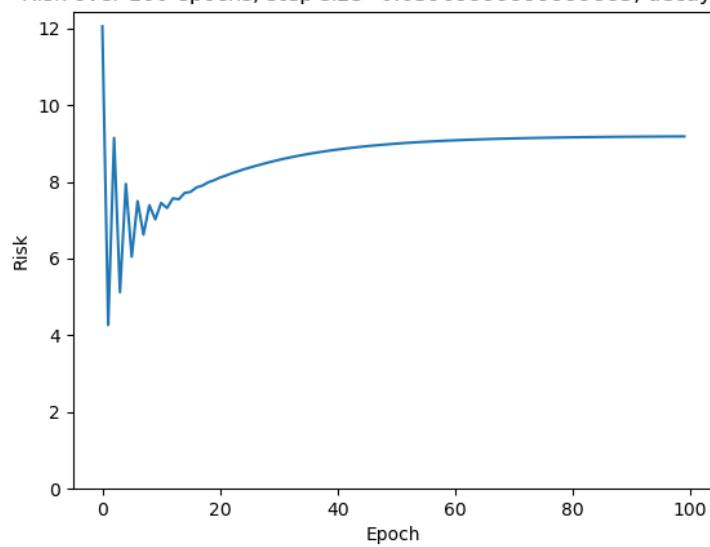
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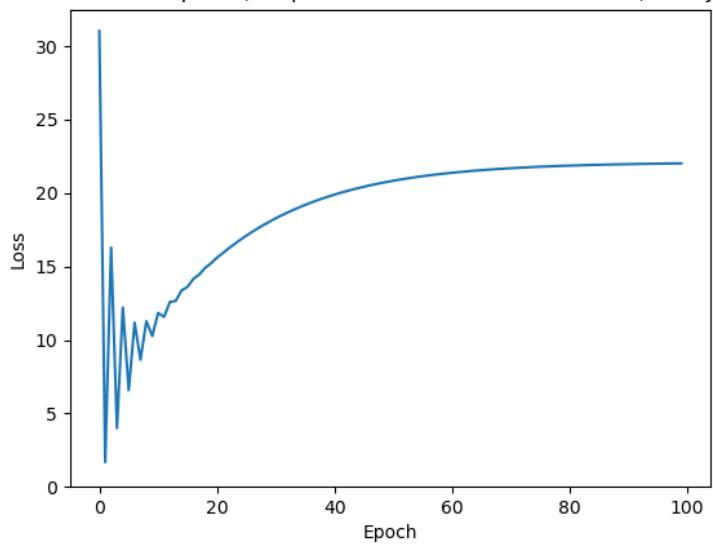
Loss over 100 epochs, step size=0.0396999999999885, decay=0.1



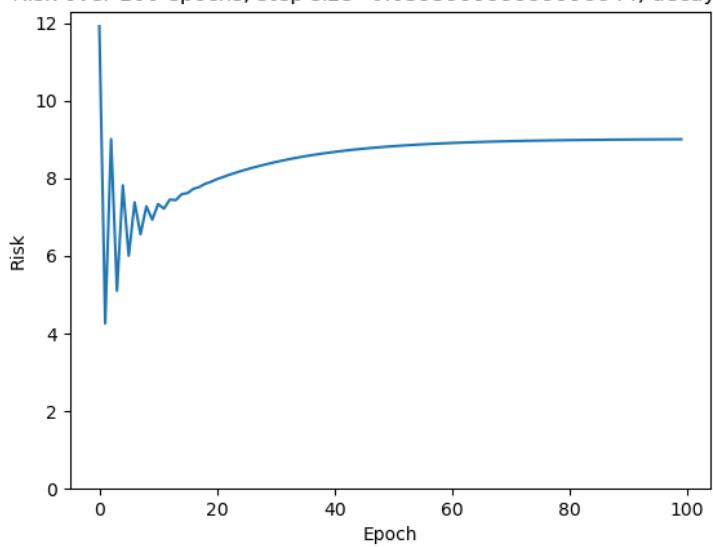
Risk over 100 epochs, step size=0.0396999999999885, decay=0.1



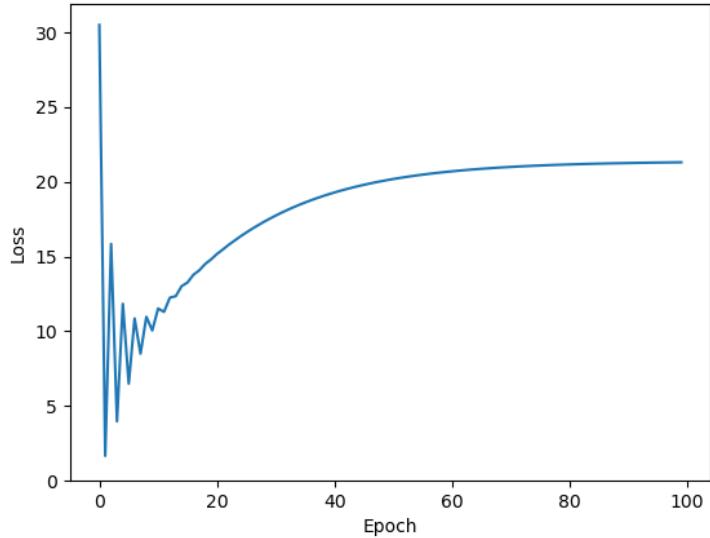
Loss over 100 epochs, step size=0.0395999999998844, decay=0.1



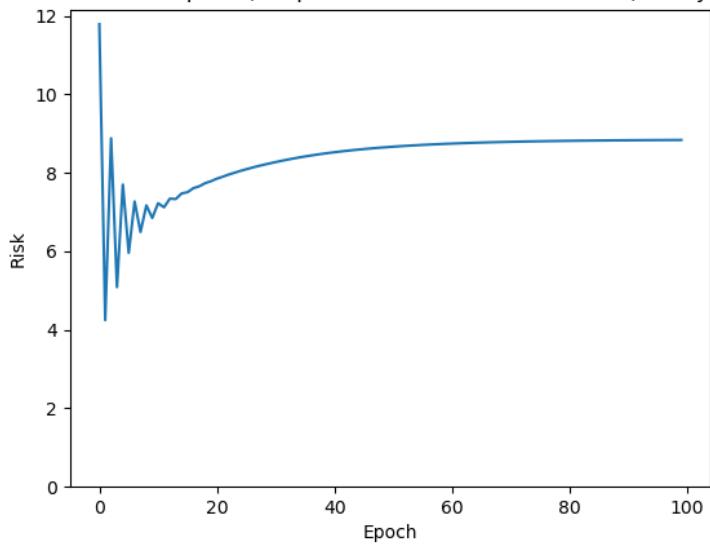
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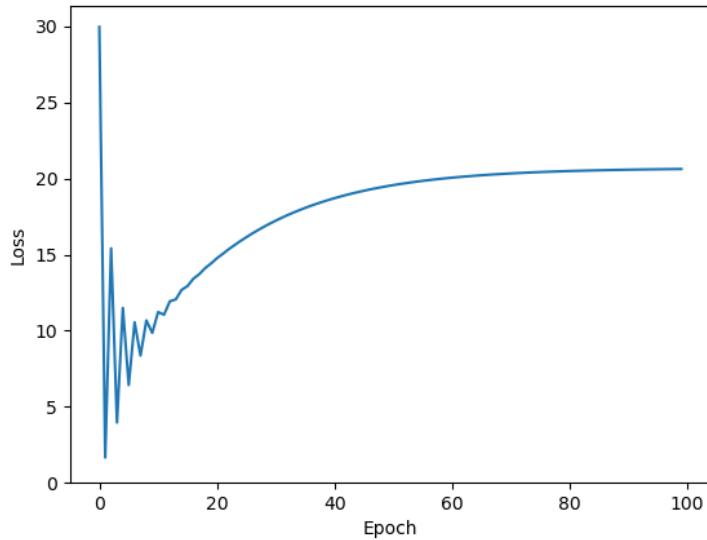
Loss over 100 epochs, step size=0.039499999999884, decay=0.1



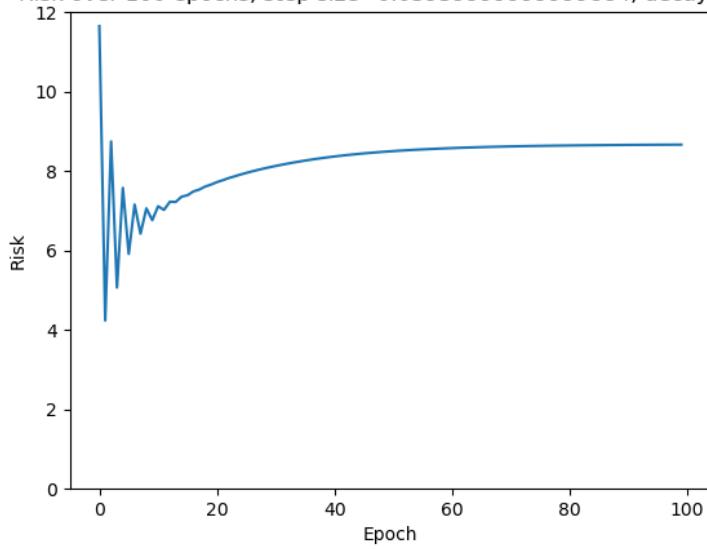
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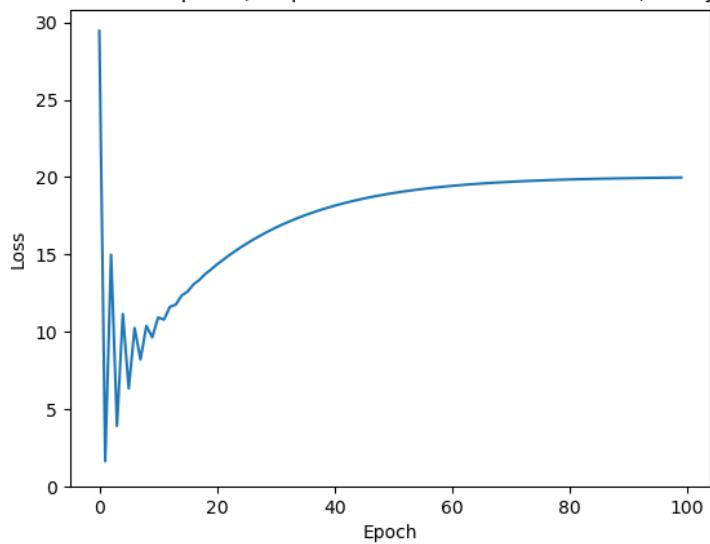
Loss over 100 epochs, step size=0.0393999999999884, decay=0.1



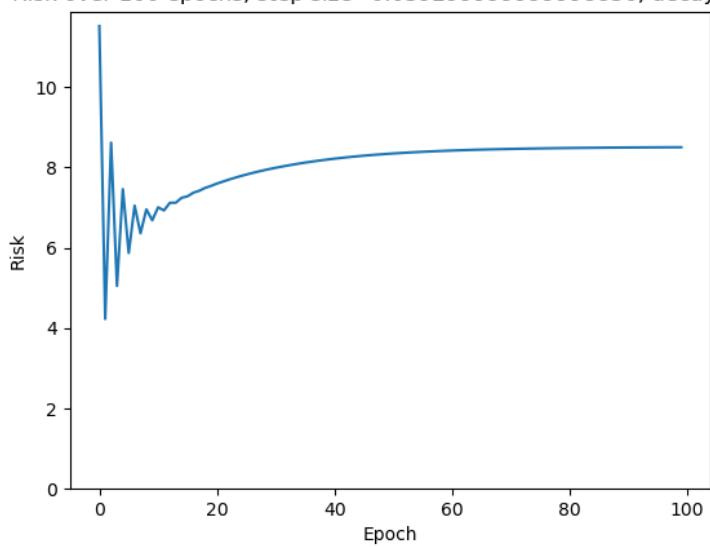
Risk over 100 epochs, step size=0.0393999999999884, decay=0.1

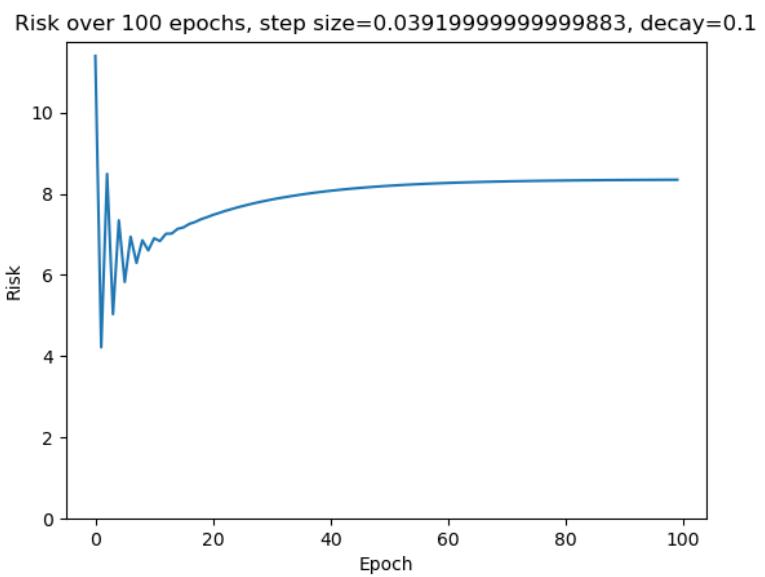
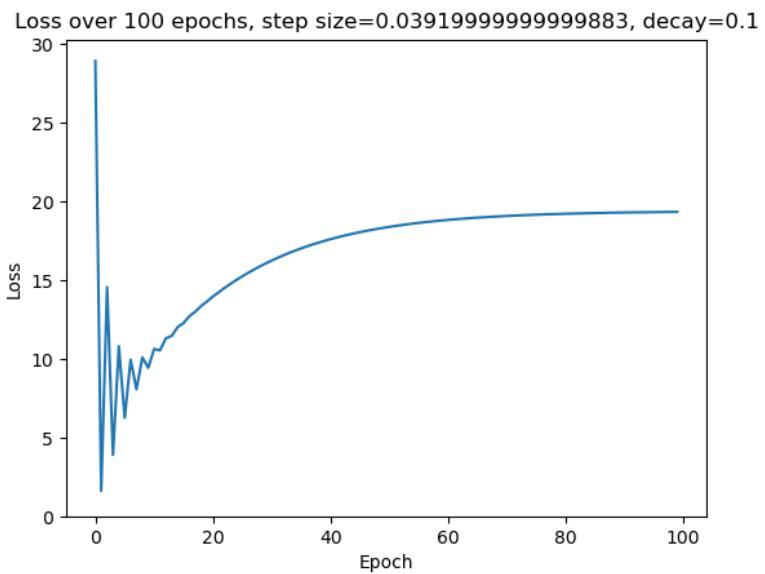


Loss over 100 epochs, step size=0.0392999999998836, decay=0.1

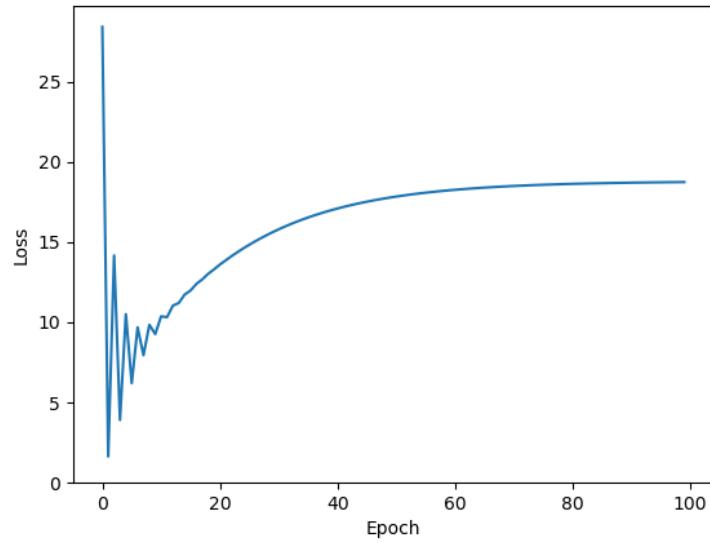


Risk over 100 epochs, step size=0.0392999999998836, decay=0.1

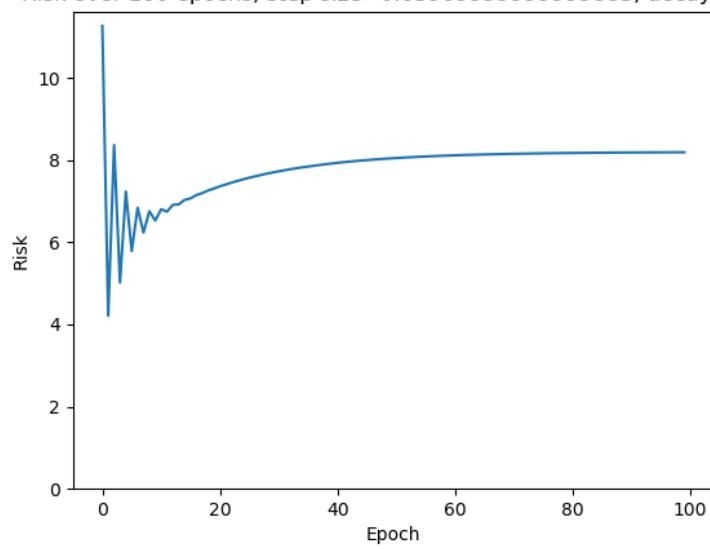




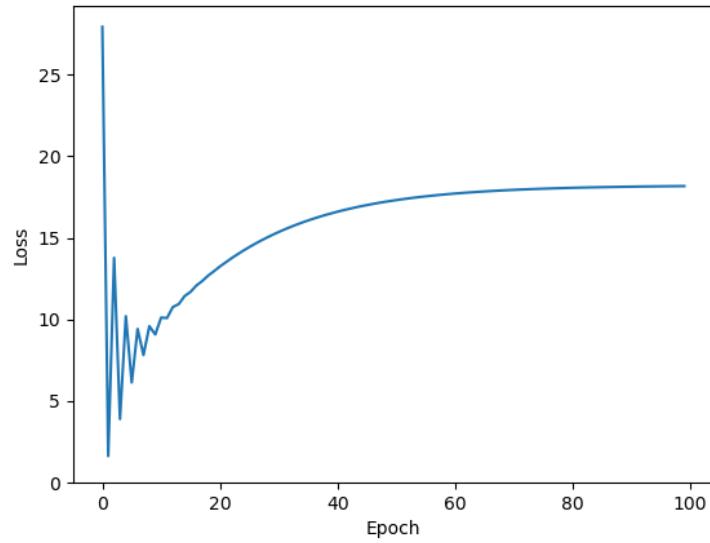
Loss over 100 epochs, step size=0.0390999999999883, decay=0.1



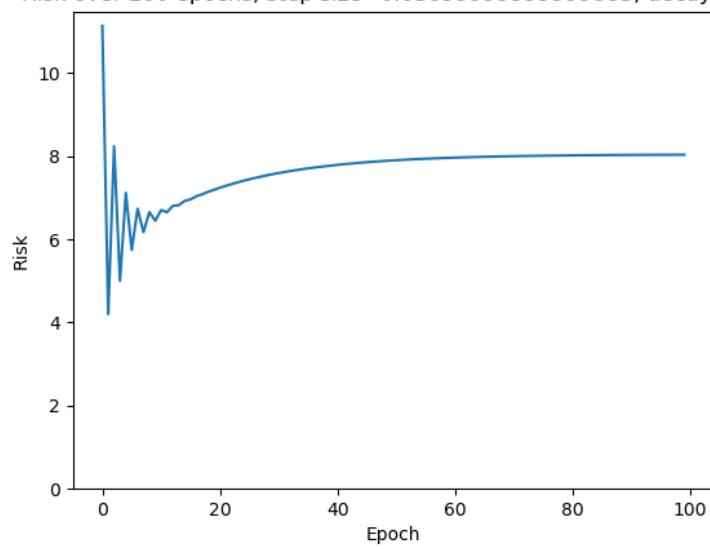
Risk over 100 epochs, step size=0.0390999999999883, decay=0.1



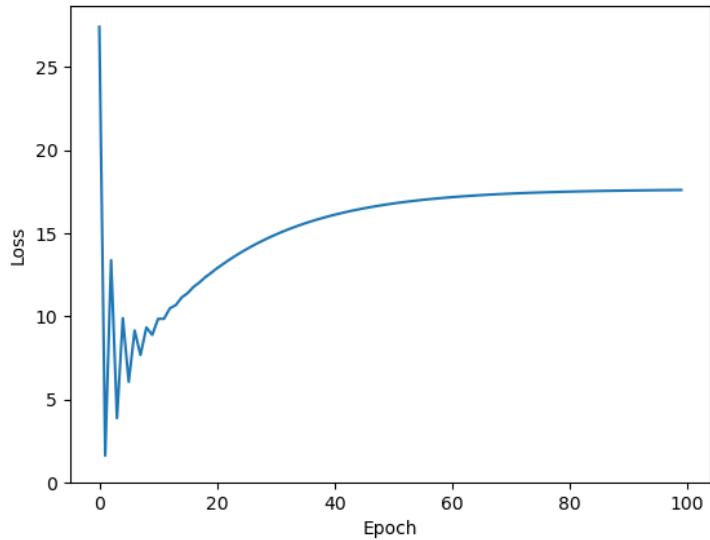
Loss over 100 epochs, step size=0.038999999999883, decay=0.1



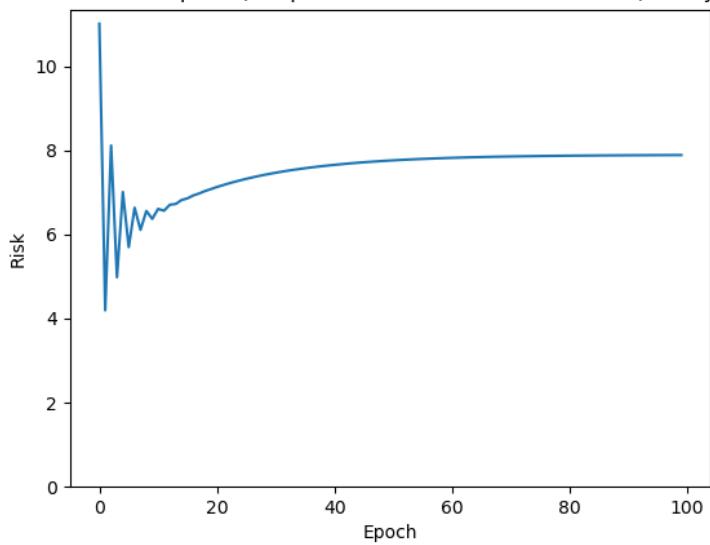
Risk over 100 epochs, step size=0.038999999999883, decay=0.1



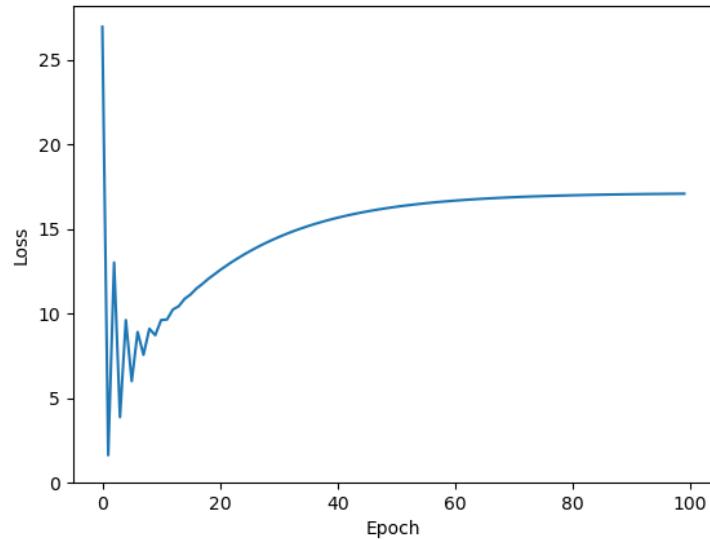
Loss over 100 epochs, step size=0.0388999999998824, decay=0.1



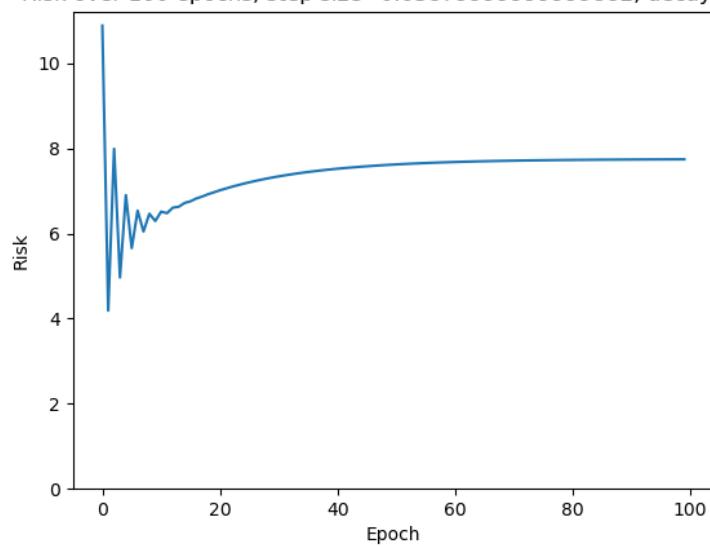
Risk over 100 epochs, step size=0.0388999999998824, decay=0.1



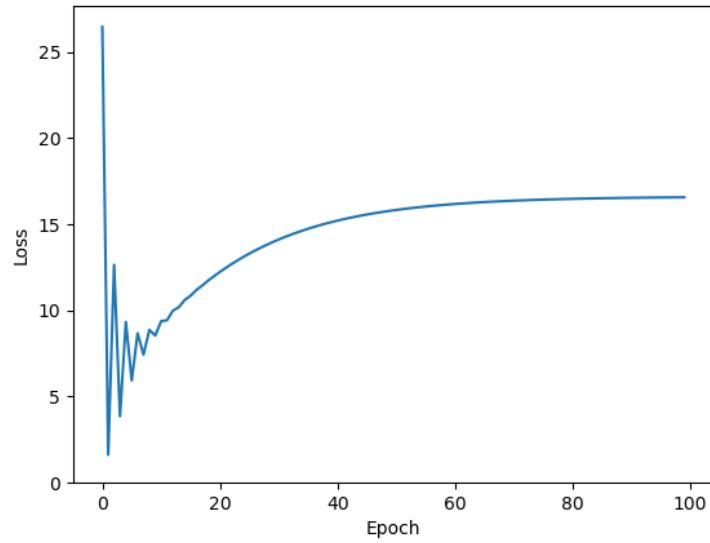
Loss over 100 epochs, step size=0.038799999999882, decay=0.1



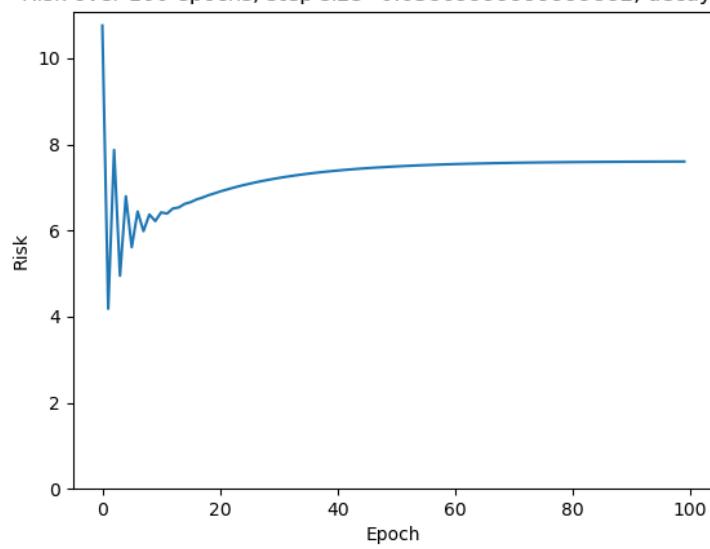
Risk over 100 epochs, step size=0.038799999999882, decay=0.1



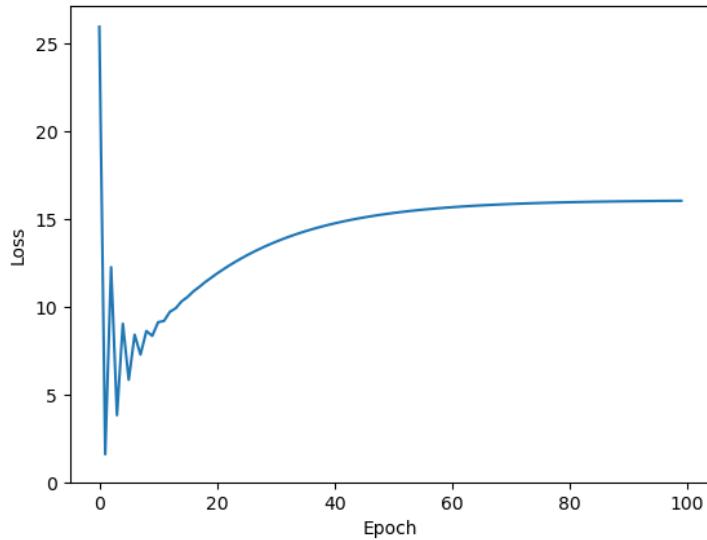
Loss over 100 epochs, step size=0.0386999999999882, decay=0.1



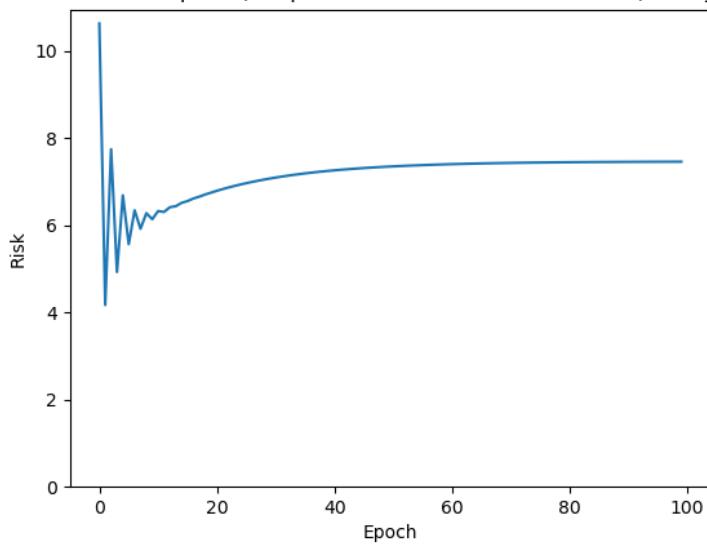
Risk over 100 epochs, step size=0.0386999999999882, decay=0.1



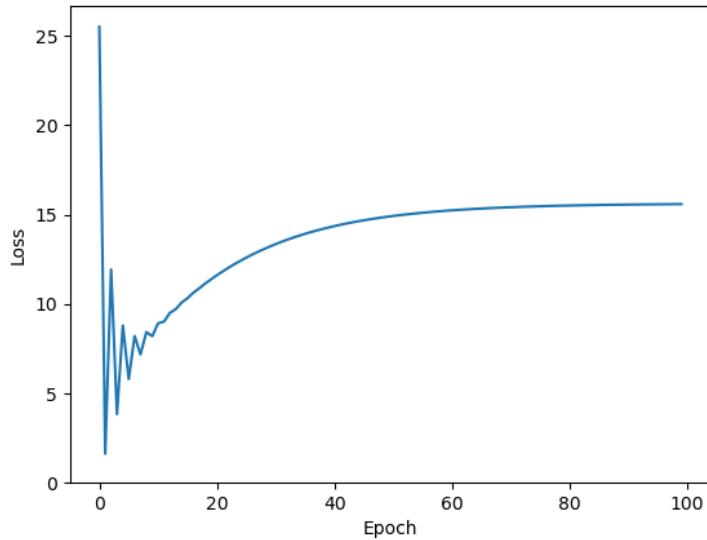
Loss over 100 epochs, step size=0.03859999999998816, decay=0.1



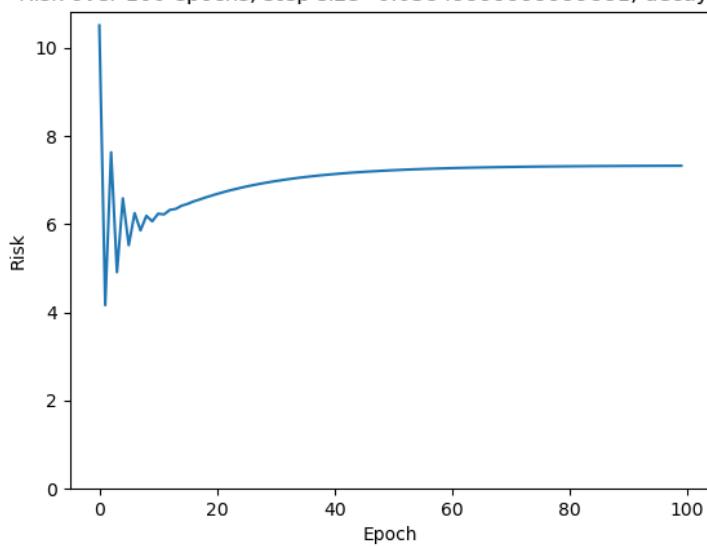
Risk over 100 epochs, step size=0.03859999999998816, decay=0.1



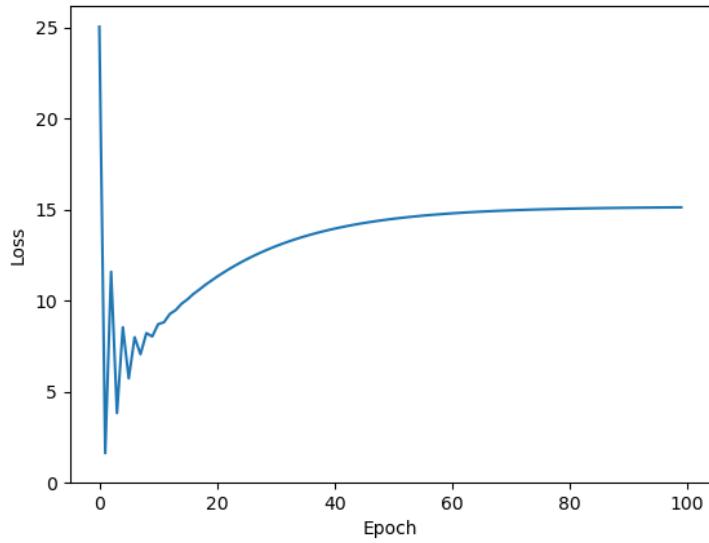
Loss over 100 epochs, step size=0.038499999999881, decay=0.1



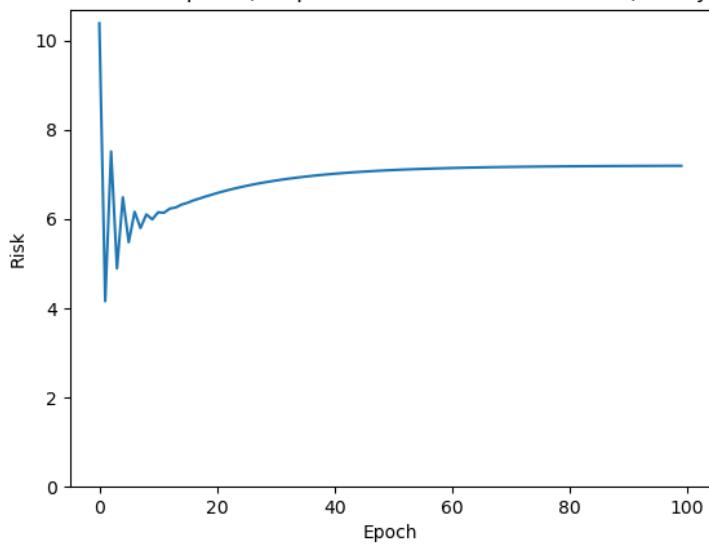
Risk over 100 epochs, step size=0.038499999999881, decay=0.1



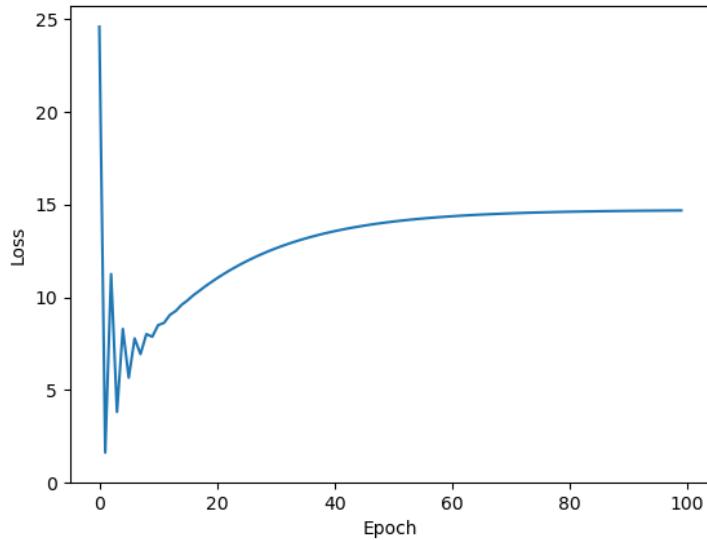
Loss over 100 epochs, step size=0.038399999999881, decay=0.1



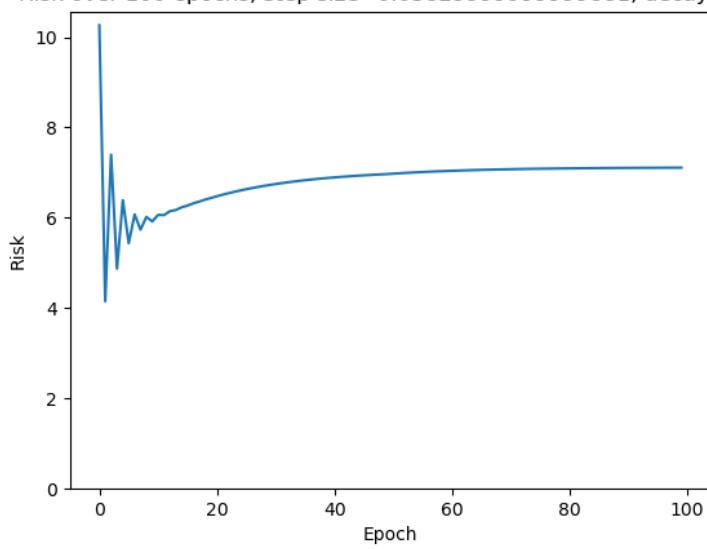
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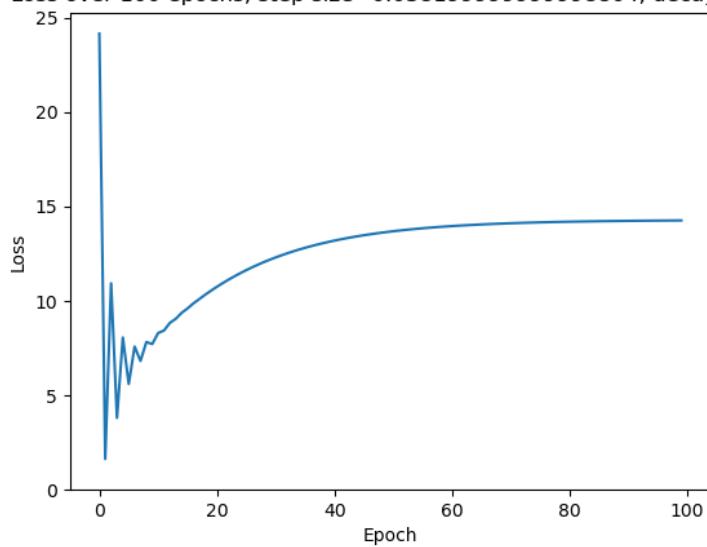
Loss over 100 epochs, step size=0.0382999999999881, decay=0.1



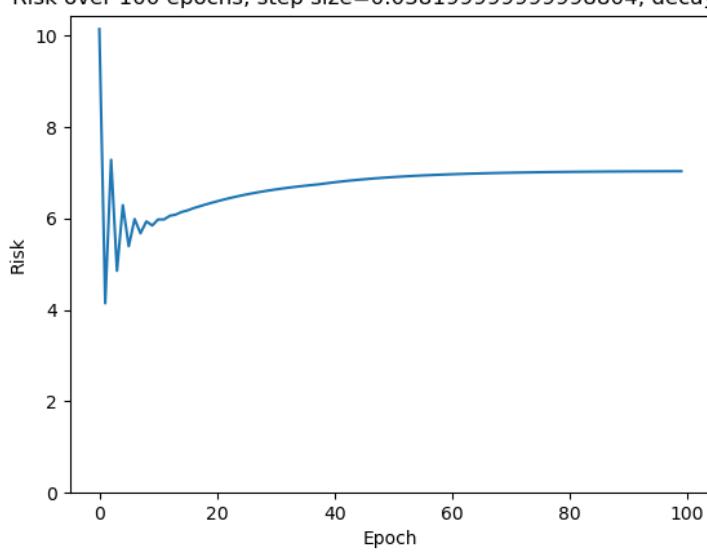
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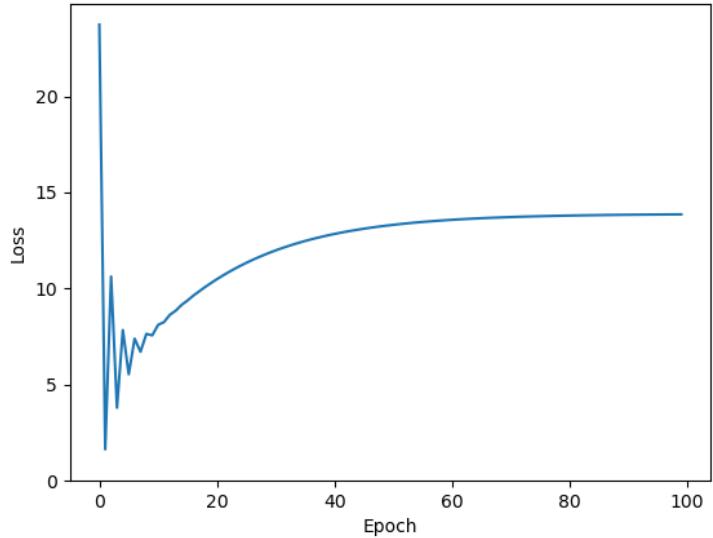
Loss over 100 epochs, step size=0.0381999999998804, decay=0.1



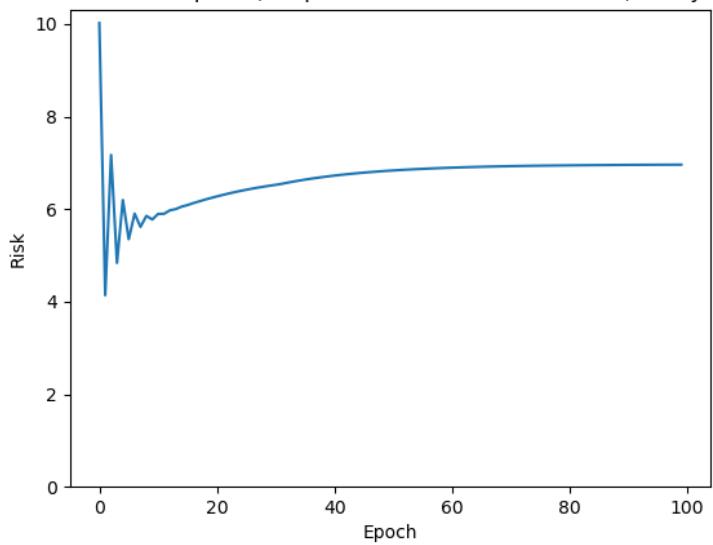
Risk over 100 epochs, step size=0.0381999999998804, decay=0.1



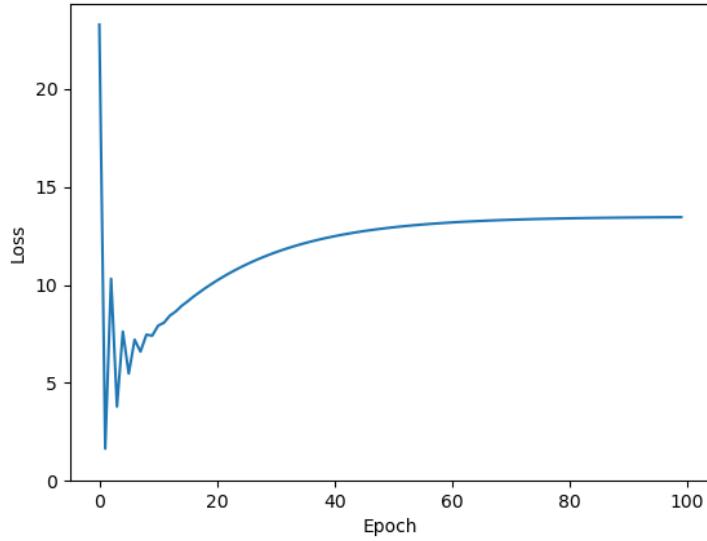
Loss over 100 epochs, step size=0.03809999999988, decay=0.1



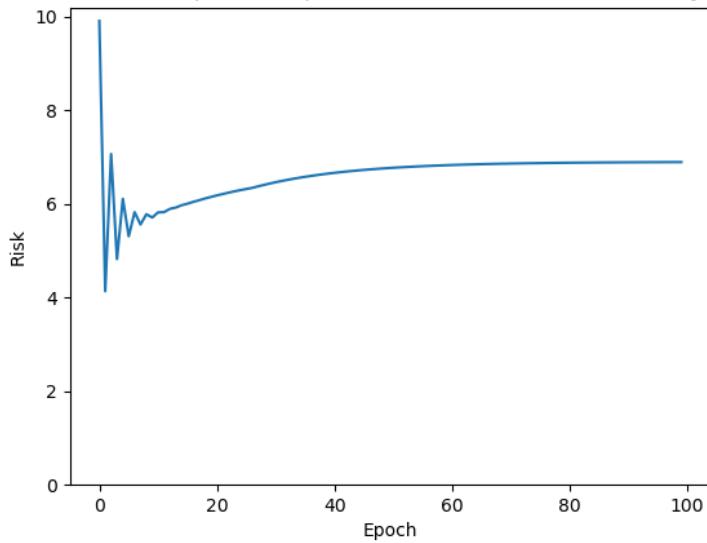
Risk over 100 epochs, step size=0.03809999999988, decay=0.1



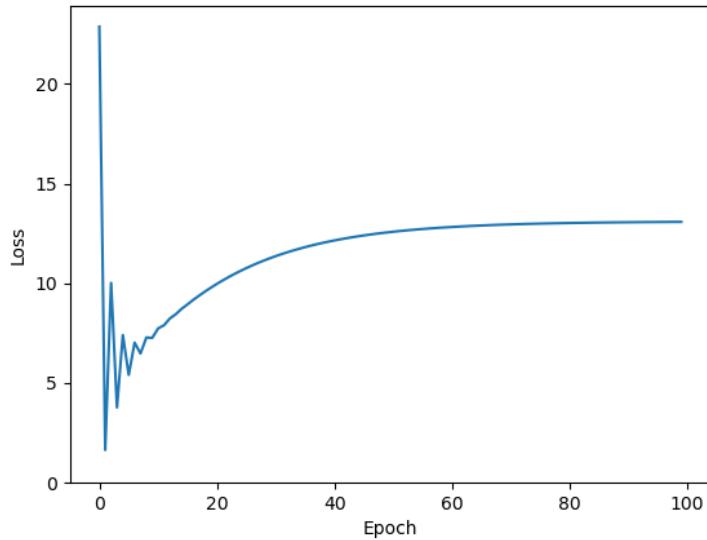
Loss over 100 epochs, step size=0.03799999999988, decay=0.1



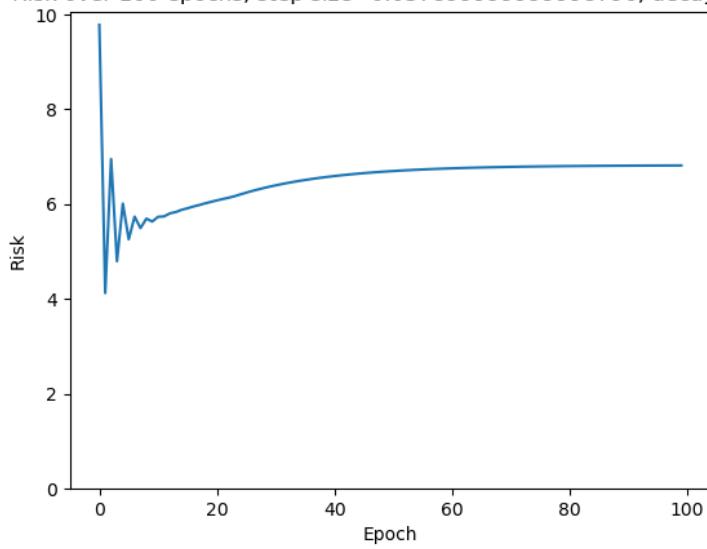
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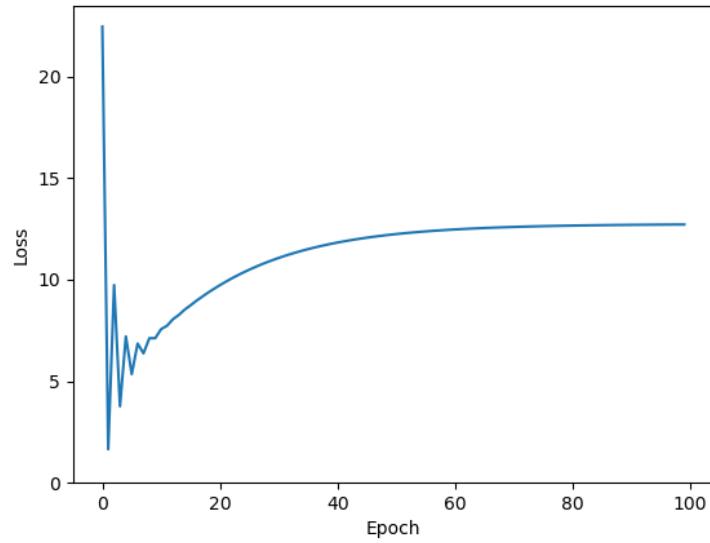
Loss over 100 epochs, step size=0.0378999999998796, decay=0.1



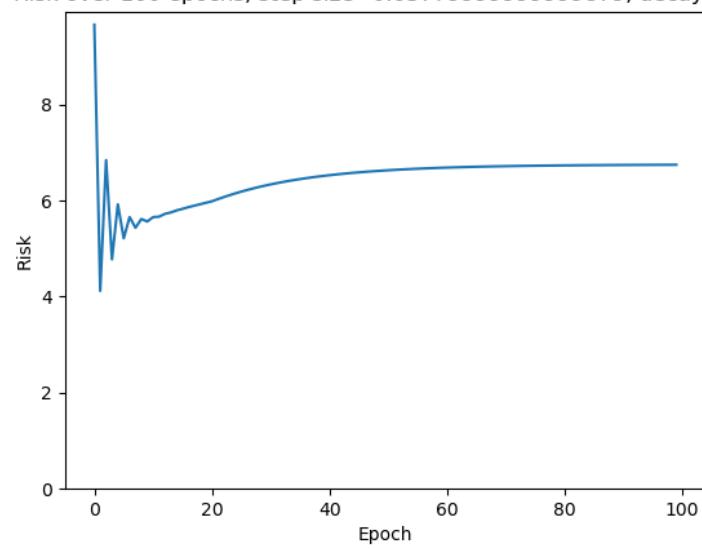
Risk over 100 epochs, step size=0.0378999999998796, decay=0.1



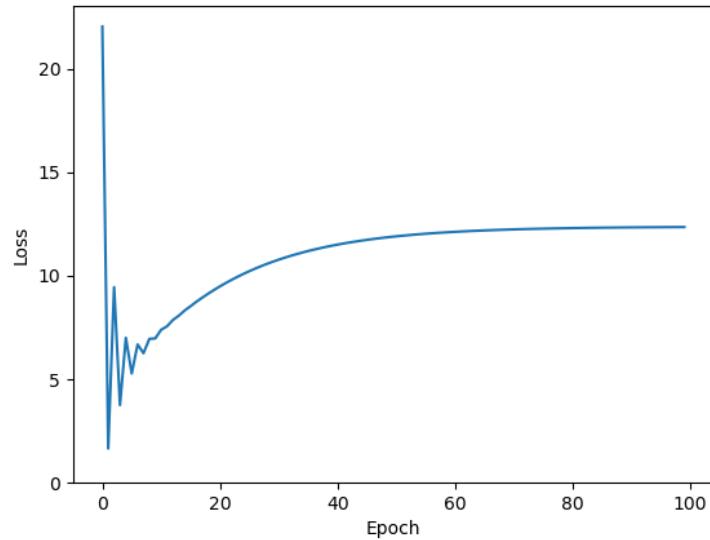
Loss over 100 epochs, step size=0.0377999999999879, decay=0.1



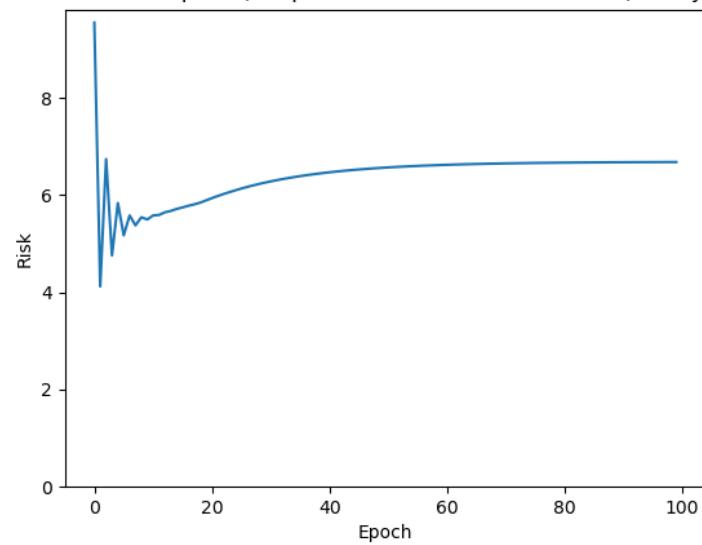
Risk over 100 epochs, step size=0.0377999999999879, decay=0.1



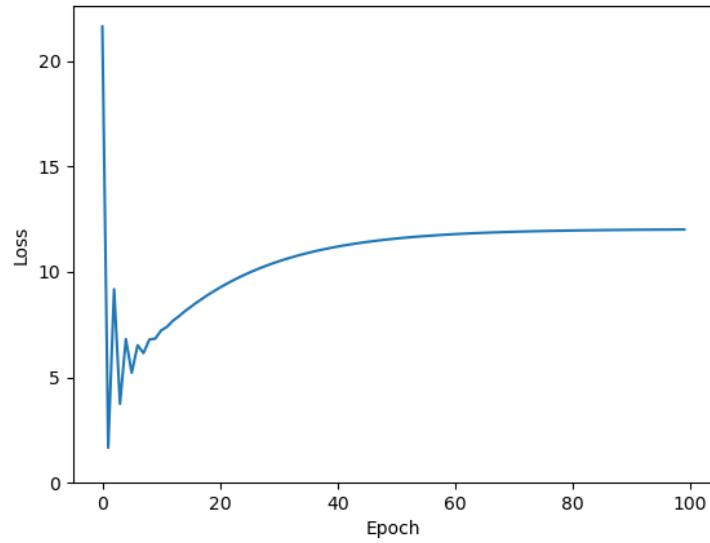
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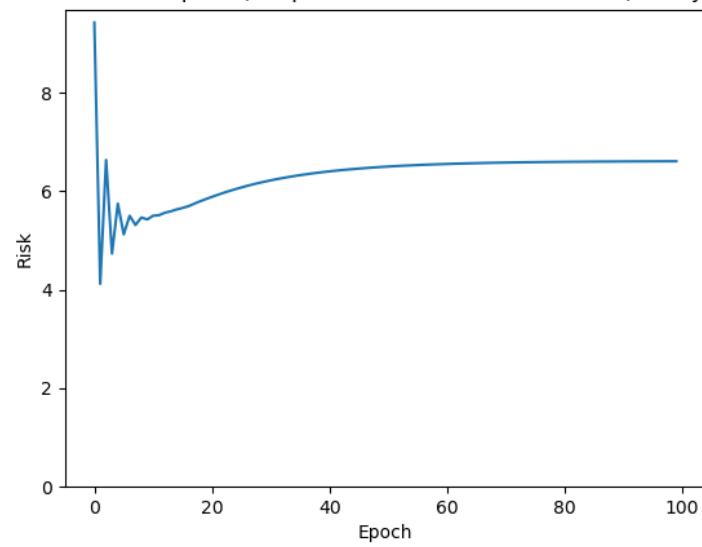
Risk over 100 epochs, step size=0.0376999999999879, decay=0.1



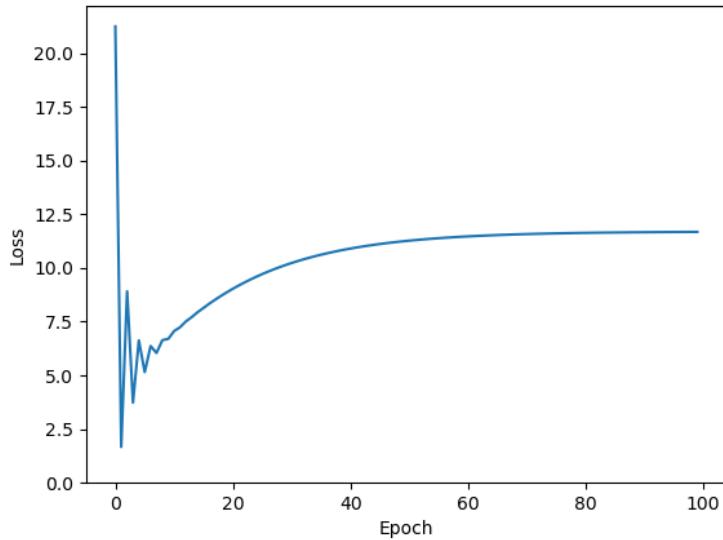
Loss over 100 epochs, step size=0.0375999999999879, decay=0.1



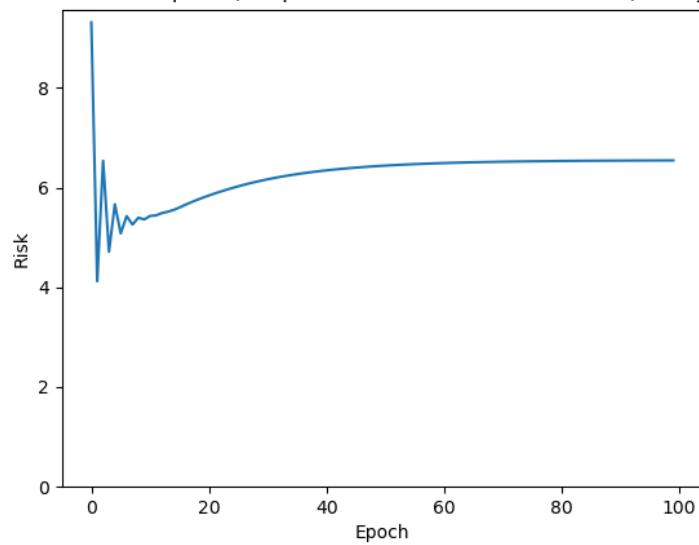
Risk over 100 epochs, step size=0.0375999999999879, decay=0.1



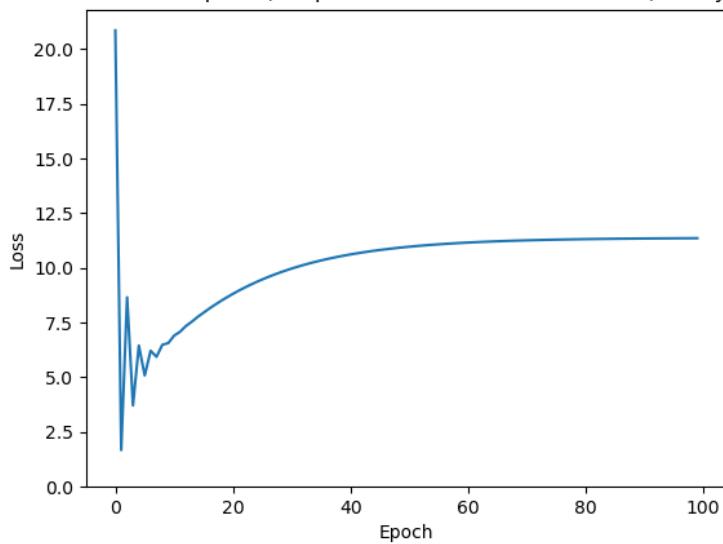
Loss over 100 epochs, step size=0.0374999999998784, decay=0.1



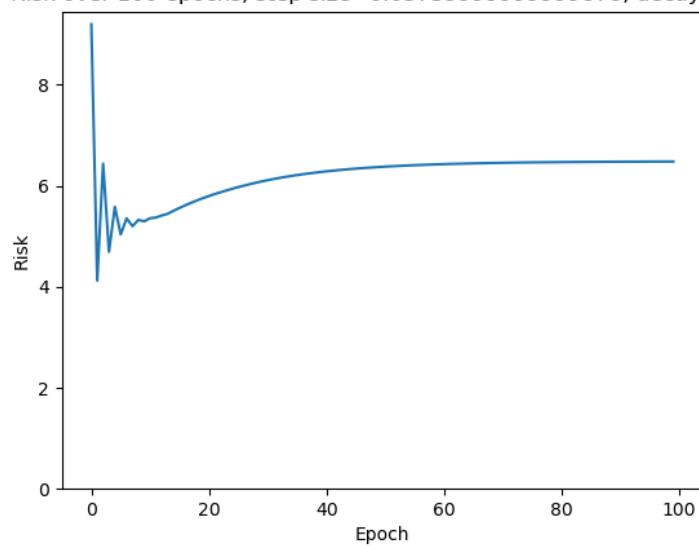
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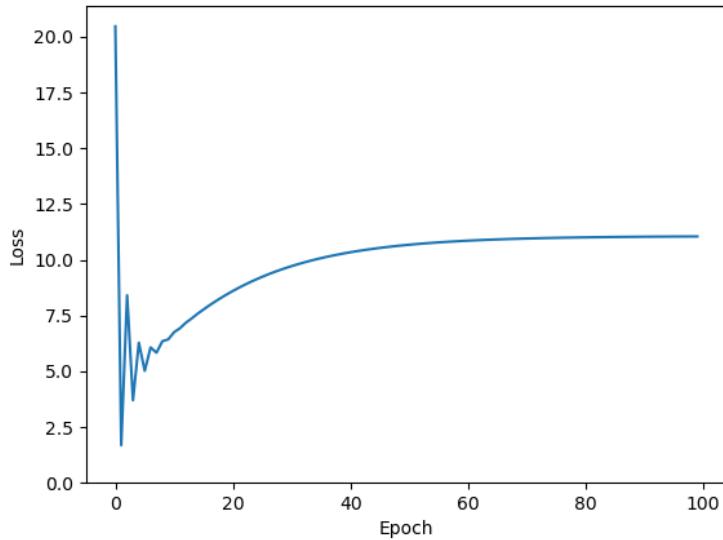
Loss over 100 epochs, step size=0.0373999999999878, decay=0.1



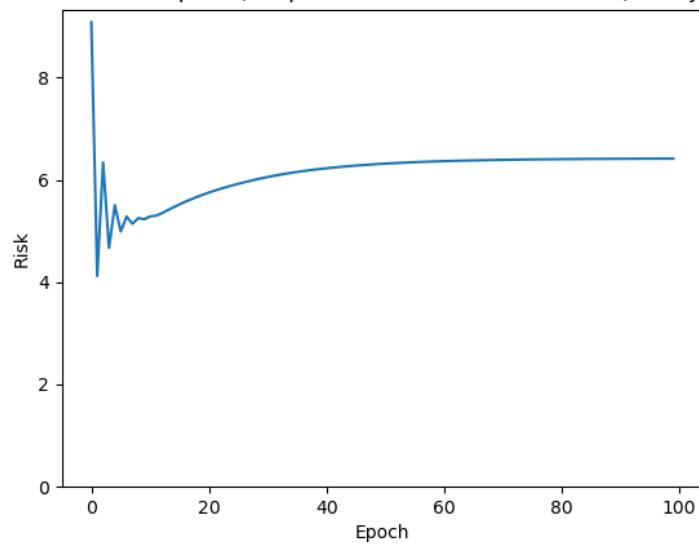
Risk over 100 epochs, step size=0.0373999999999878, decay=0.1



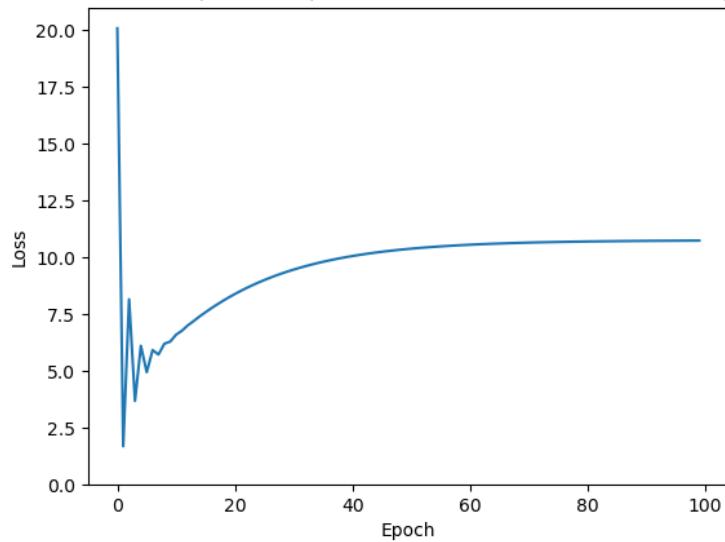
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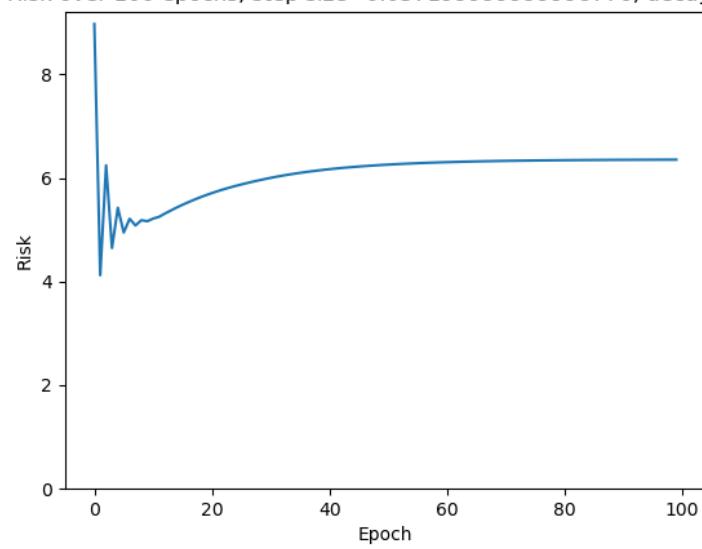
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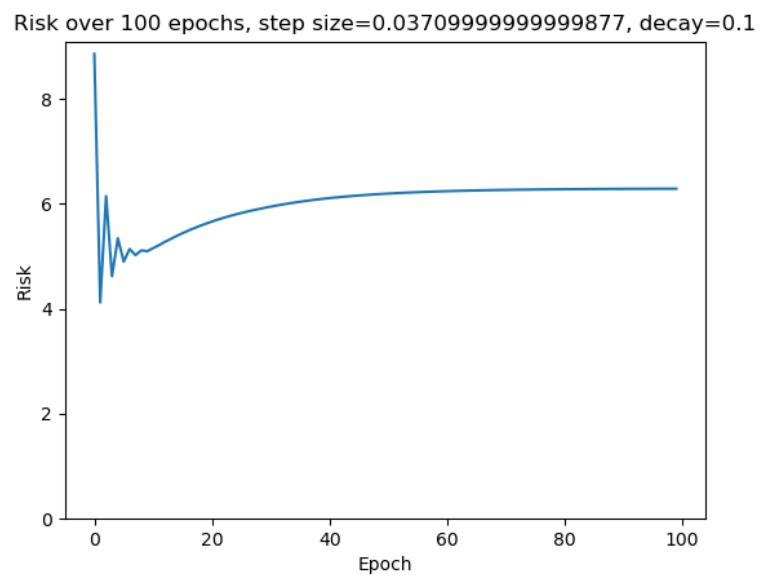
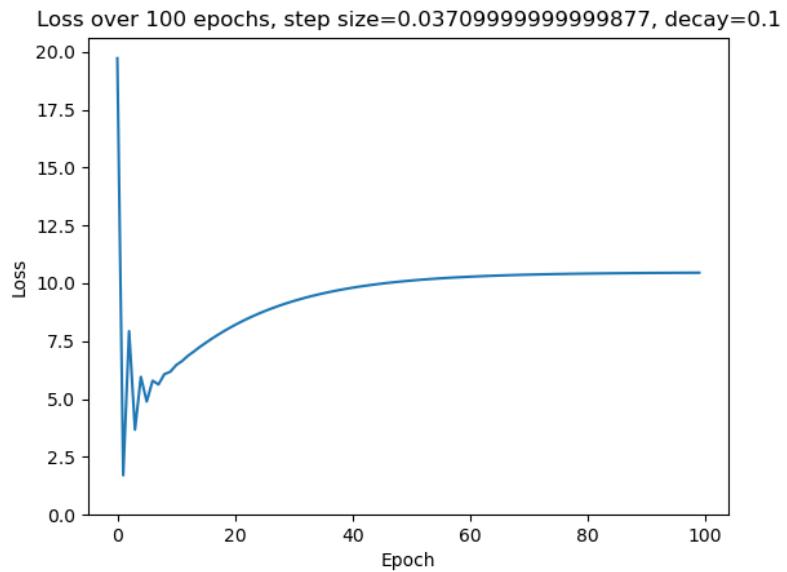


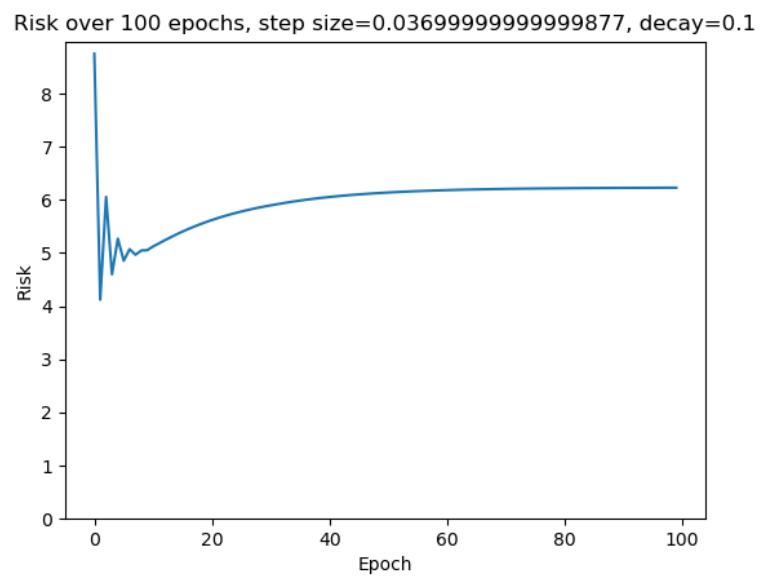
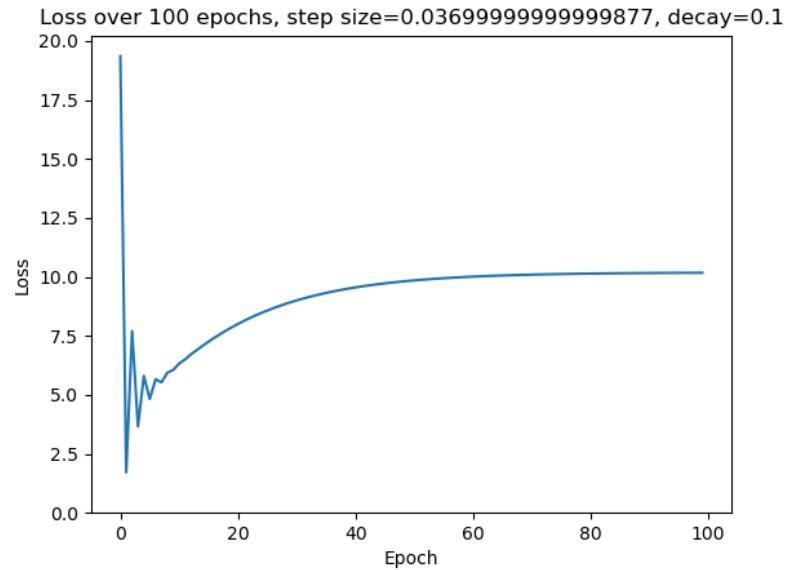
Loss over 100 epochs, step size=0.0371999999998776, decay=0.1



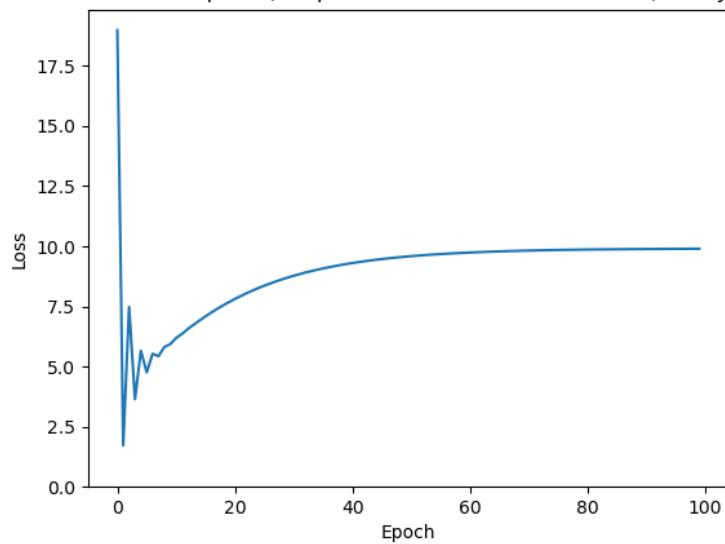
Risk over 100 epochs, step size=0.0371999999998776, decay=0.1



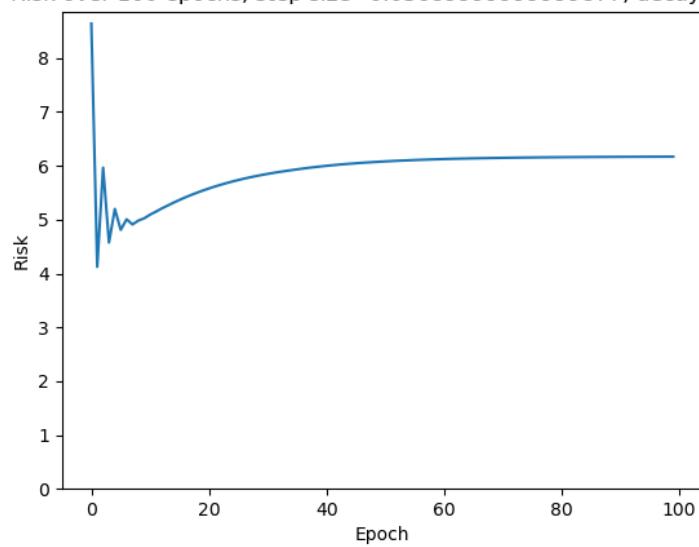




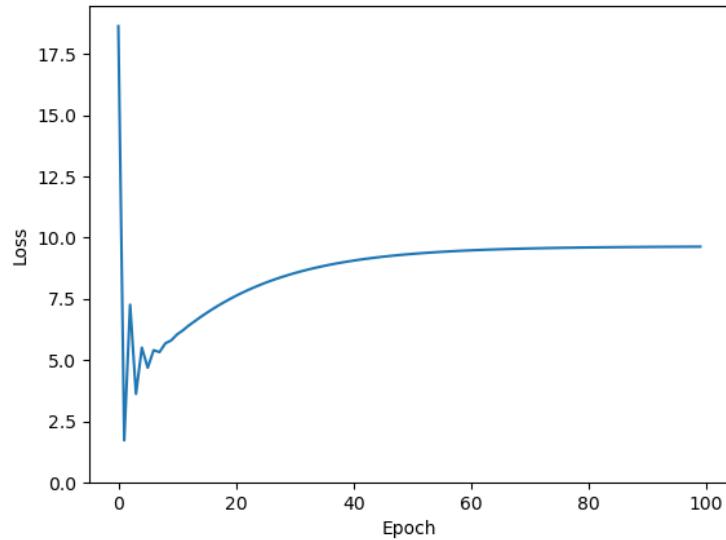
Loss over 100 epochs, step size=0.0368999999999877, decay=0.1



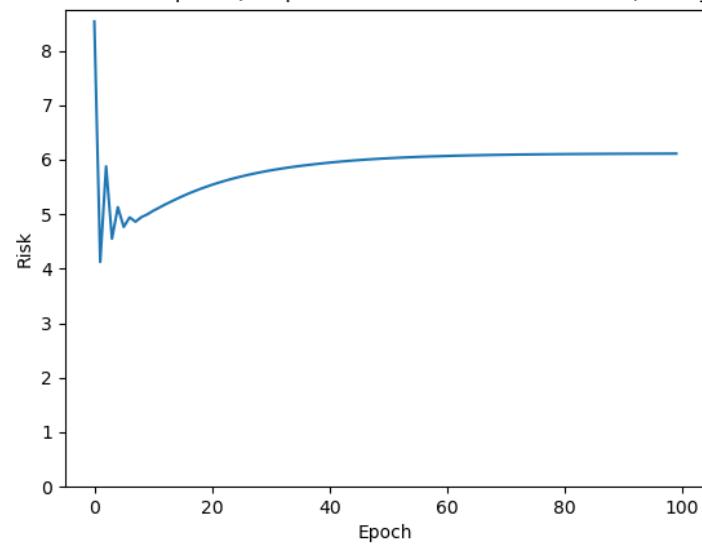
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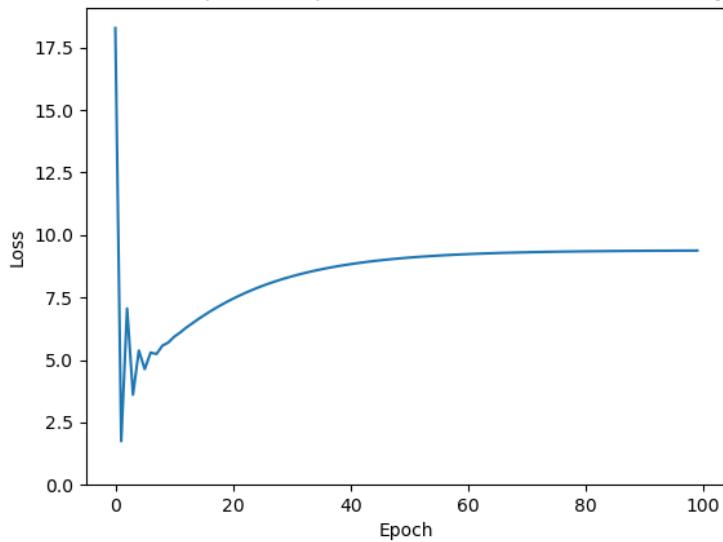
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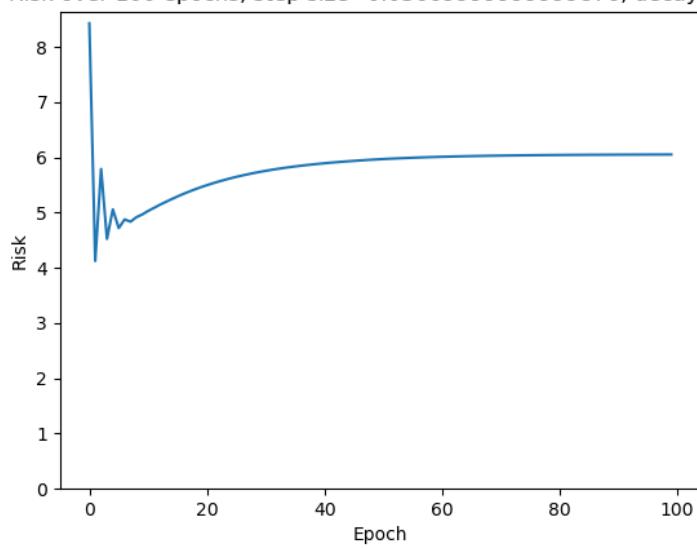
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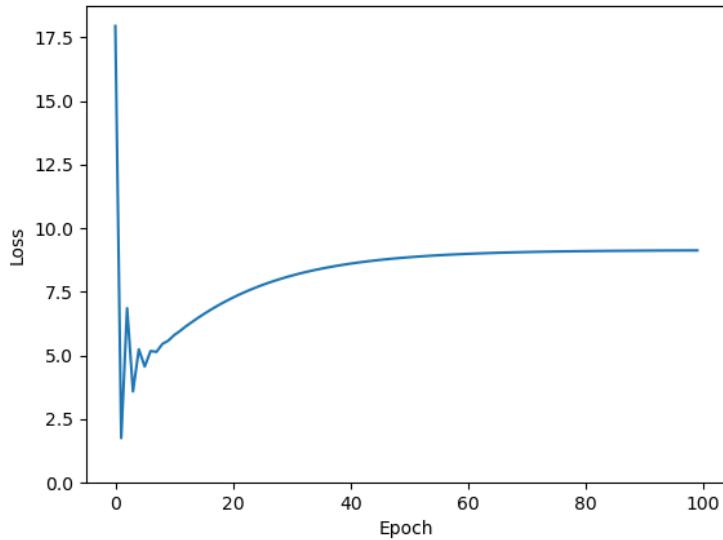
Loss over 100 epochs, step size=0.0366999999999876, decay=0.1



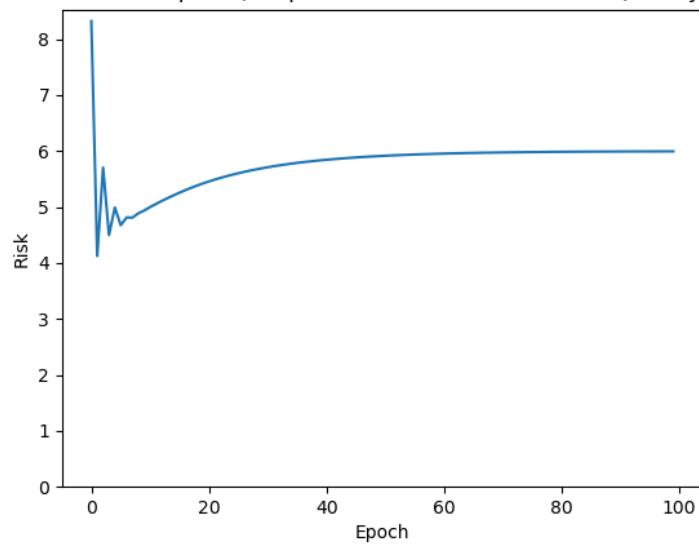
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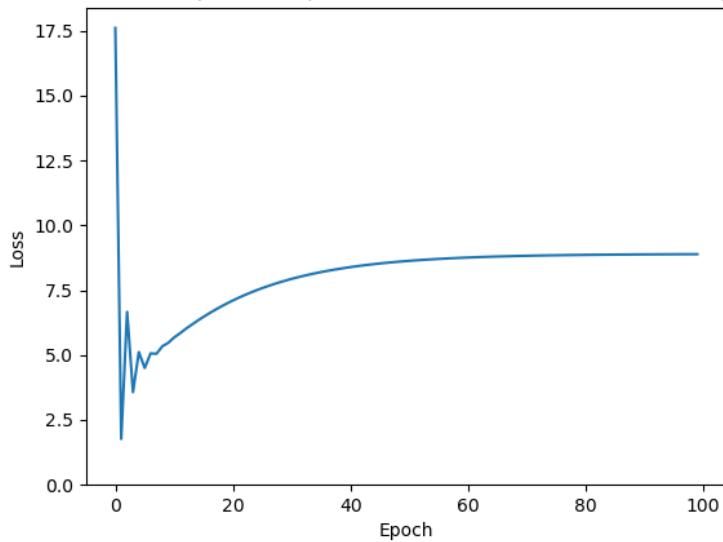
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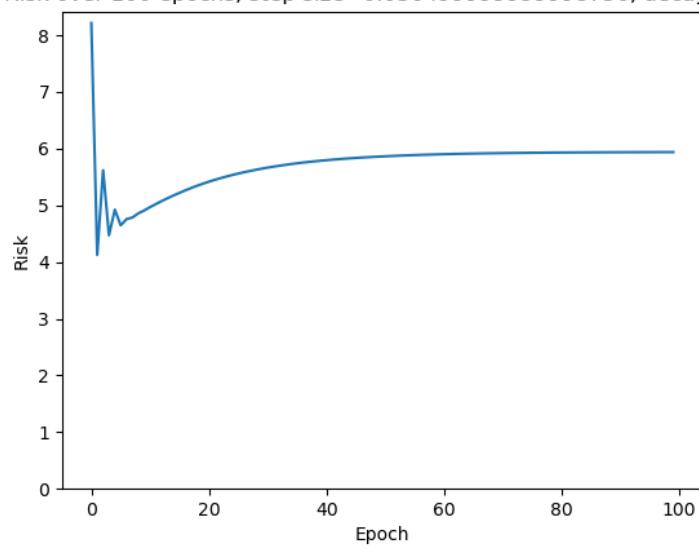
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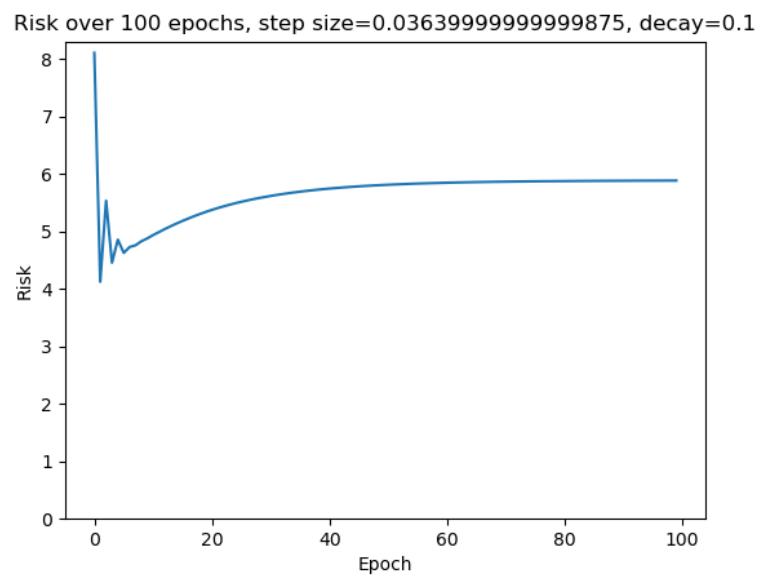
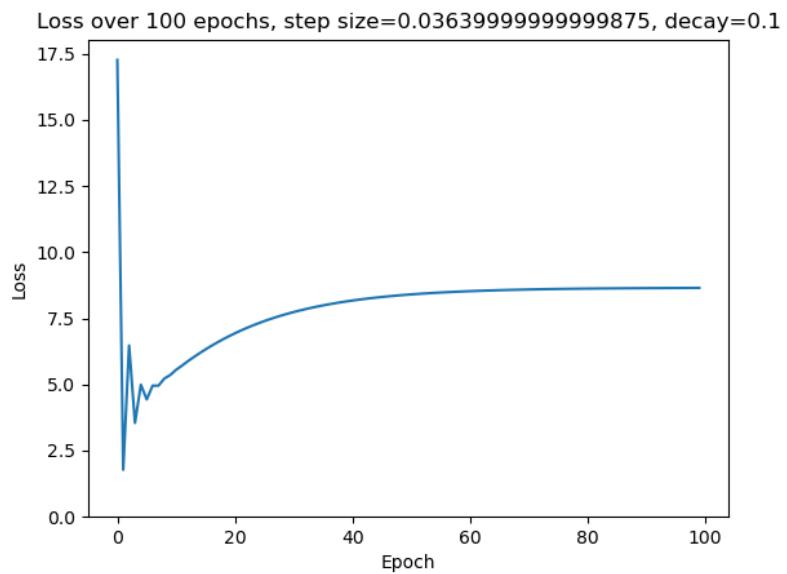


Loss over 100 epochs, step size=0.0364999999998756, decay=0.1

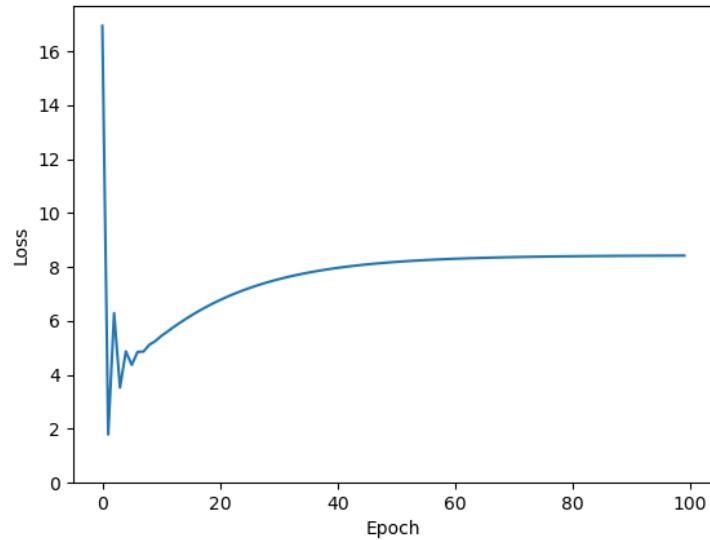


Risk over 100 epochs, step size=0.0364999999998756, decay=0.1

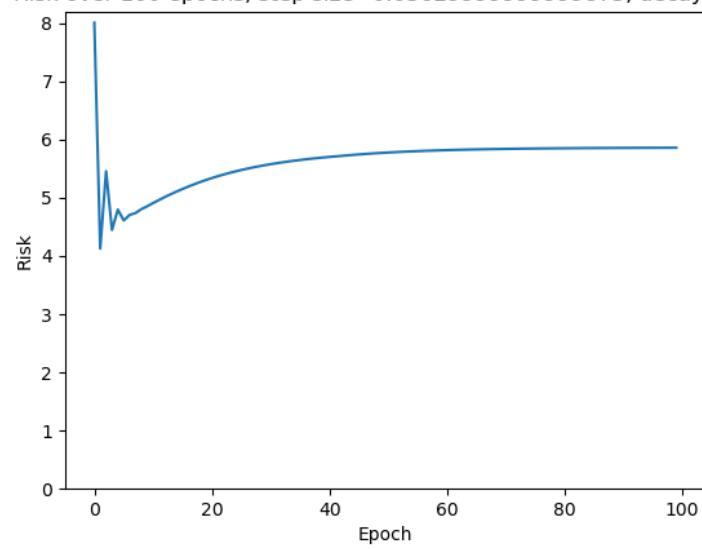




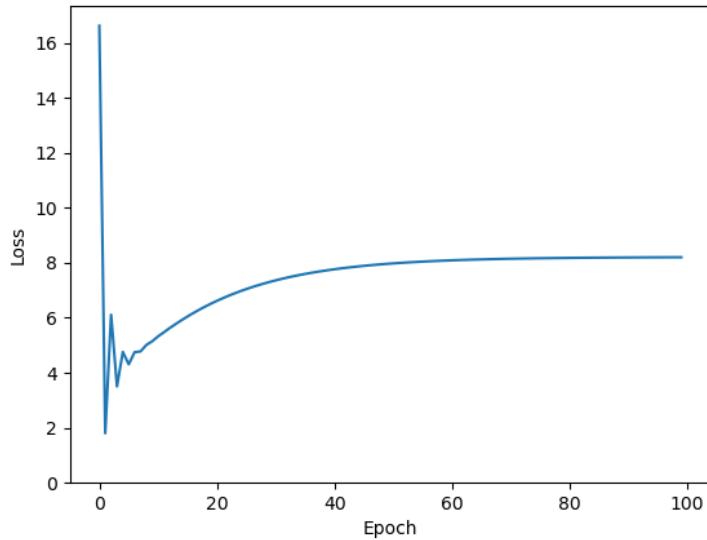
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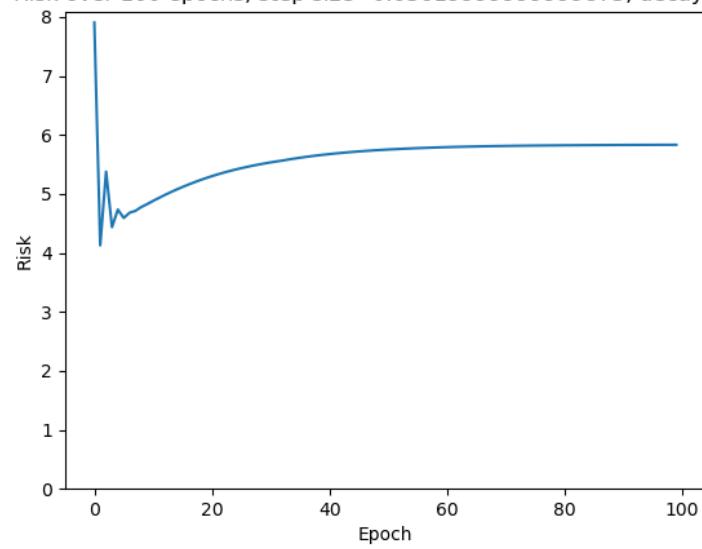
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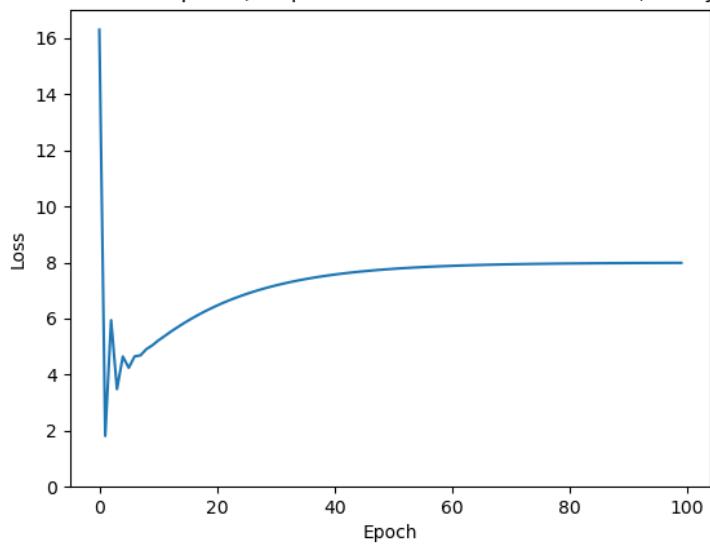
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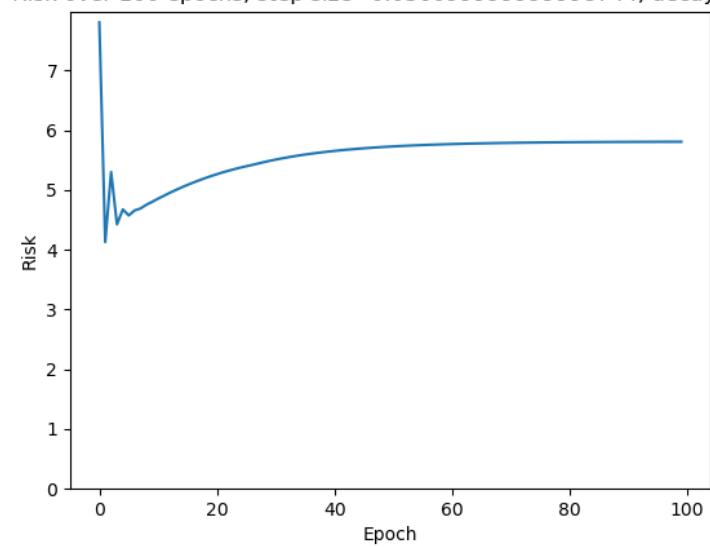
Risk over 100 epochs, step size=0.0361999999999875, decay=0.1



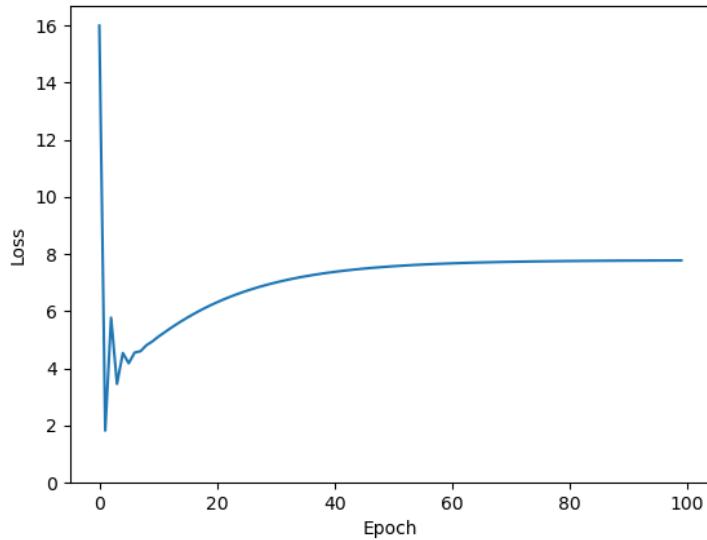
Loss over 100 epochs, step size=0.0360999999998744, decay=0.1



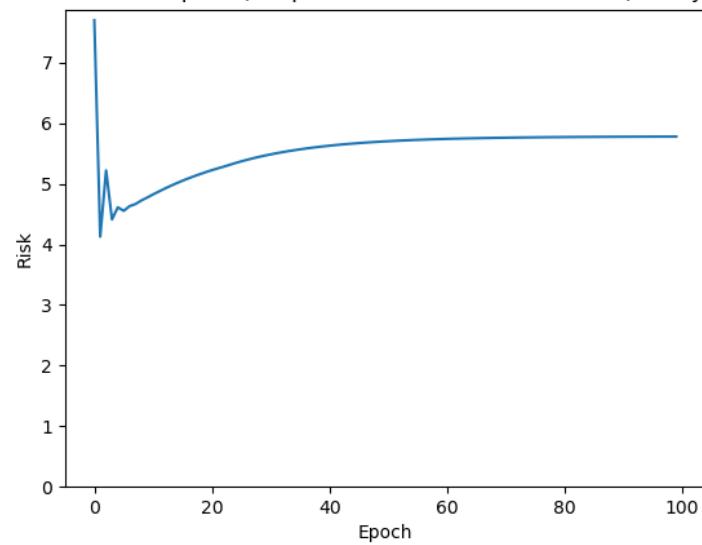
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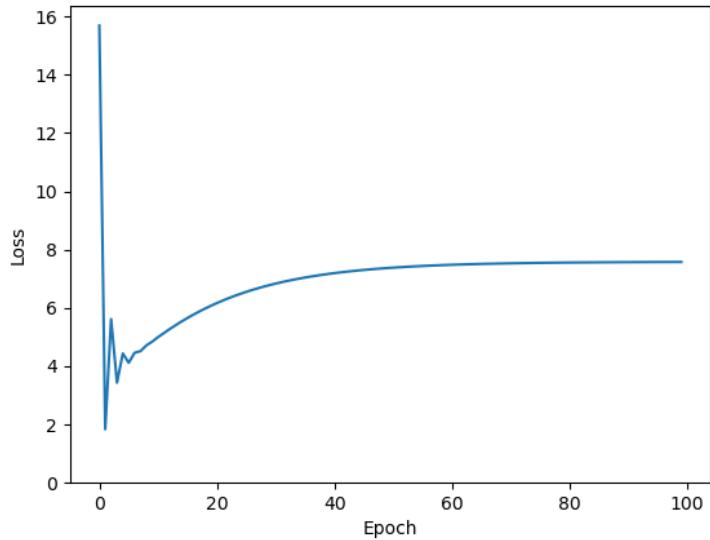
Loss over 100 epochs, step size=0.035999999999874, decay=0.1



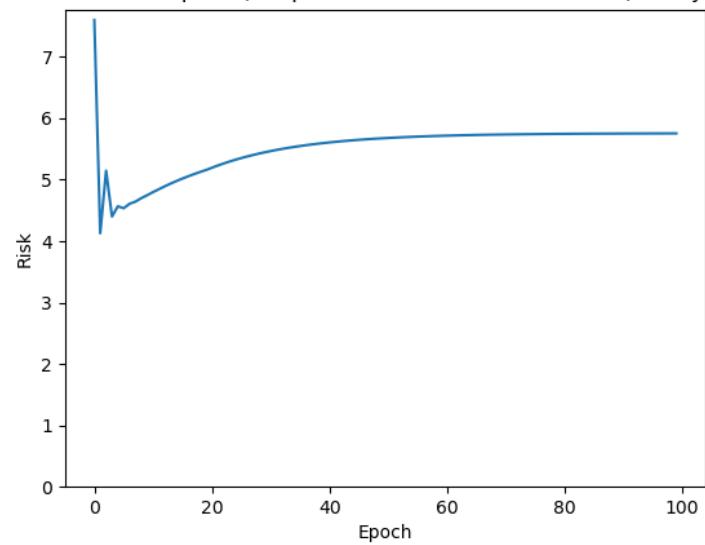
Risk over 100 epochs, step size=0.035999999999874, decay=0.1



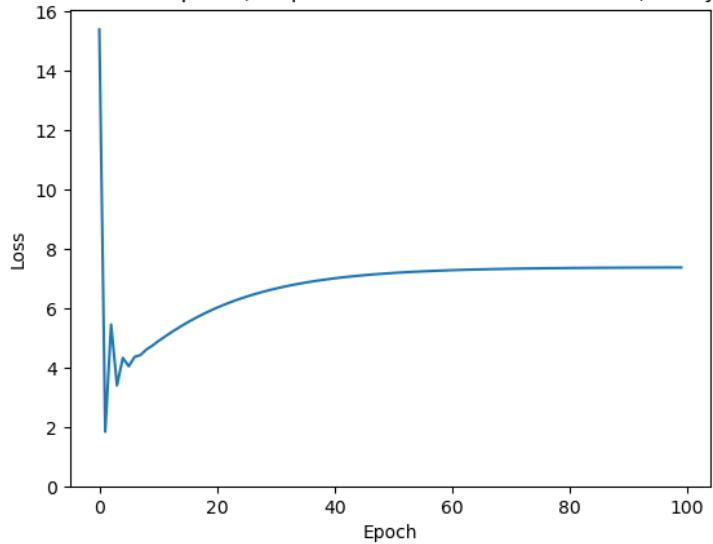
Loss over 100 epochs, step size=0.0358999999999874, decay=0.1



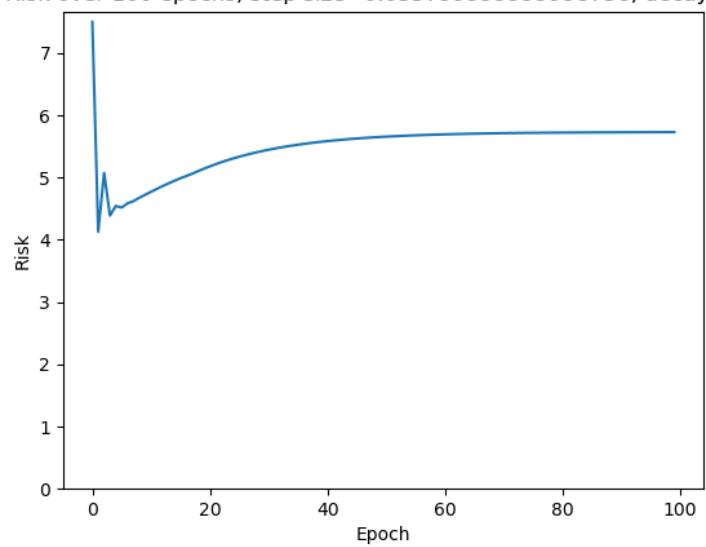
Risk over 100 epochs, step size=0.0358999999999874, decay=0.1



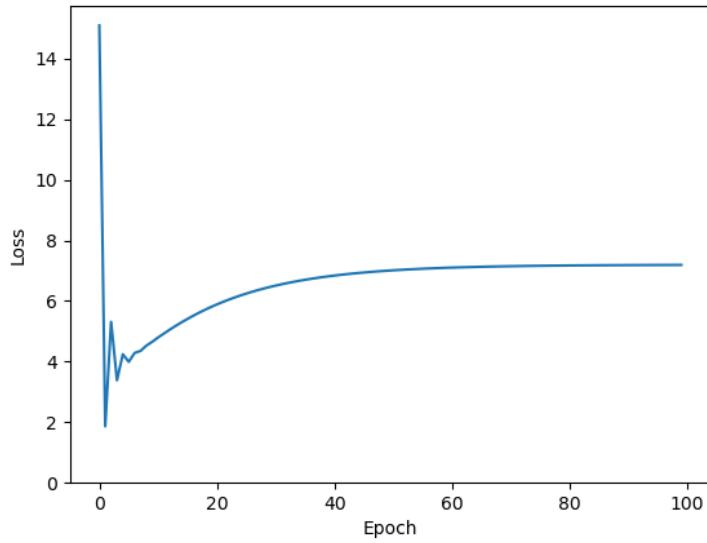
Loss over 100 epochs, step size=0.0357999999998736, decay=0.1



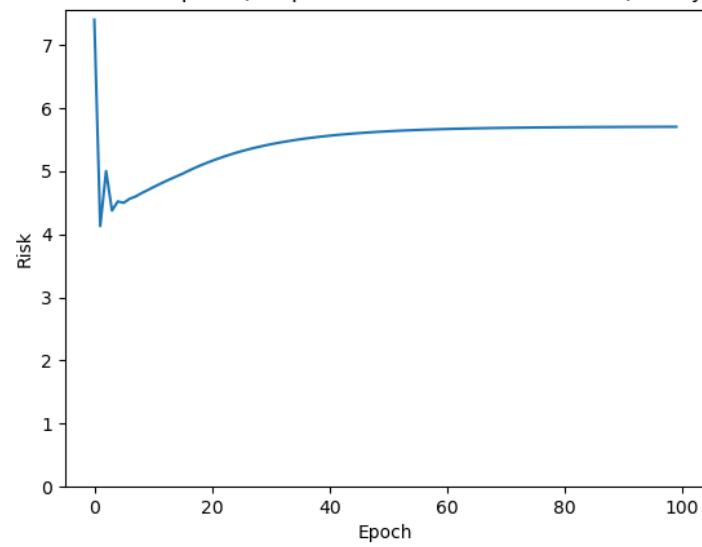
Risk over 100 epochs, step size=0.0357999999998736, decay=0.1



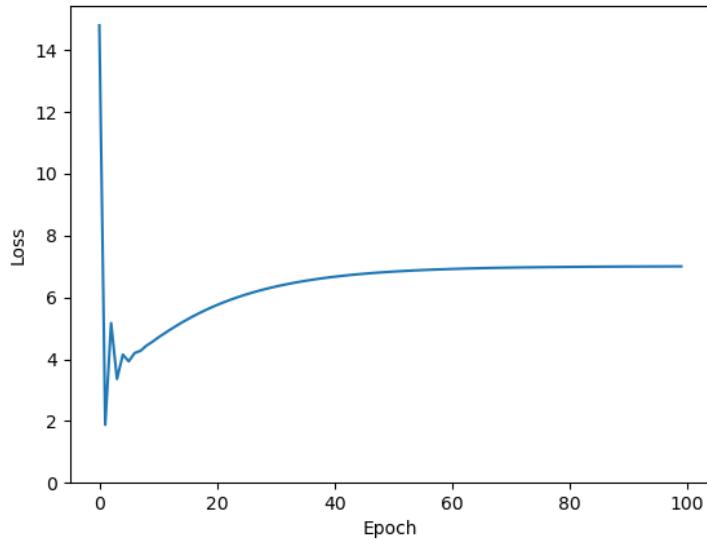
Loss over 100 epochs, step size=0.0356999999999873, decay=0.1



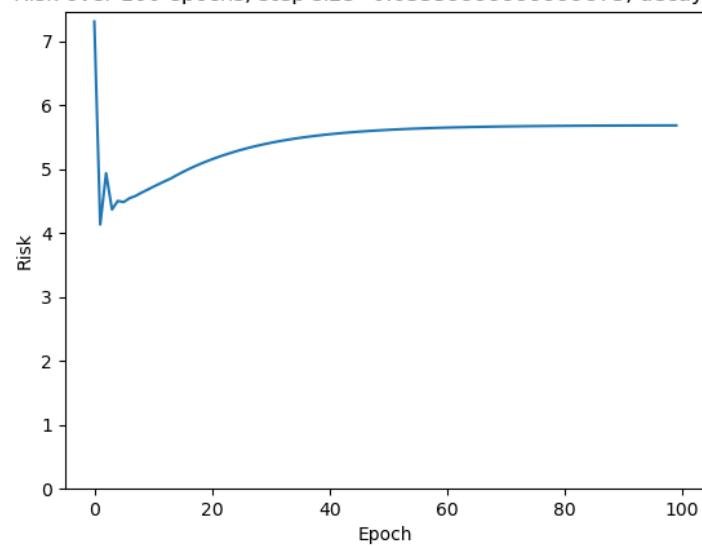
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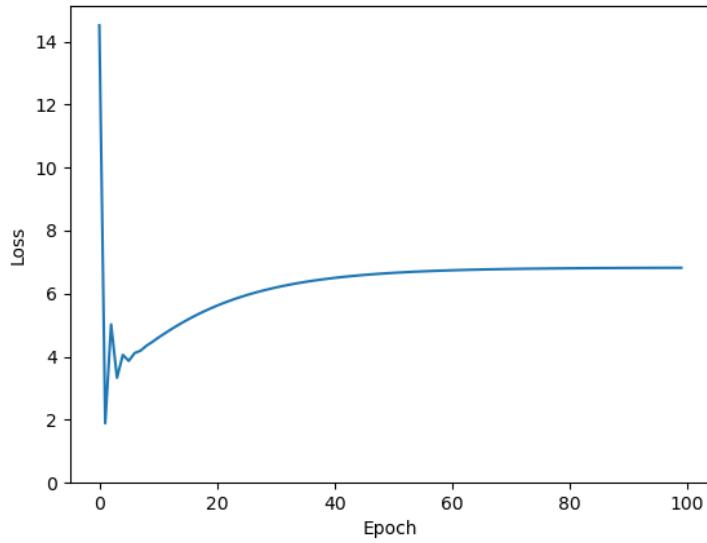
Loss over 100 epochs, step size=0.0355999999999873, decay=0.1



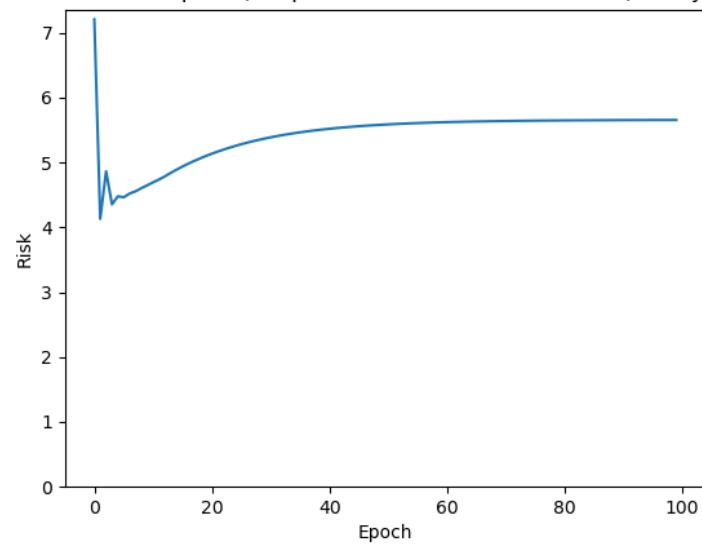
Risk over 100 epochs, step size=0.0355999999999873, decay=0.1



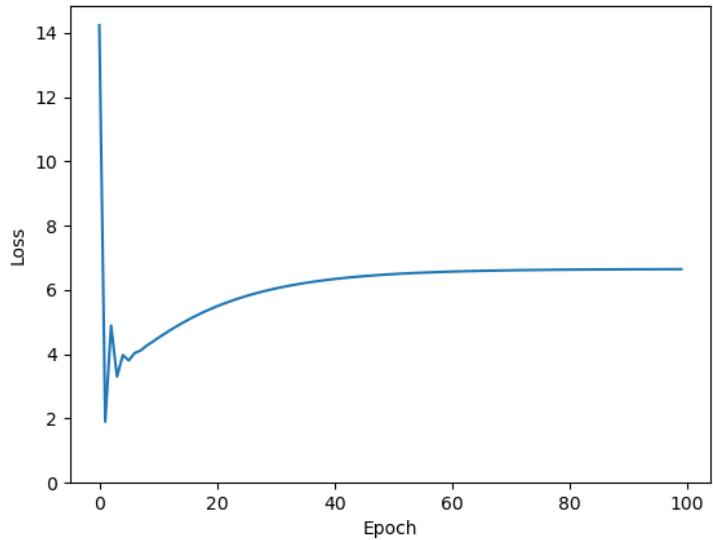
Loss over 100 epochs, step size=0.0354999999999873, decay=0.1



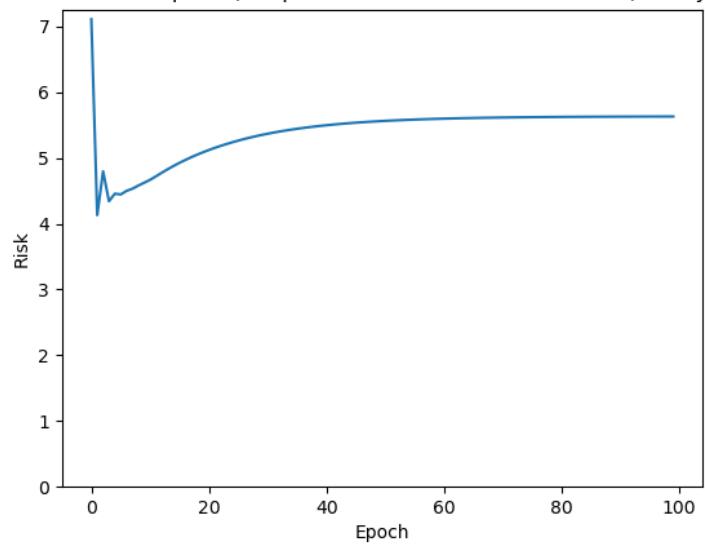
Risk over 100 epochs, step size=0.0354999999999873, decay=0.1



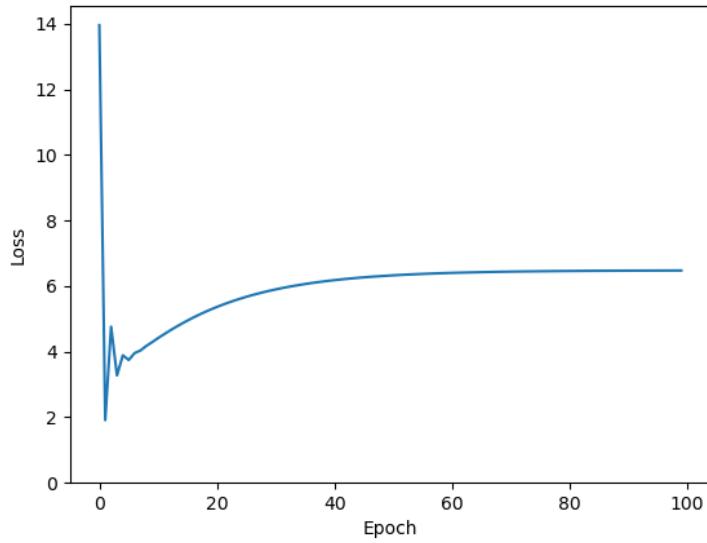
Loss over 100 epochs, step size=0.0353999999998724, decay=0.1



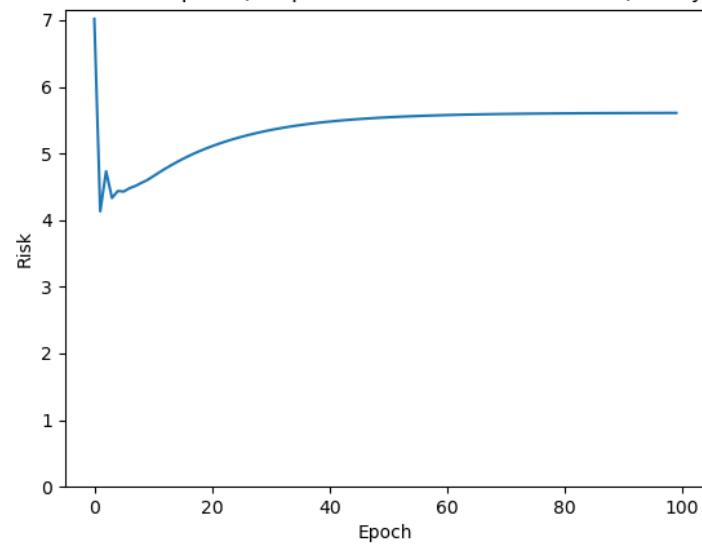
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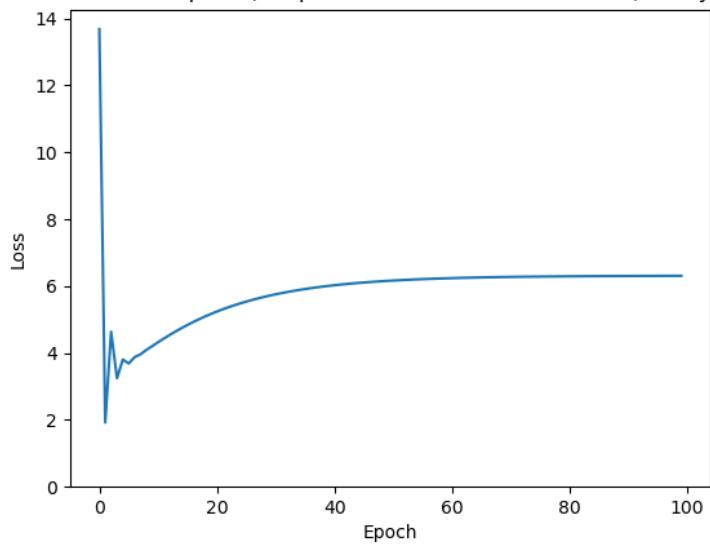
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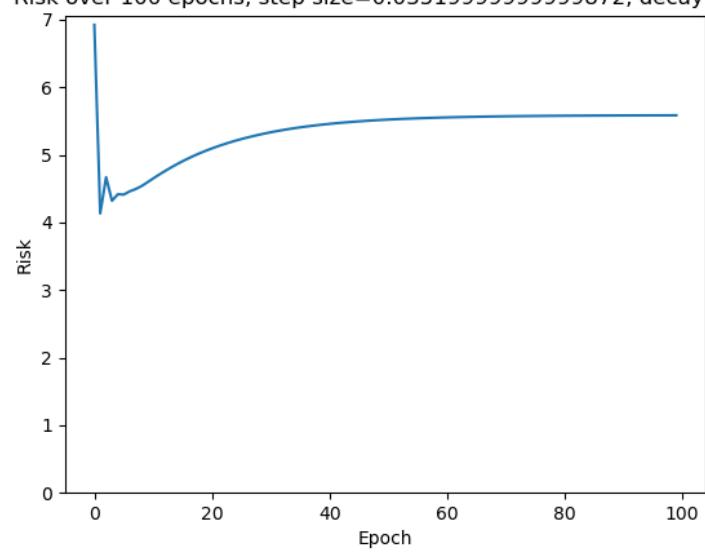
Risk over 100 epochs, step size=0.0352999999999872, decay=0.1



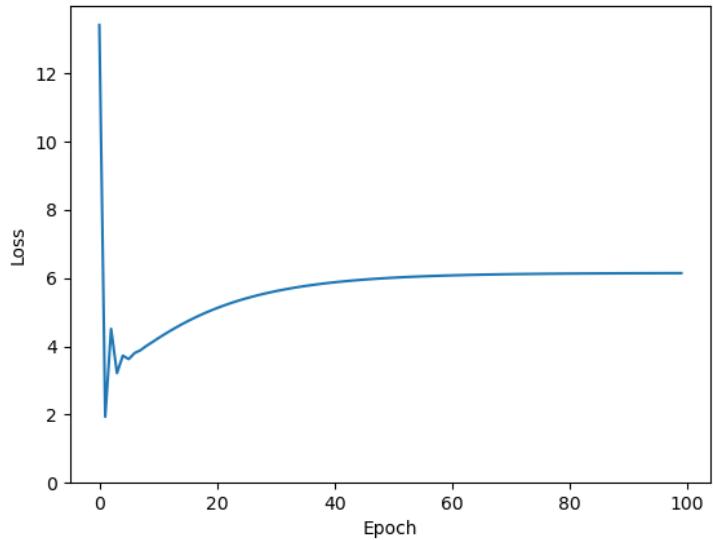
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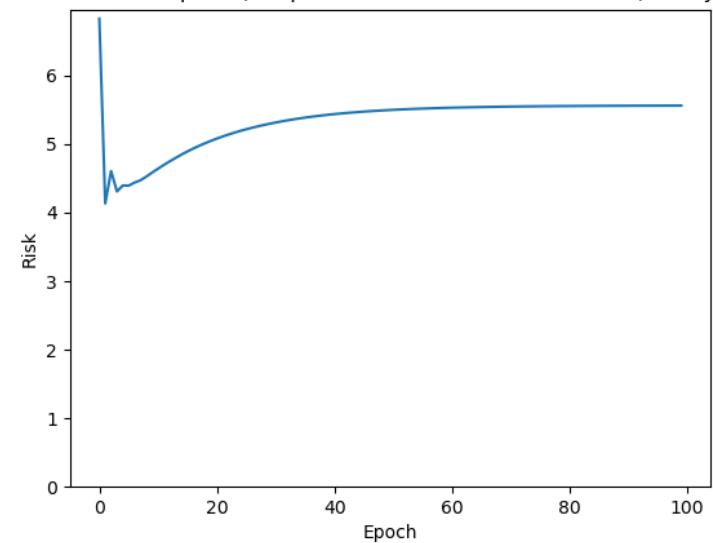
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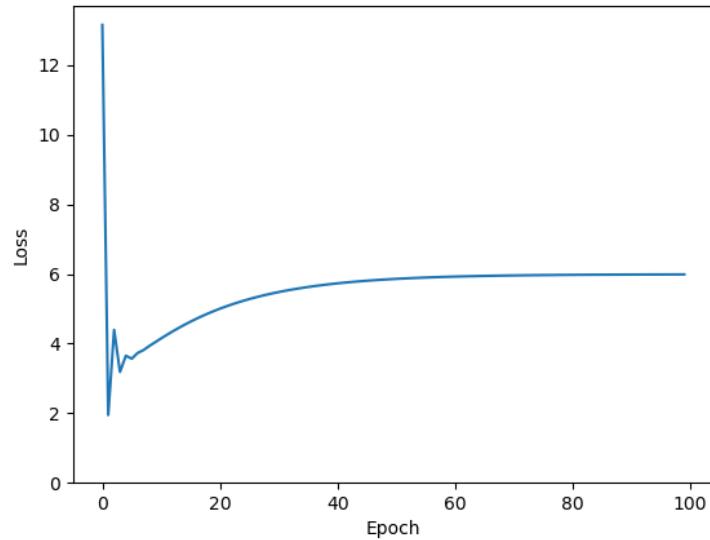
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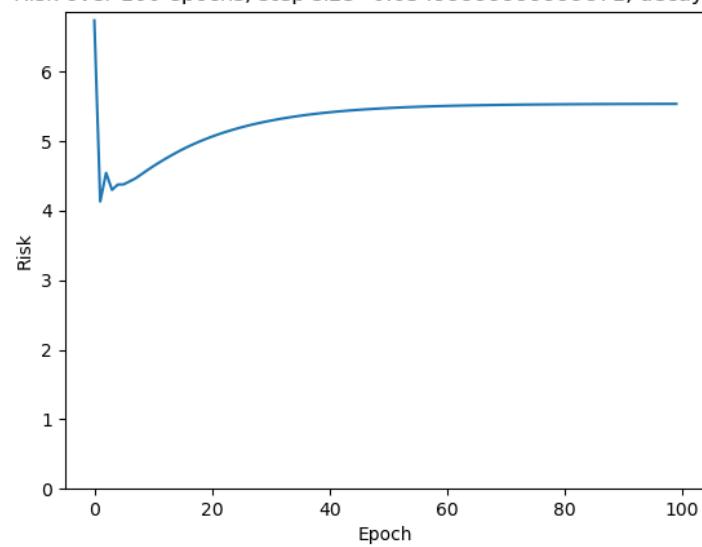
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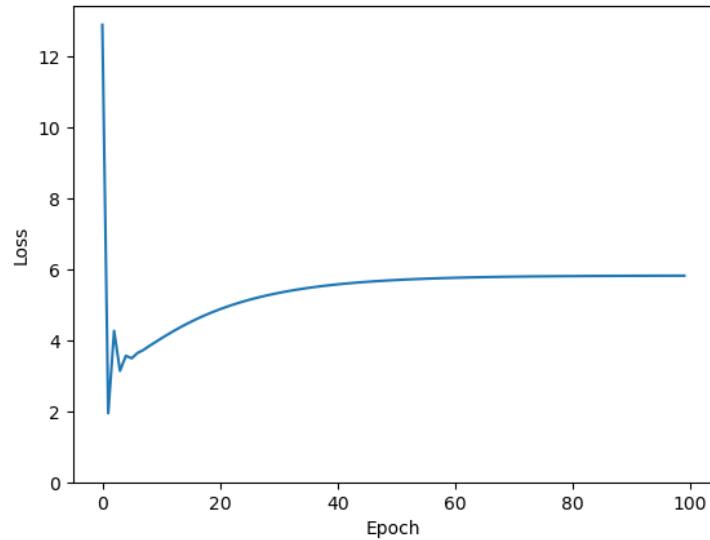
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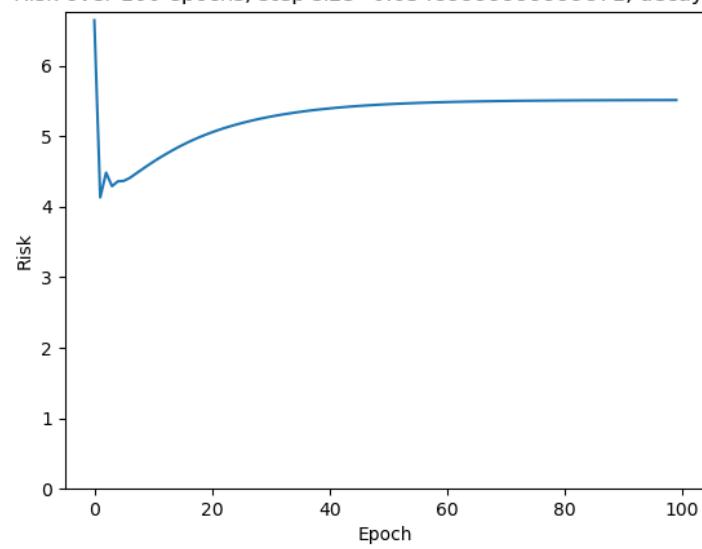
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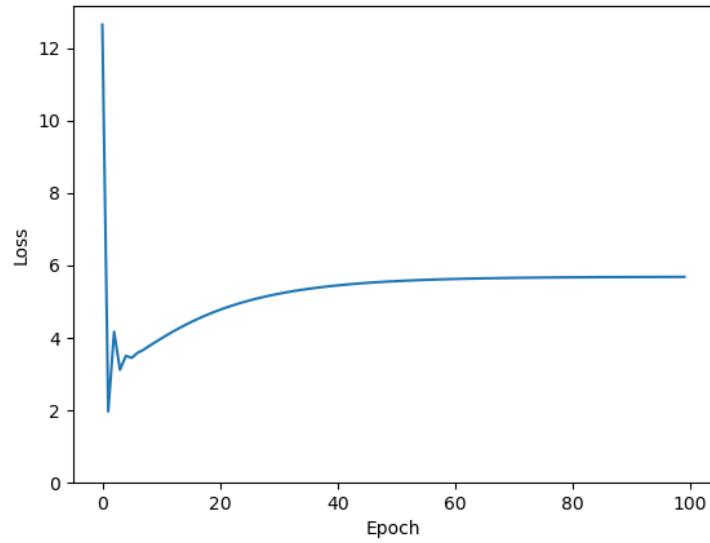
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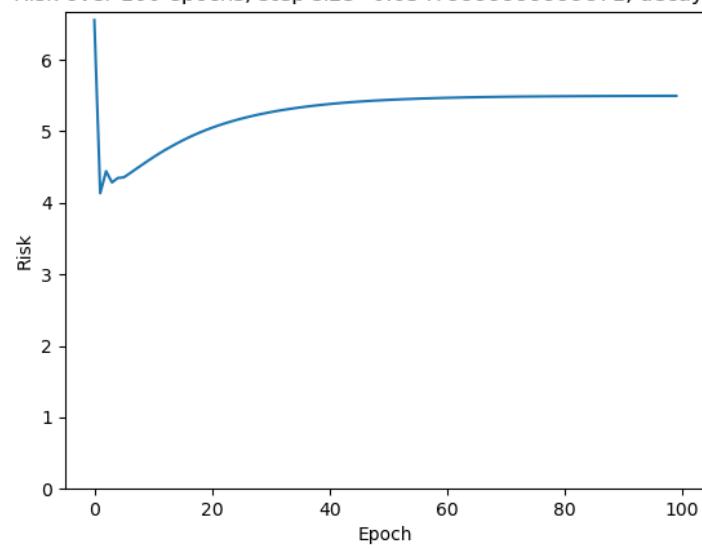
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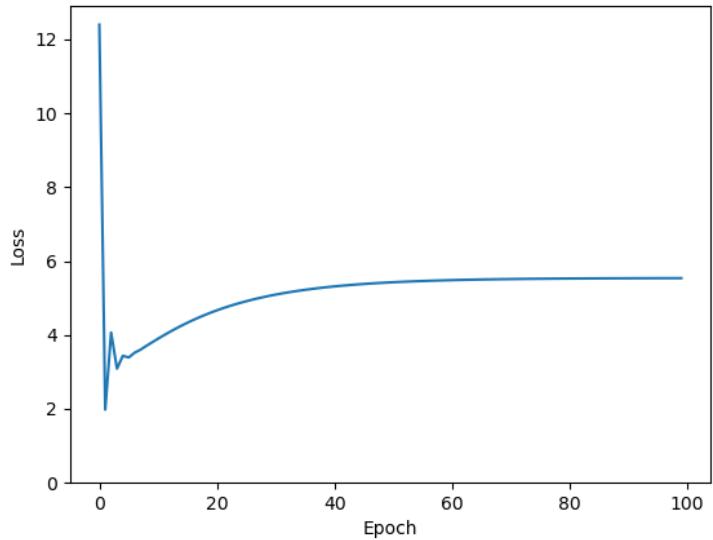
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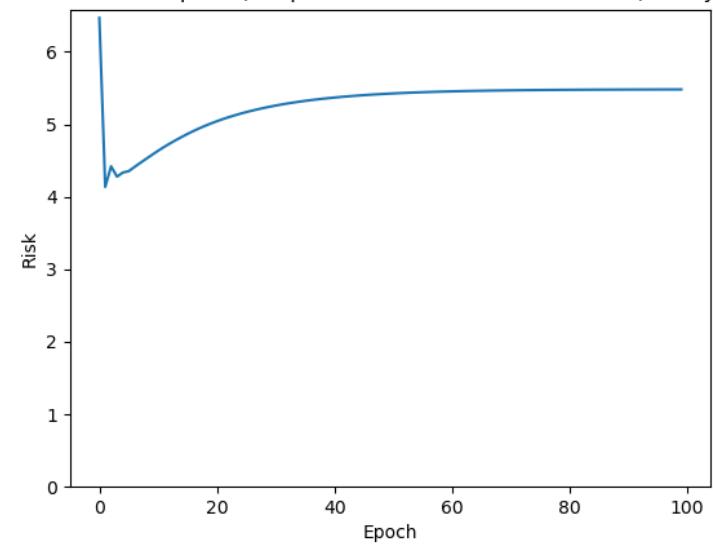
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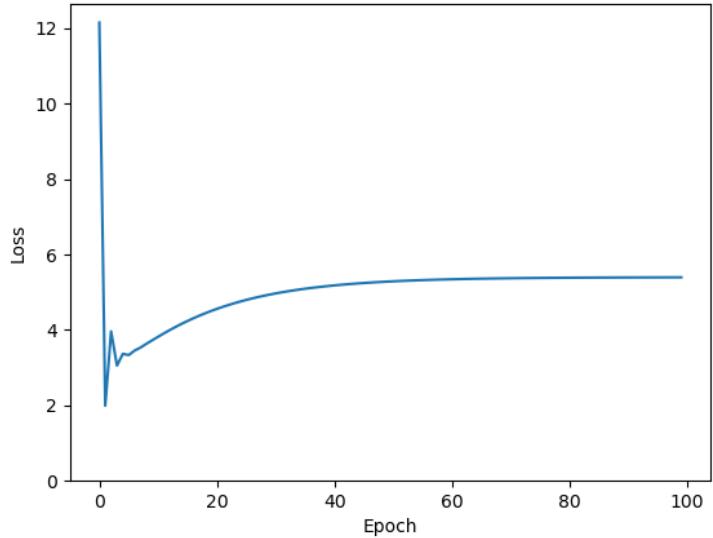
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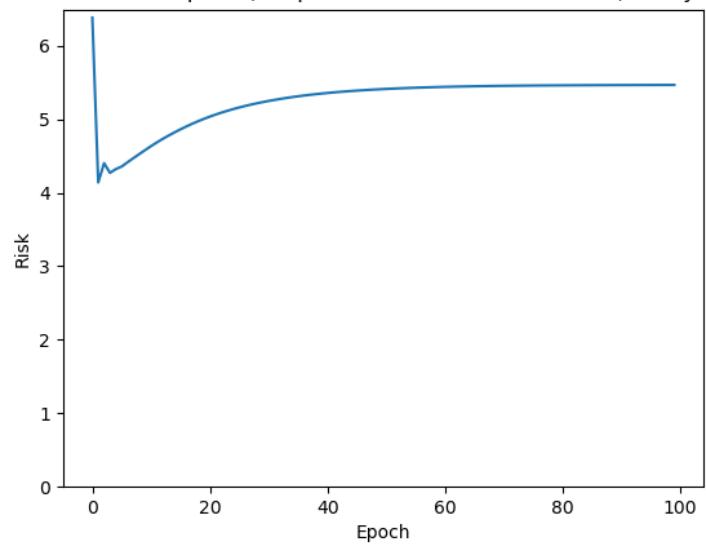
Risk over 100 epochs, step size=0.0346999999998704, decay=0.1



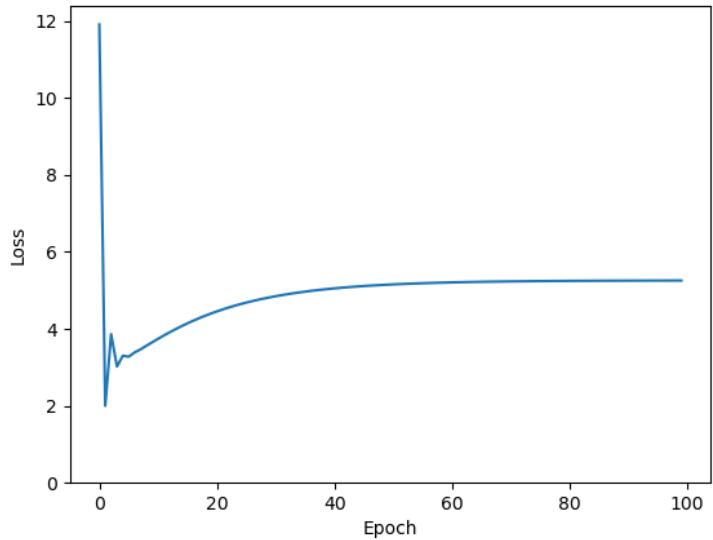
Loss over 100 epochs, step size=0.034599999999987, decay=0.1



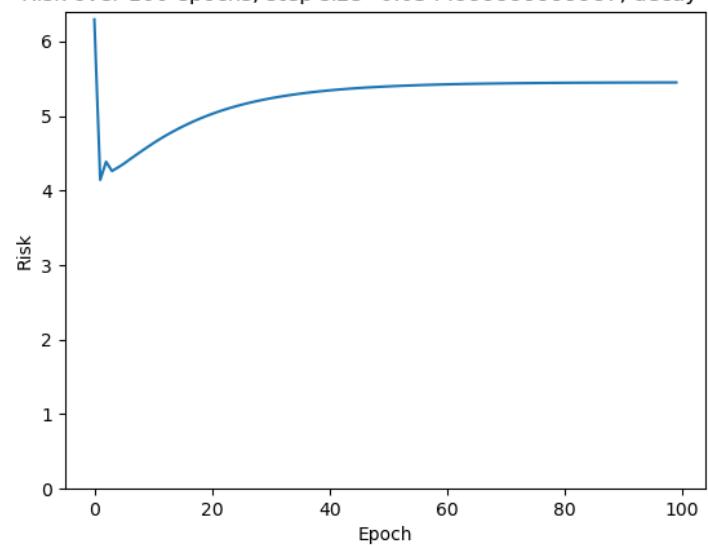
Risk over 100 epochs, step size=0.034599999999987, decay=0.1



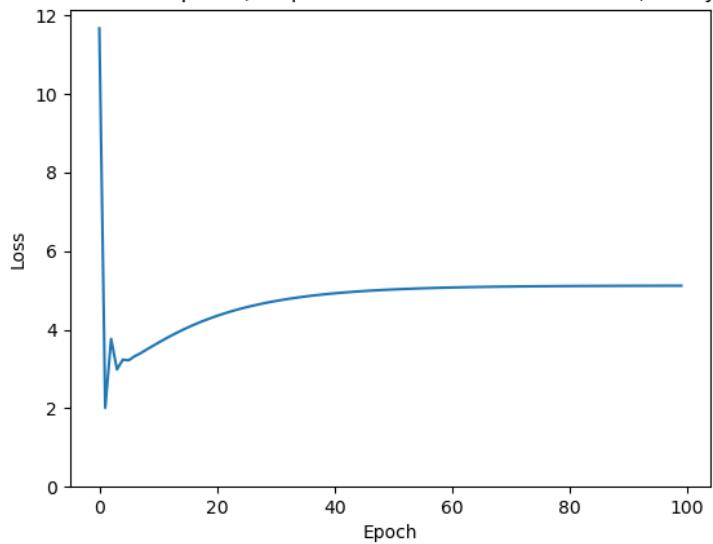
Loss over 100 epochs, step size=0.03449999999987, decay=0.1



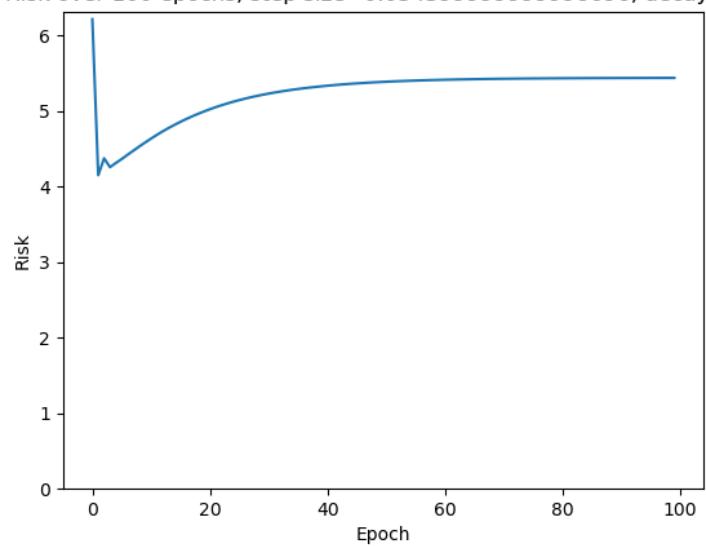
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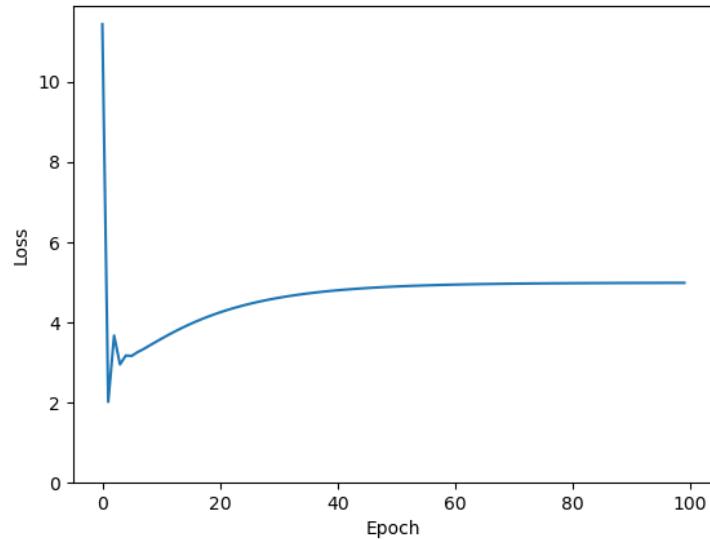
Loss over 100 epochs, step size=0.0343999999998696, decay=0.1



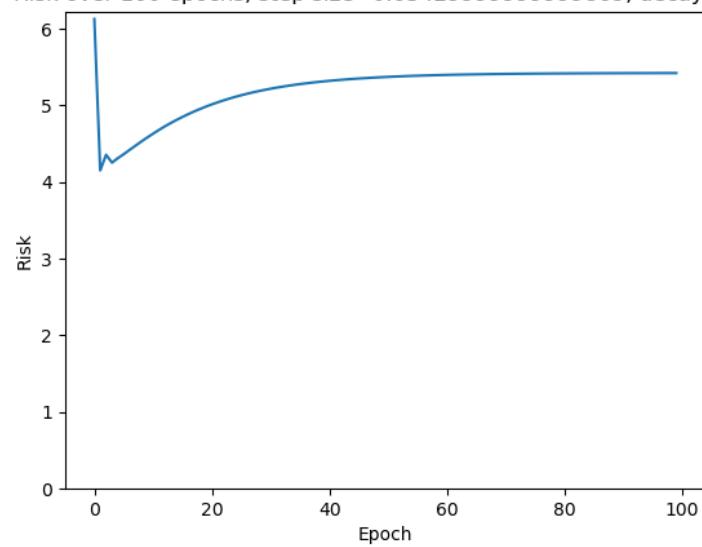
Risk over 100 epochs, step size=0.0343999999998696, decay=0.1



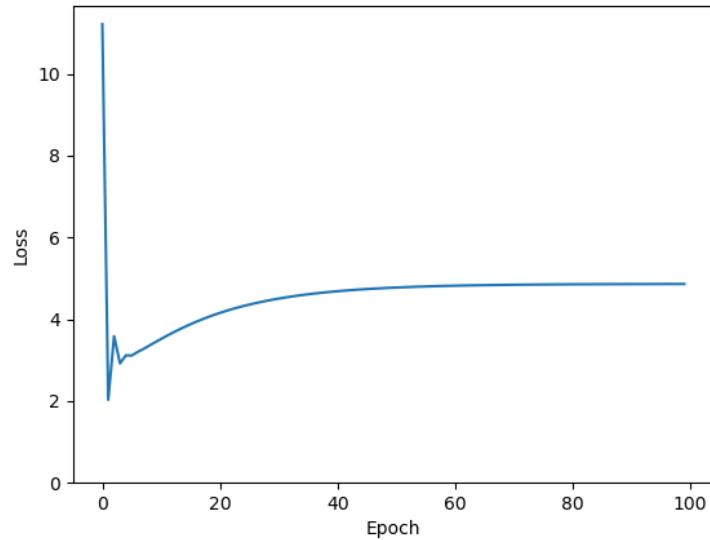
Loss over 100 epochs, step size=0.0342999999999869, decay=0.1



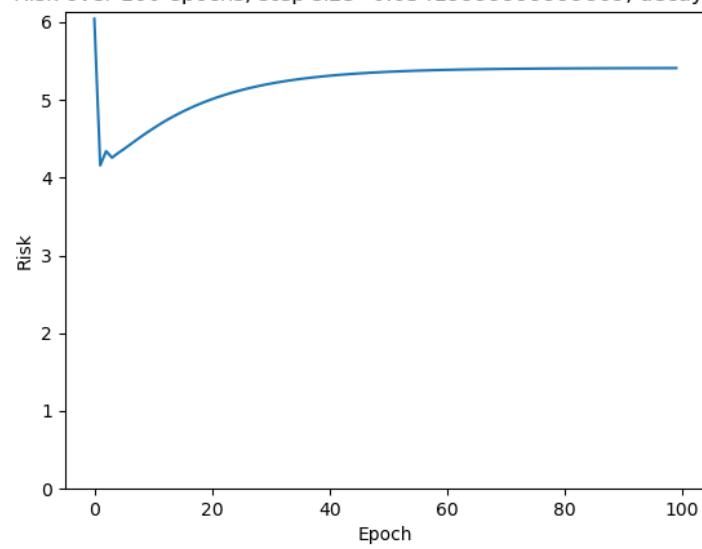
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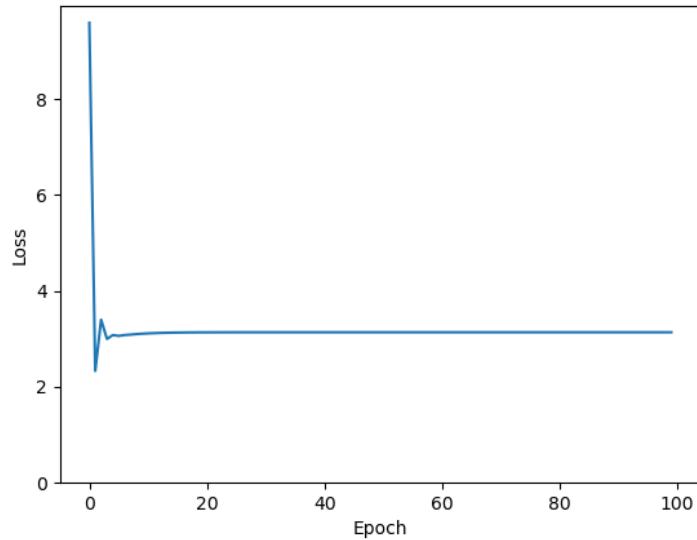
Loss over 100 epochs, step size=0.0341999999999869, decay=0.1



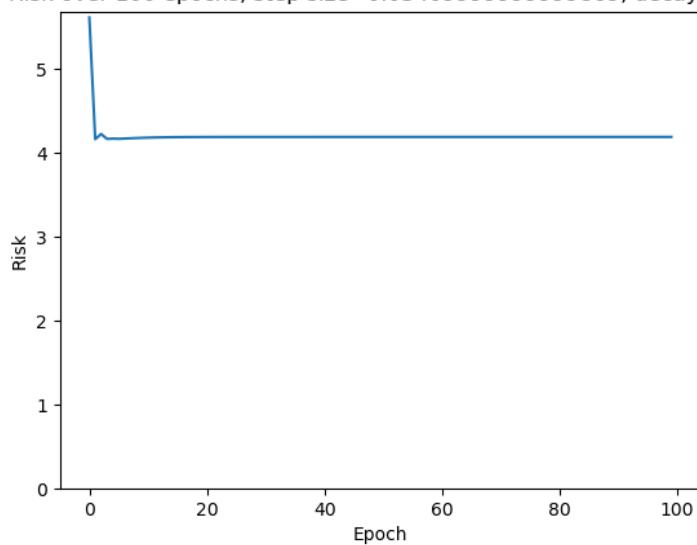
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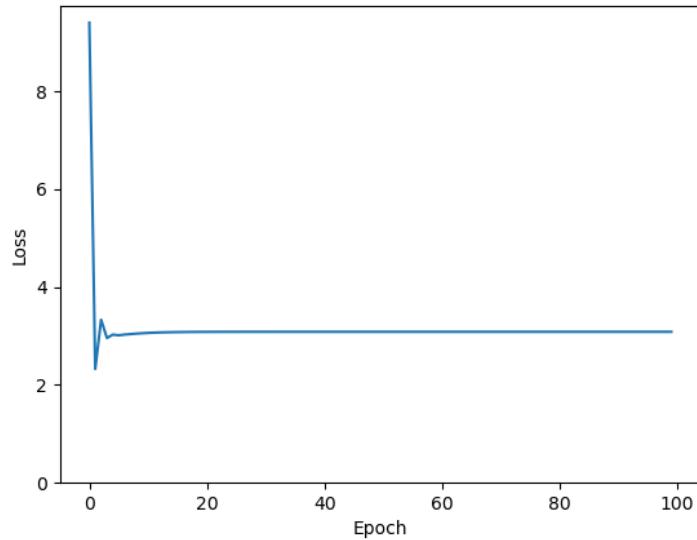
Loss over 100 epochs, step size=0.0340999999999869, decay=0.3



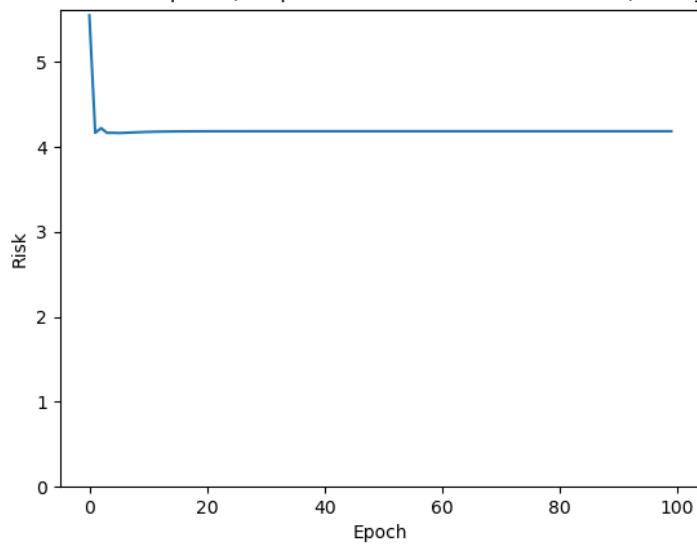
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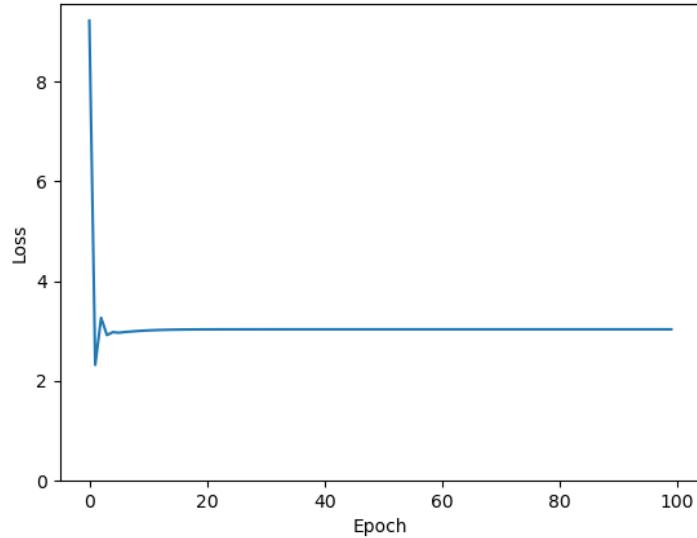
Loss over 100 epochs, step size=0.0339999999998684, decay=0.3



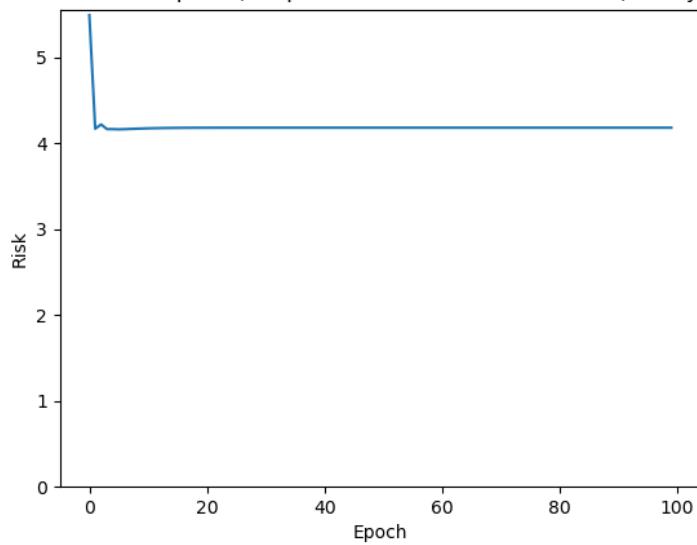
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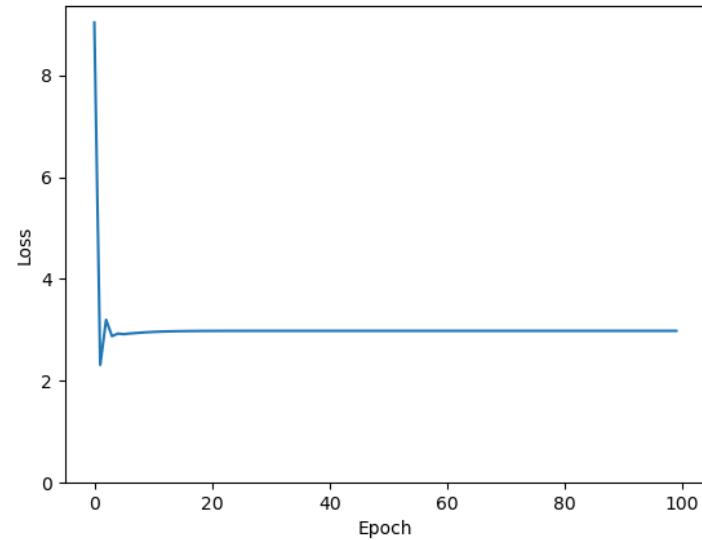
Loss over 100 epochs, step size=0.0338999999999868, decay=0.3



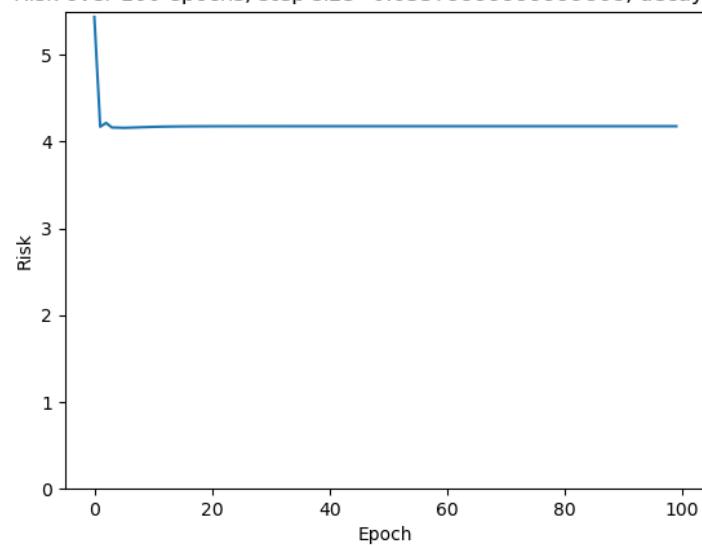
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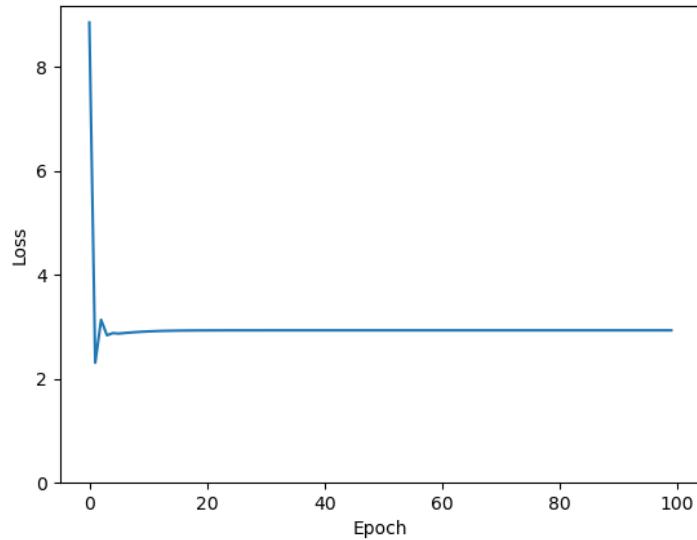
Loss over 100 epochs, step size=0.0337999999999868, decay=0.3



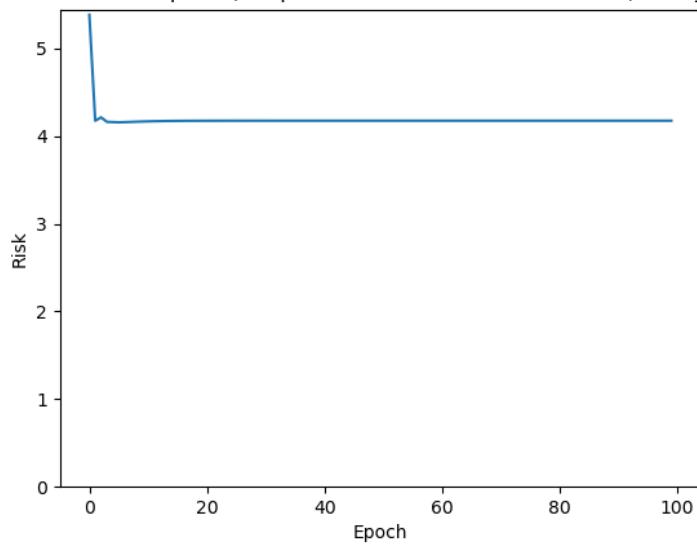
Risk over 100 epochs, step size=0.0337999999999868, decay=0.3



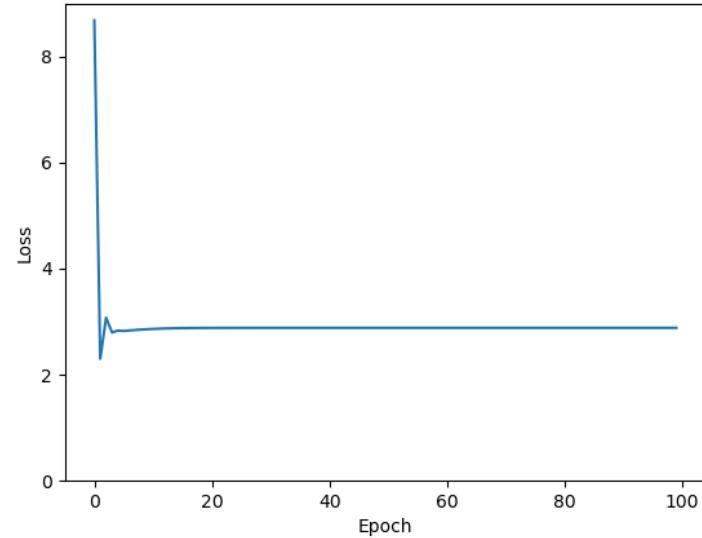
Loss over 100 epochs, step size=0.0336999999998675, decay=0.3



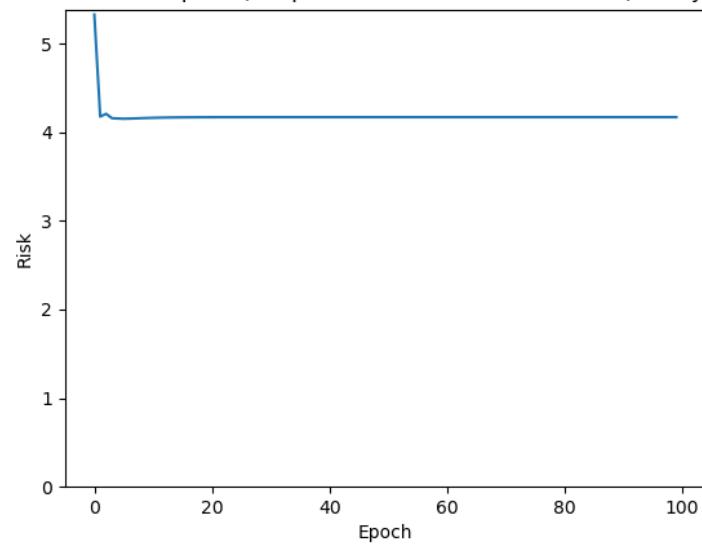
Risk over 100 epochs, step size=0.0336999999998675, decay=0.3



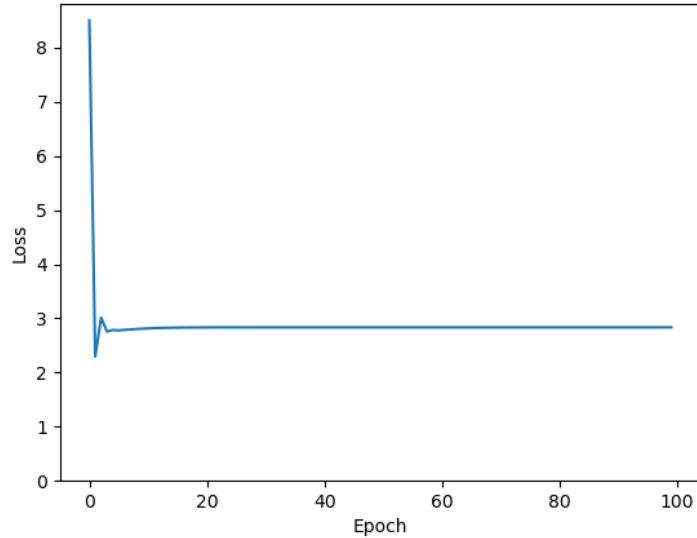
Loss over 100 epochs, step size=0.0335999999999867, decay=0.3



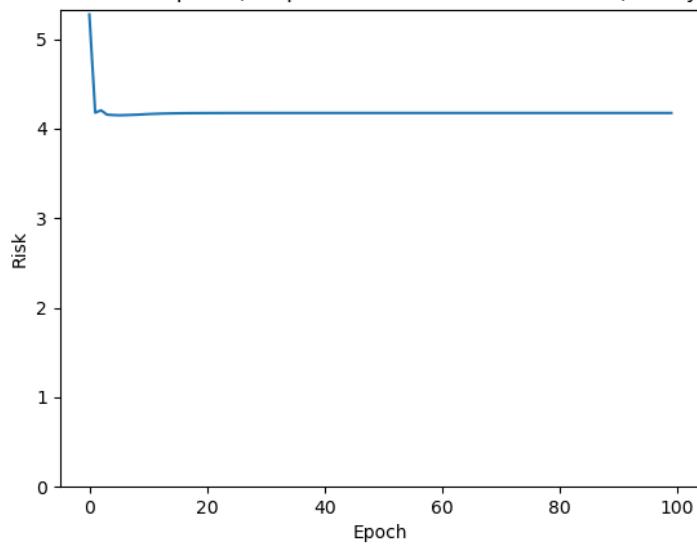
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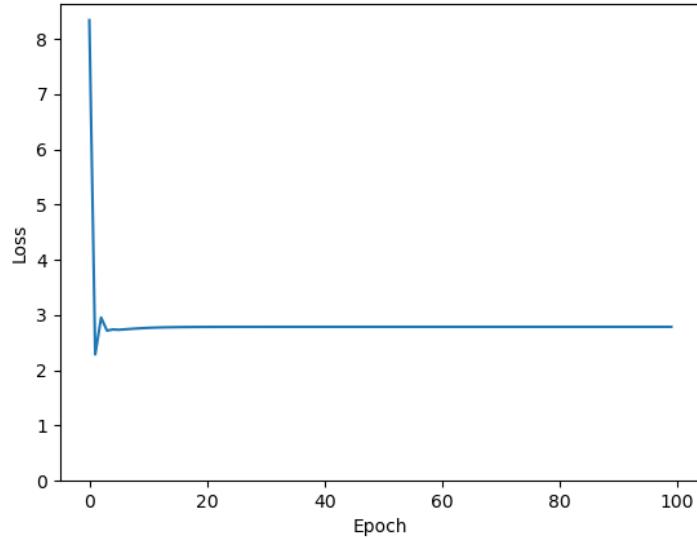
Loss over 100 epochs, step size=0.0334999999999867, decay=0.3



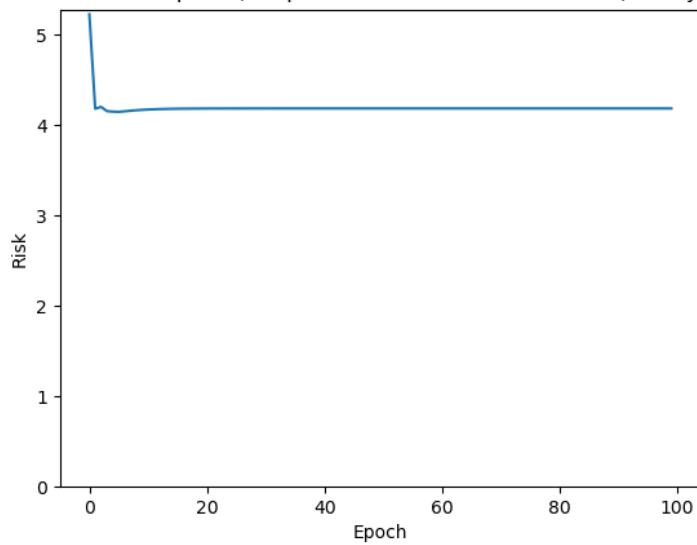
Risk over 100 epochs, step size=0.0334999999999867, decay=0.3



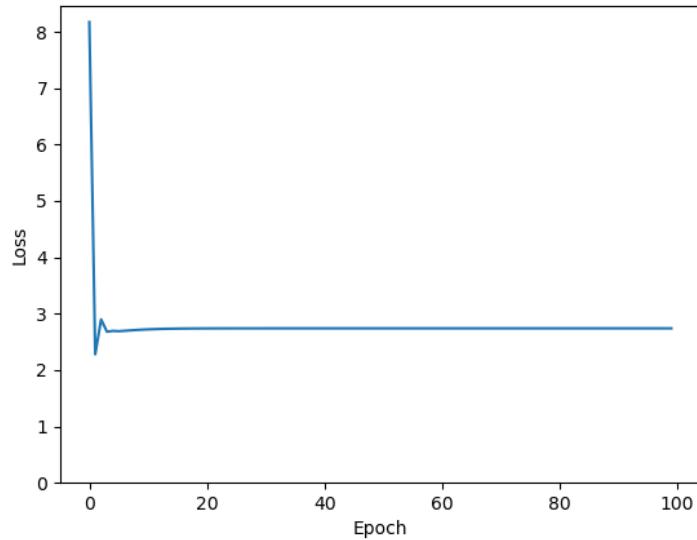
Loss over 100 epochs, step size=0.0333999999999867, decay=0.3



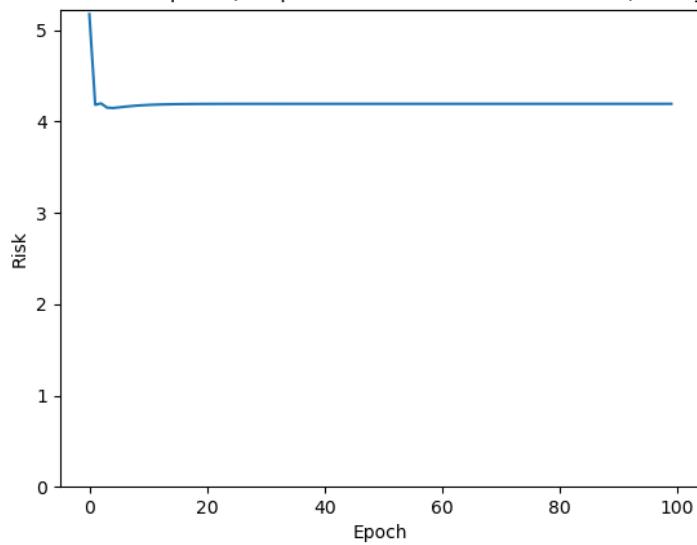
Risk over 100 epochs, step size=0.0333999999999867, decay=0.3



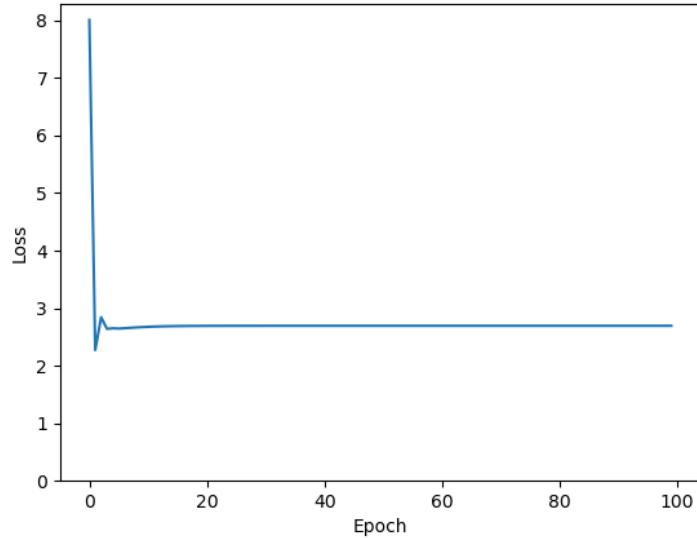
Loss over 100 epochs, step size=0.0332999999998664, decay=0.3



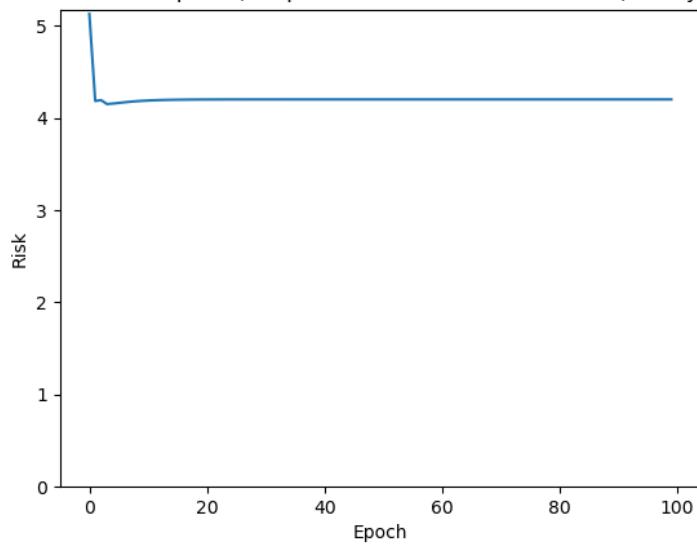
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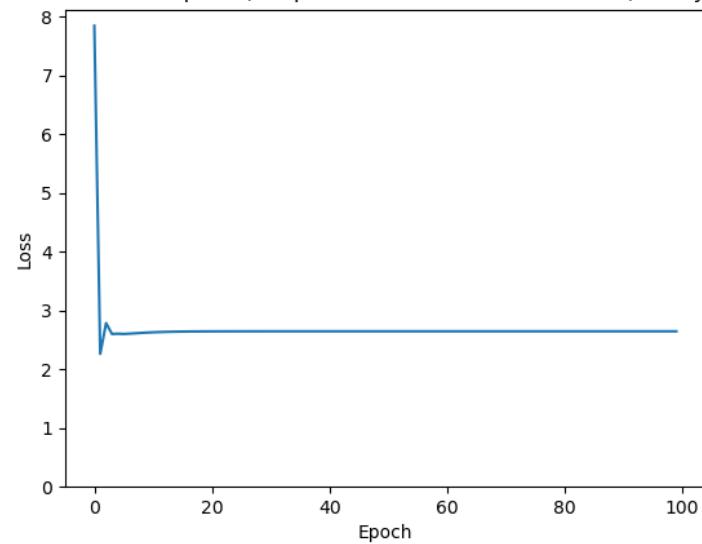
Loss over 100 epochs, step size=0.0331999999999866, decay=0.3



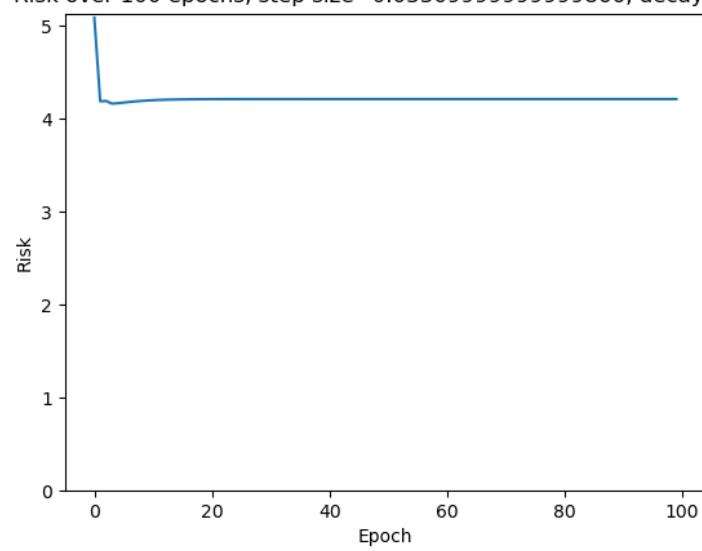
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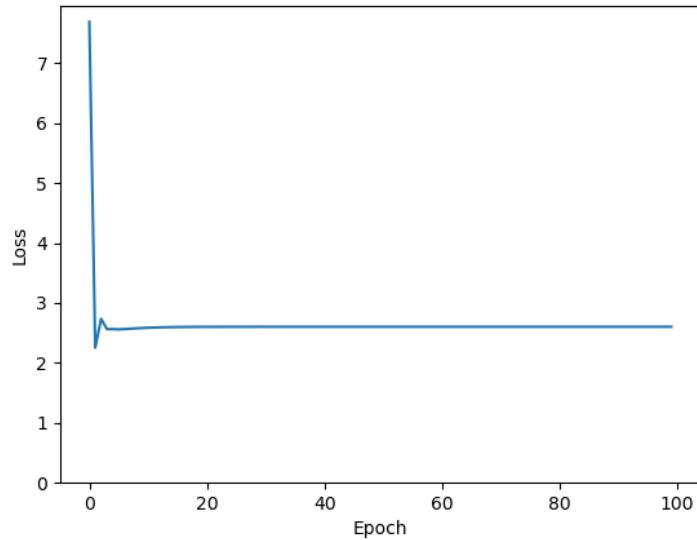
Loss over 100 epochs, step size=0.0330999999999866, decay=0.3



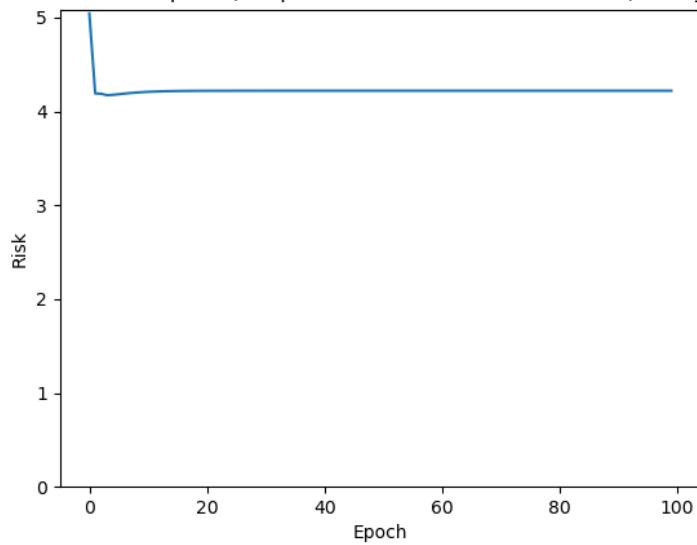
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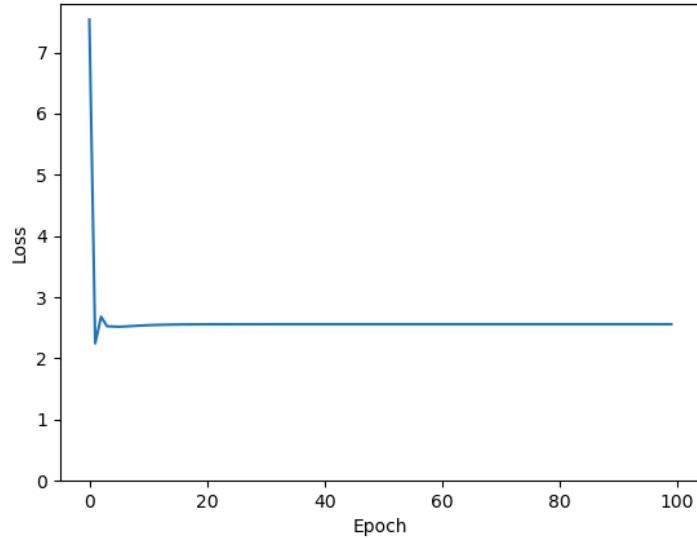
Loss over 100 epochs, step size=0.0329999999998655, decay=0.3



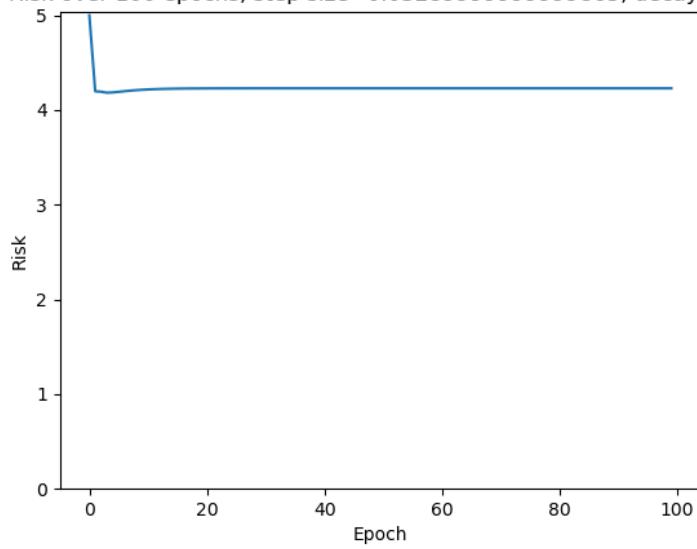
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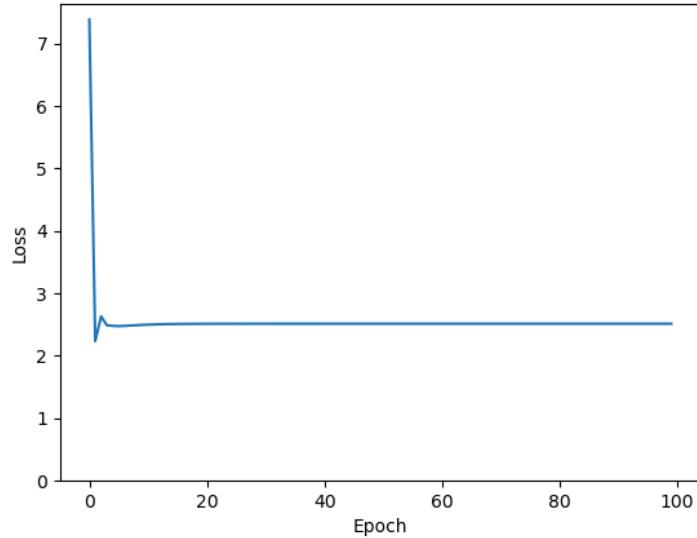
Loss over 100 epochs, step size=0.0328999999999865, decay=0.3



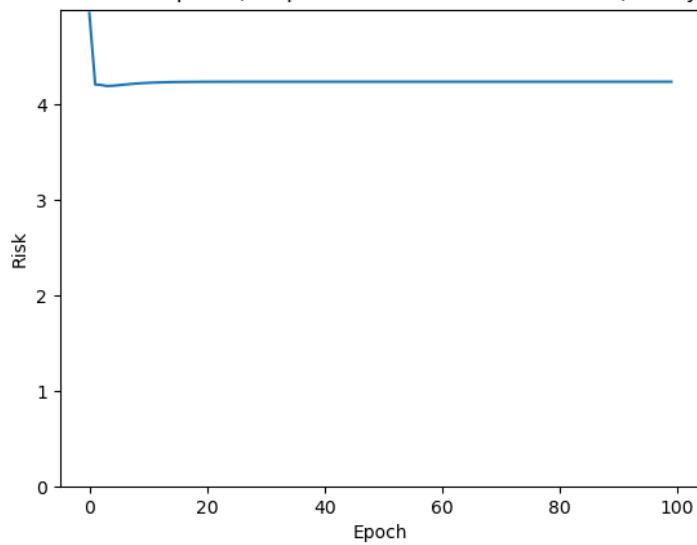
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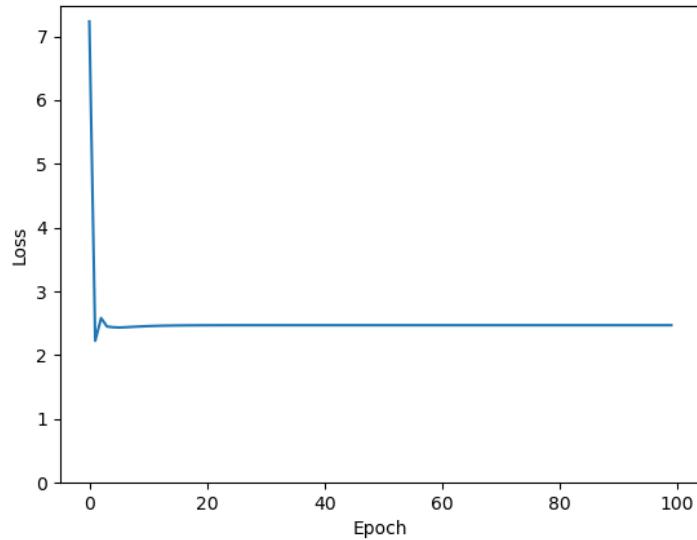
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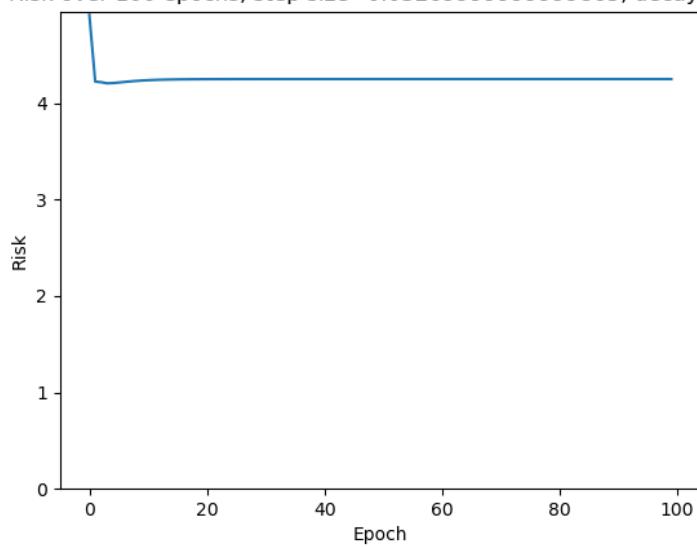
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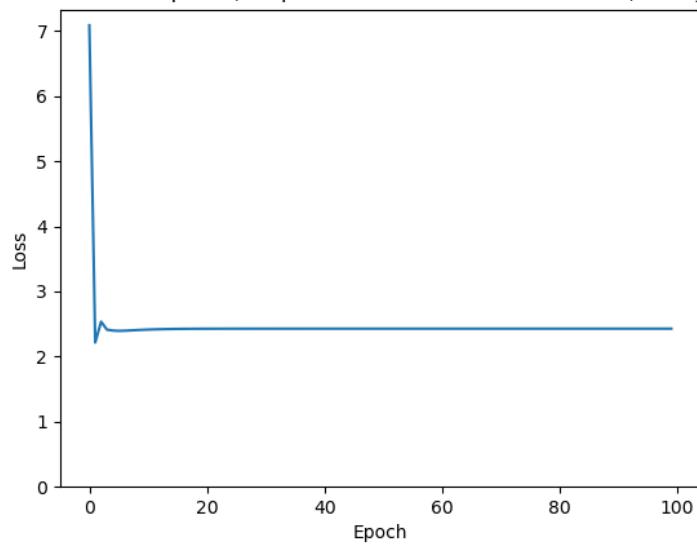
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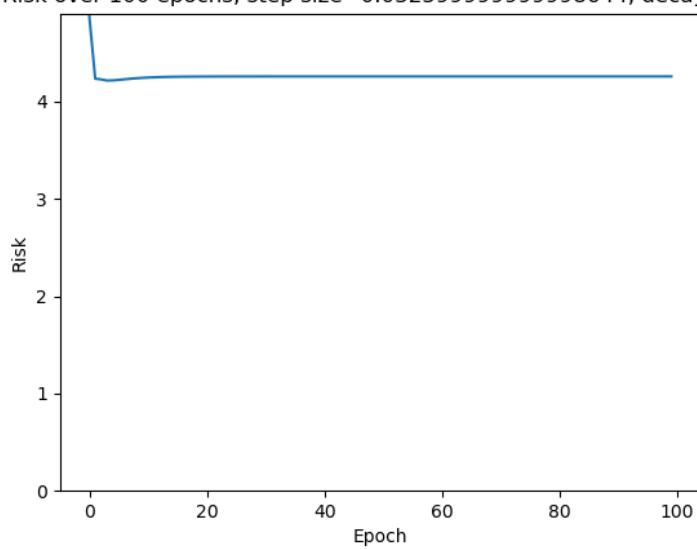
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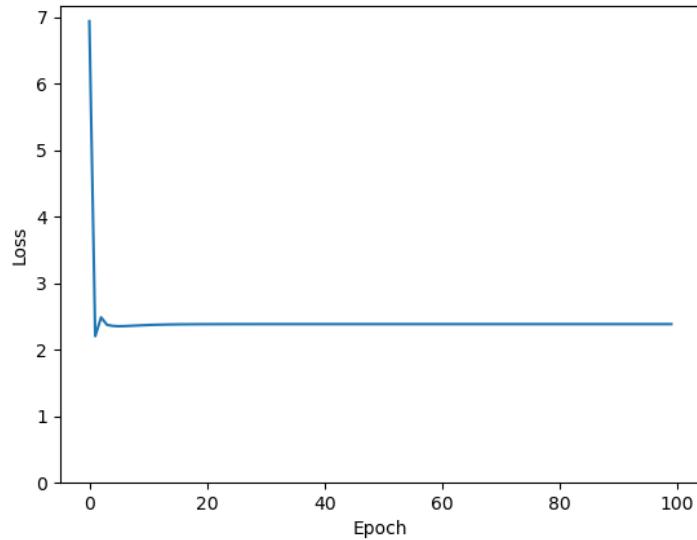
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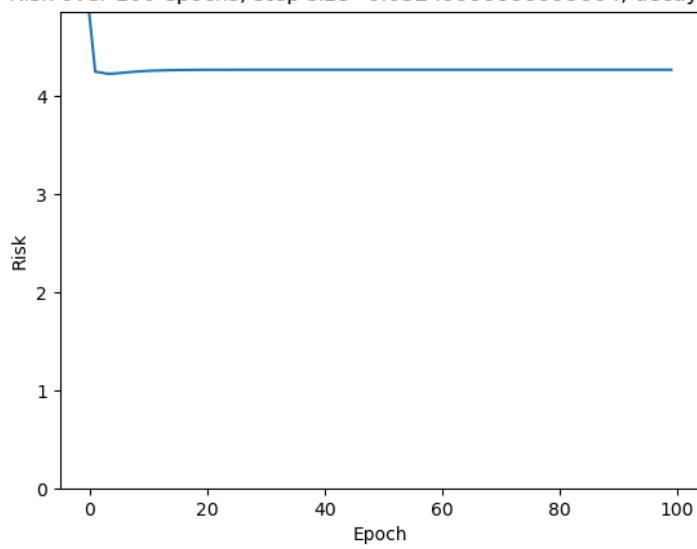
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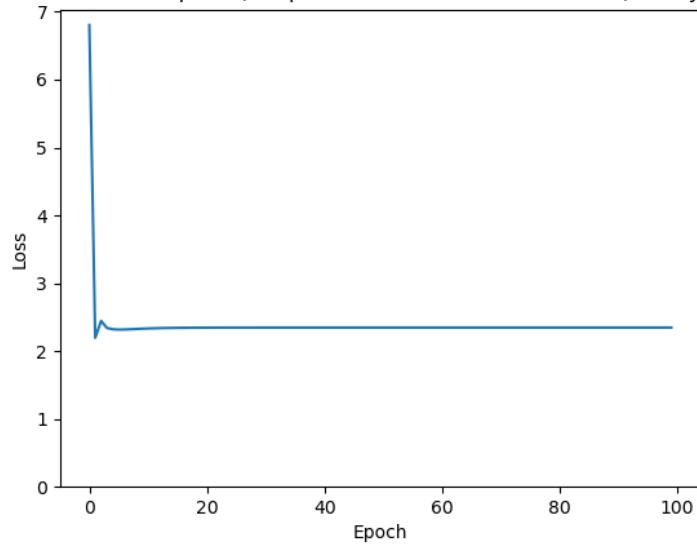
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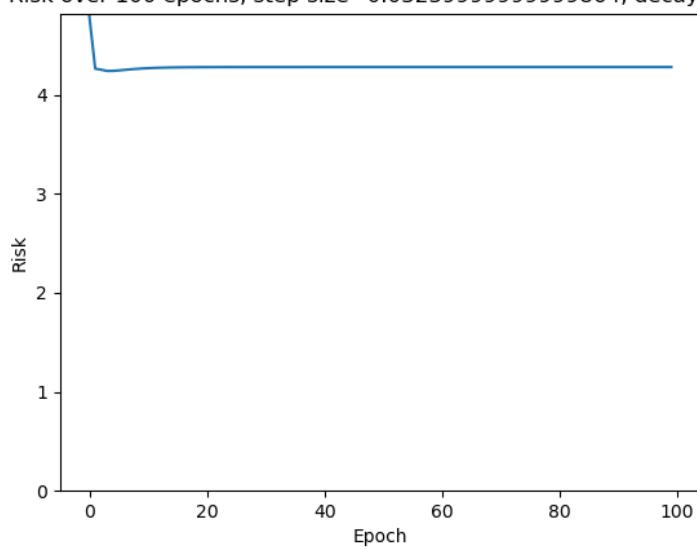
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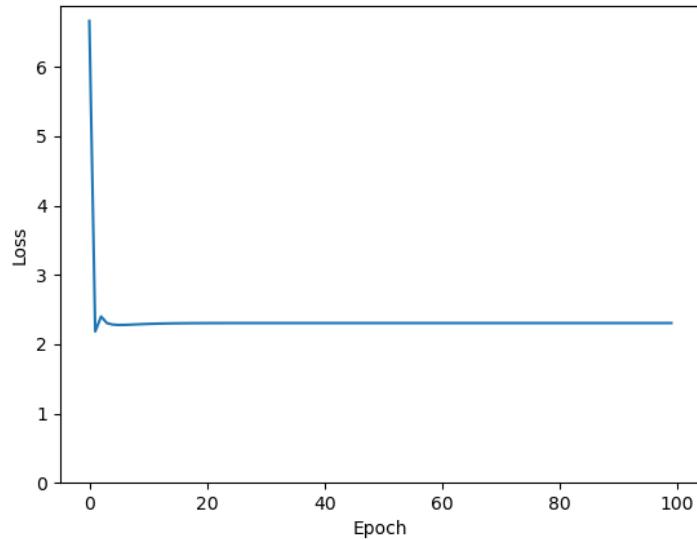
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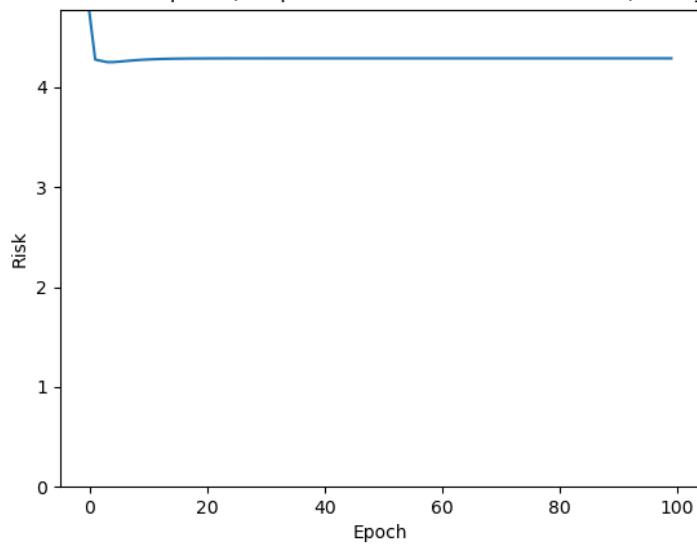
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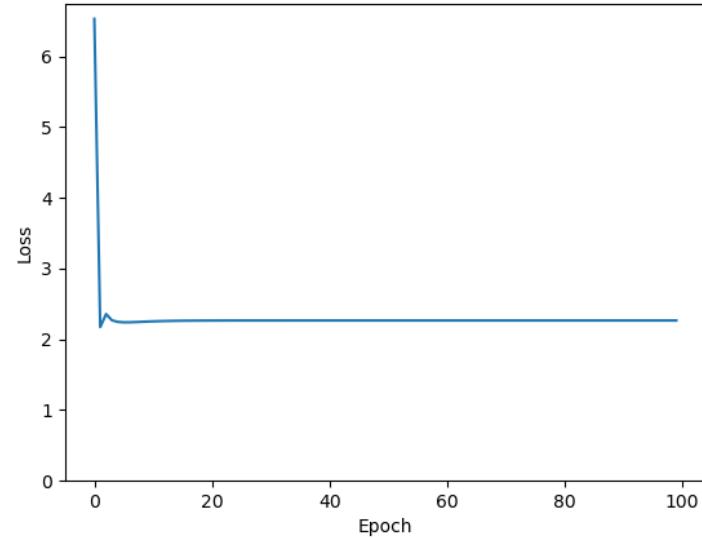
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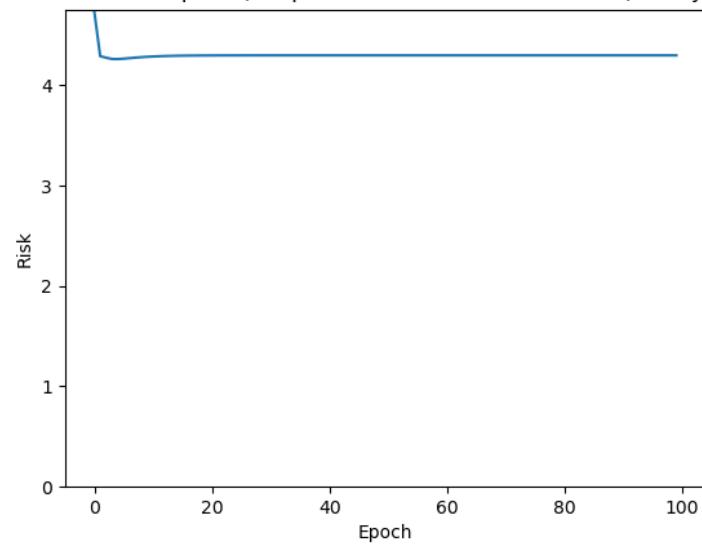
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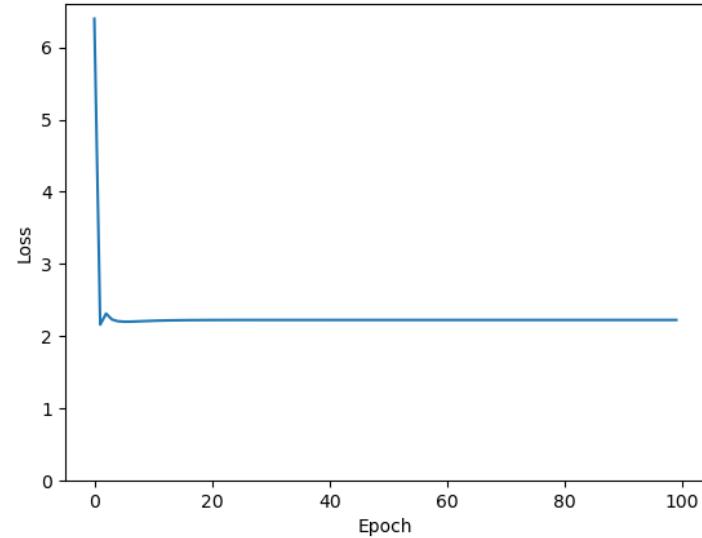
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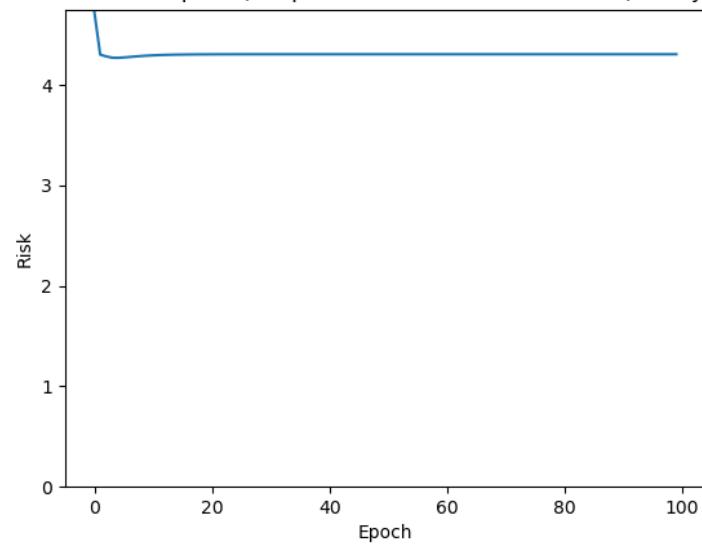
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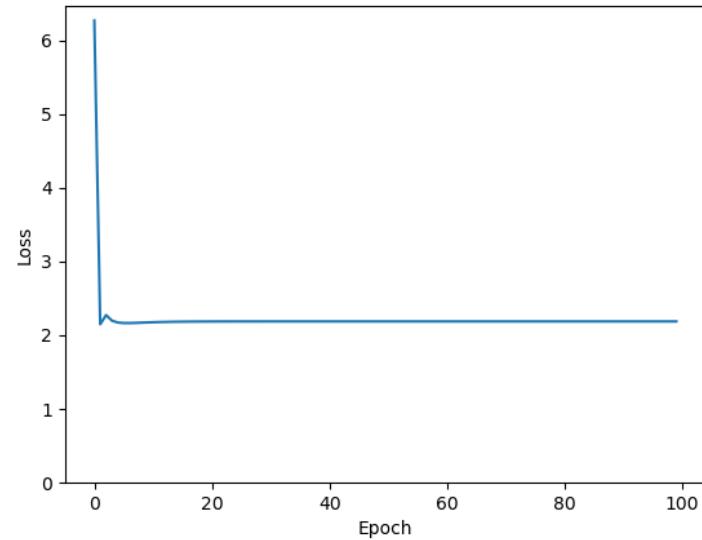
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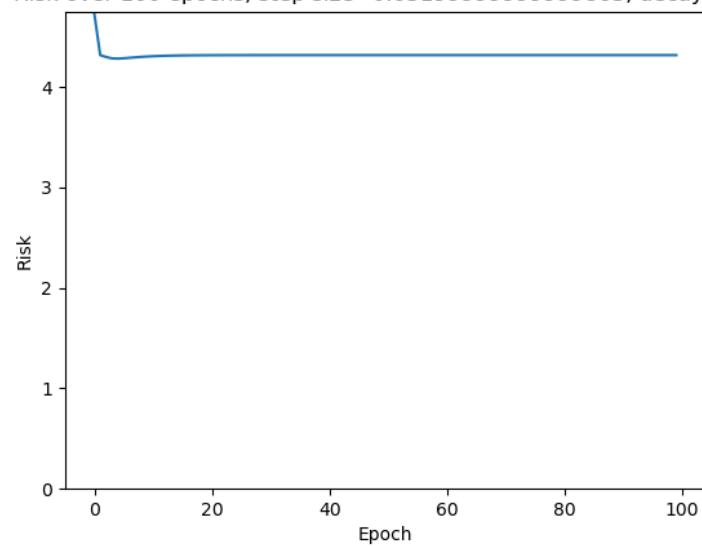
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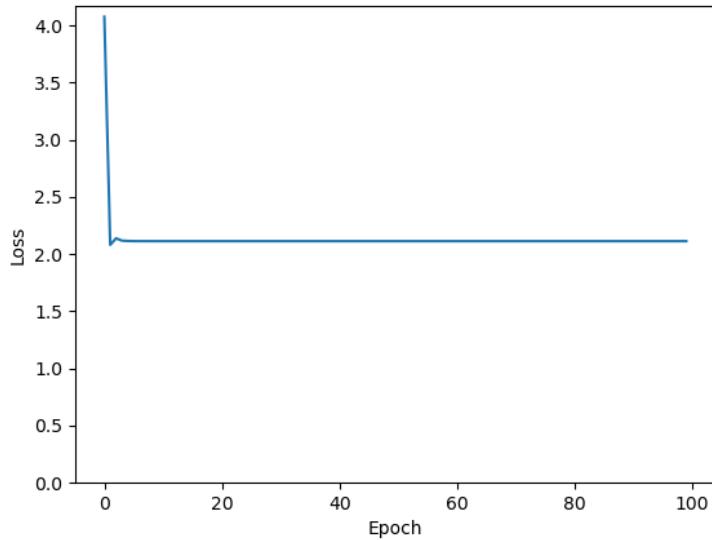
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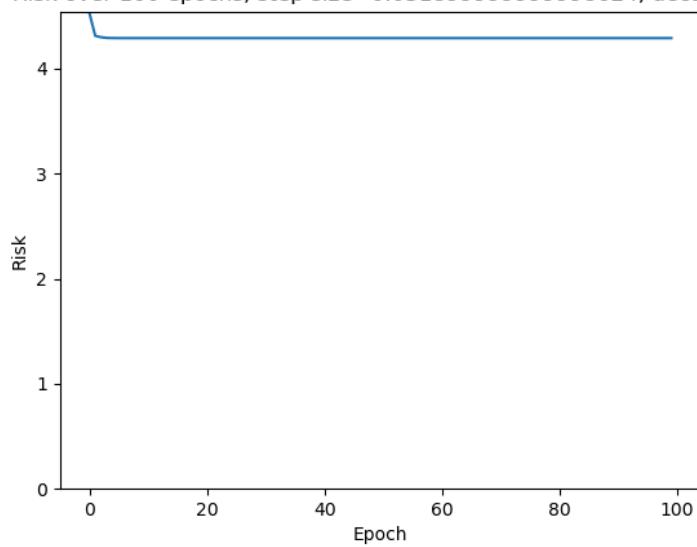
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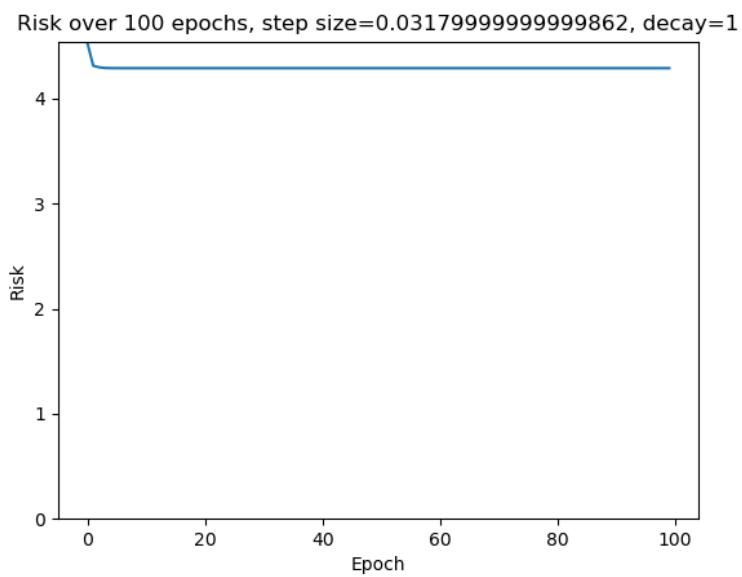
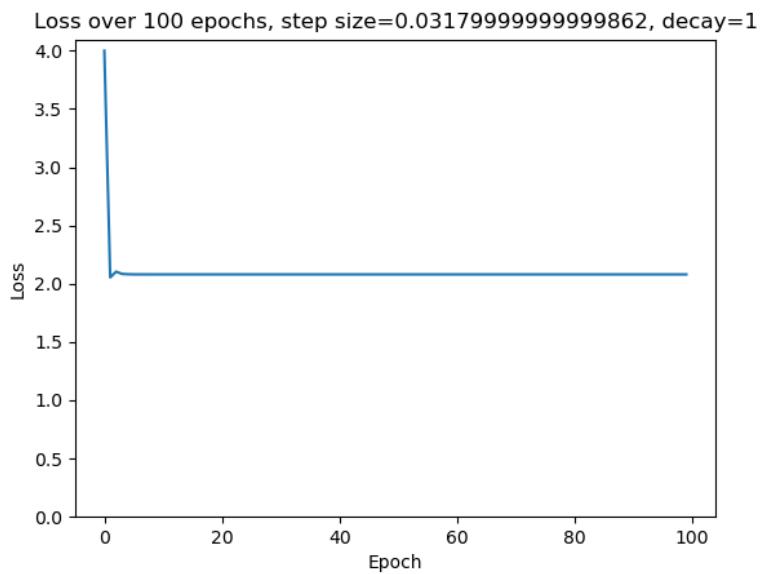


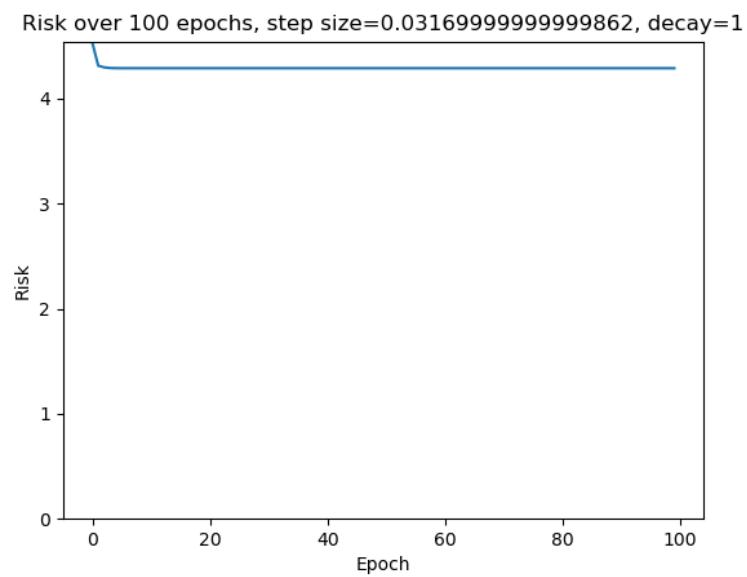
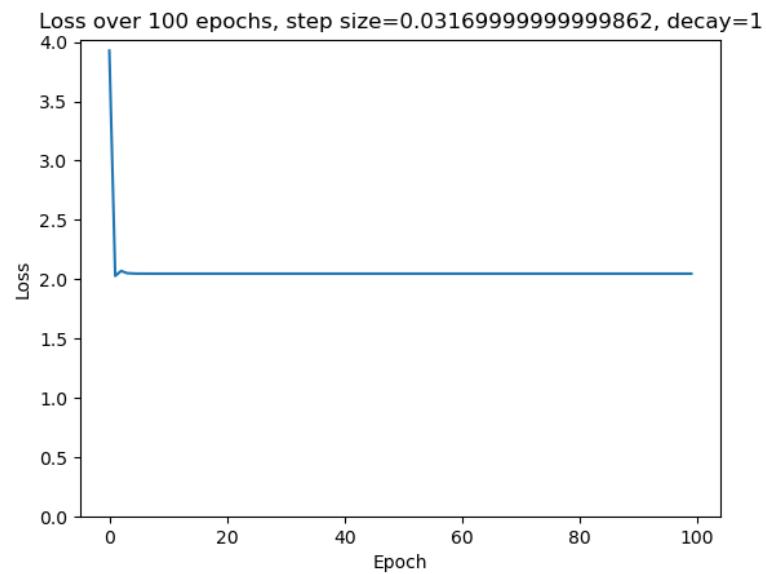
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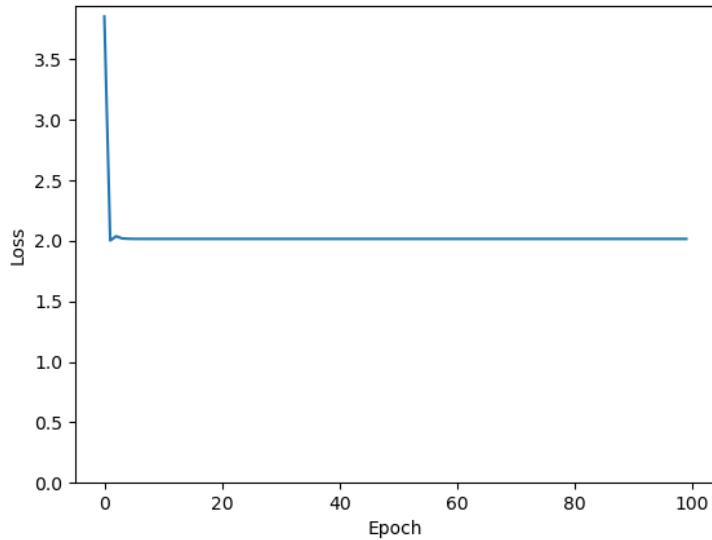
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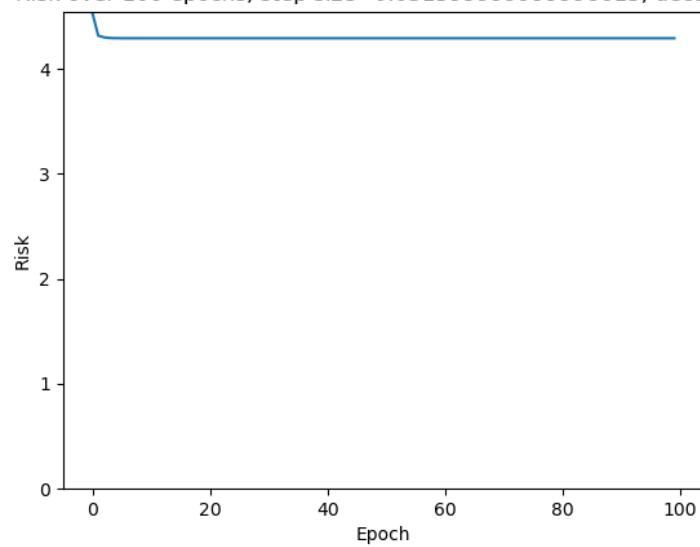




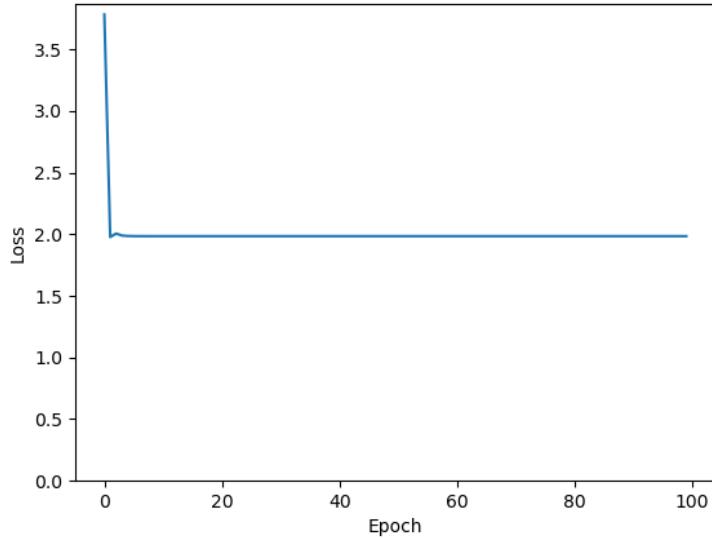
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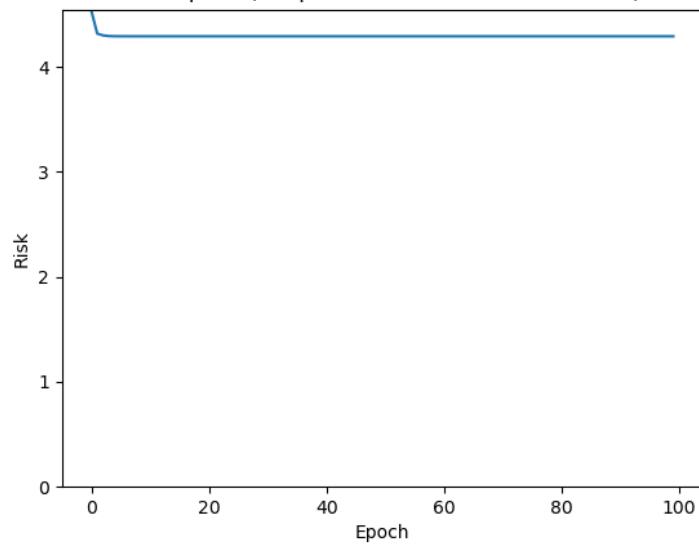
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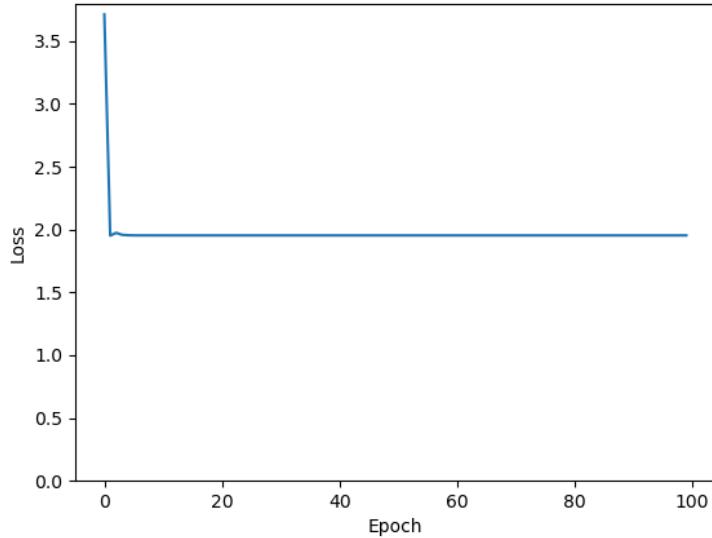
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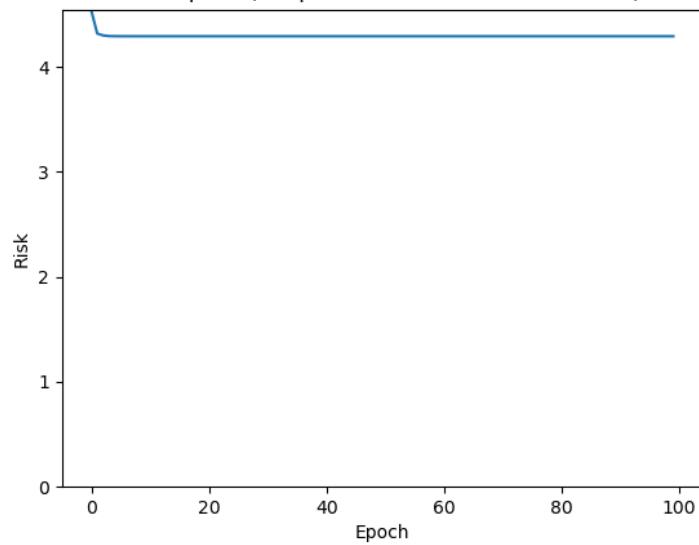
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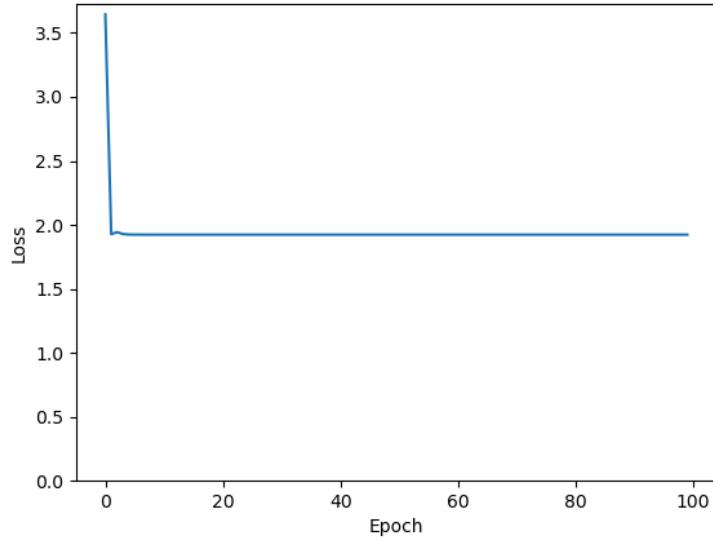
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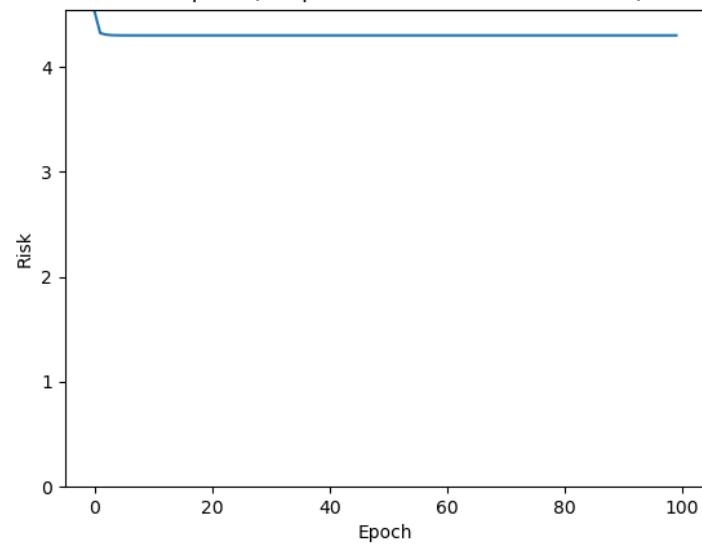
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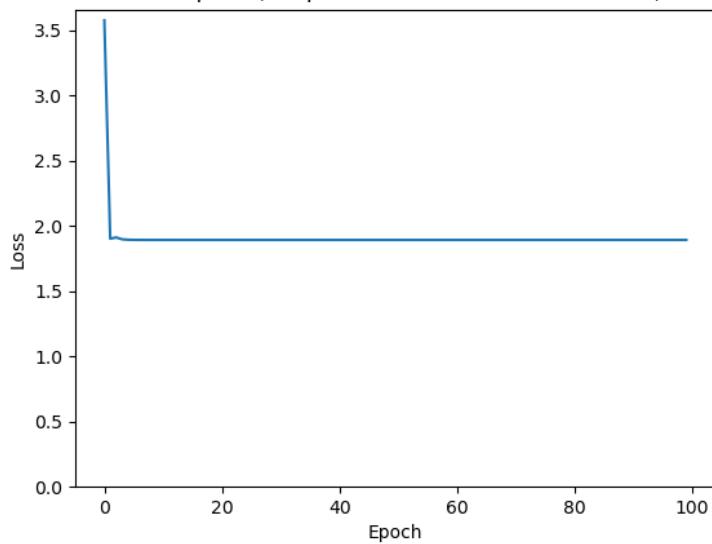
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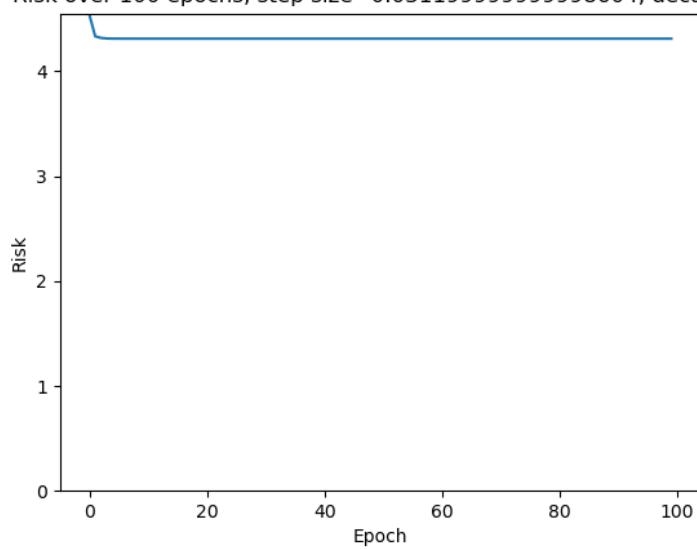
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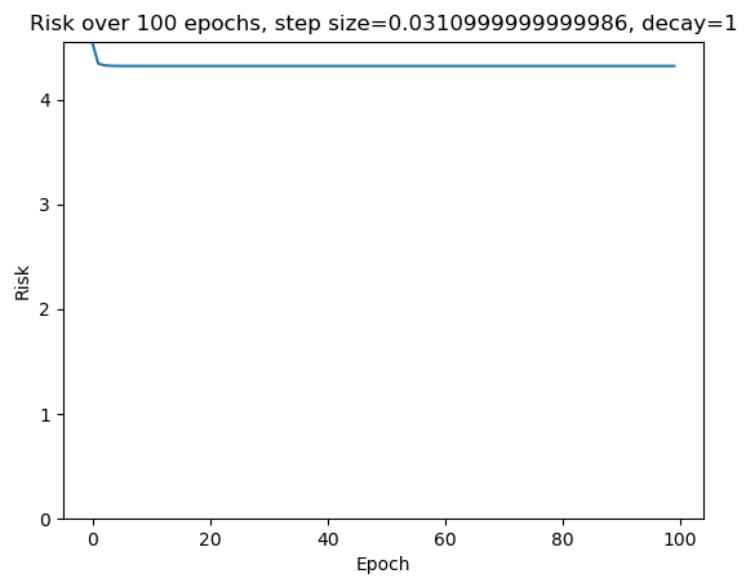
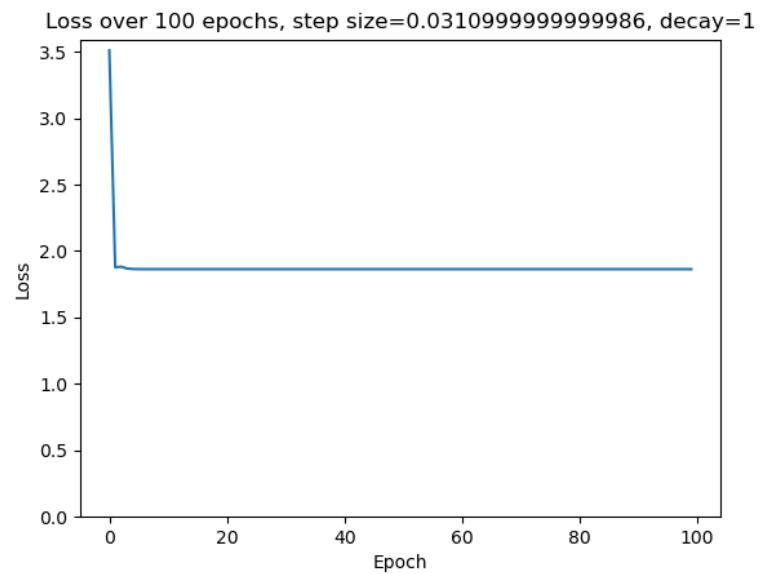


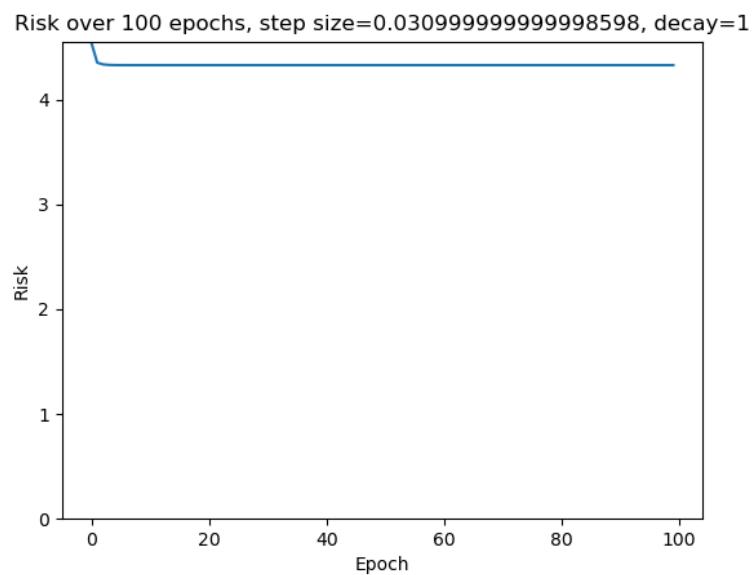
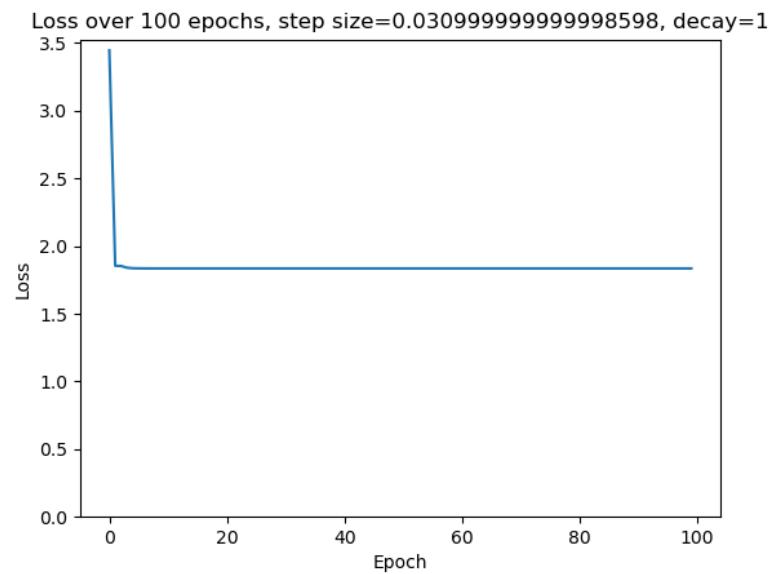
Loss over 100 epochs, step size=0.0311999999998604, decay=1



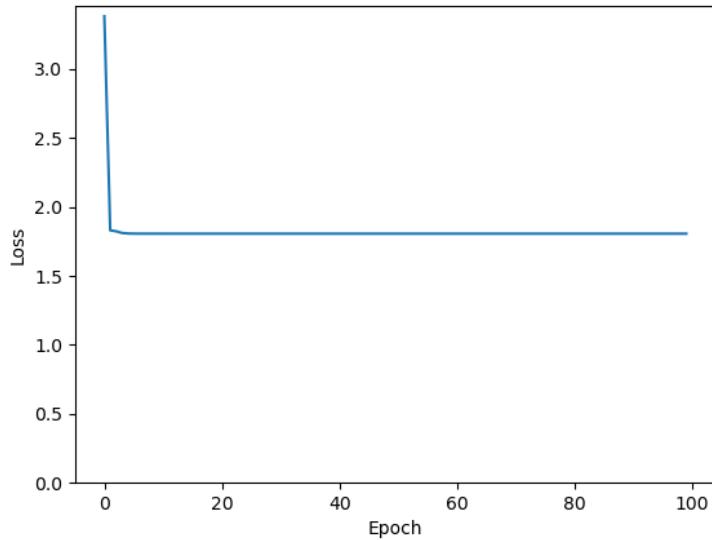
Risk over 100 epochs, step size=0.0311999999998604, decay=1



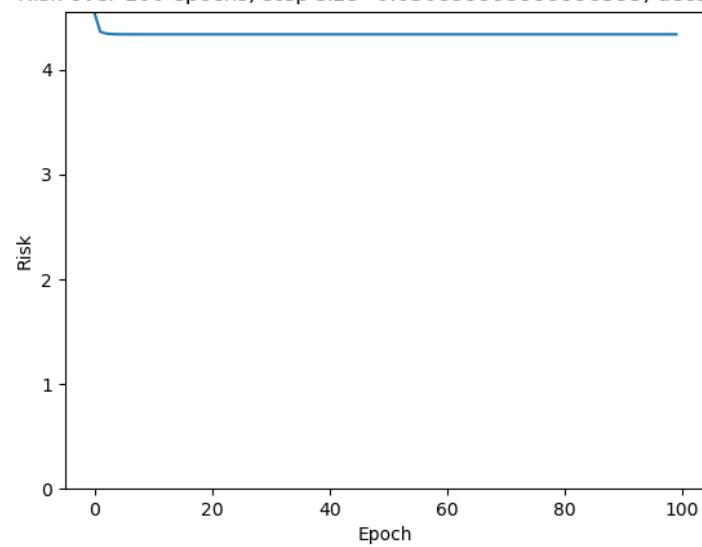




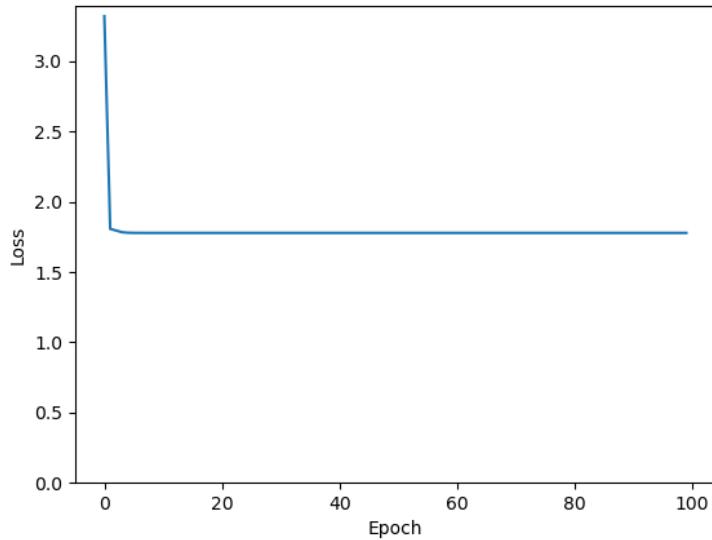
Loss over 100 epochs, step size=0.03089999999998595, decay=1



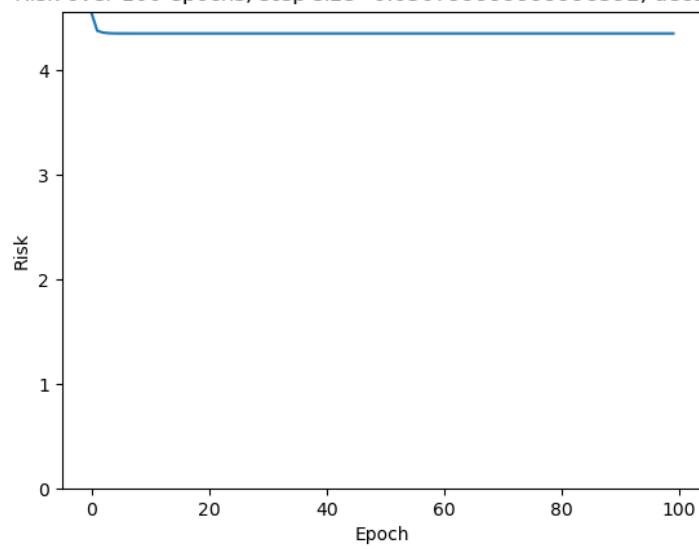
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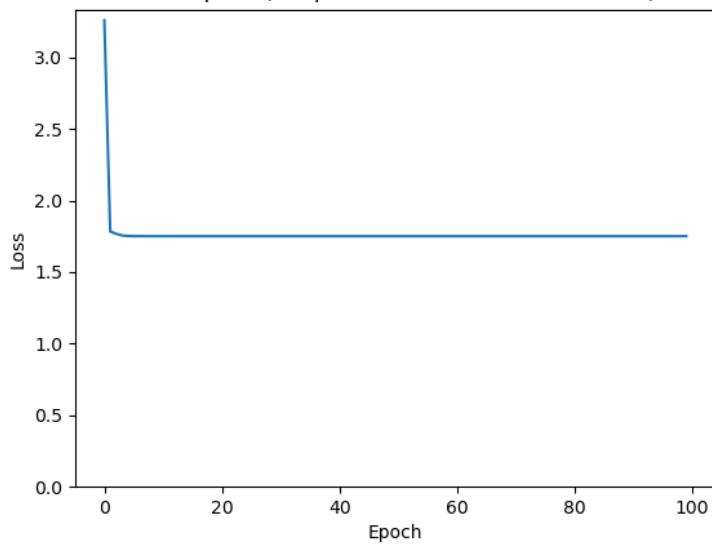
Loss over 100 epochs, step size=0.0307999999998592, decay=1



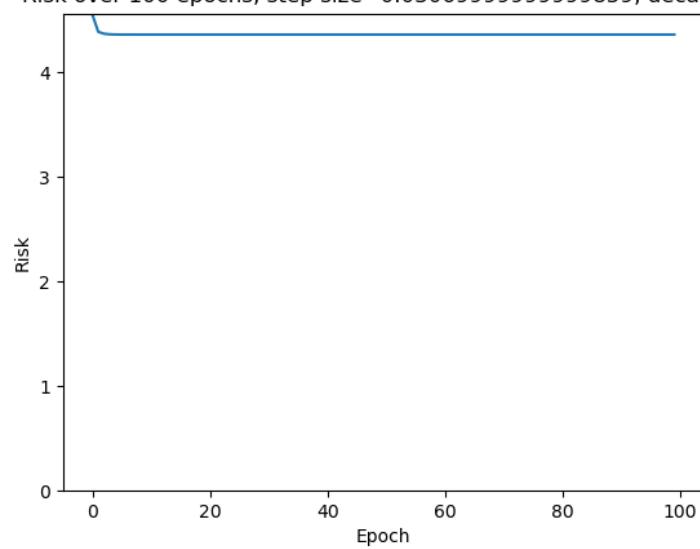
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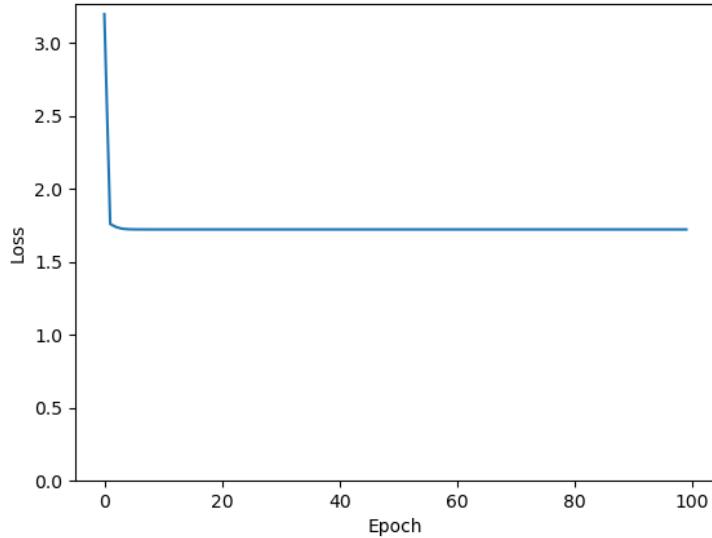
Loss over 100 epochs, step size=0.030699999999859, decay=1



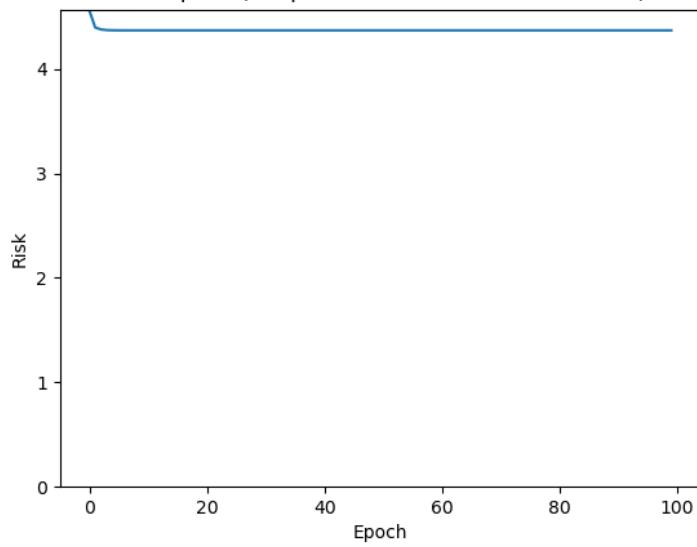
Risk over 100 epochs, step size=0.030699999999859, decay=1



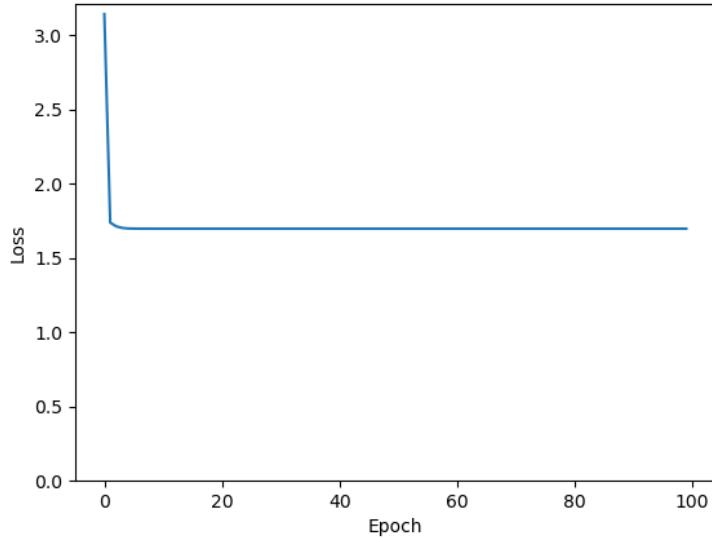
Loss over 100 epochs, step size=0.03059999999998587, decay=1



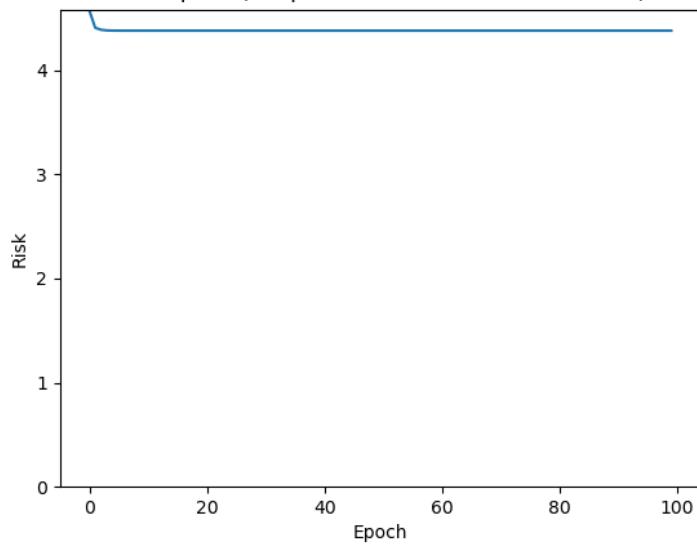
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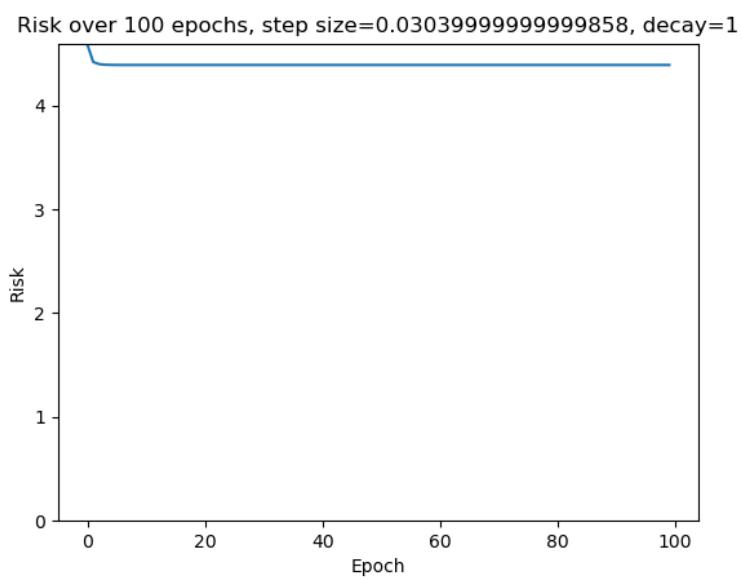
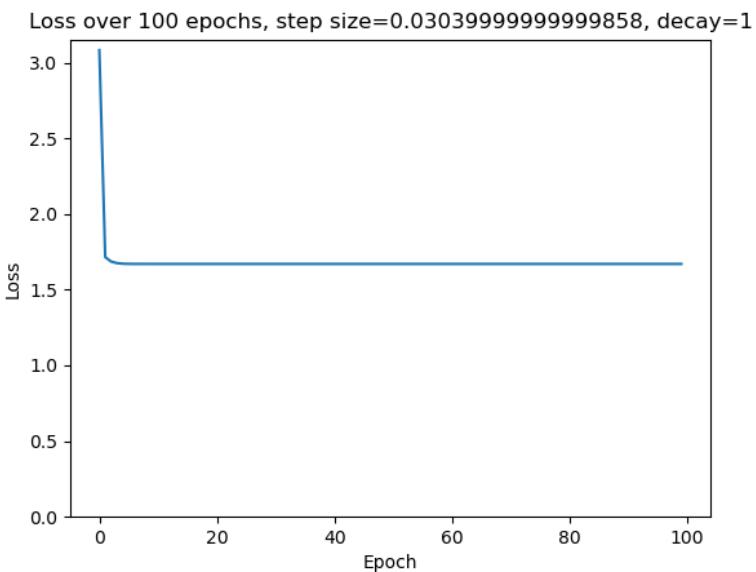


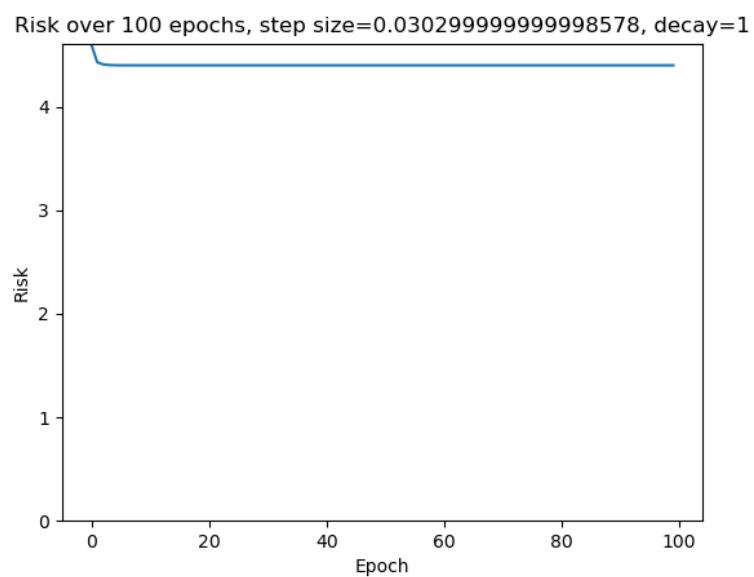
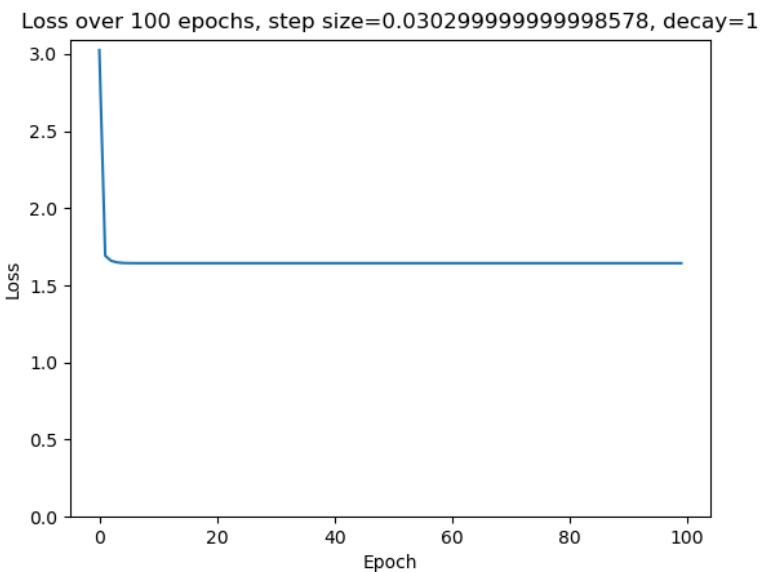
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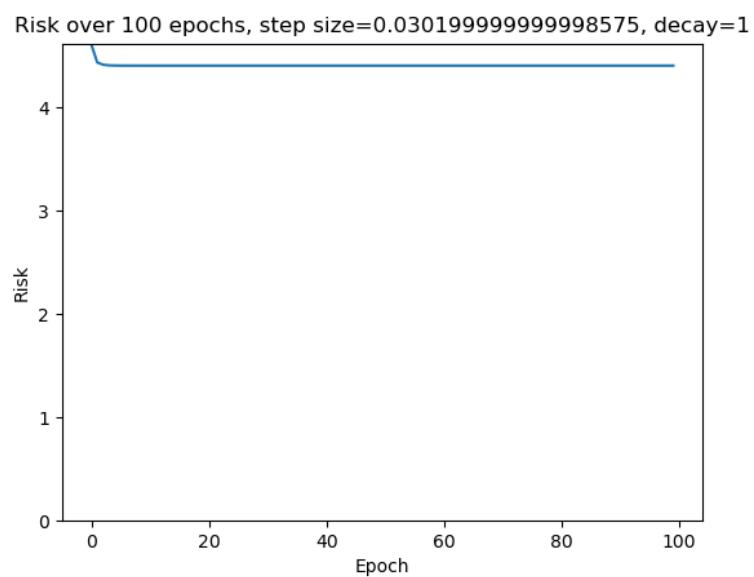
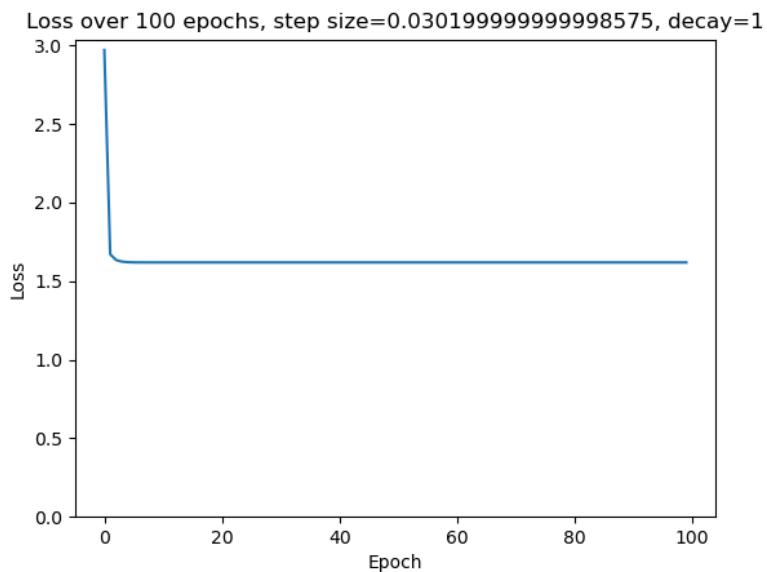


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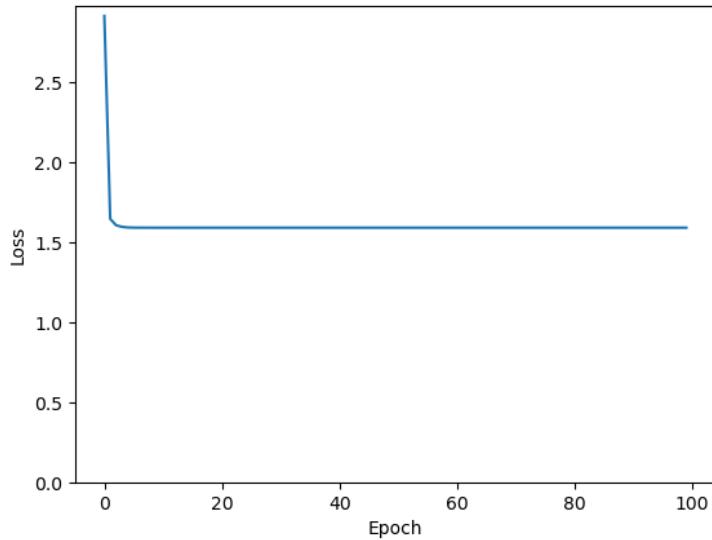




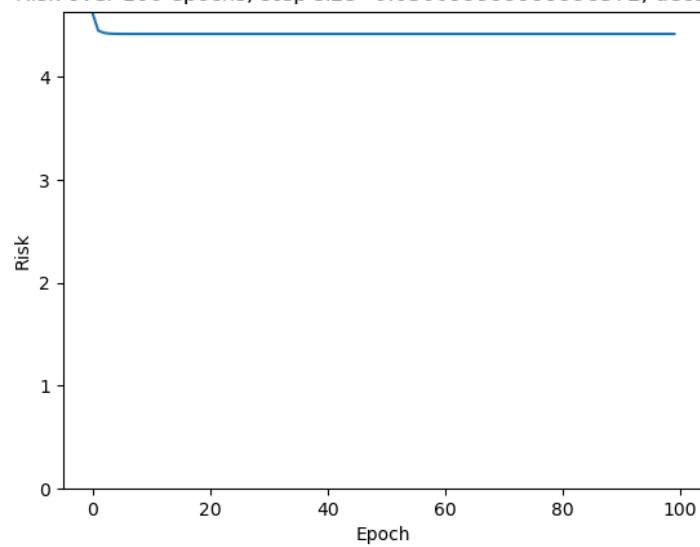




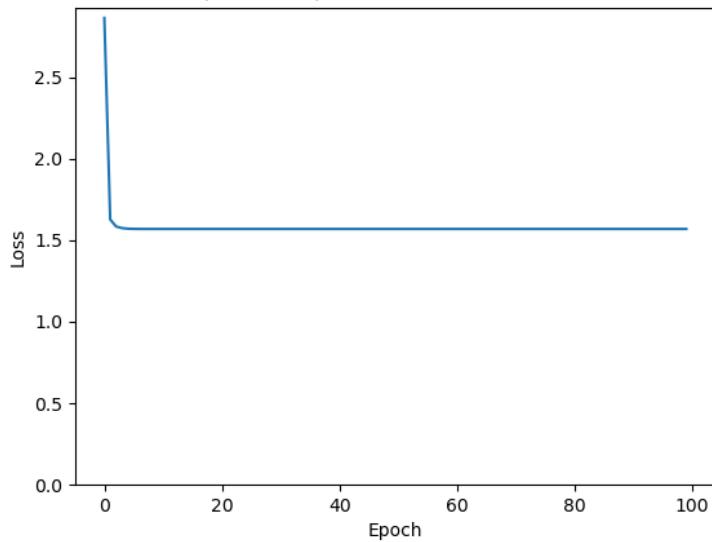
Loss over 100 epochs, step size=0.0300999999998572, decay=1



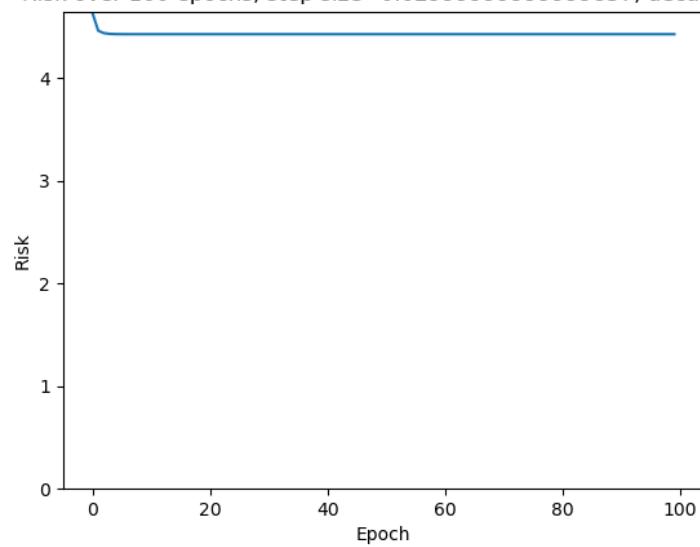
Risk over 100 epochs, step size=0.0300999999998572, decay=1



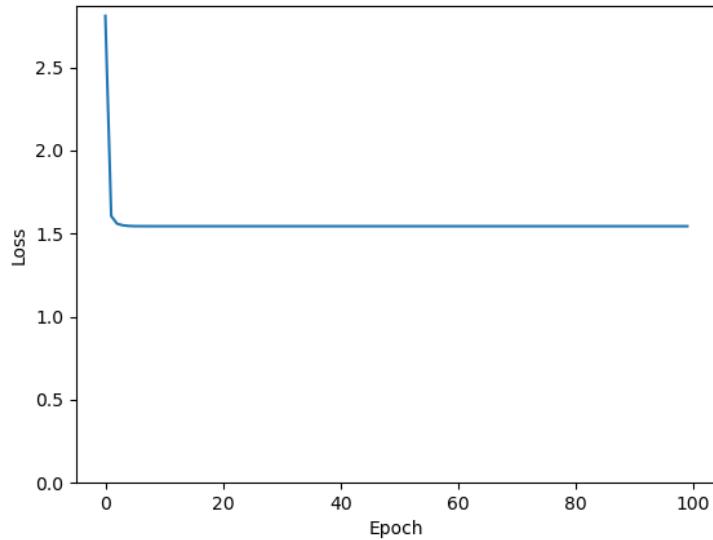
Loss over 100 epochs, step size=0.029999999999857, decay=1



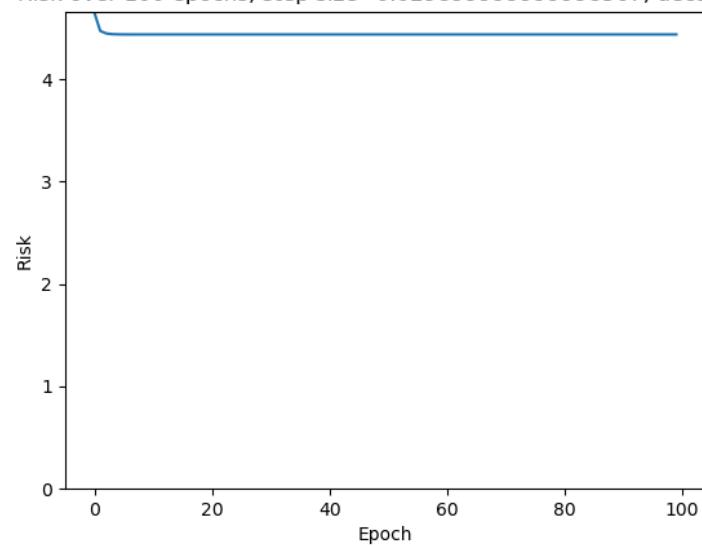
Risk over 100 epochs, step size=0.029999999999857, decay=1



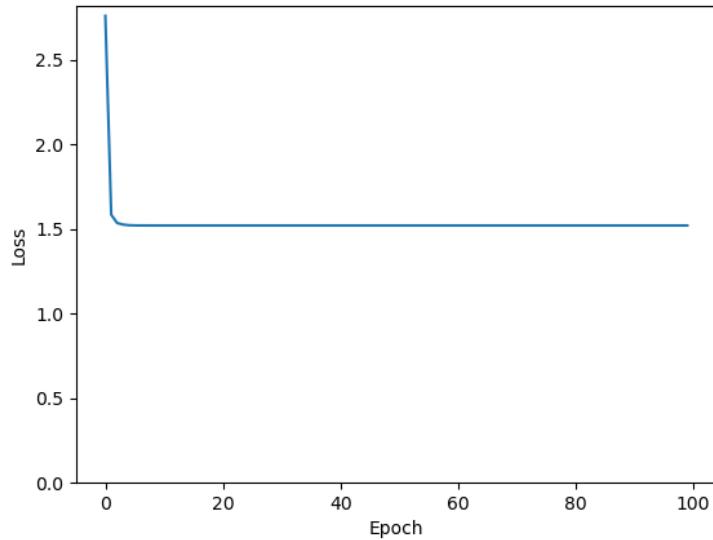
Loss over 100 epochs, step size=0.02989999999998567, decay=1



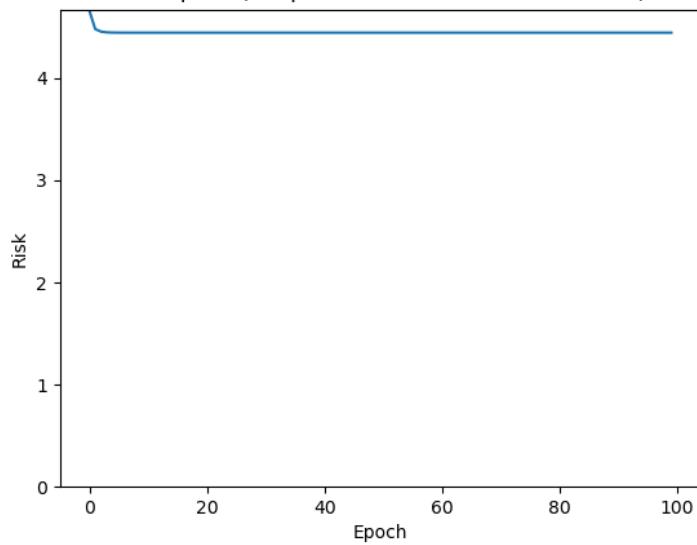
Risk over 100 epochs, step size=0.02989999999998567, decay=1



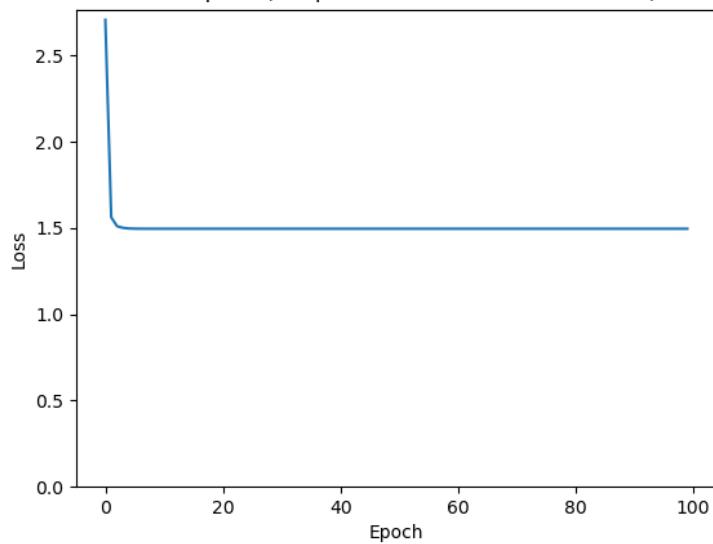
Loss over 100 epochs, step size=0.0297999999998564, decay=1



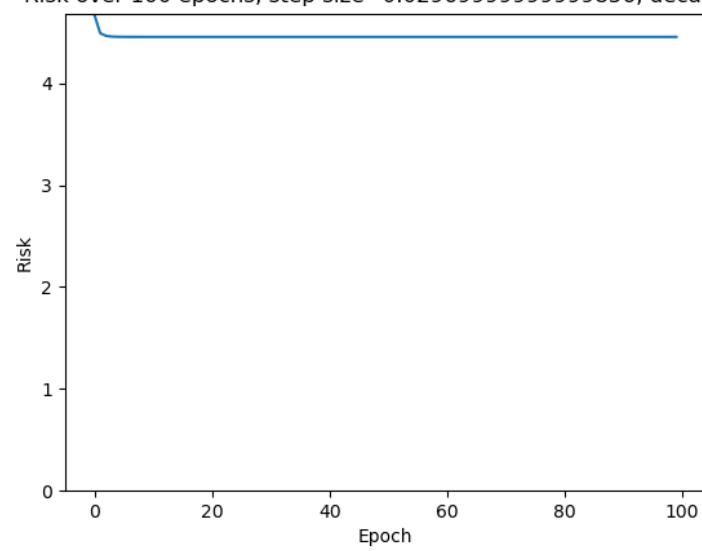
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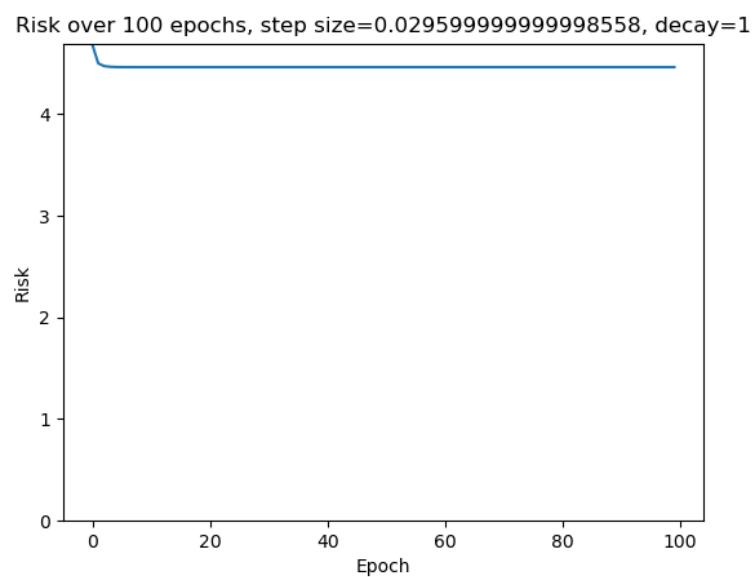
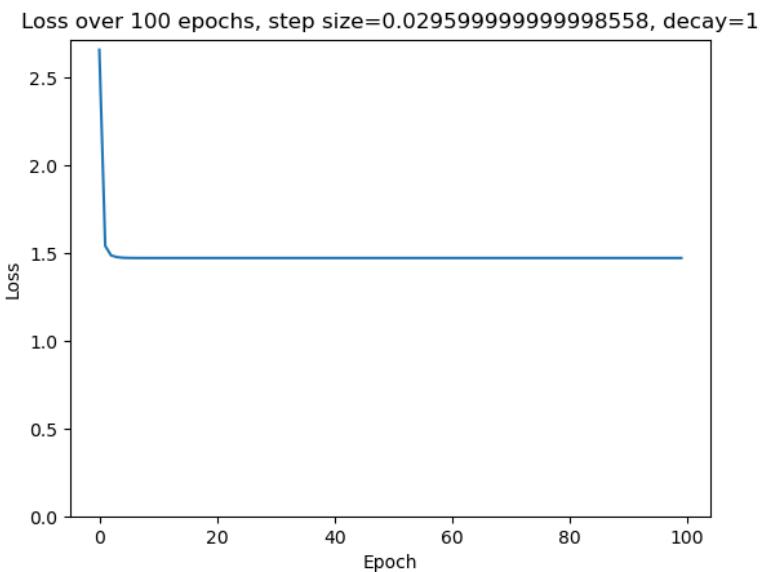


Loss over 100 epochs, step size=0.029699999999856, decay=1

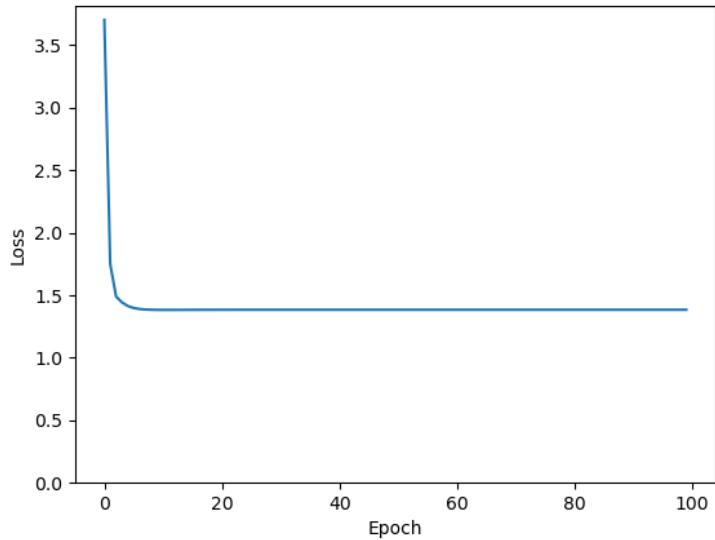


Risk over 100 epochs, step size=0.029699999999856, decay=1

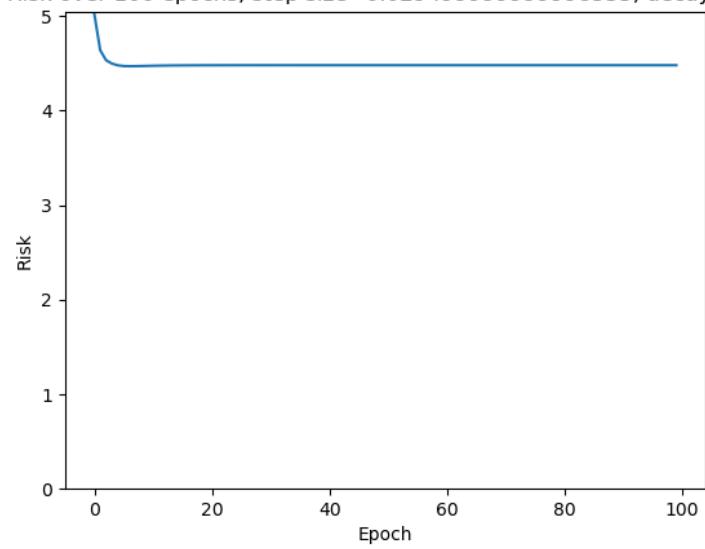




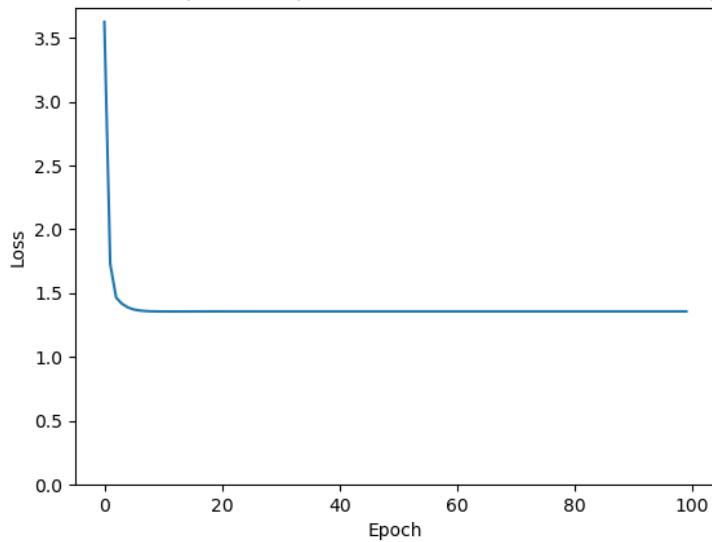
Loss over 100 epochs, step size=0.0294999999998555, decay=0.3



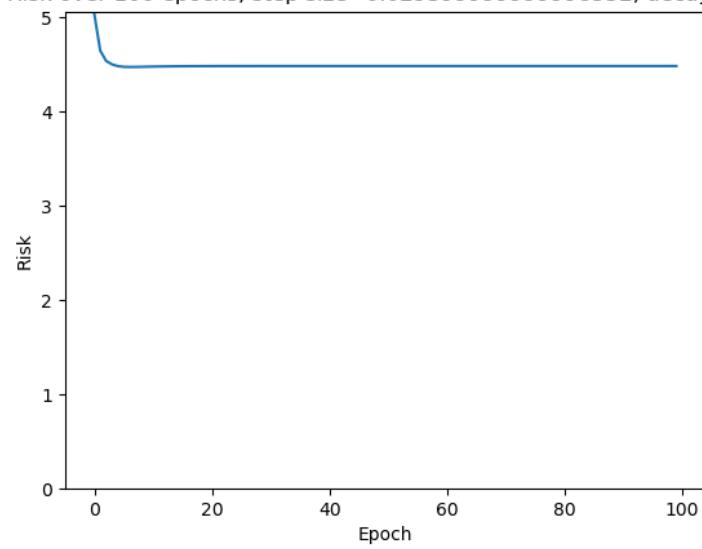
Risk over 100 epochs, step size=0.0294999999998555, decay=0.3



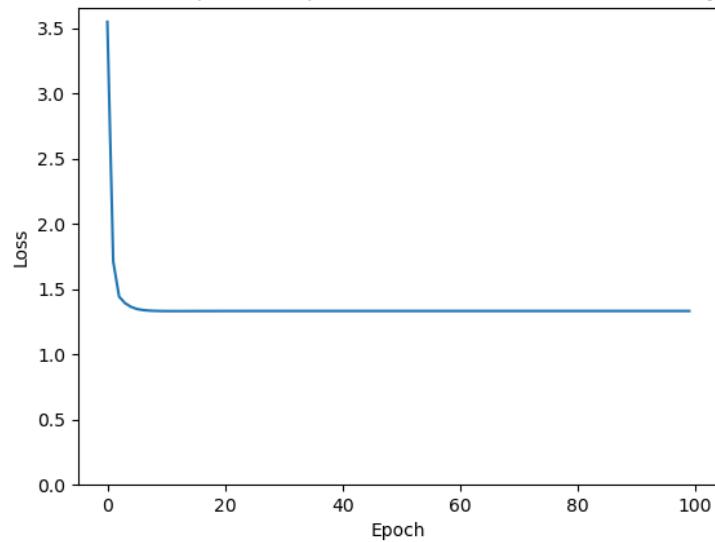
Loss over 100 epochs, step size=0.0293999999998552, decay=0.3



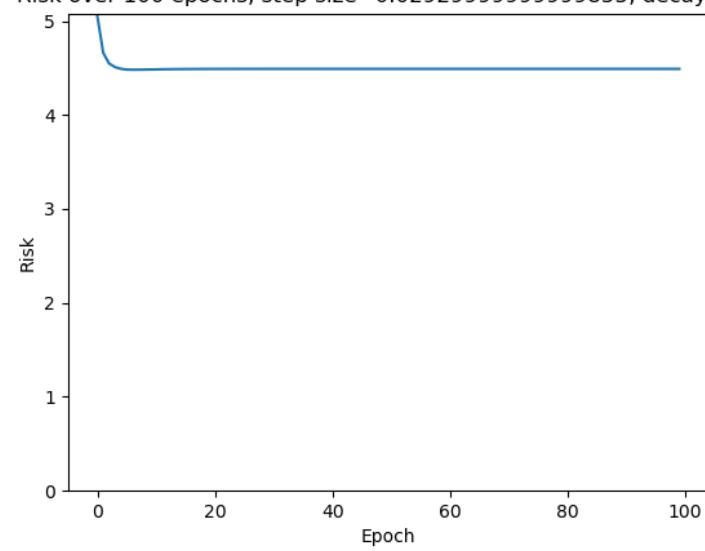
Risk over 100 epochs, step size=0.0293999999998552, decay=0.3



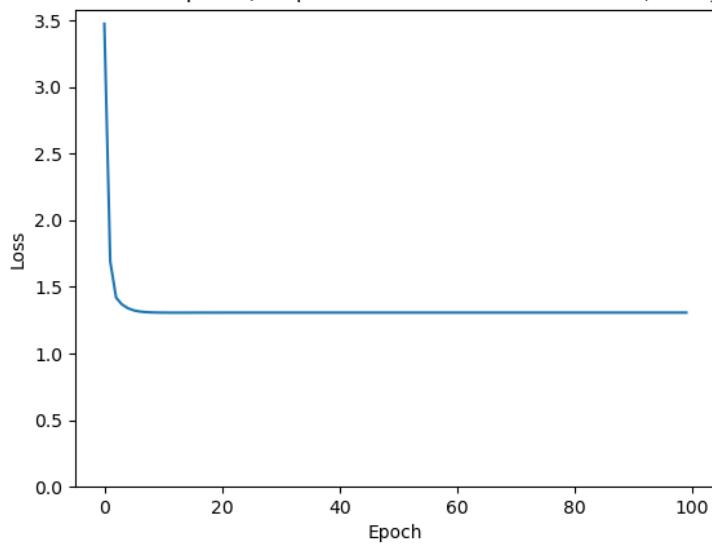
Loss over 100 epochs, step size=0.0292999999999855, decay=0.3



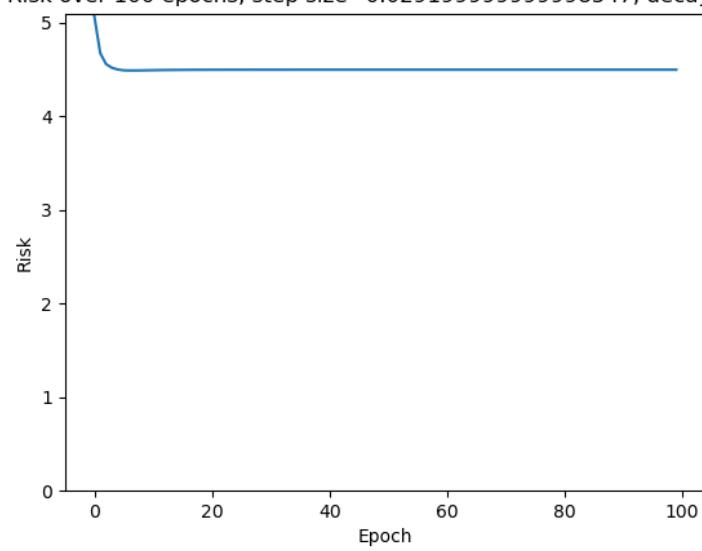
Risk over 100 epochs, step size=0.0292999999999855, decay=0.3

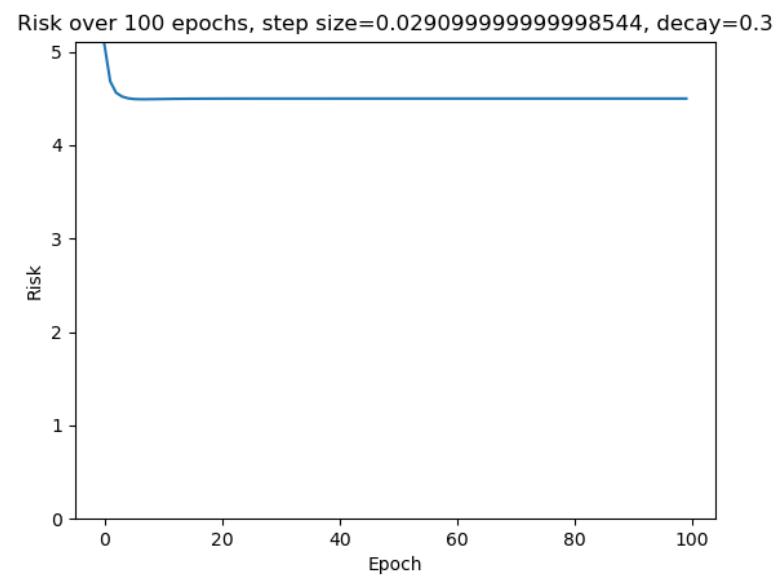
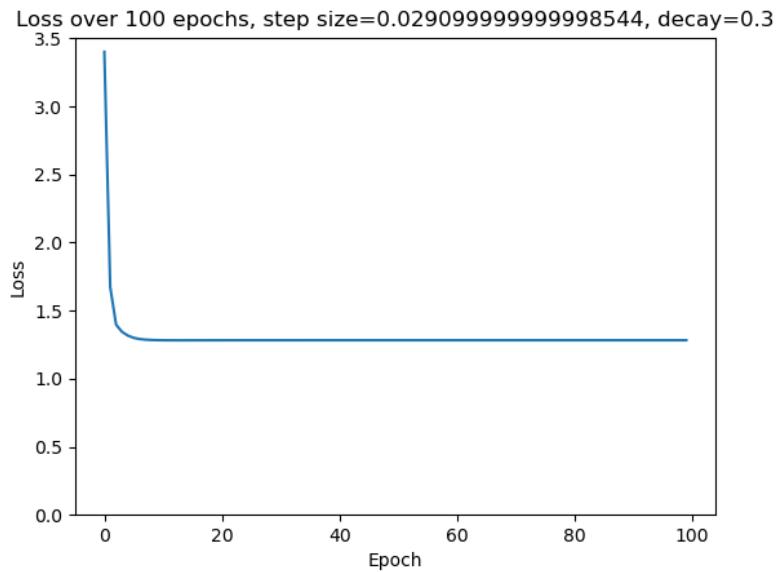


Loss over 100 epochs, step size=0.0291999999998547, decay=0.3

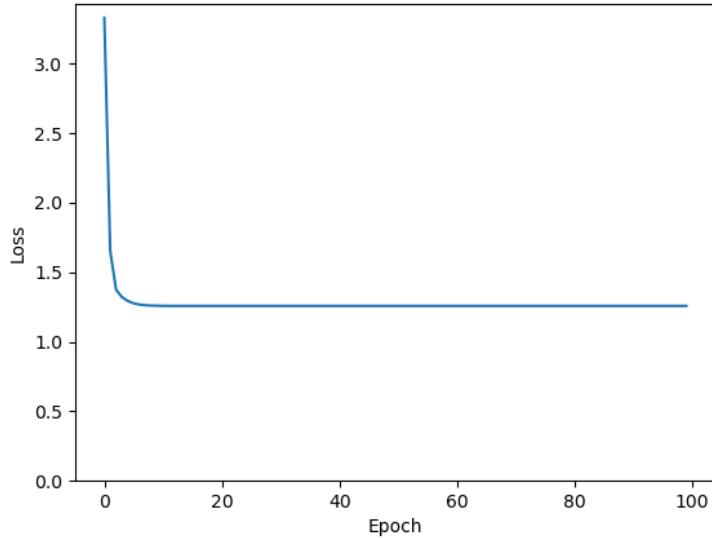


Risk over 100 epochs, step size=0.0291999999998547, decay=0.3

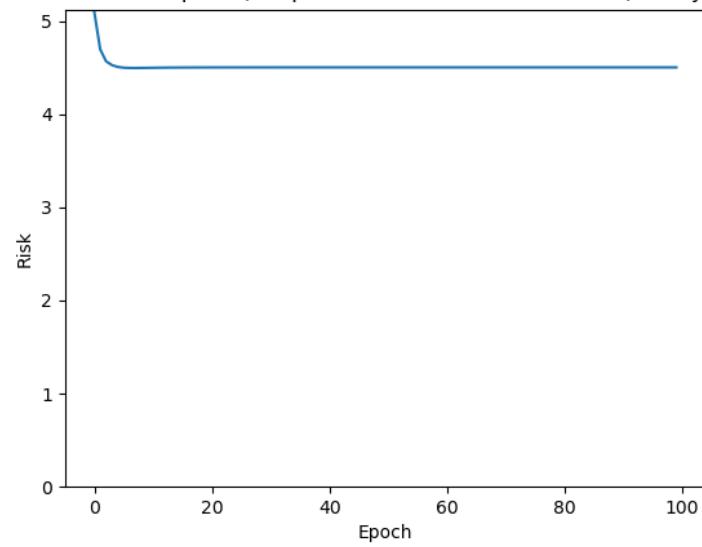




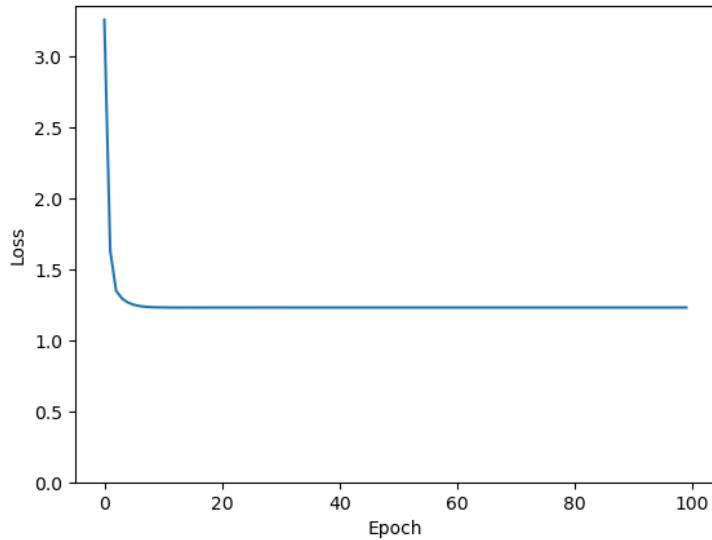
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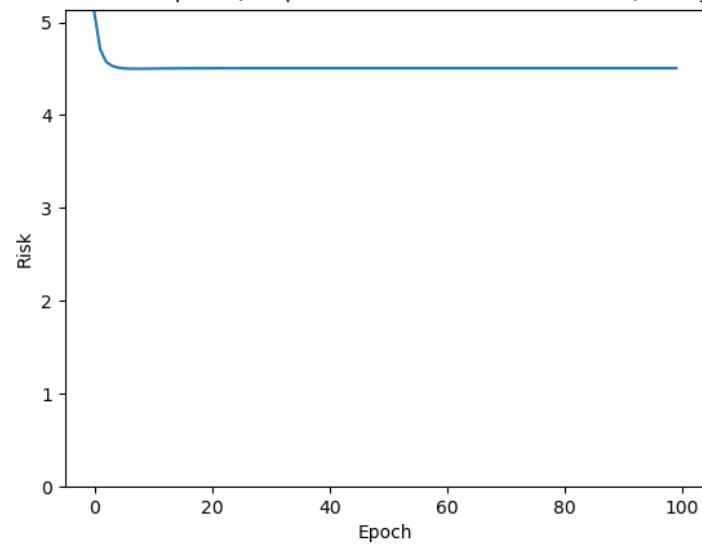
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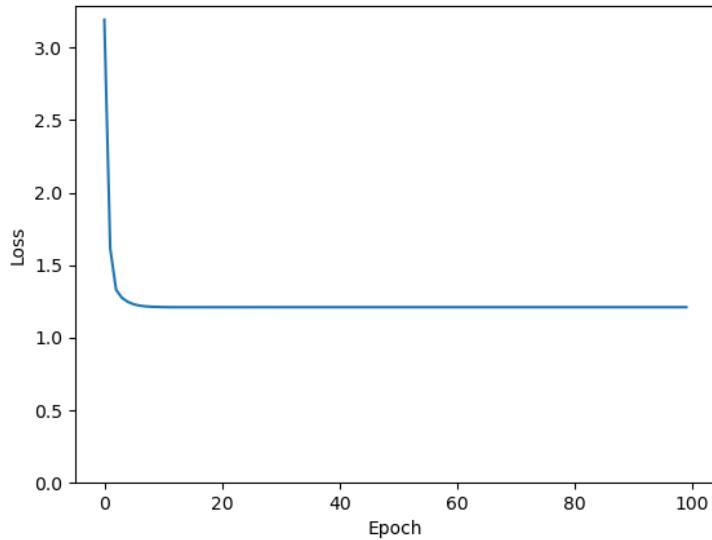
Loss over 100 epochs, step size=0.02889999999998538, decay=0.3



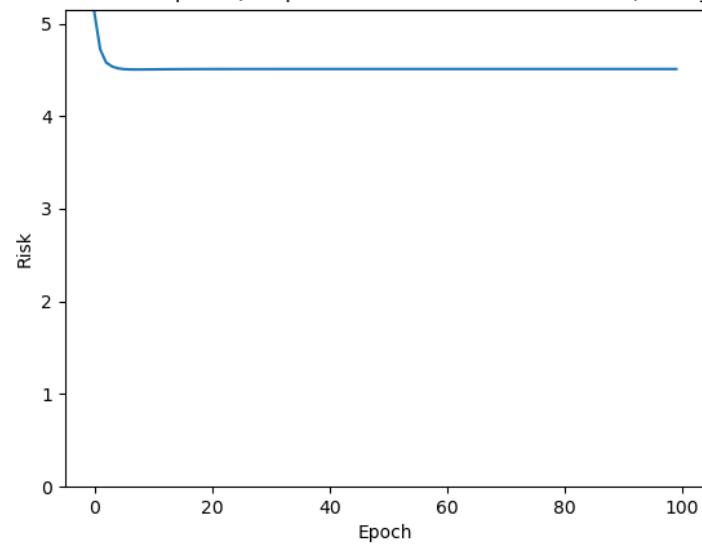
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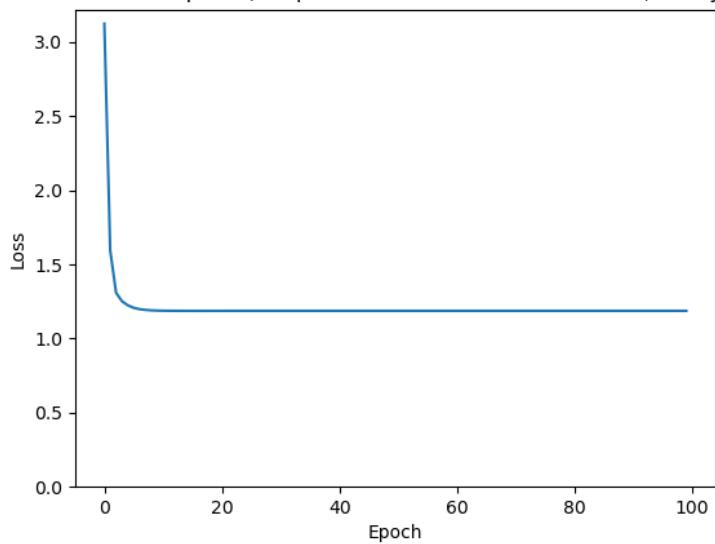
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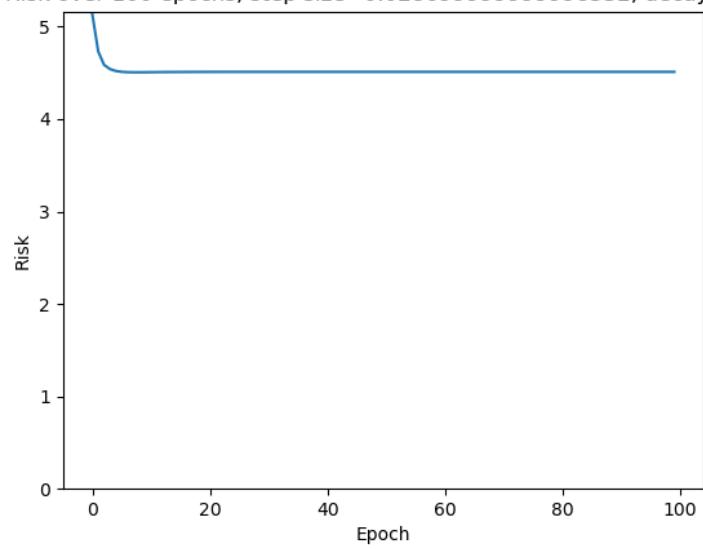
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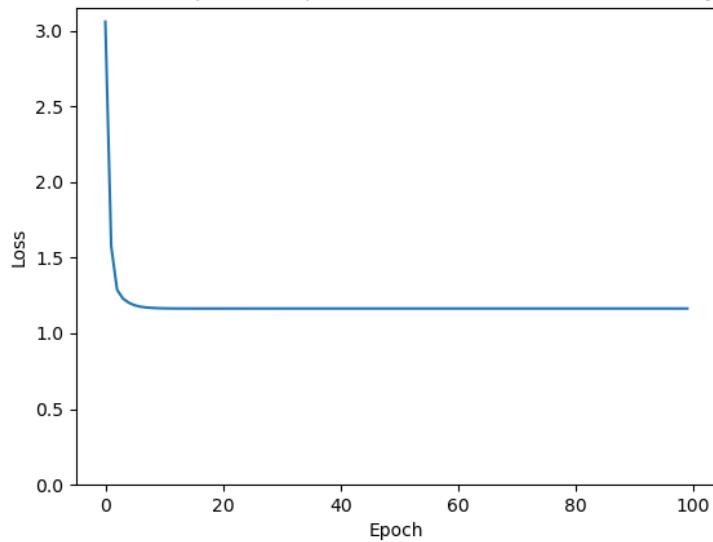
Loss over 100 epochs, step size=0.02869999999998532, decay=0.3



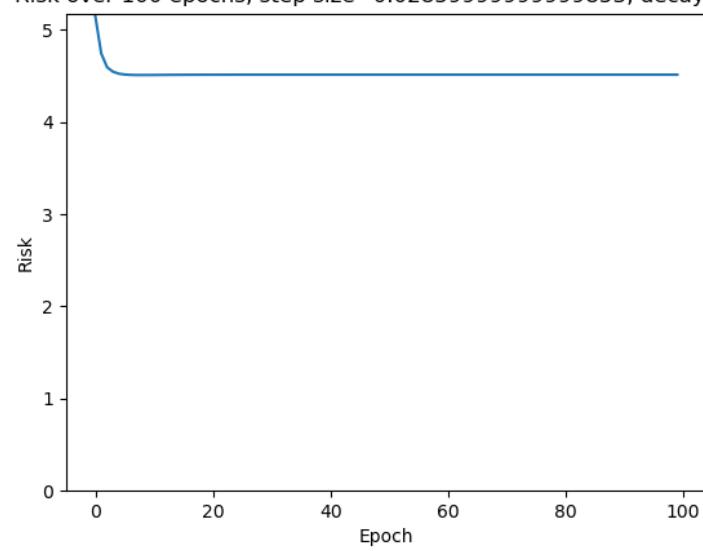
Risk over 100 epochs, step size=0.02869999999998532, decay=0.3



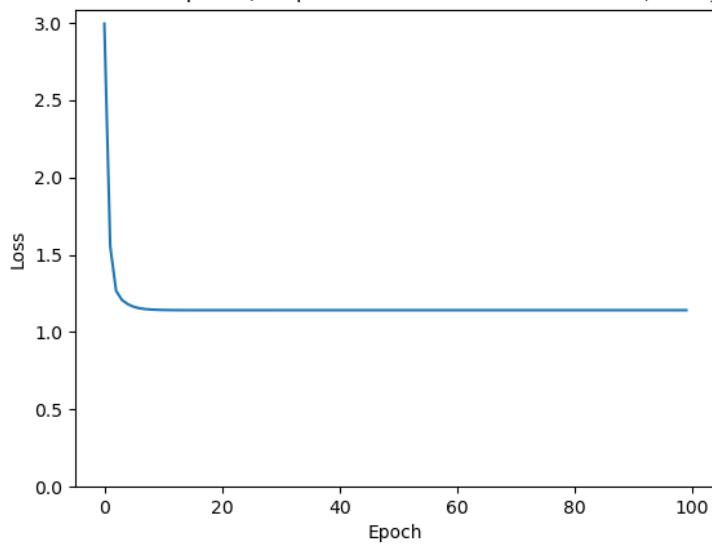
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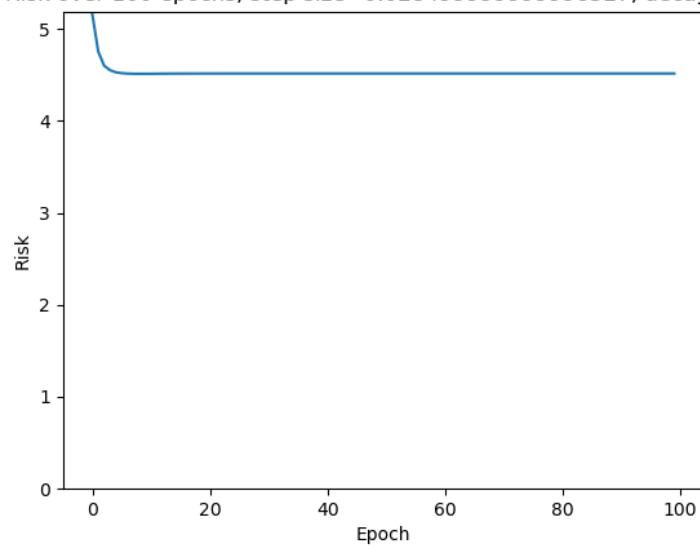
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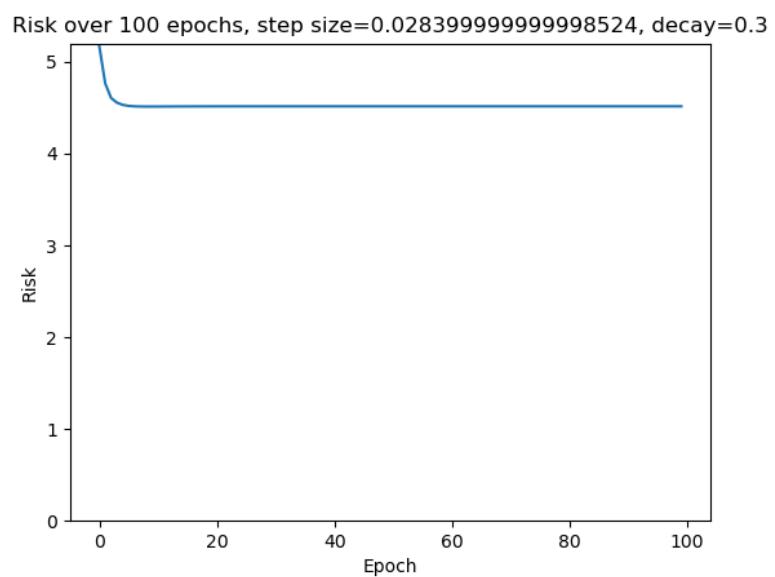
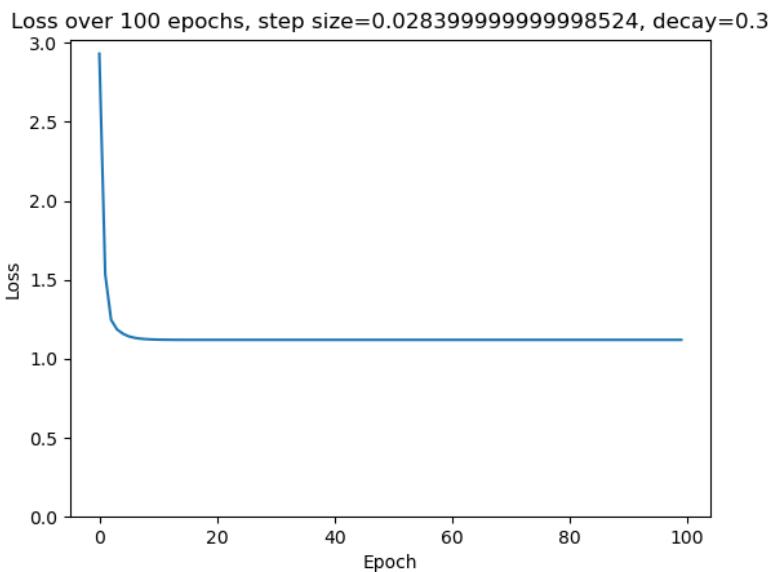


Loss over 100 epochs, step size=0.0284999999998527, decay=0.3

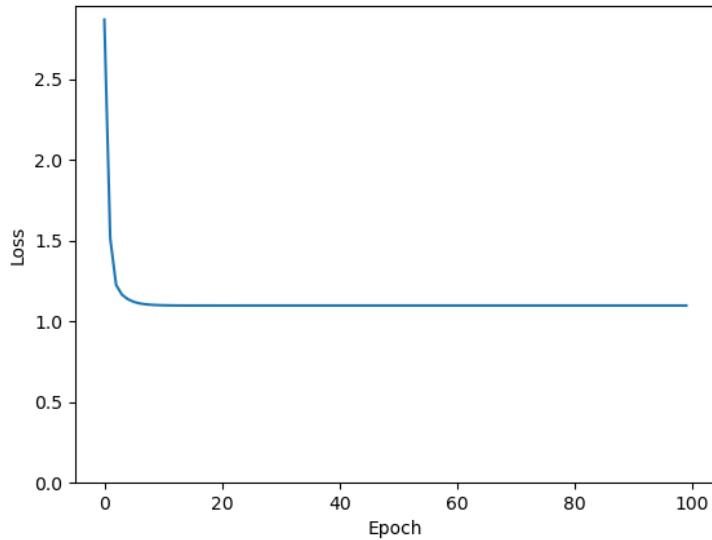


Risk over 100 epochs, step size=0.0284999999998527, decay=0.3

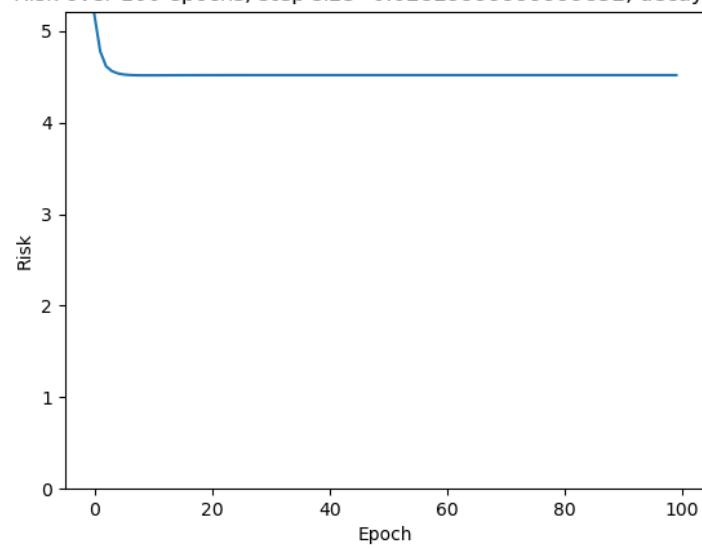




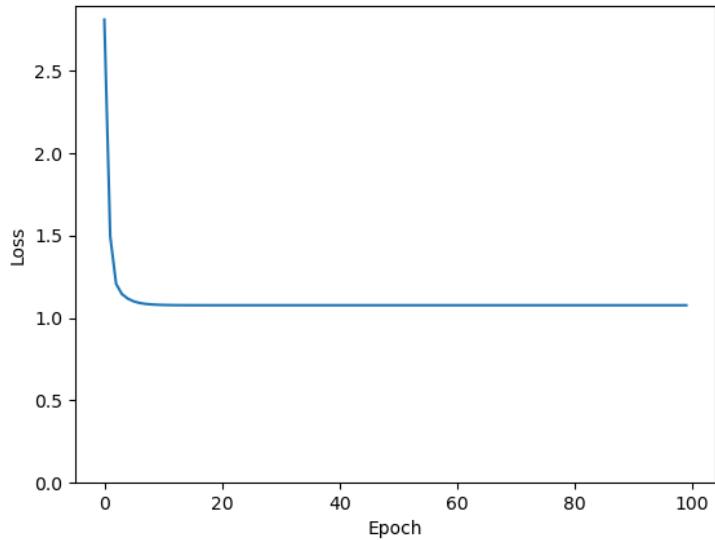
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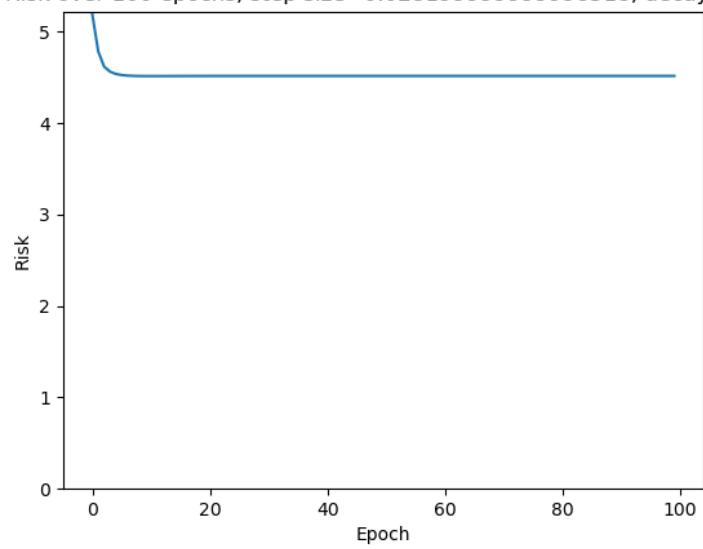
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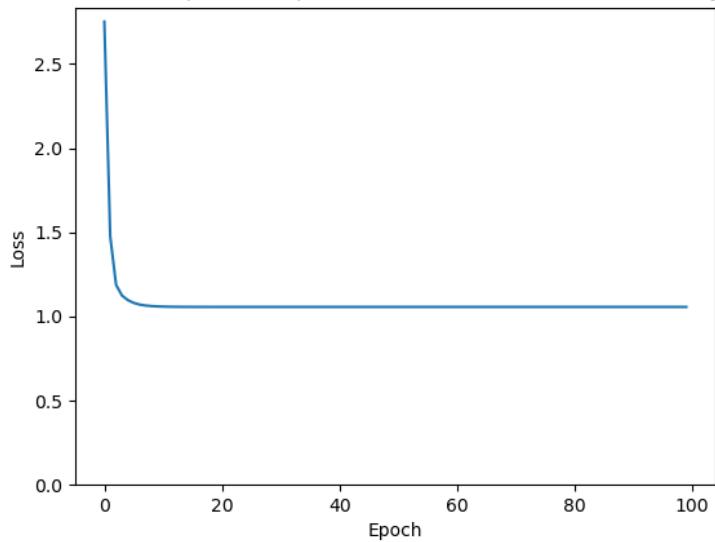
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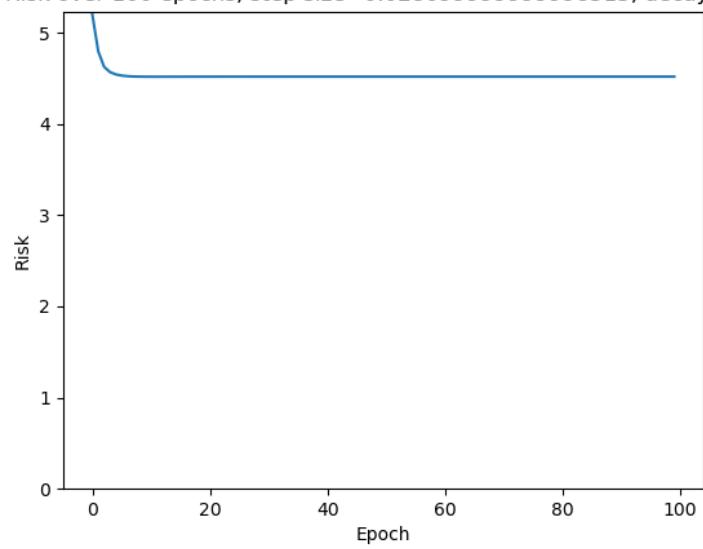
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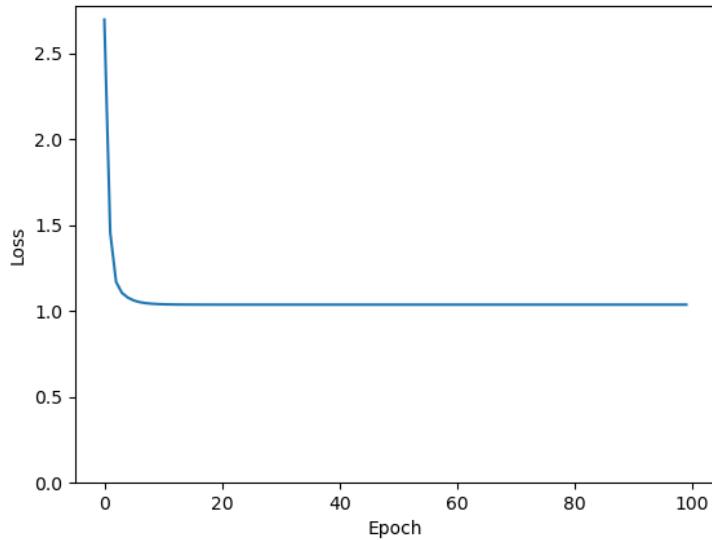
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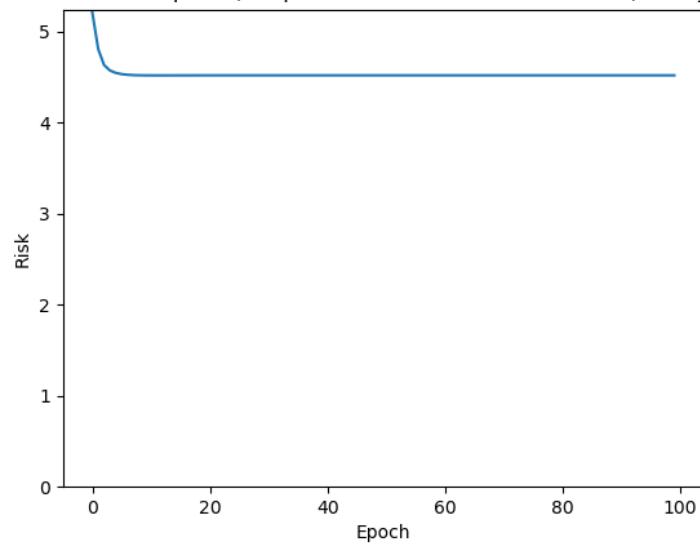
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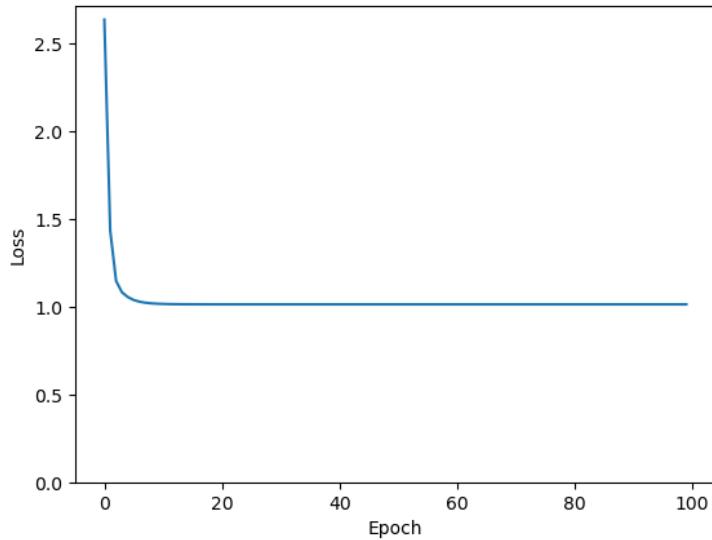
Loss over 100 epochs, step size=0.0279999999998512, decay=0.3



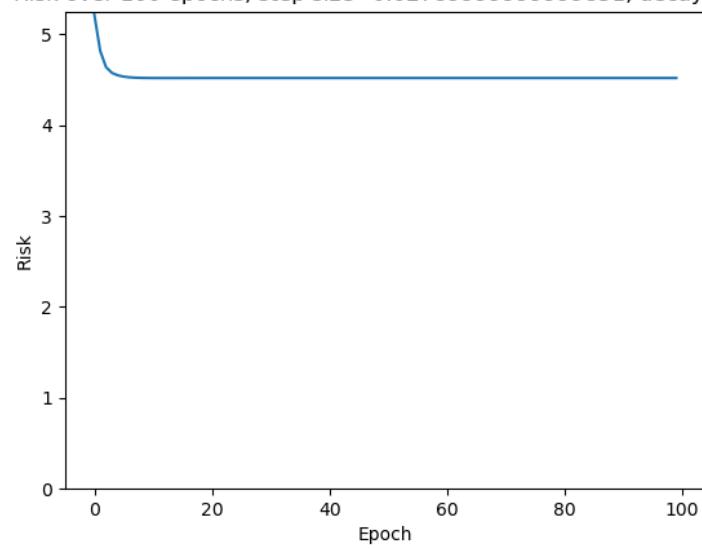
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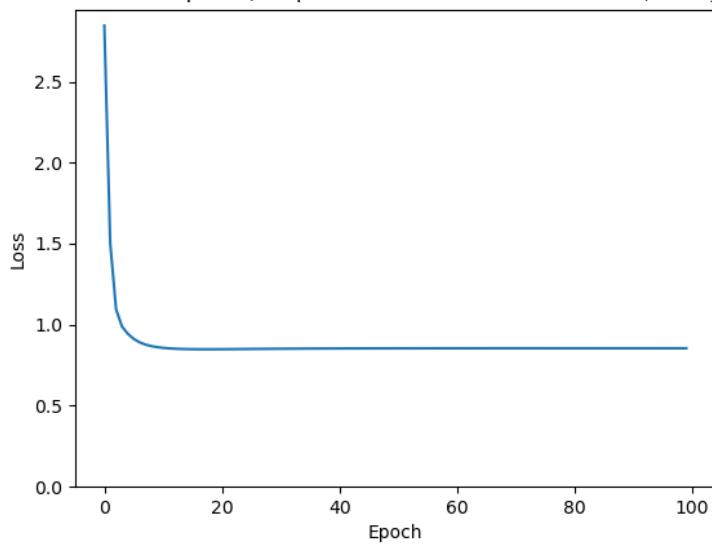
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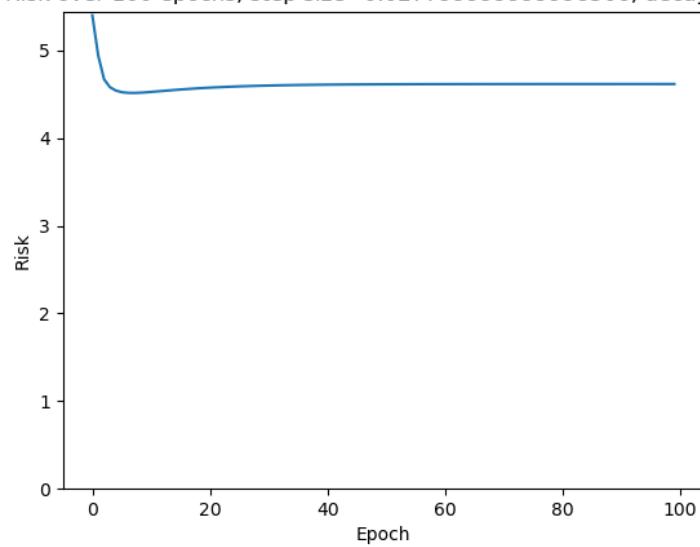
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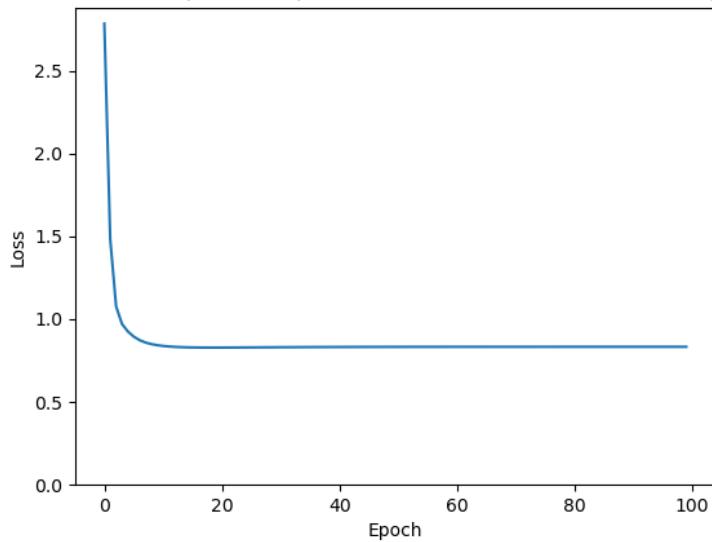
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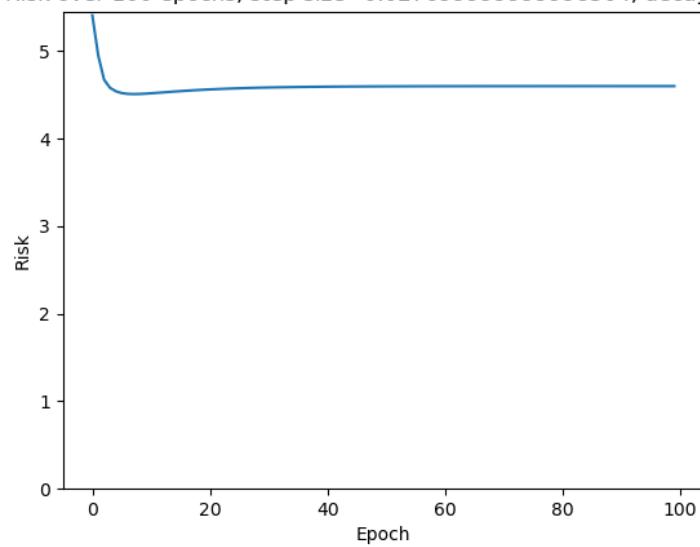
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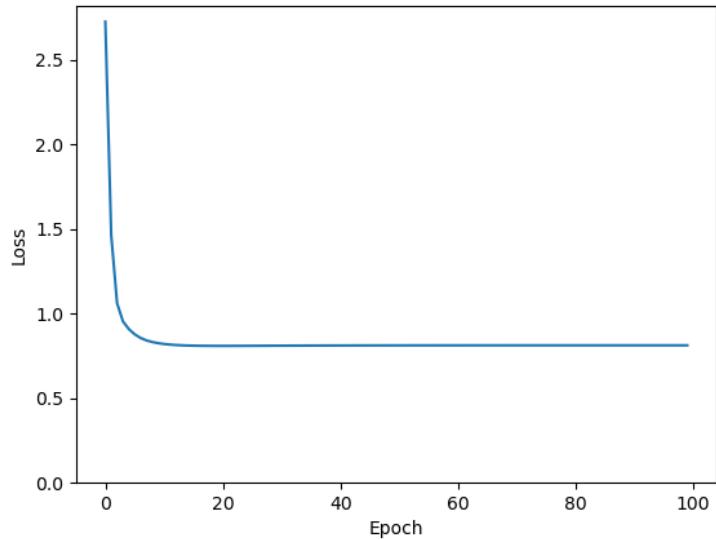
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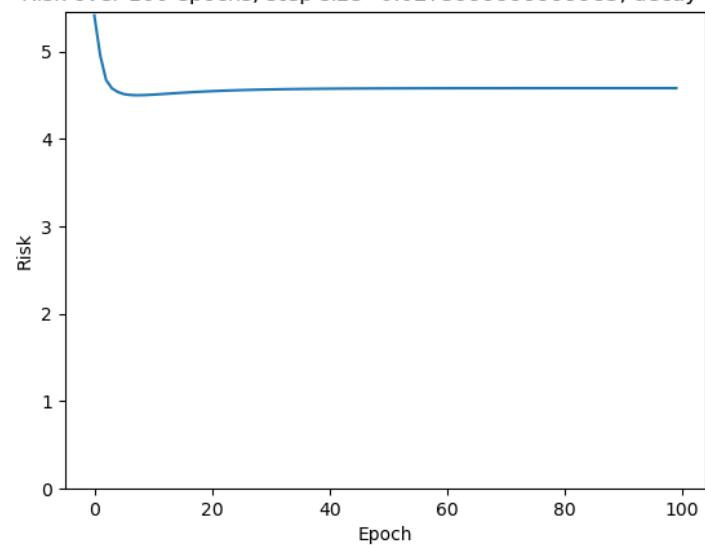
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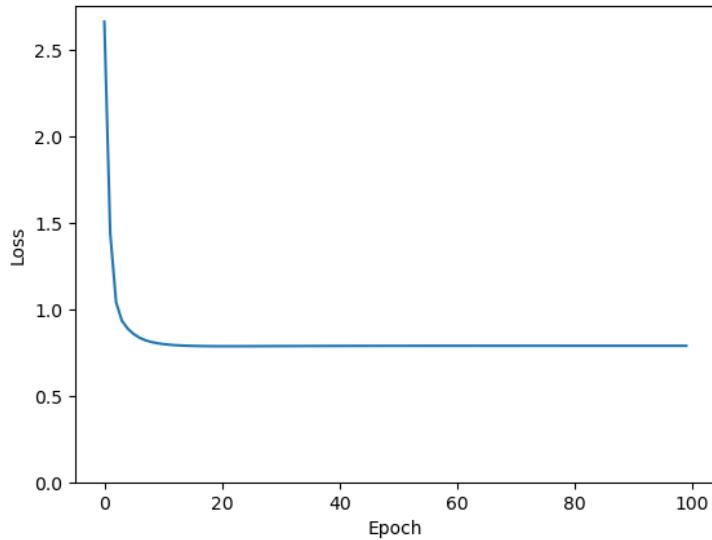
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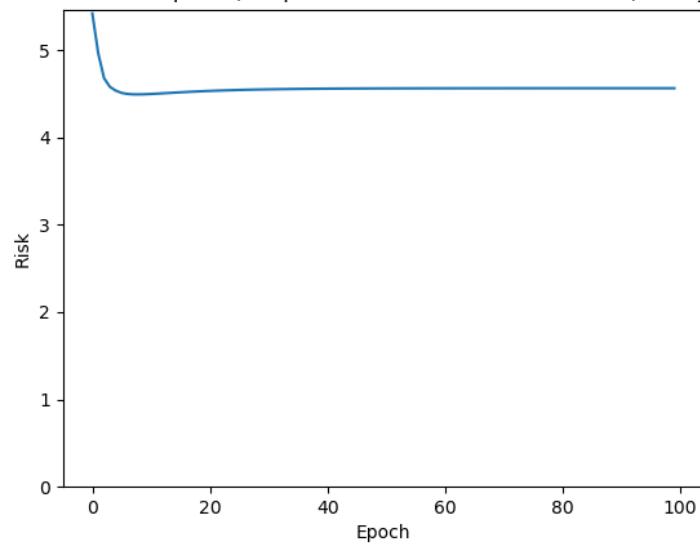
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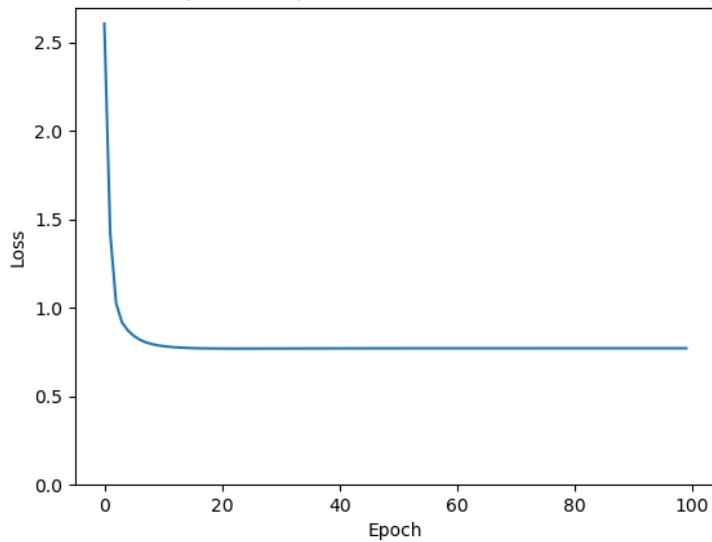
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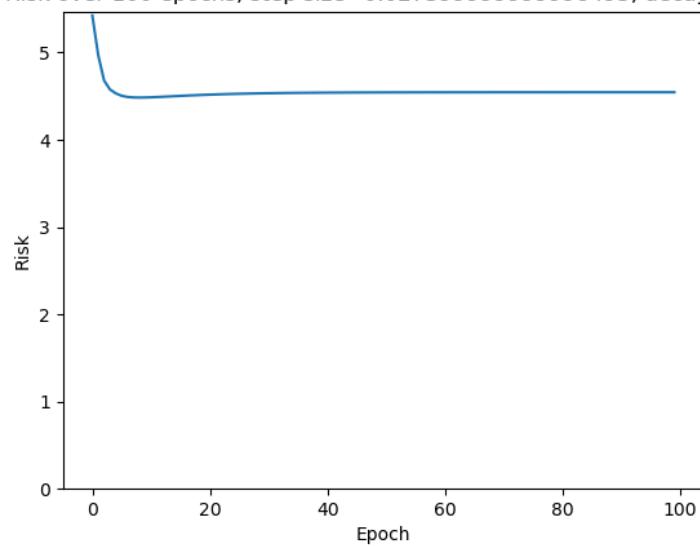
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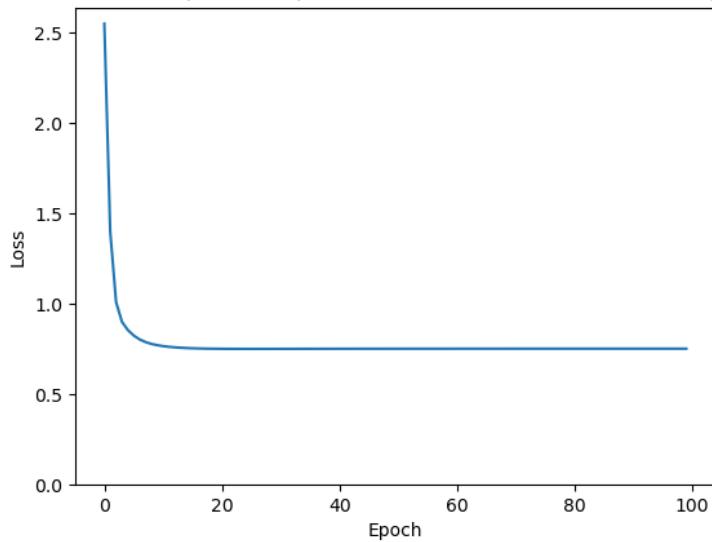
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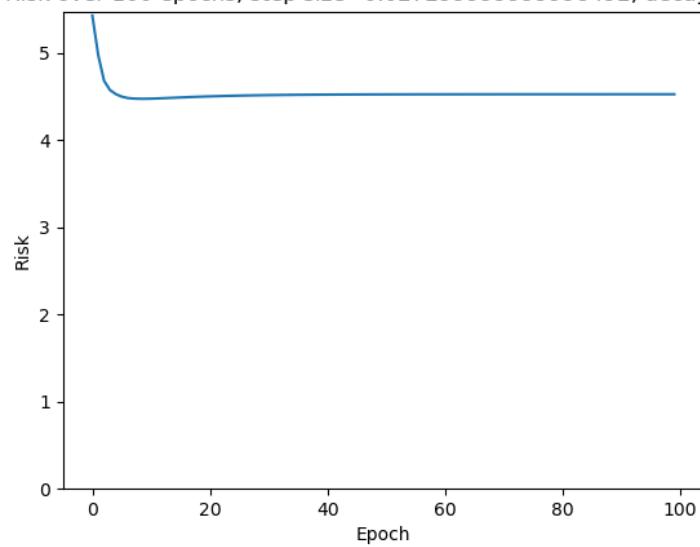
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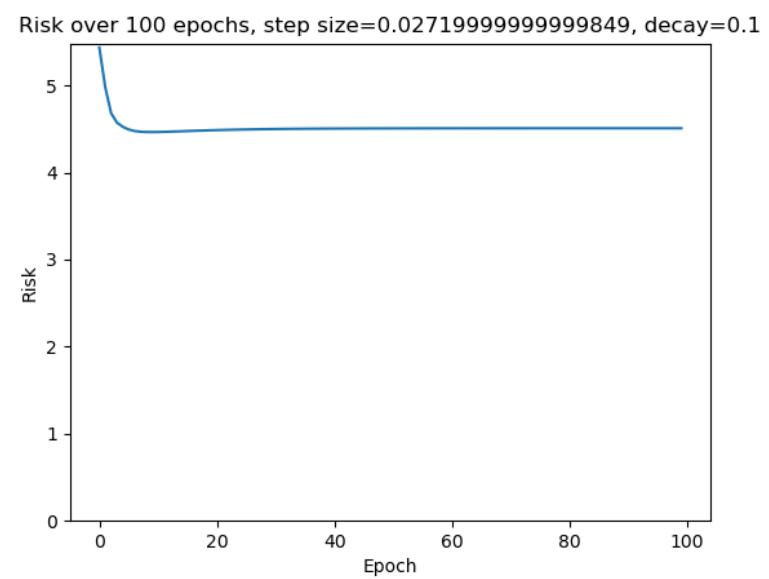
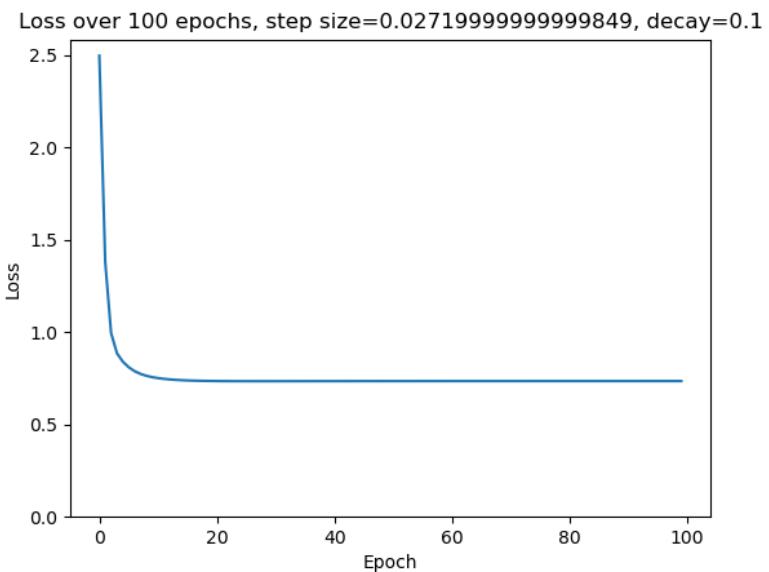


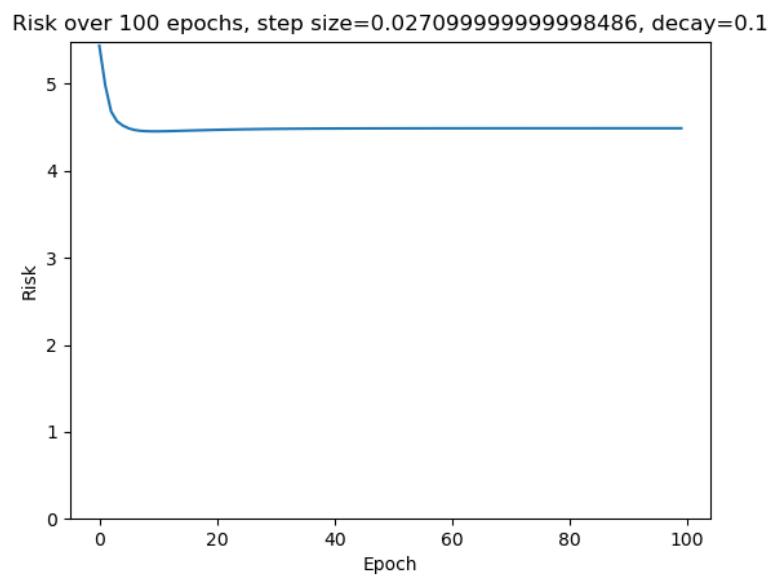
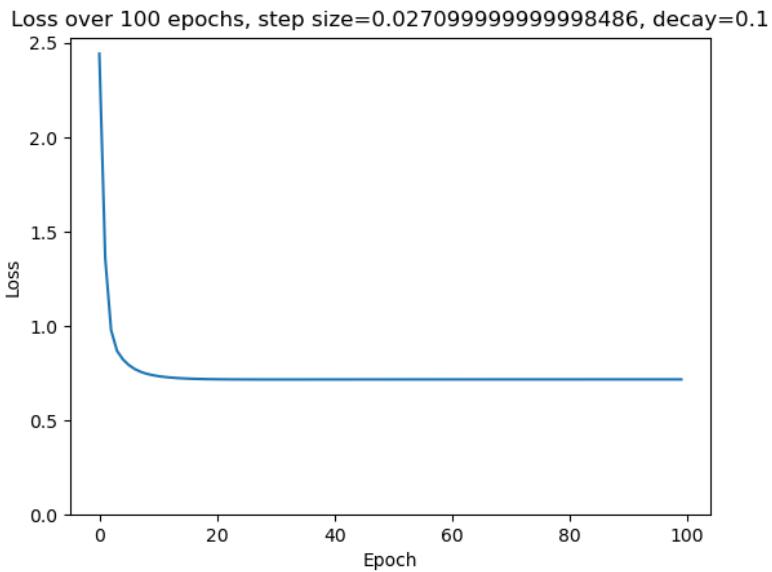
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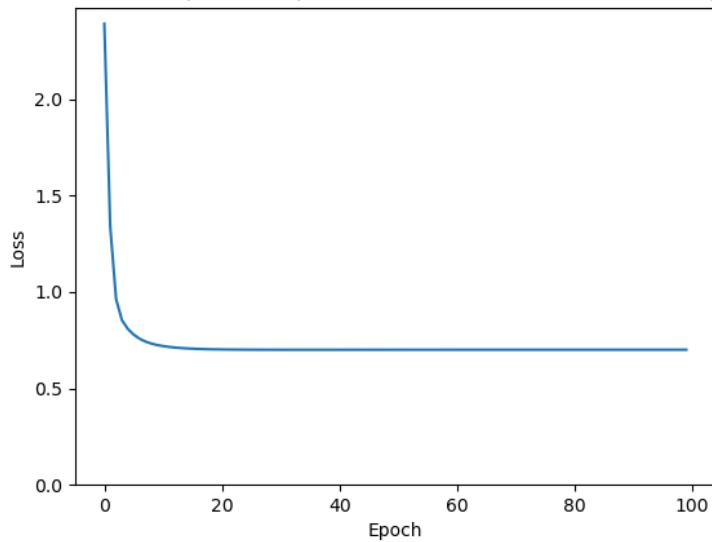
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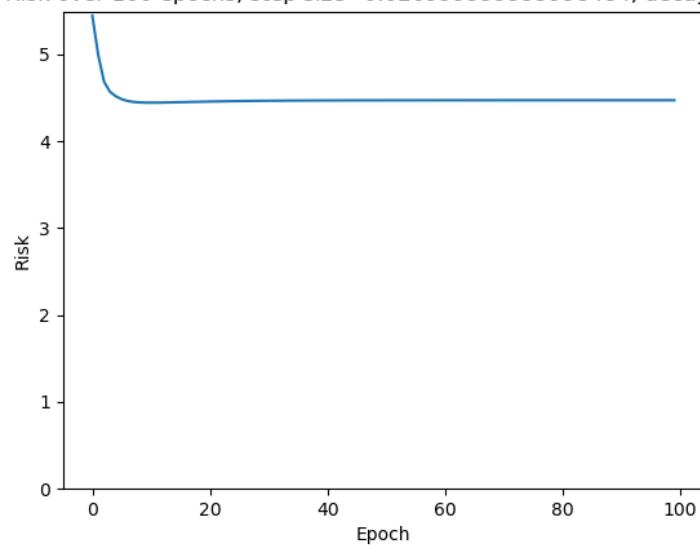


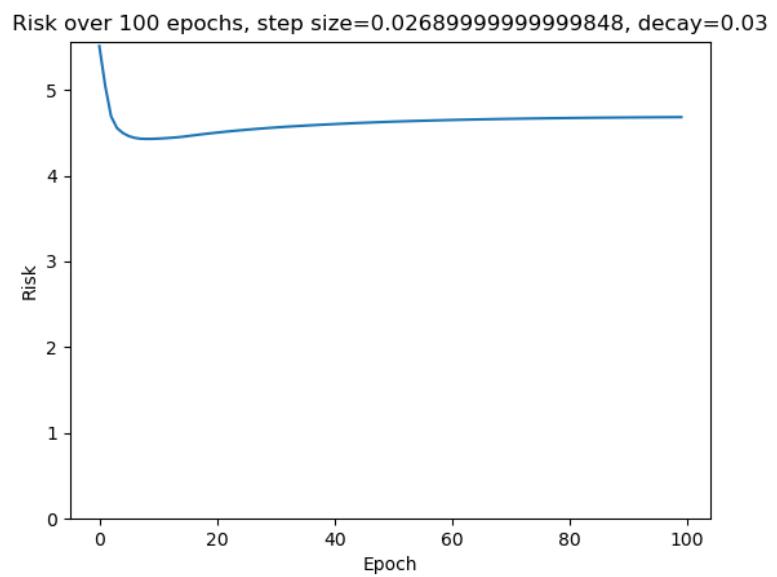
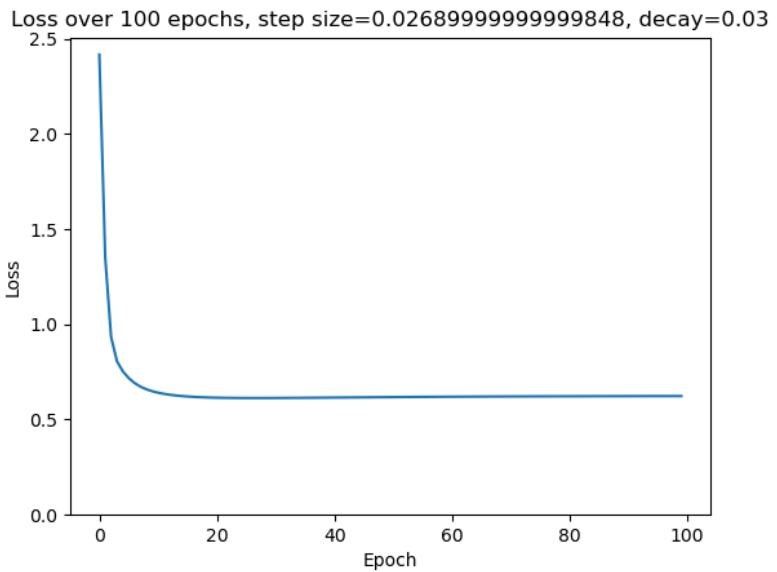


Loss over 100 epochs, step size=0.0269999999998484, decay=0.1

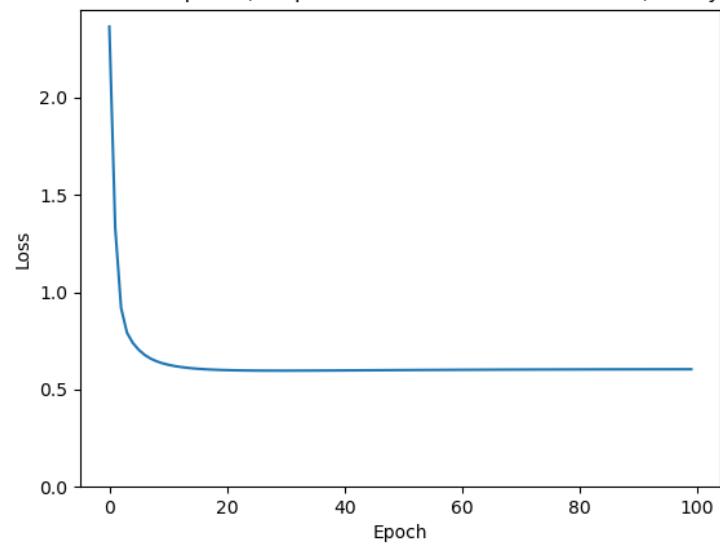


Risk over 100 epochs, step size=0.0269999999998484, decay=0.1

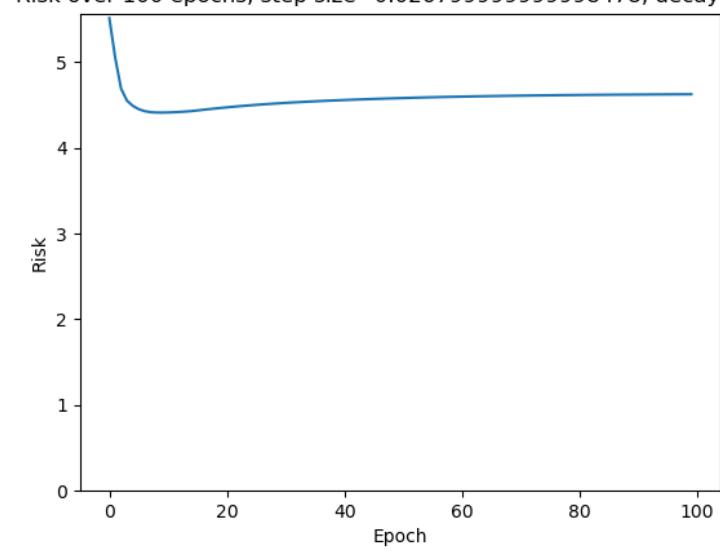




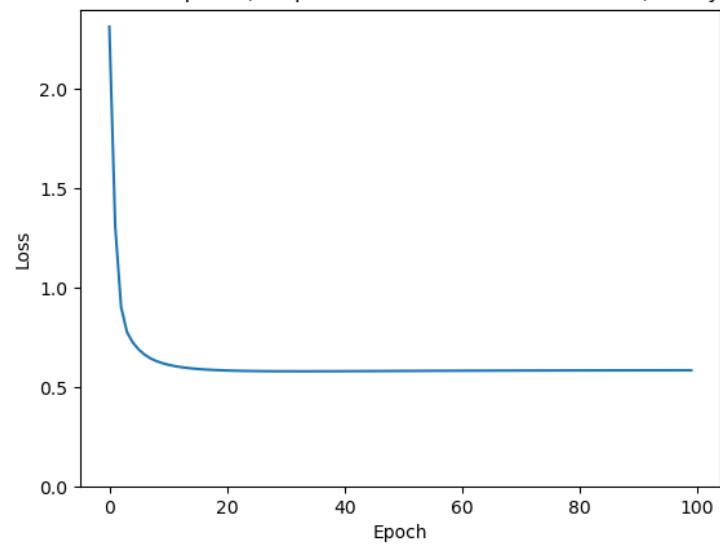
Loss over 100 epochs, step size=0.0267999999998478, decay=0.03



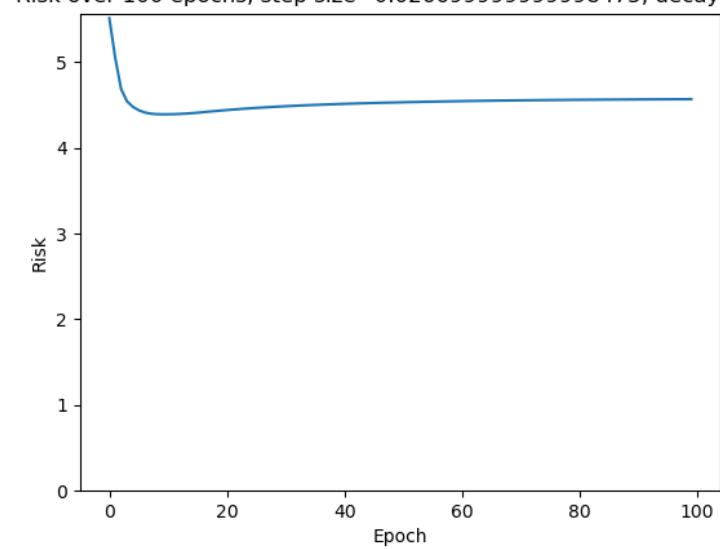
Risk over 100 epochs, step size=0.0267999999998478, decay=0.03



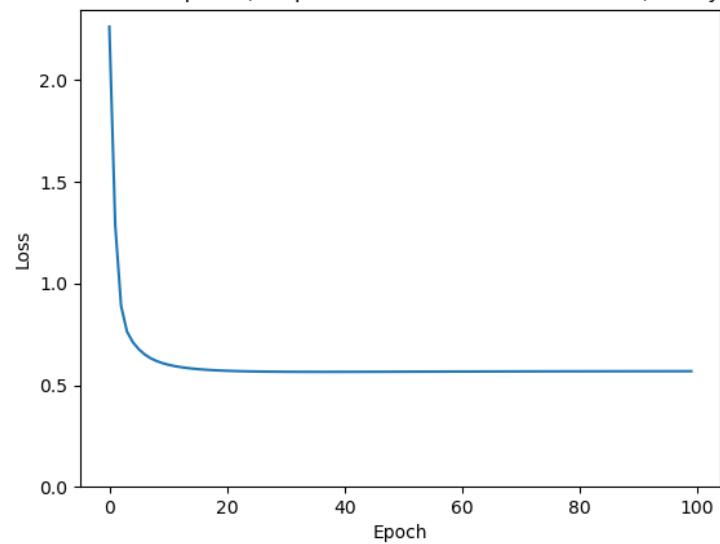
Loss over 100 epochs, step size=0.02669999999998475, decay=0.03



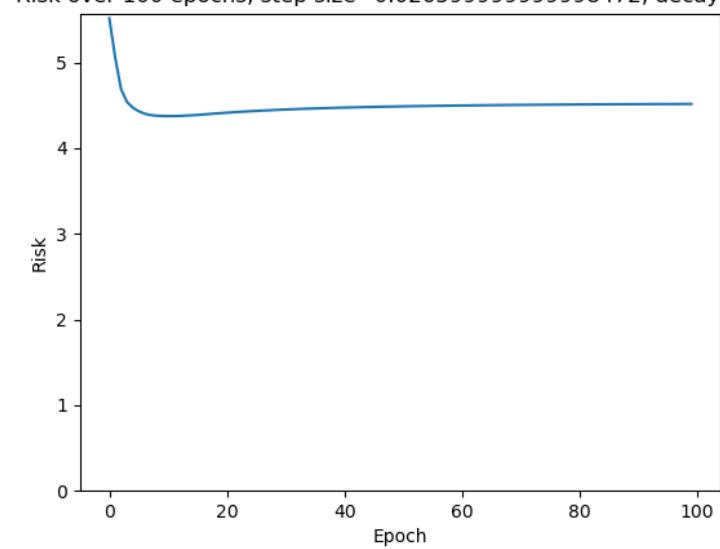
Risk over 100 epochs, step size=0.02669999999998475, decay=0.03



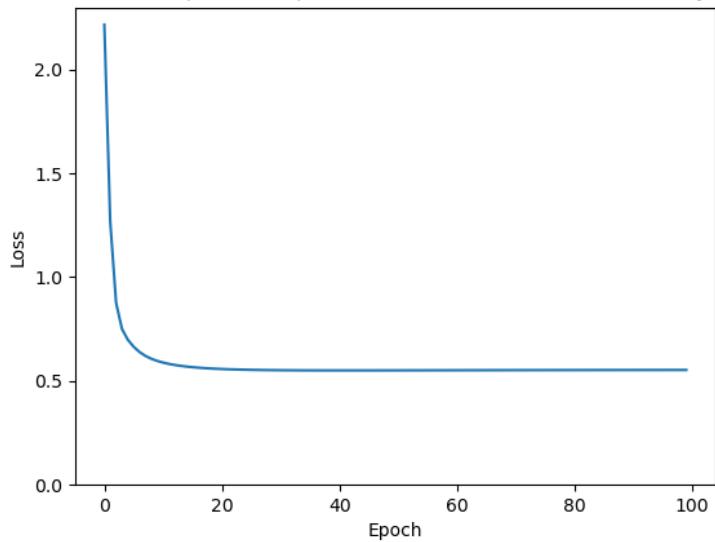
Loss over 100 epochs, step size=0.0265999999998472, decay=0.03



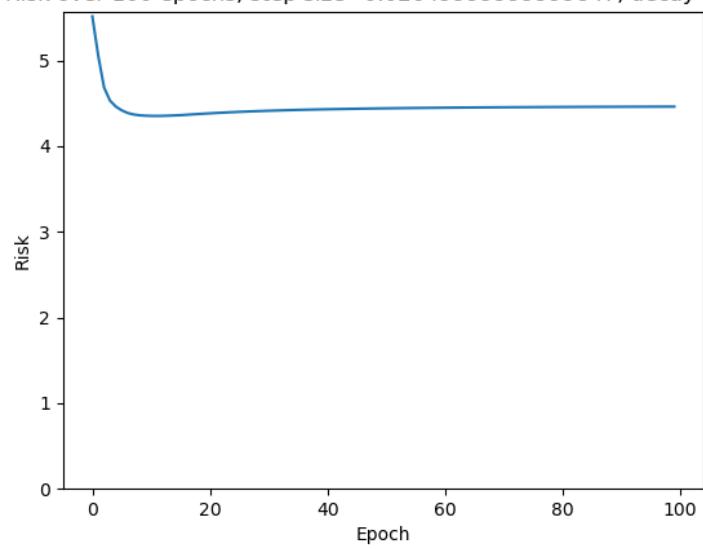
Risk over 100 epochs, step size=0.0265999999998472, decay=0.03



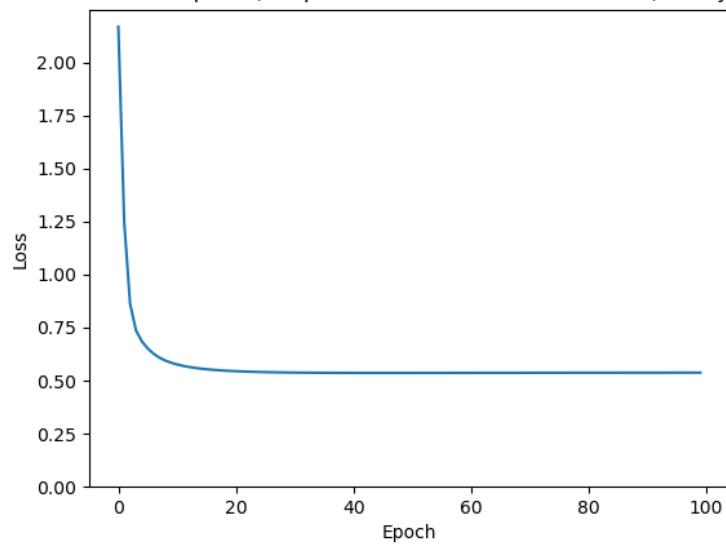
Loss over 100 epochs, step size=0.026499999999847, decay=0.03



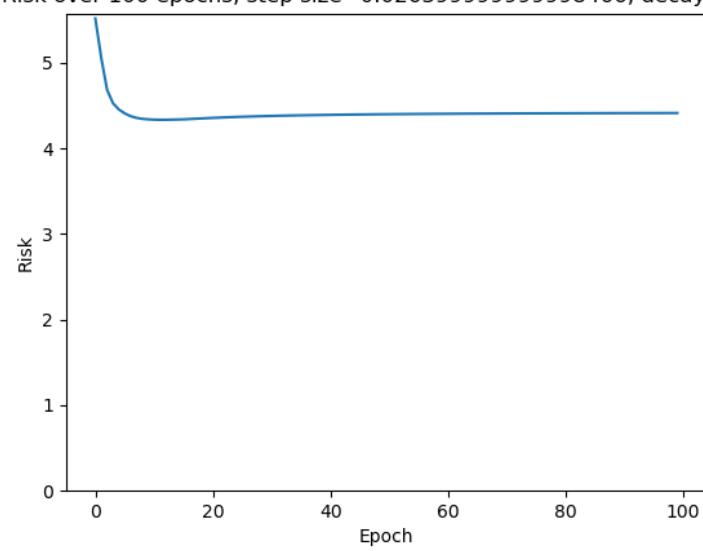
Risk over 100 epochs, step size=0.026499999999847, decay=0.03



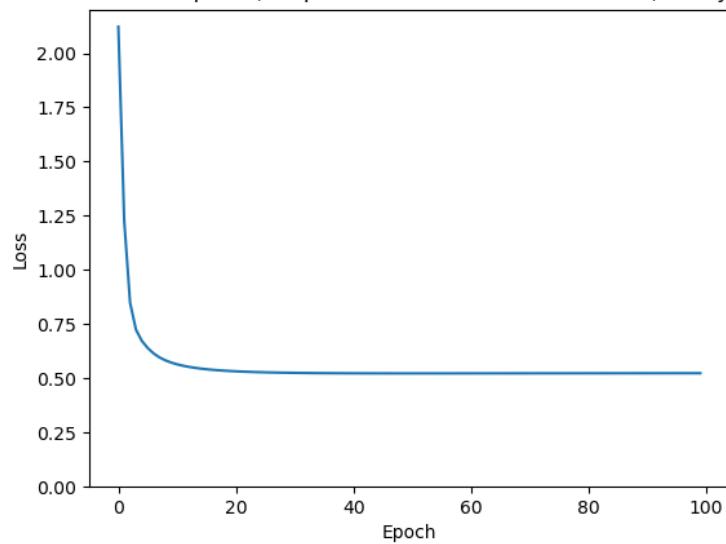
Loss over 100 epochs, step size=0.0263999999998466, decay=0.03



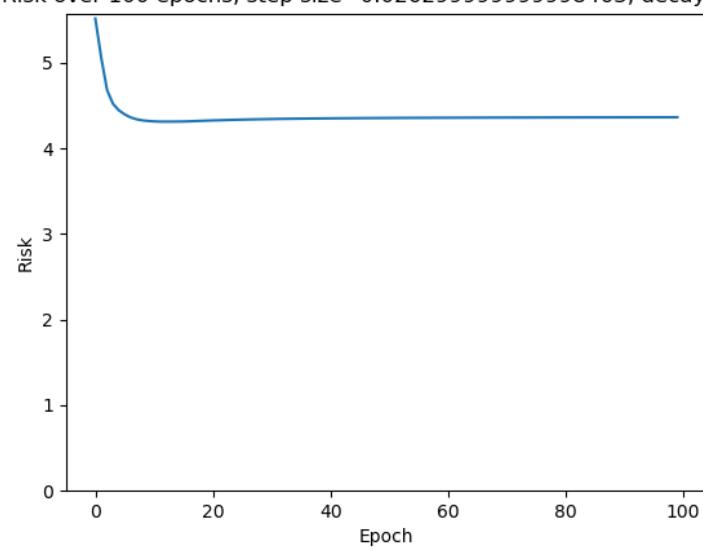
Risk over 100 epochs, step size=0.0263999999998466, decay=0.03



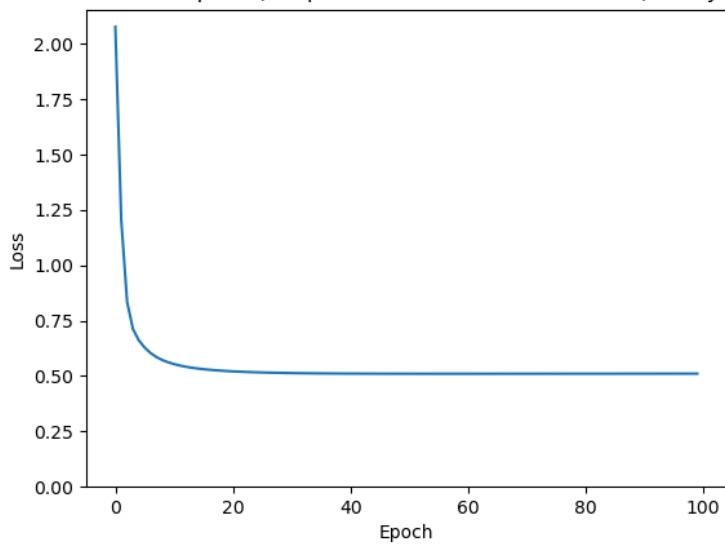
Loss over 100 epochs, step size=0.0262999999998463, decay=0.03



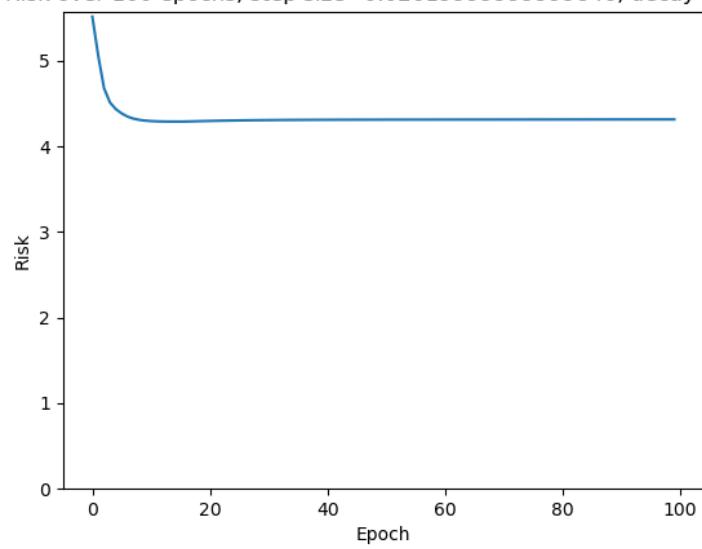
Risk over 100 epochs, step size=0.0262999999998463, decay=0.03



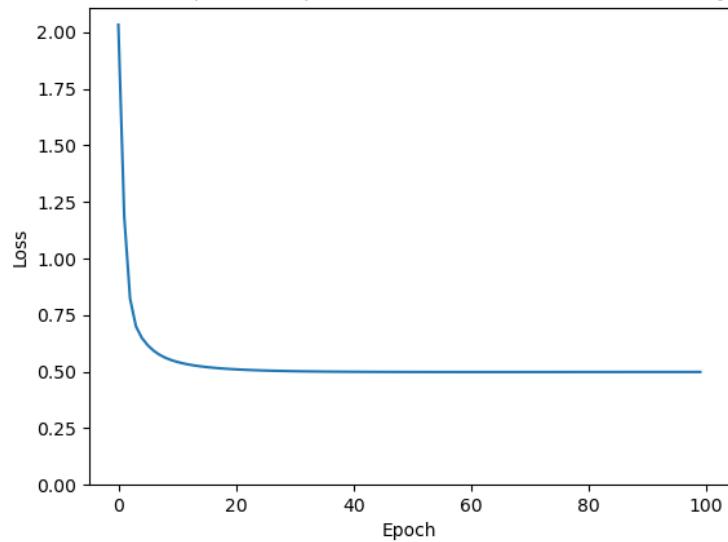
Loss over 100 epochs, step size=0.026199999999846, decay=0.03



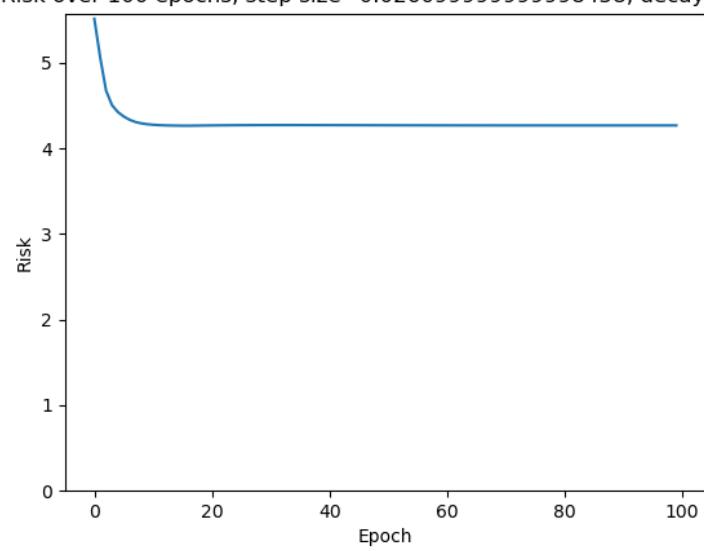
Risk over 100 epochs, step size=0.026199999999846, decay=0.03



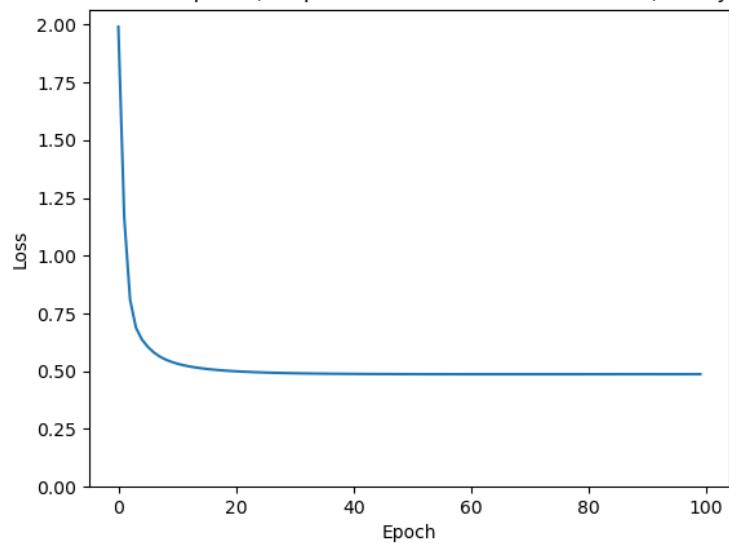
Loss over 100 epochs, step size=0.0260999999998458, decay=0.03



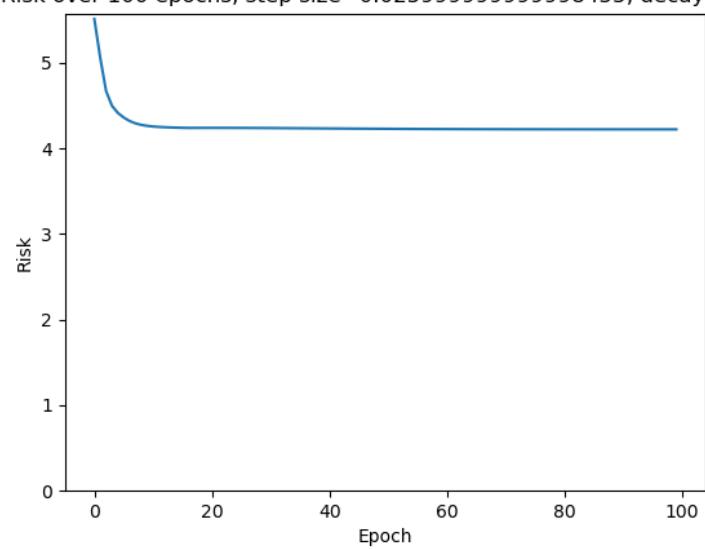
Risk over 100 epochs, step size=0.0260999999998458, decay=0.03

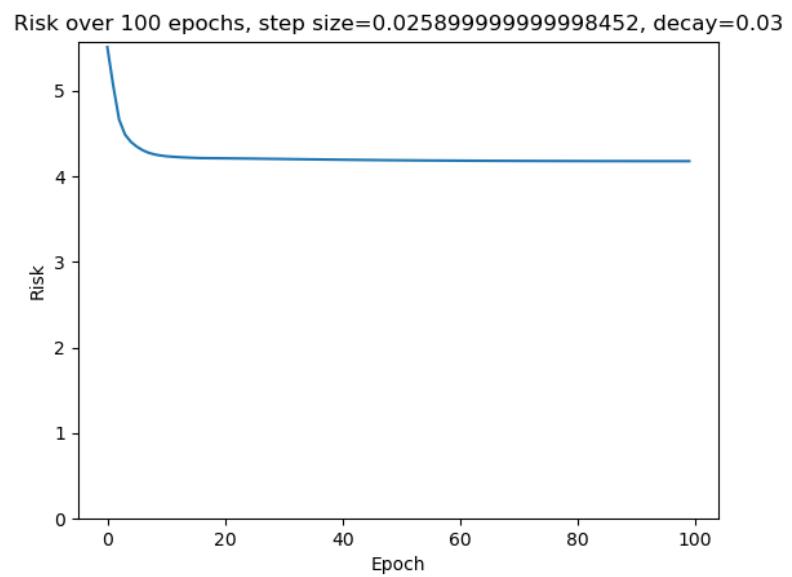
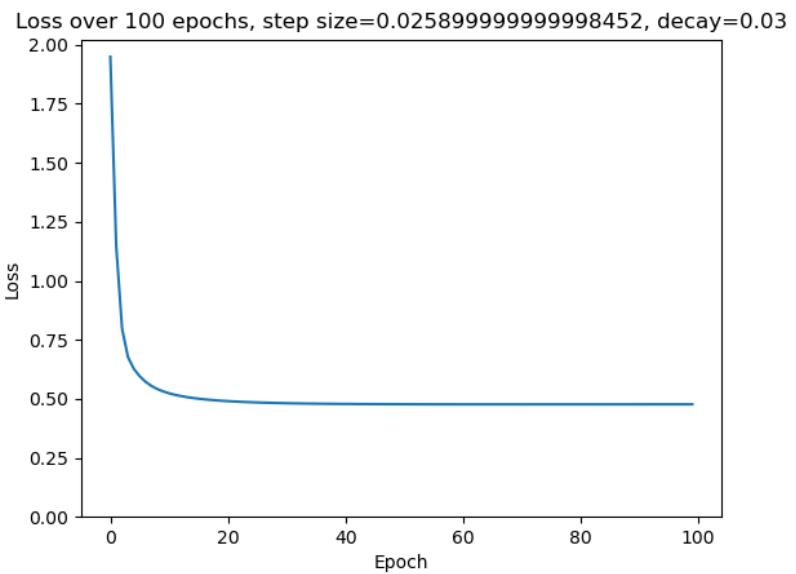


Loss over 100 epochs, step size=0.0259999999998455, decay=0.03

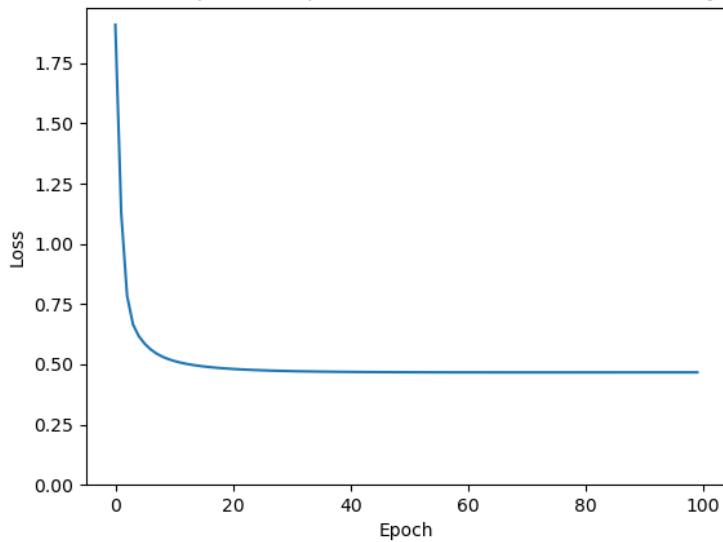


Risk over 100 epochs, step size=0.0259999999998455, decay=0.03

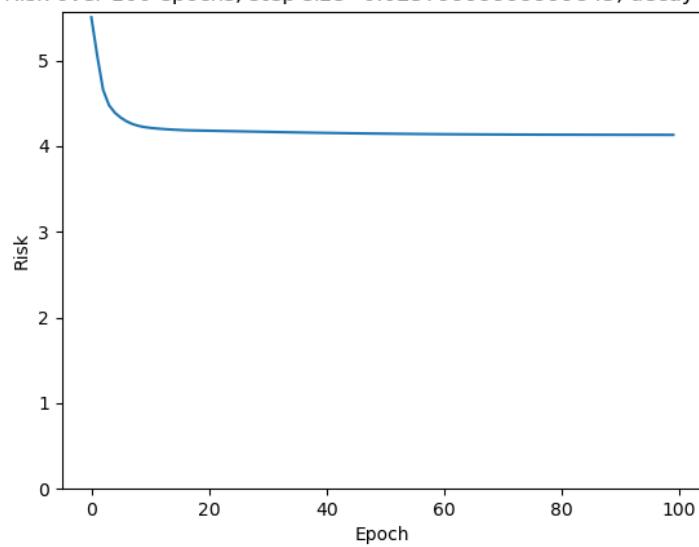




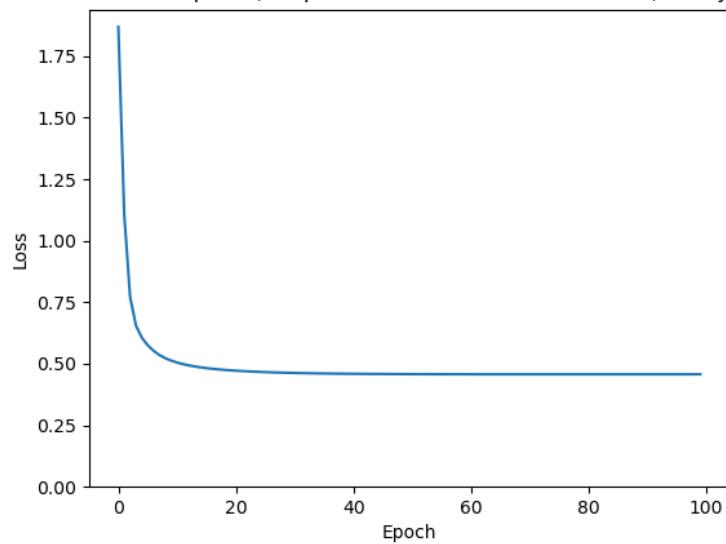
Loss over 100 epochs, step size=0.025799999999845, decay=0.03



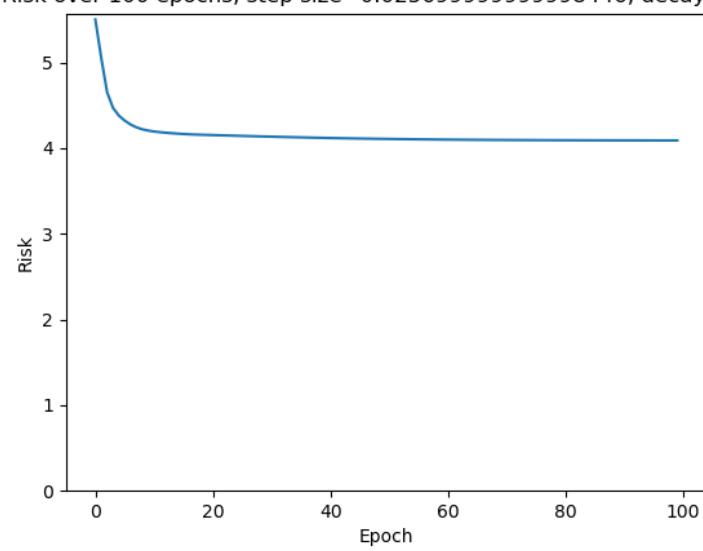
Risk over 100 epochs, step size=0.025799999999845, decay=0.03



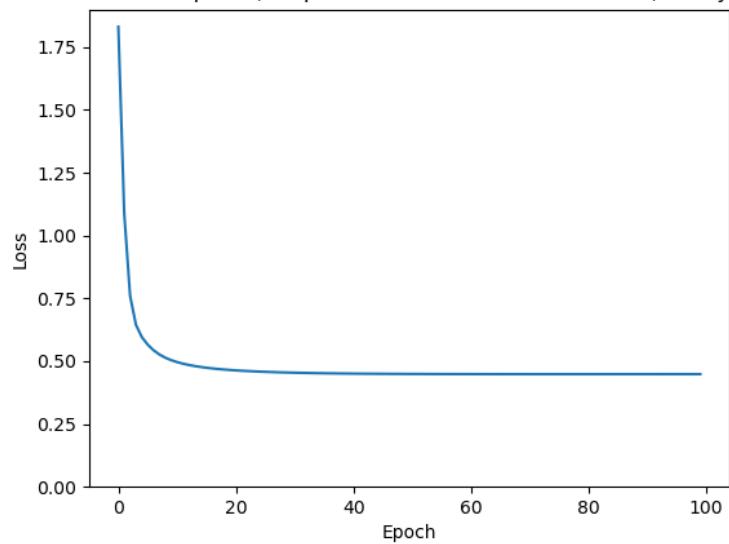
Loss over 100 epochs, step size=0.0256999999998446, decay=0.03



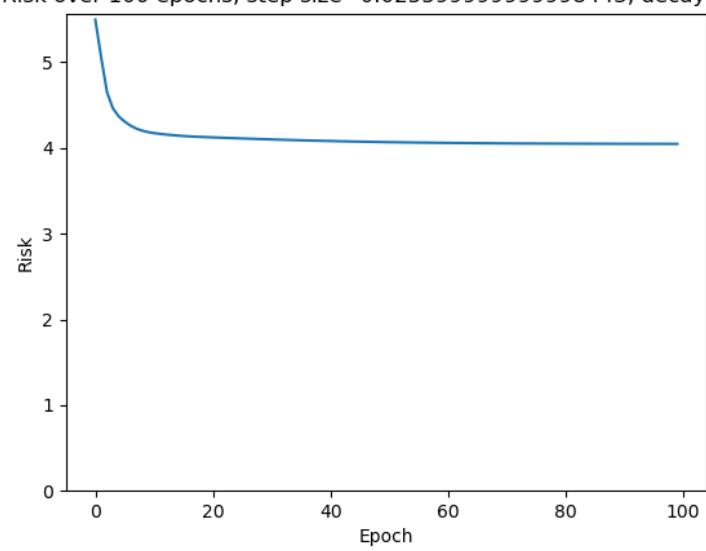
Risk over 100 epochs, step size=0.0256999999998446, decay=0.03



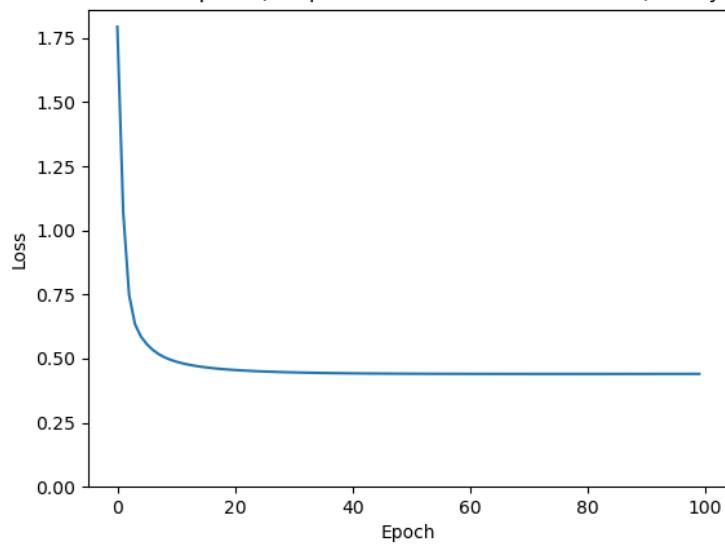
Loss over 100 epochs, step size=0.0255999999998443, decay=0.03



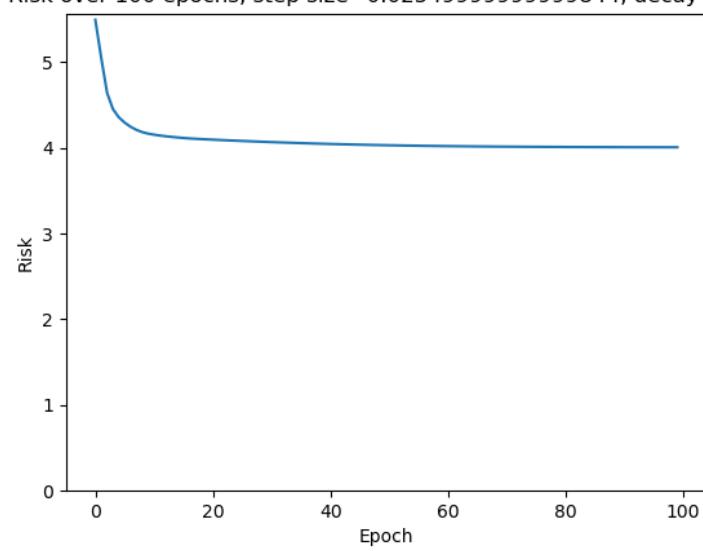
Risk over 100 epochs, step size=0.0255999999998443, decay=0.03



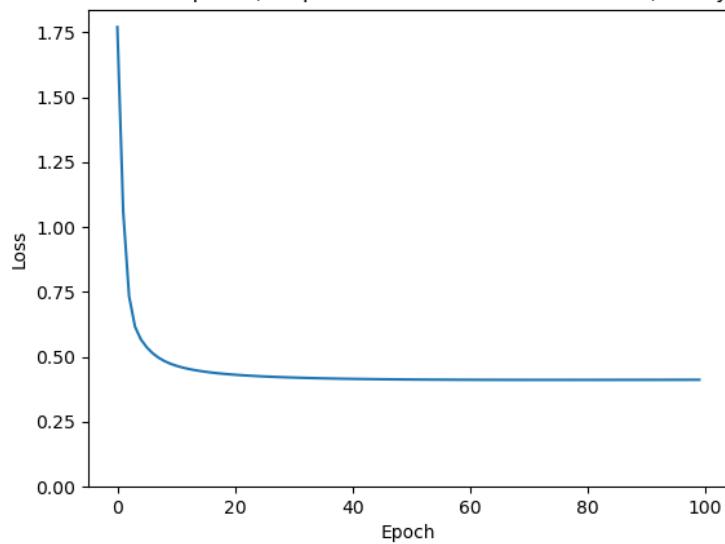
Loss over 100 epochs, step size=0.025499999999844, decay=0.03



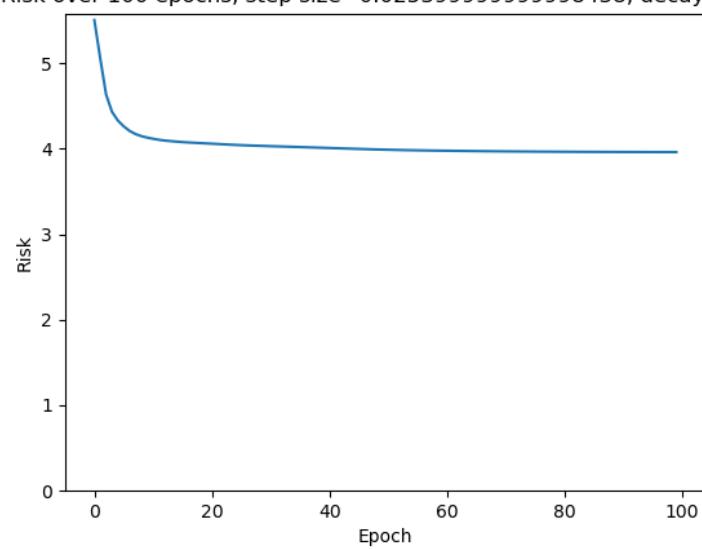
Risk over 100 epochs, step size=0.025499999999844, decay=0.03



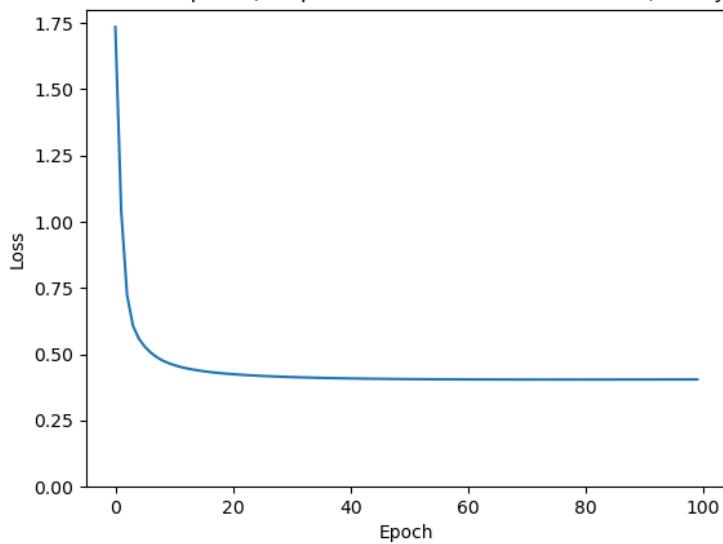
Loss over 100 epochs, step size=0.0253999999998438, decay=0.01



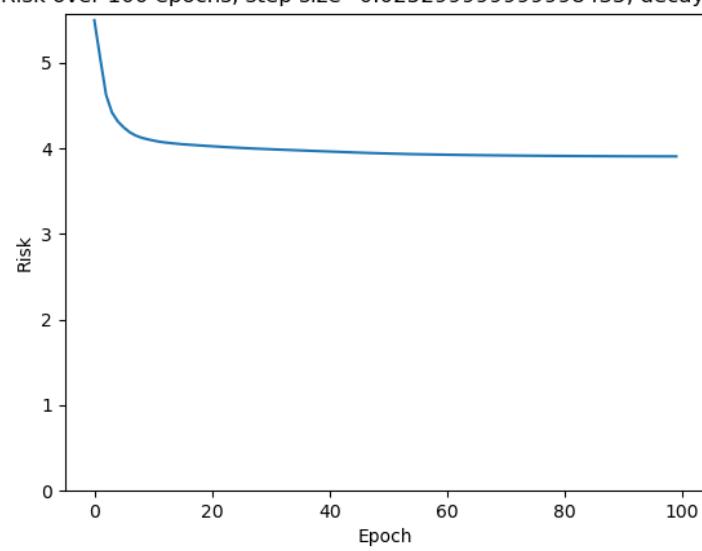
Risk over 100 epochs, step size=0.0253999999998438, decay=0.01



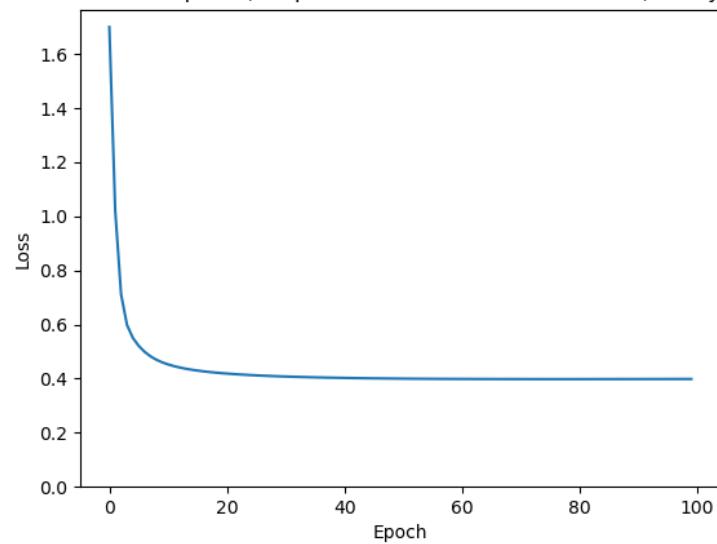
Loss over 100 epochs, step size=0.0252999999998435, decay=0.01



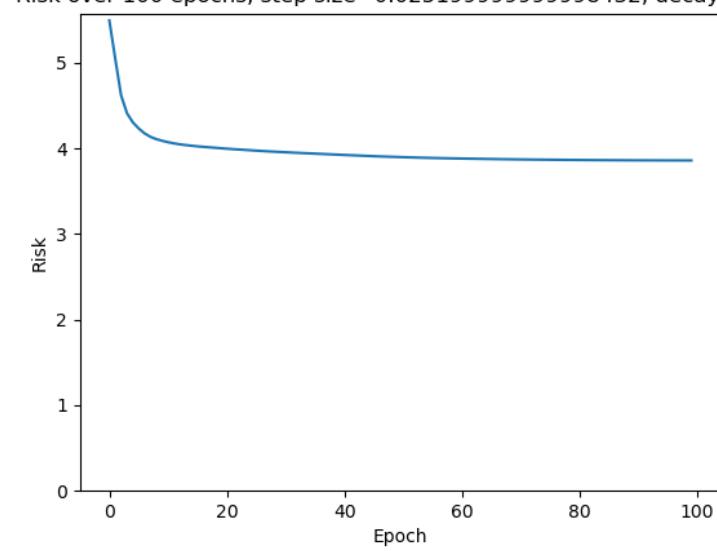
Risk over 100 epochs, step size=0.0252999999998435, decay=0.01



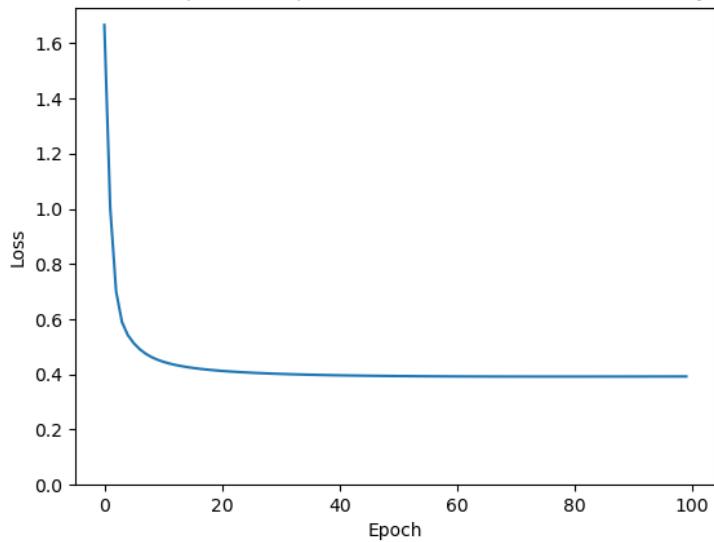
Loss over 100 epochs, step size=0.0251999999998432, decay=0.01



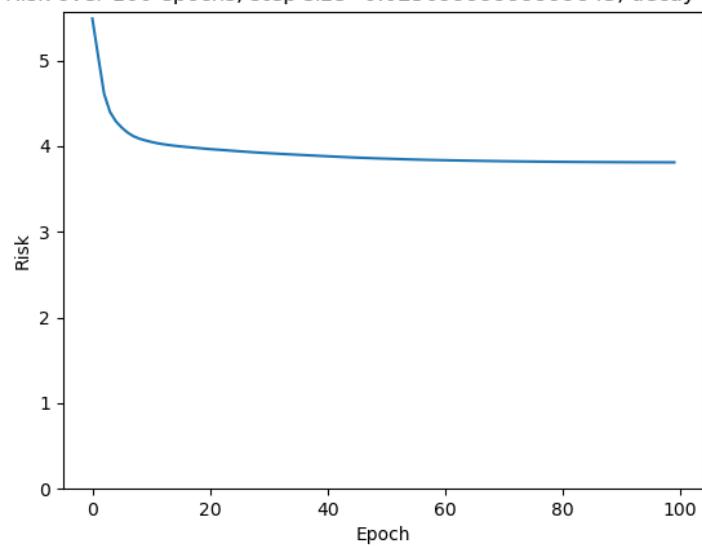
Risk over 100 epochs, step size=0.0251999999998432, decay=0.01



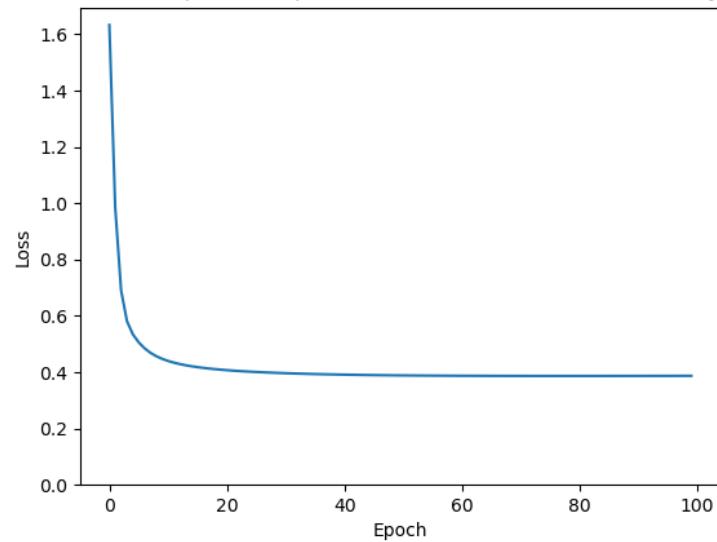
Loss over 100 epochs, step size=0.025099999999843, decay=0.01



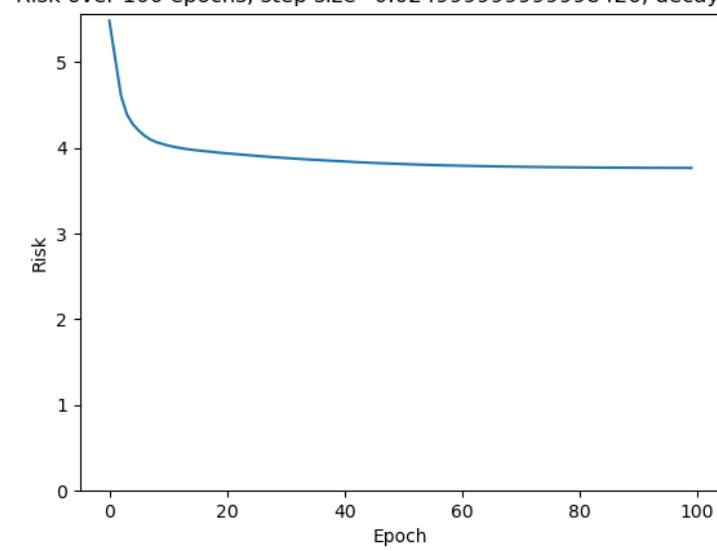
Risk over 100 epochs, step size=0.025099999999843, decay=0.01



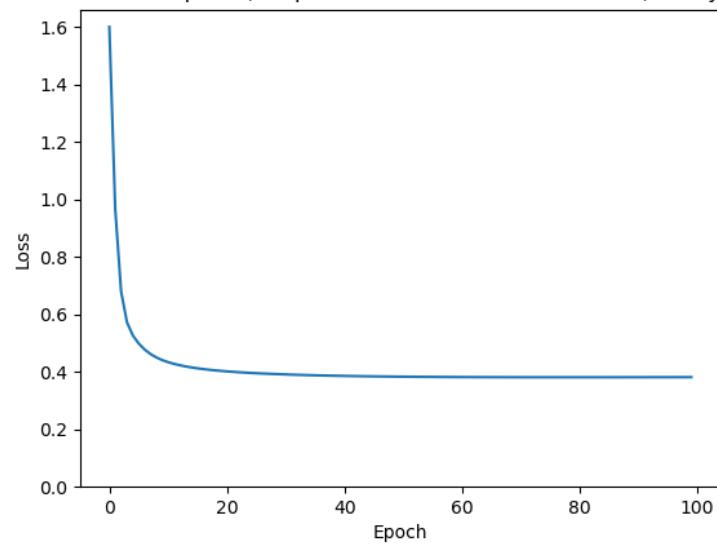
Loss over 100 epochs, step size=0.0249999999998426, decay=0.01



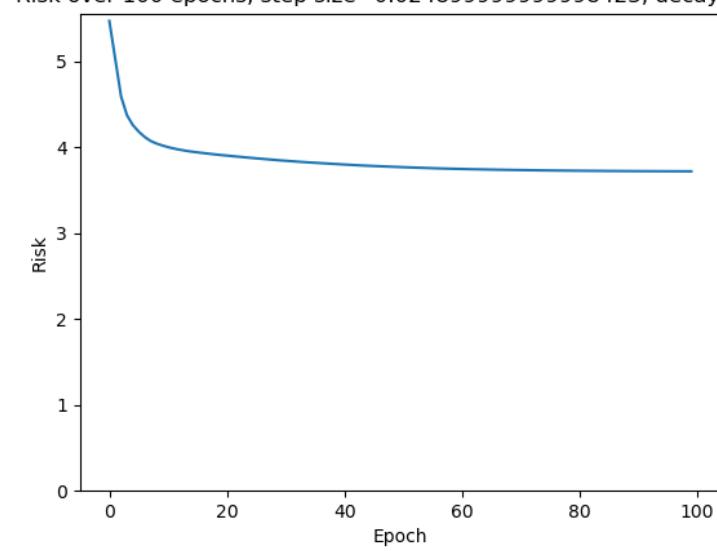
Risk over 100 epochs, step size=0.0249999999998426, decay=0.01



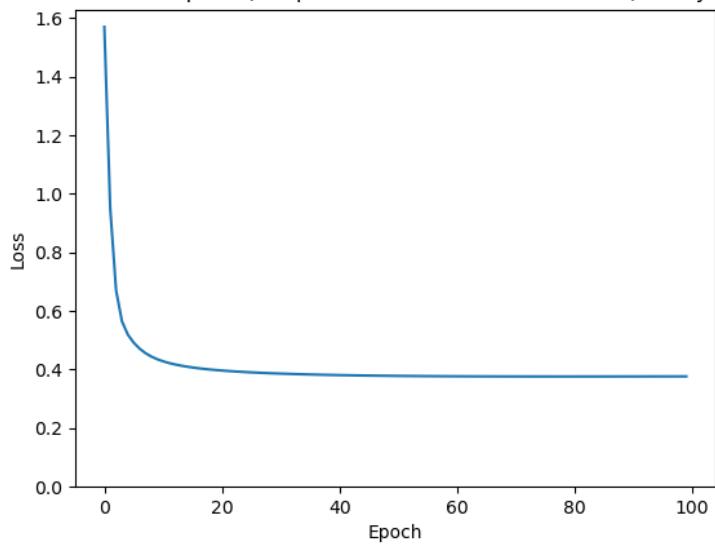
Loss over 100 epochs, step size=0.0248999999998423, decay=0.01



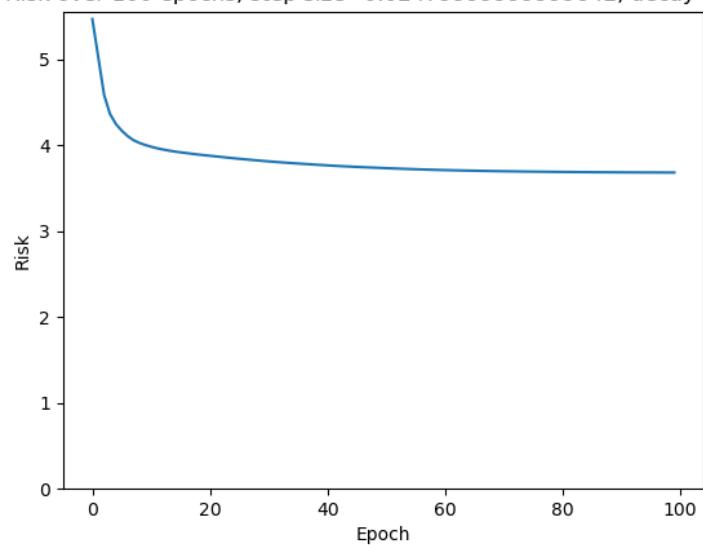
Risk over 100 epochs, step size=0.0248999999998423, decay=0.01



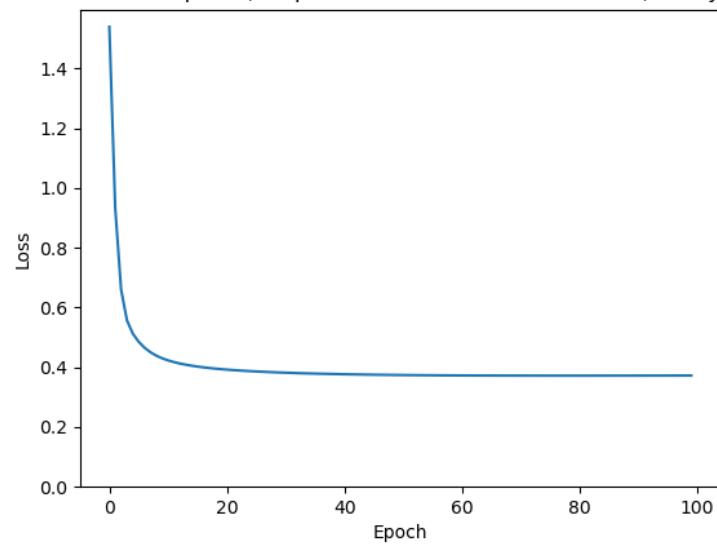
Loss over 100 epochs, step size=0.024799999999842, decay=0.01



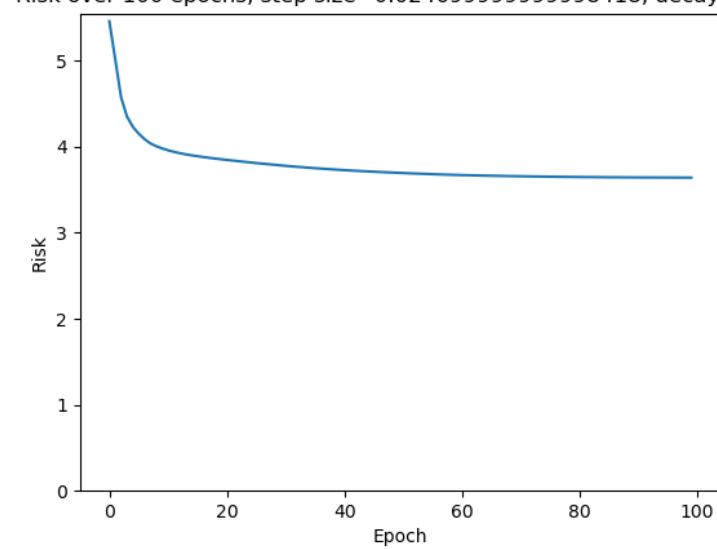
Risk over 100 epochs, step size=0.024799999999842, decay=0.01



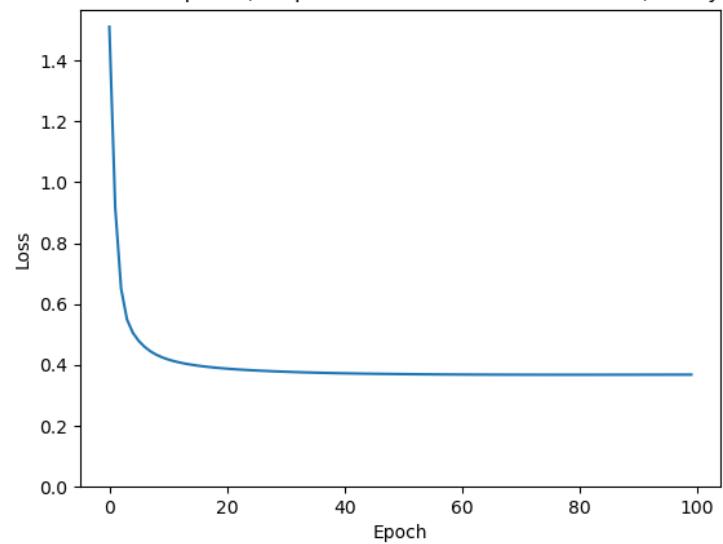
Loss over 100 epochs, step size=0.0246999999998418, decay=0.01



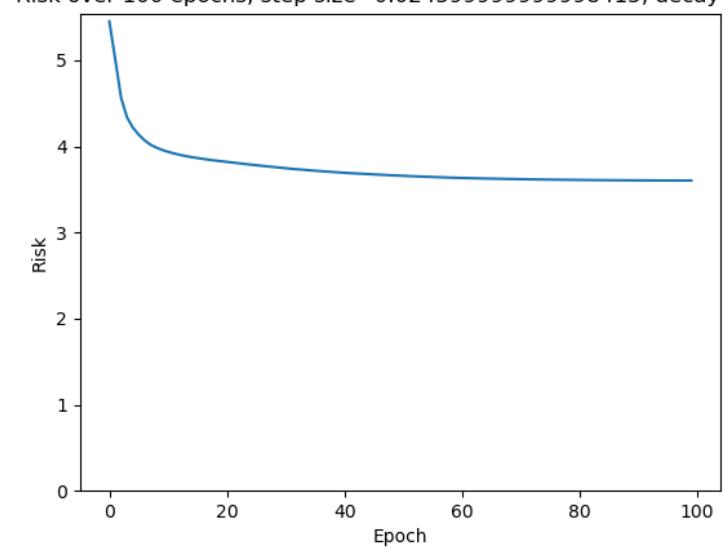
Risk over 100 epochs, step size=0.0246999999998418, decay=0.01



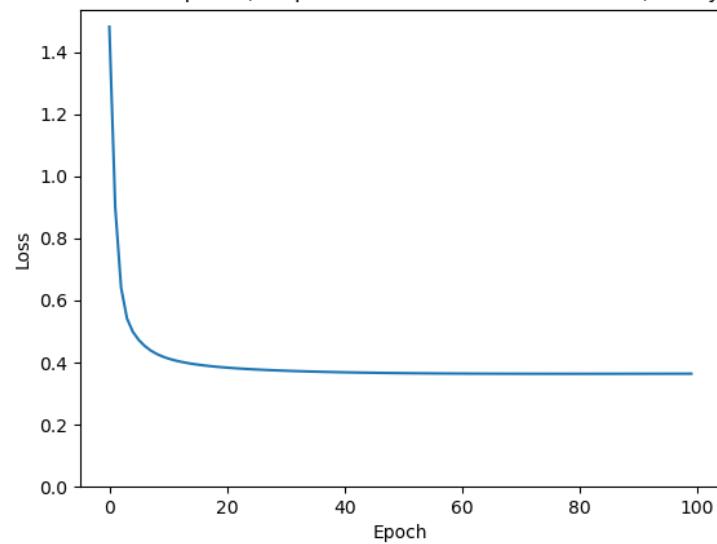
Loss over 100 epochs, step size=0.0245999999998415, decay=0.01



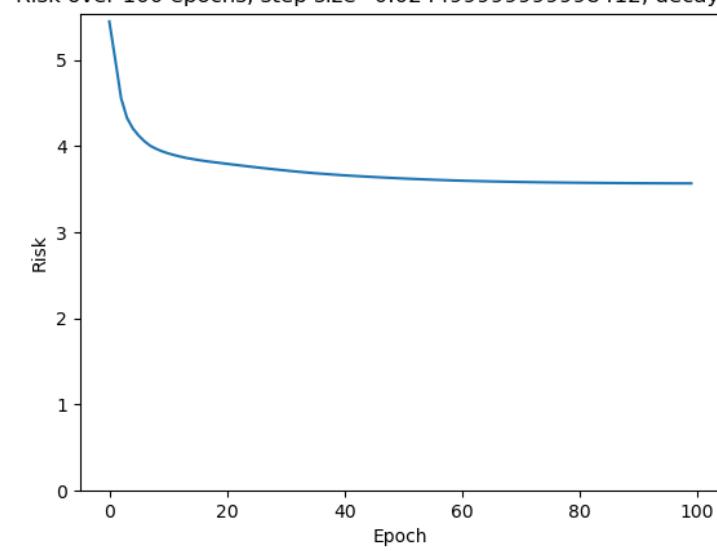
Risk over 100 epochs, step size=0.0245999999998415, decay=0.01



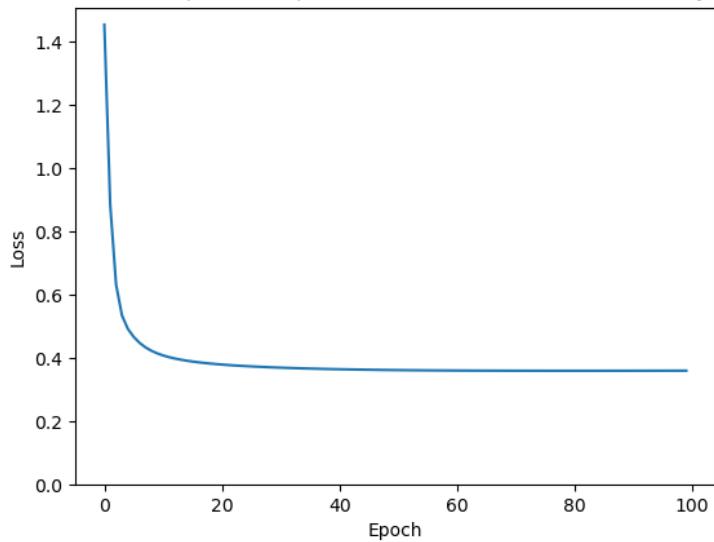
Loss over 100 epochs, step size=0.0244999999998412, decay=0.01



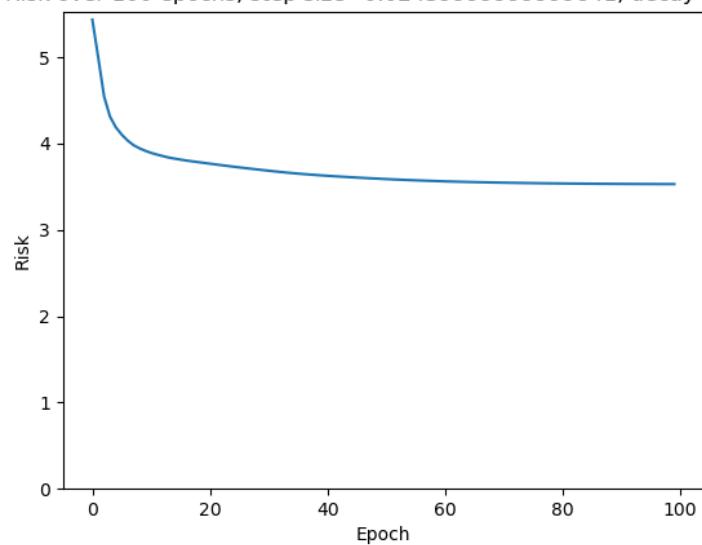
Risk over 100 epochs, step size=0.0244999999998412, decay=0.01



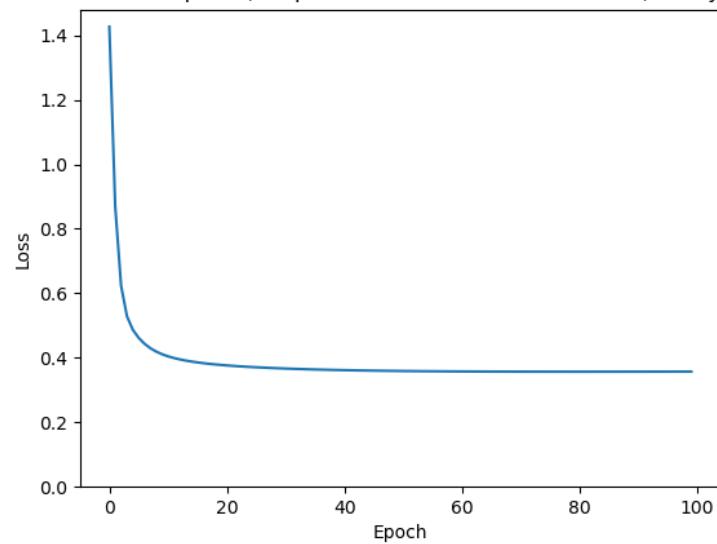
Loss over 100 epochs, step size=0.024399999999841, decay=0.01



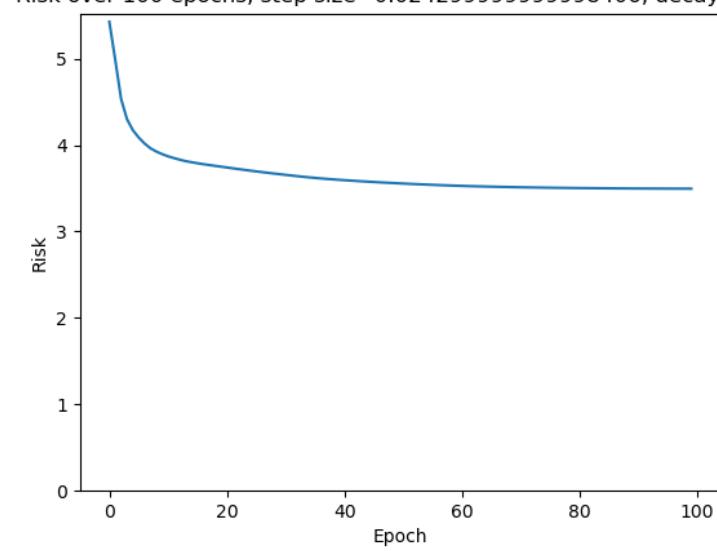
Risk over 100 epochs, step size=0.024399999999841, decay=0.01



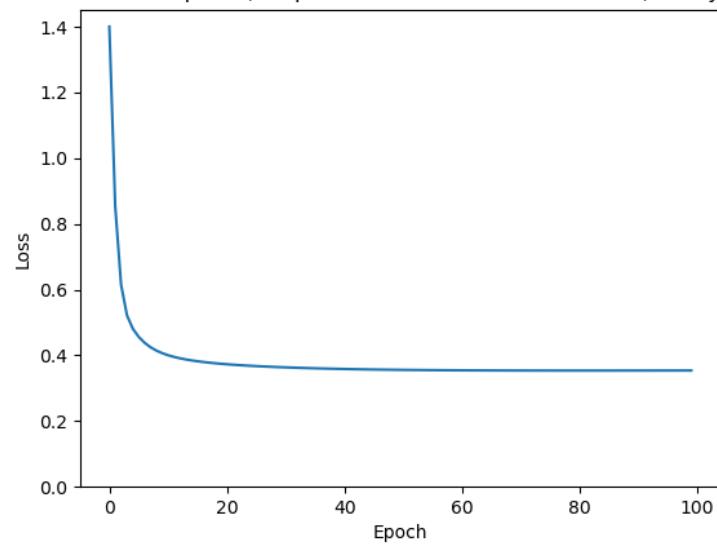
Loss over 100 epochs, step size=0.0242999999998406, decay=0.01



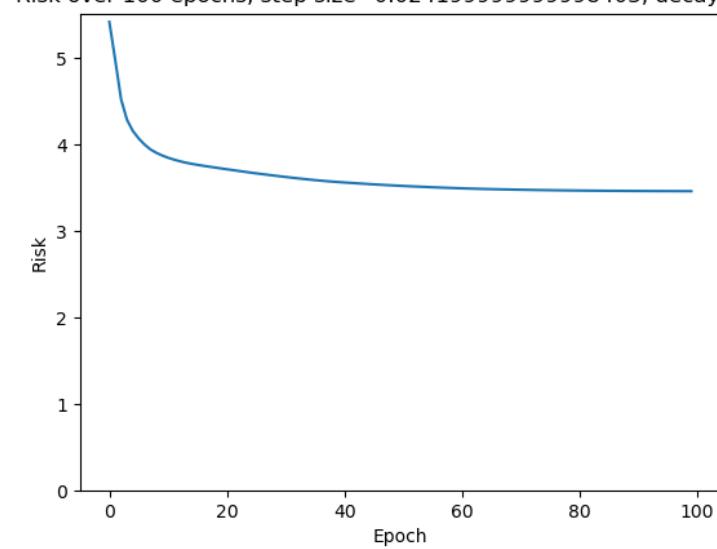
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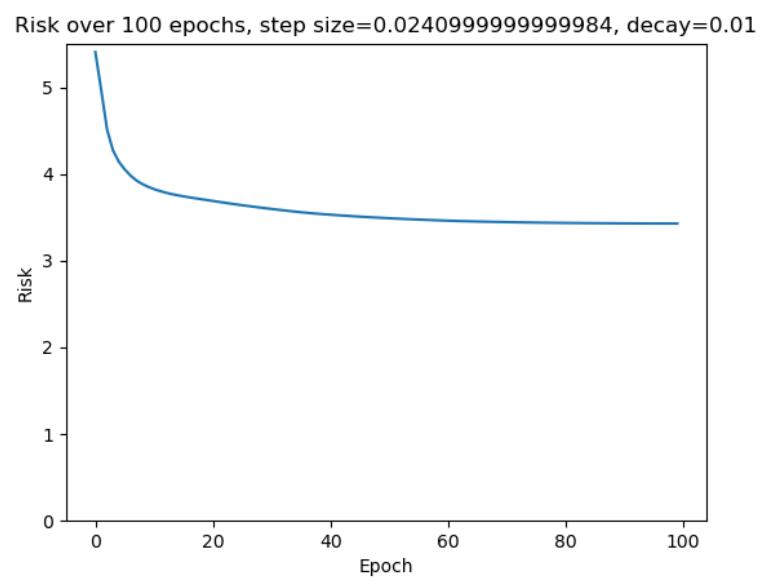
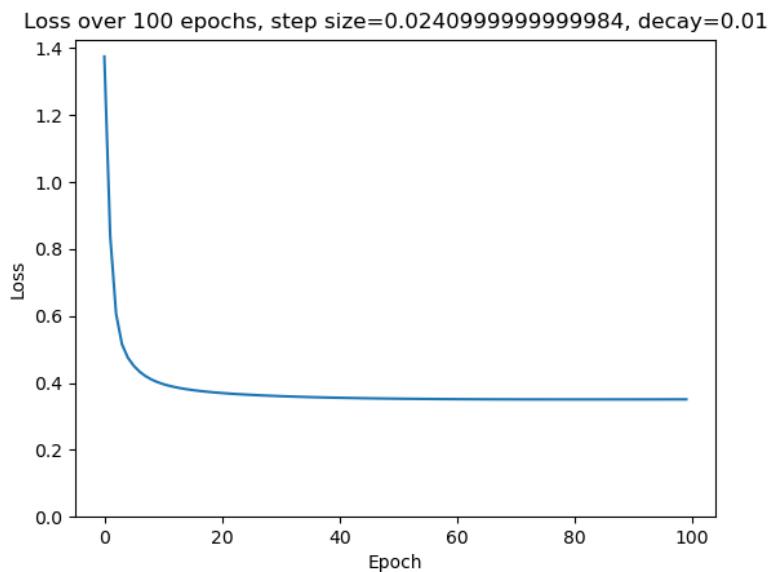


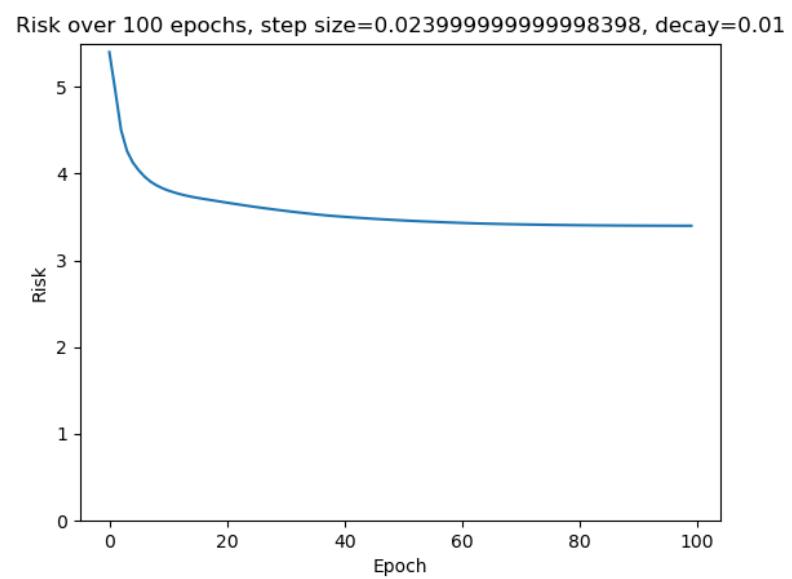
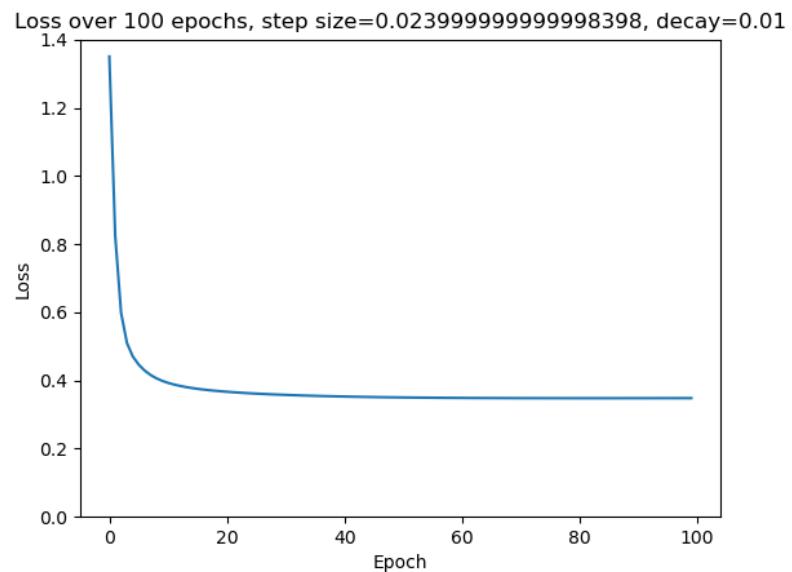
Loss over 100 epochs, step size=0.0241999999998403, decay=0.01



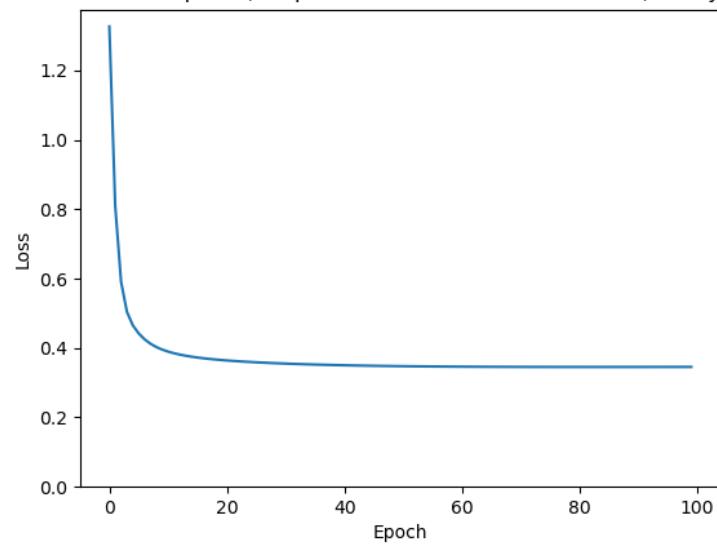
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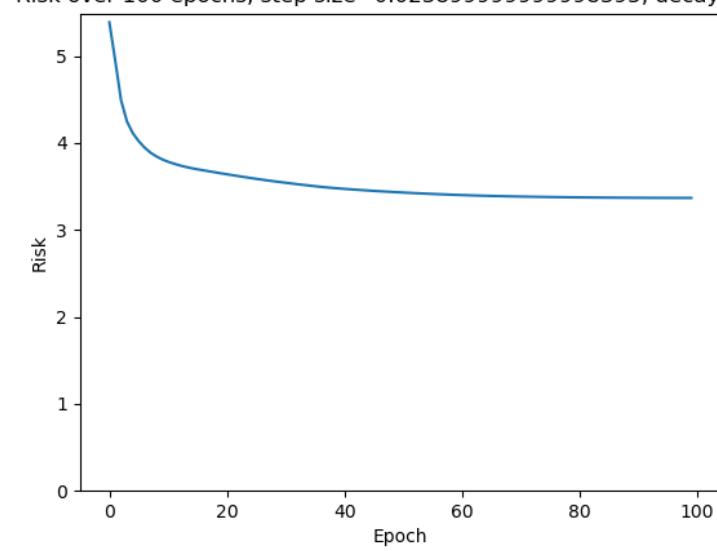




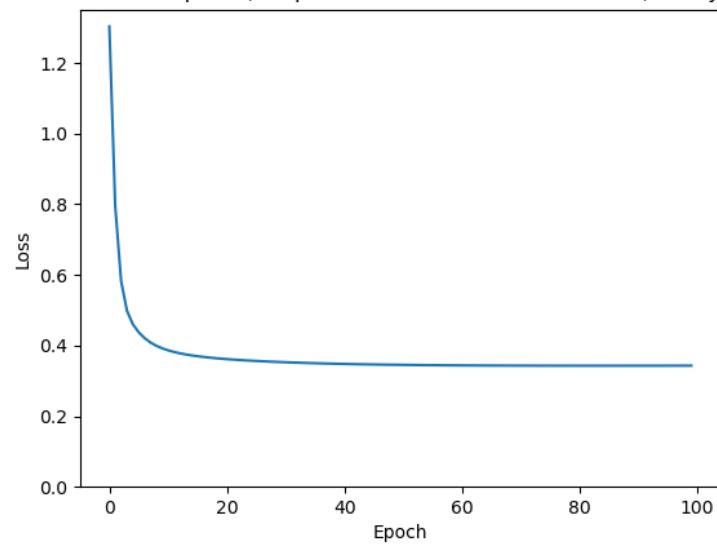
Loss over 100 epochs, step size=0.0238999999998395, decay=0.01



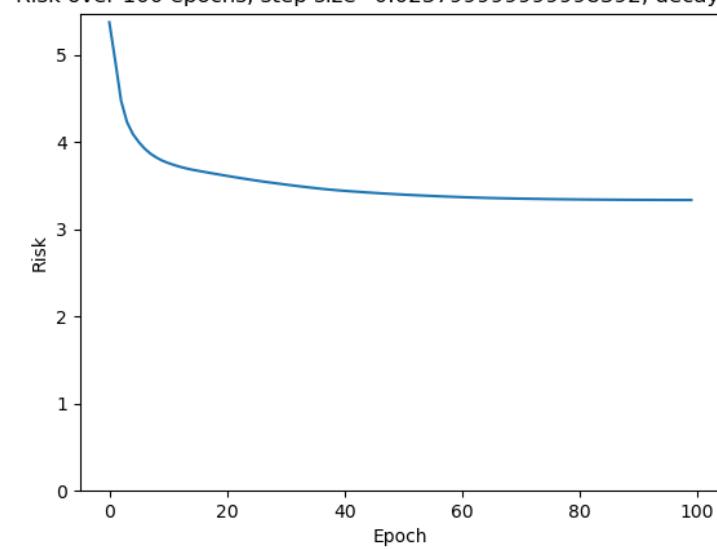
Risk over 100 epochs, step size=0.0238999999998395, decay=0.01



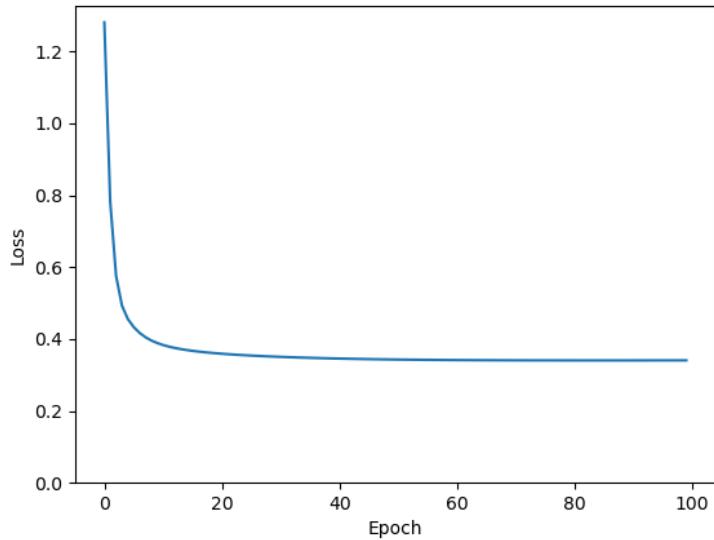
Loss over 100 epochs, step size=0.0237999999998392, decay=0.01



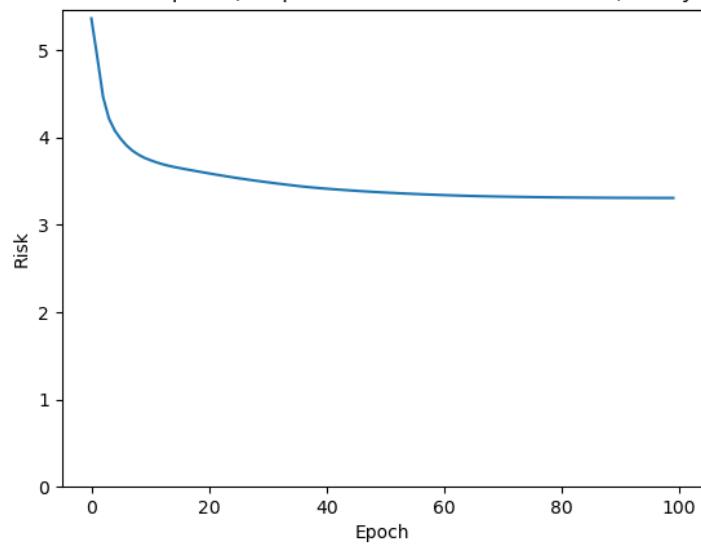
Risk over 100 epochs, step size=0.0237999999998392, decay=0.01



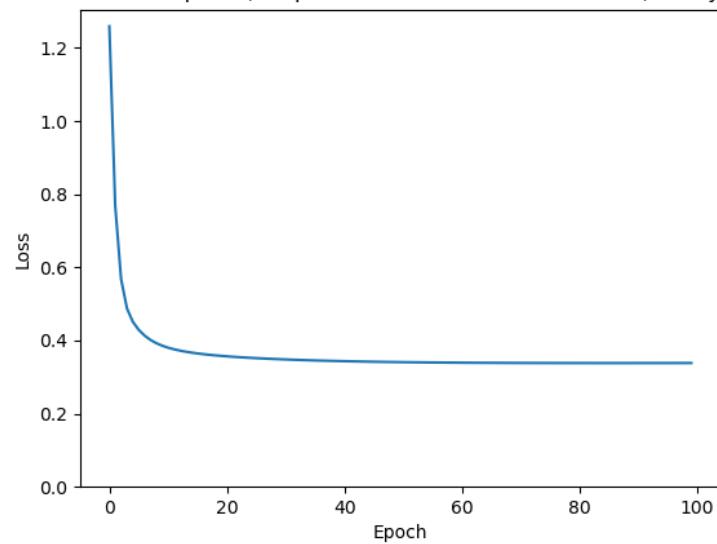
Loss over 100 epochs, step size=0.0236999999999839, decay=0.01



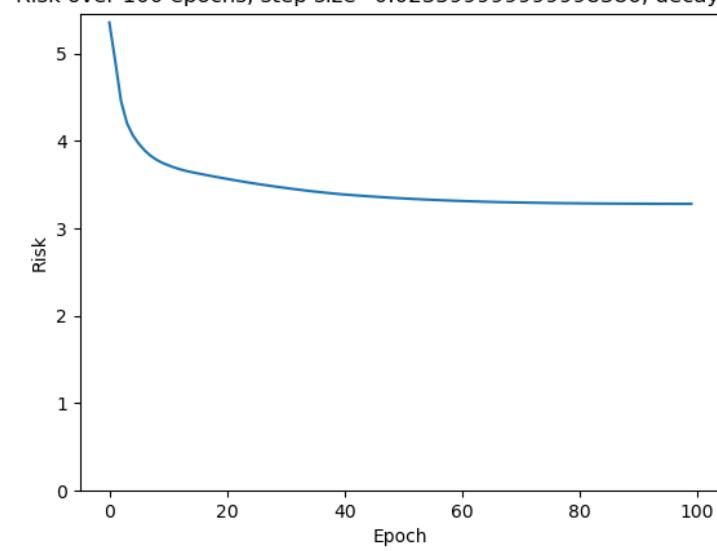
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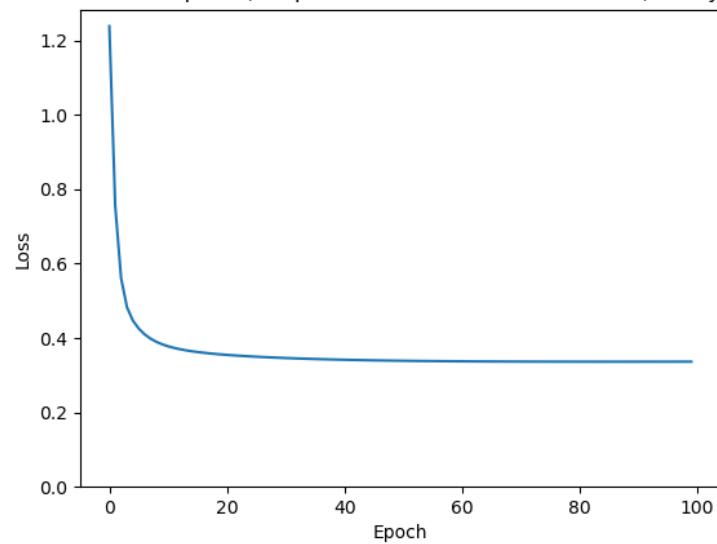
Loss over 100 epochs, step size=0.0235999999998386, decay=0.01



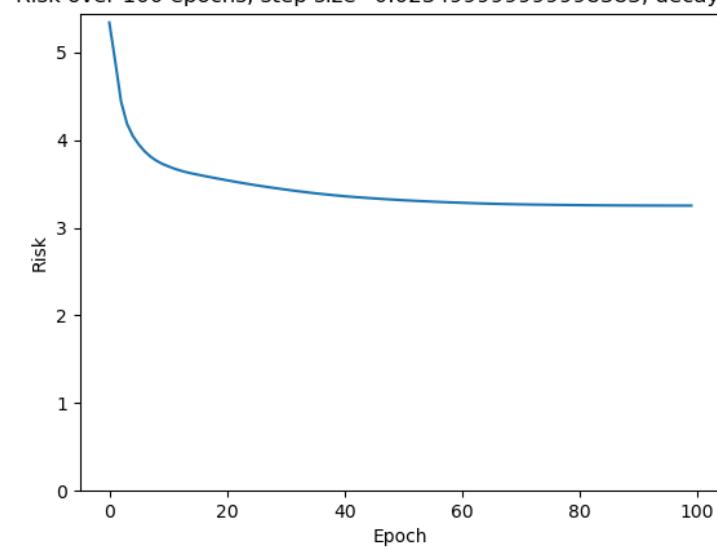
Risk over 100 epochs, step size=0.0235999999998386, decay=0.01



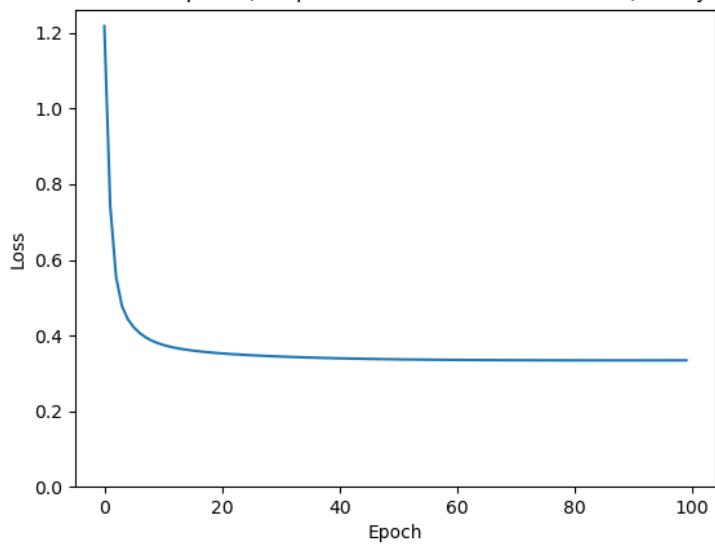
Loss over 100 epochs, step size=0.0234999999998383, decay=0.01



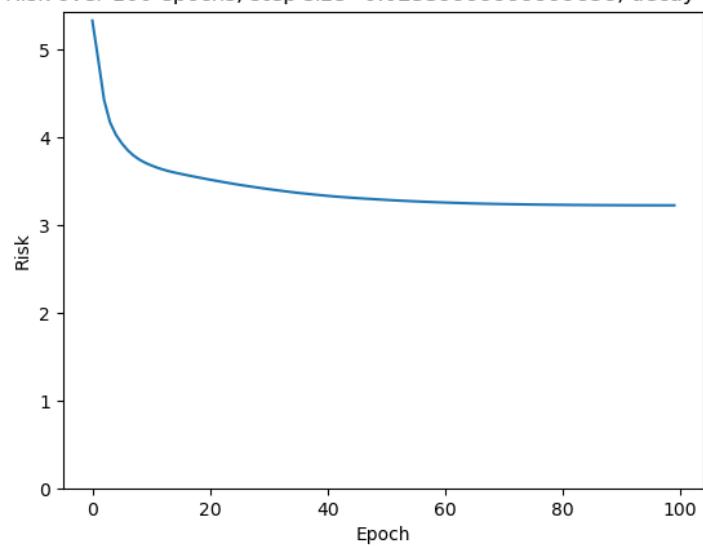
Risk over 100 epochs, step size=0.0234999999998383, decay=0.01



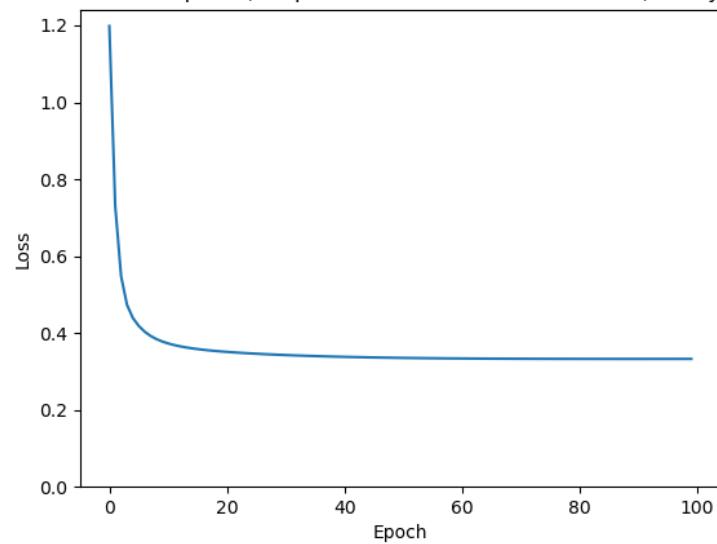
Loss over 100 epochs, step size=0.0233999999999838, decay=0.01



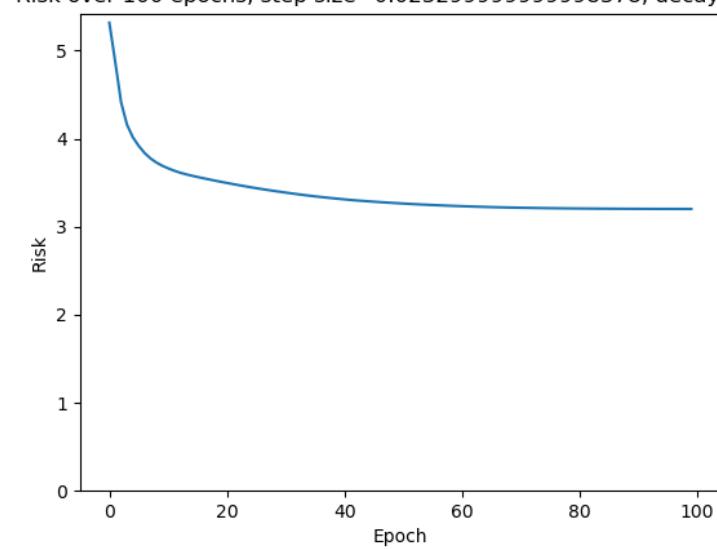
Risk over 100 epochs, step size=0.0233999999999838, decay=0.01



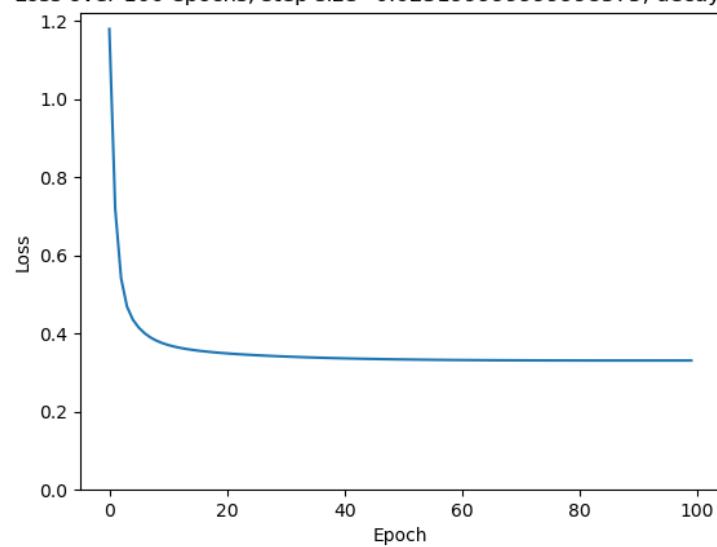
Loss over 100 epochs, step size=0.0232999999998378, decay=0.01



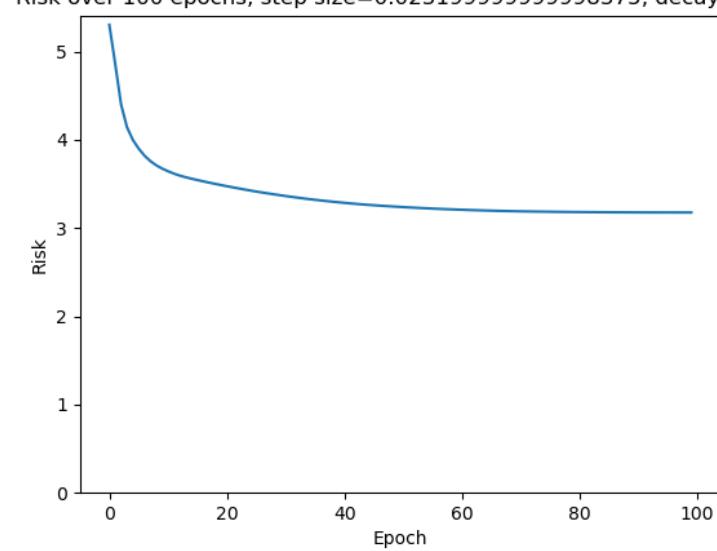
Risk over 100 epochs, step size=0.0232999999998378, decay=0.01

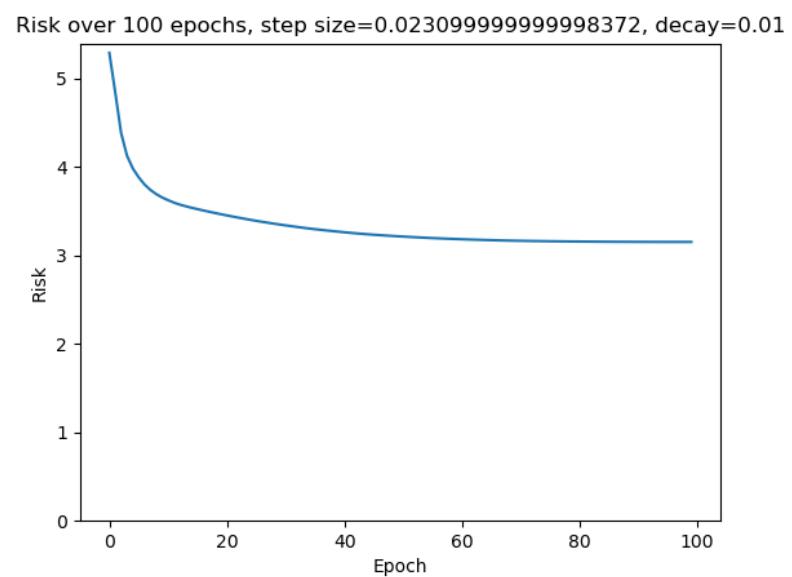
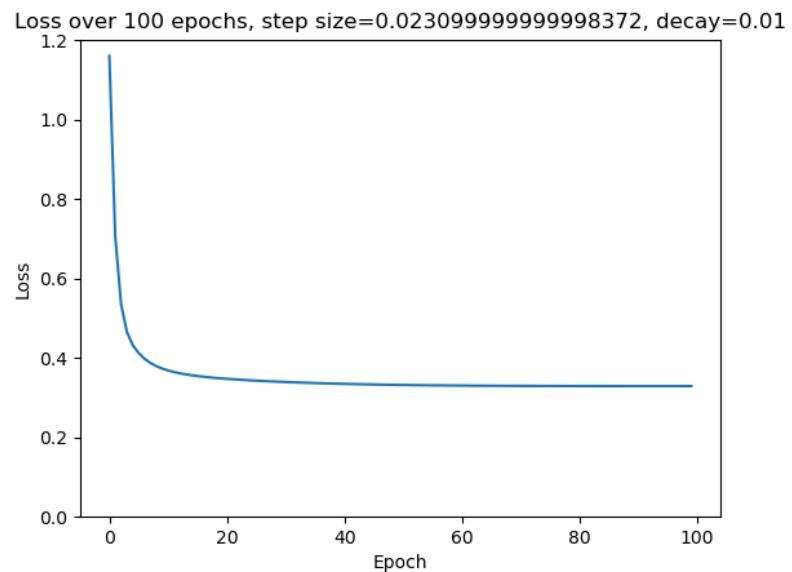


Loss over 100 epochs, step size=0.0231999999998375, decay=0.01

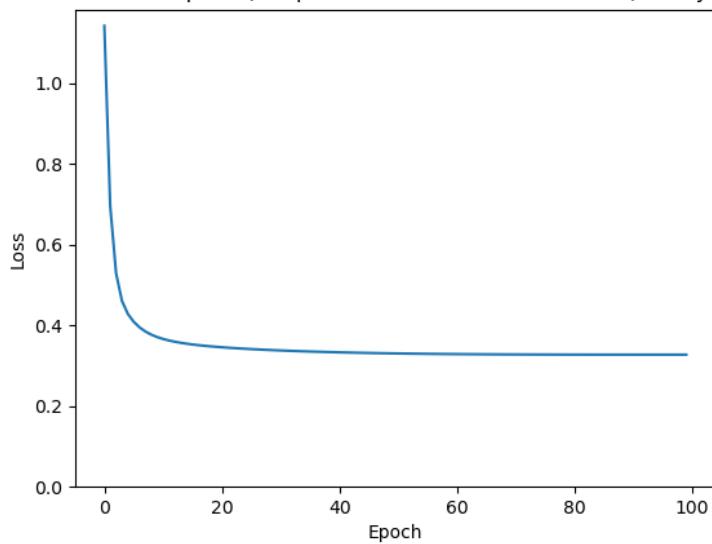


Risk over 100 epochs, step size=0.0231999999998375, decay=0.01

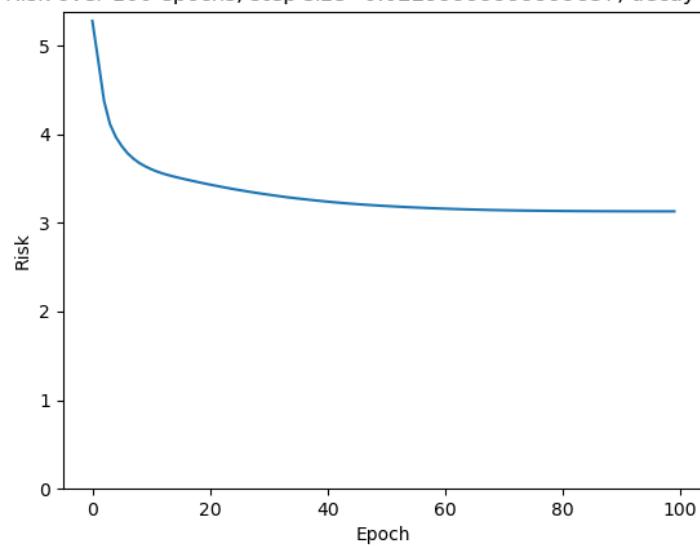




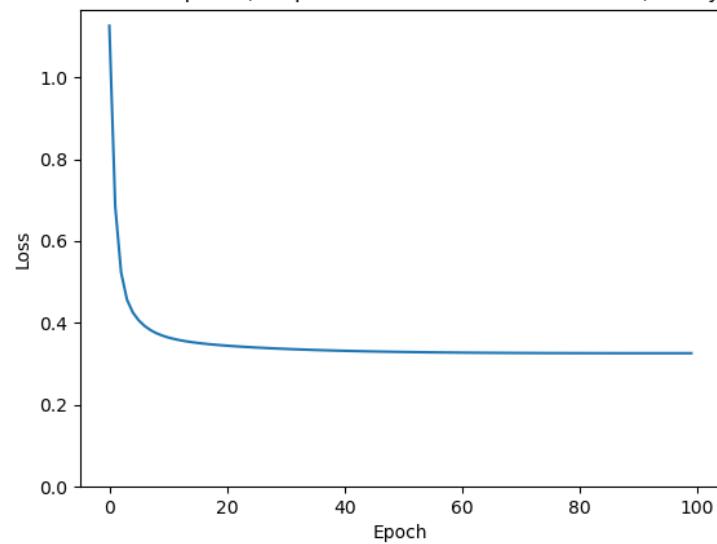
Loss over 100 epochs, step size=0.022999999999837, decay=0.01



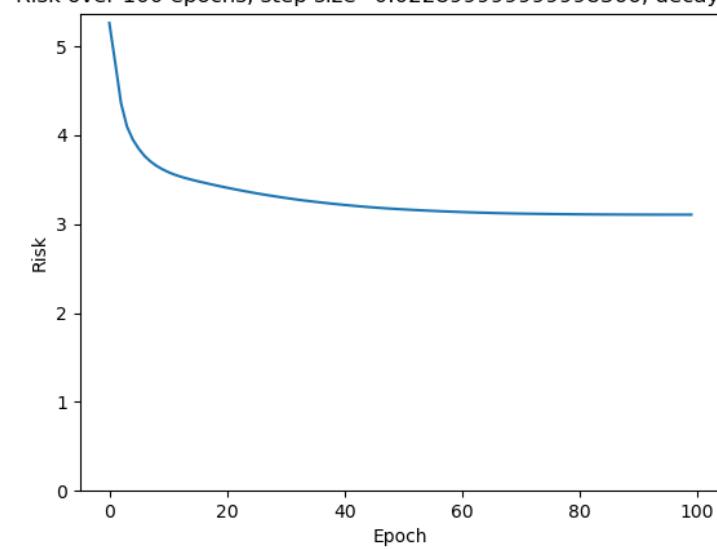
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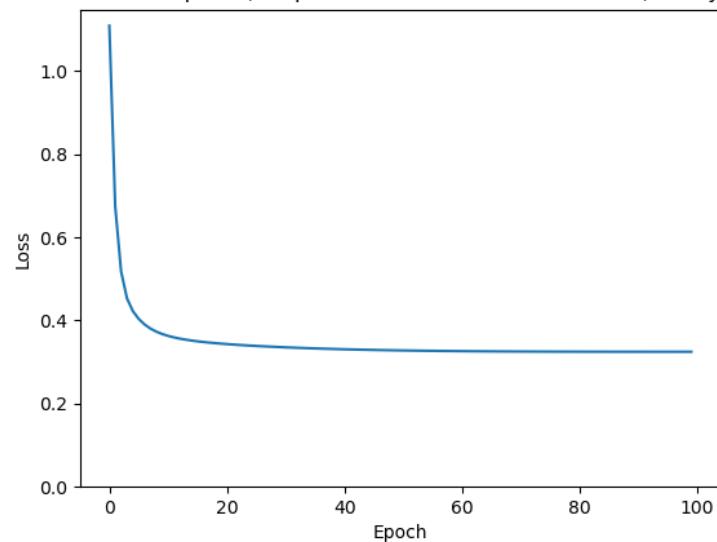
Loss over 100 epochs, step size=0.0228999999998366, decay=0.01



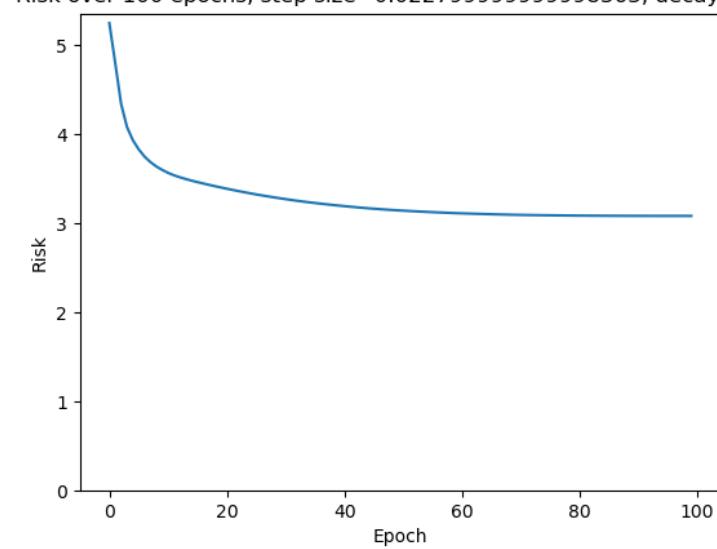
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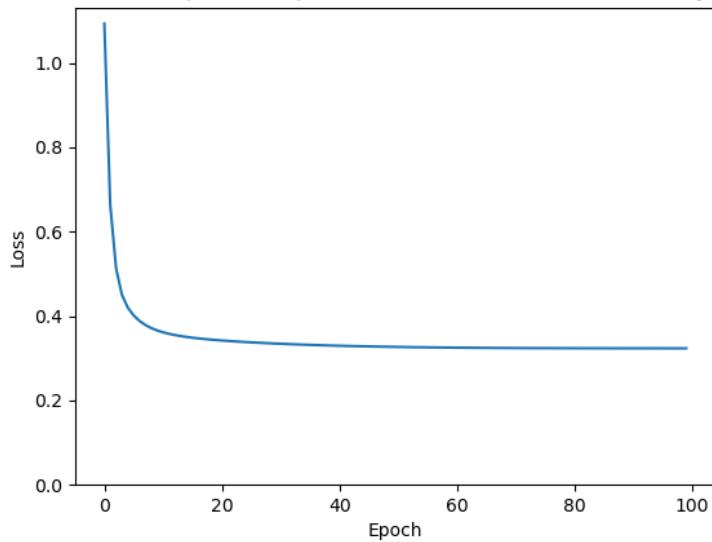
Loss over 100 epochs, step size=0.0227999999998363, decay=0.01



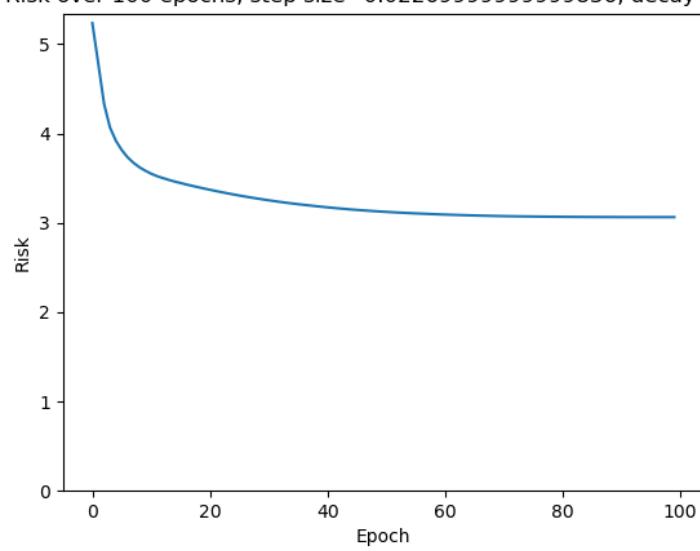
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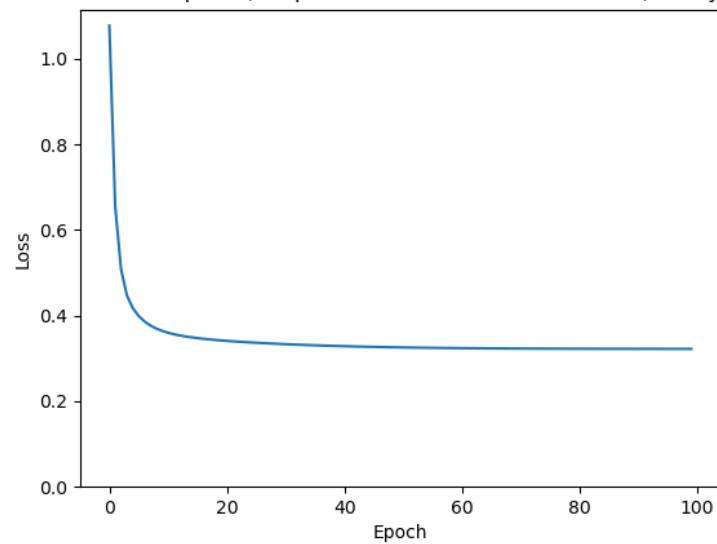
Loss over 100 epochs, step size=0.0226999999999836, decay=0.01



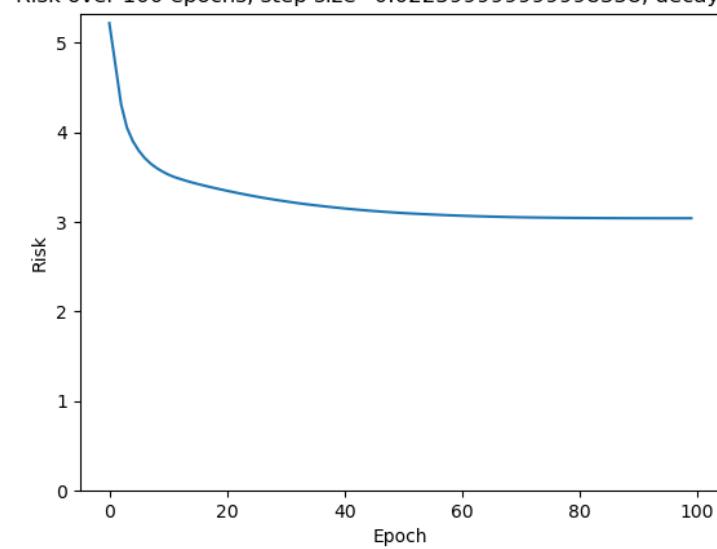
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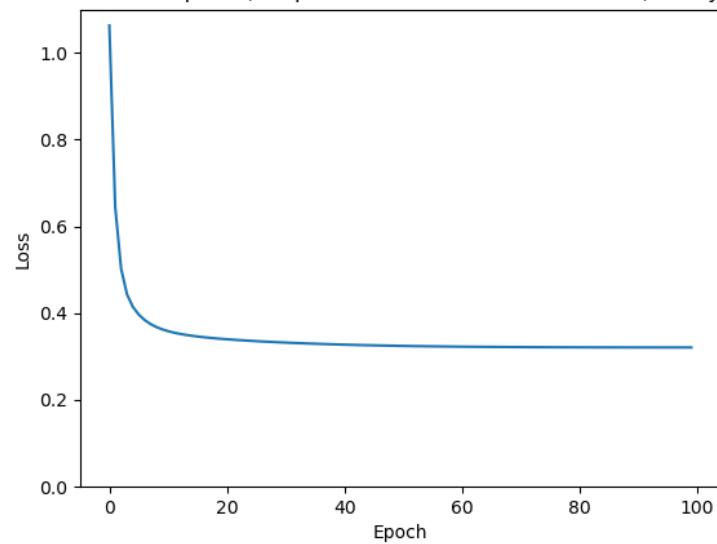
Loss over 100 epochs, step size=0.0225999999998358, decay=0.01



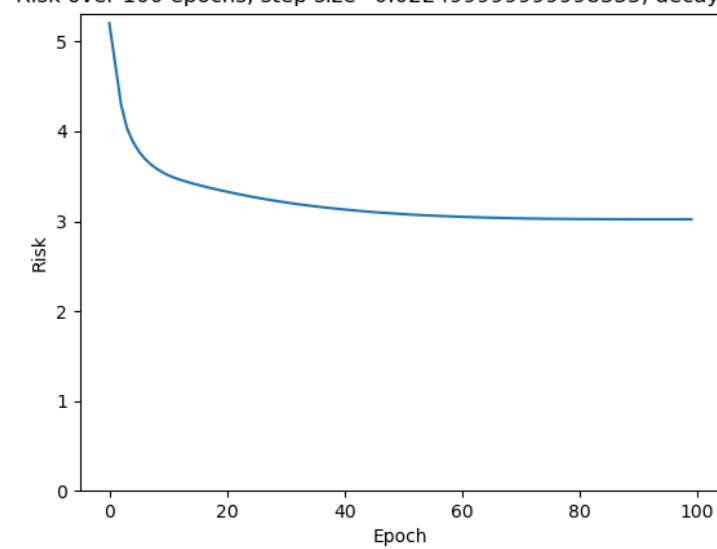
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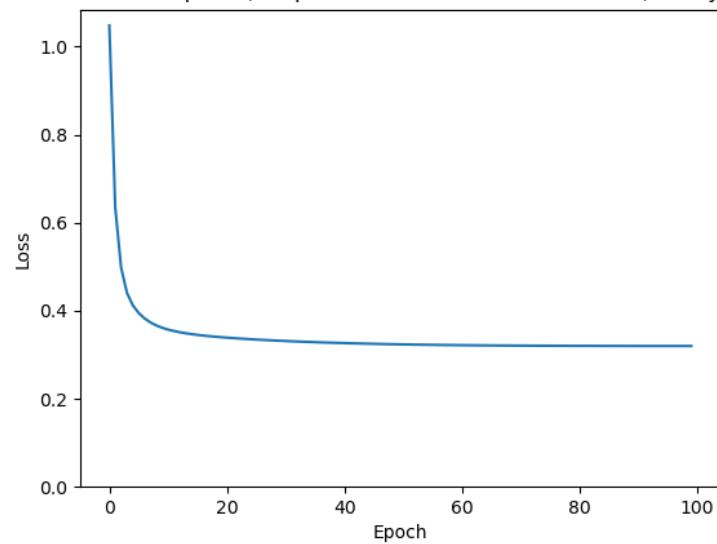
Loss over 100 epochs, step size=0.0224999999998355, decay=0.01



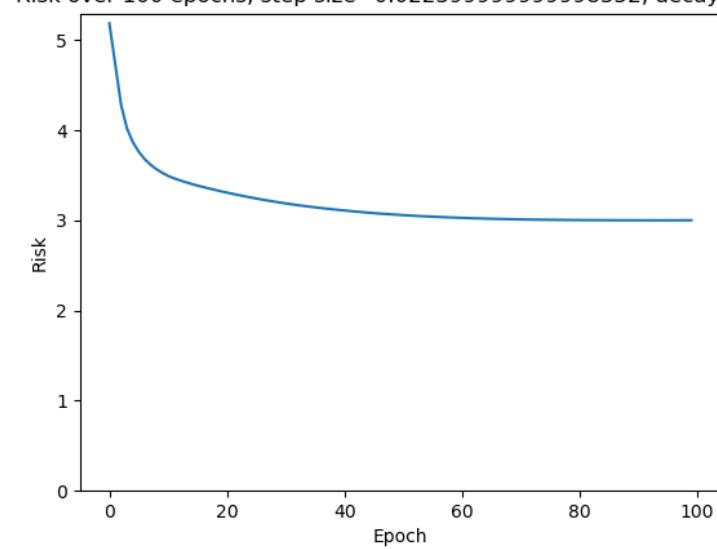
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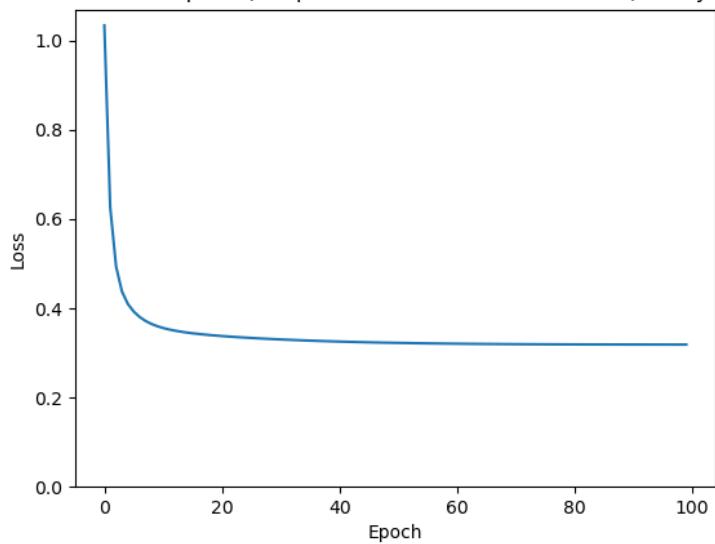
Loss over 100 epochs, step size=0.0223999999998352, decay=0.01



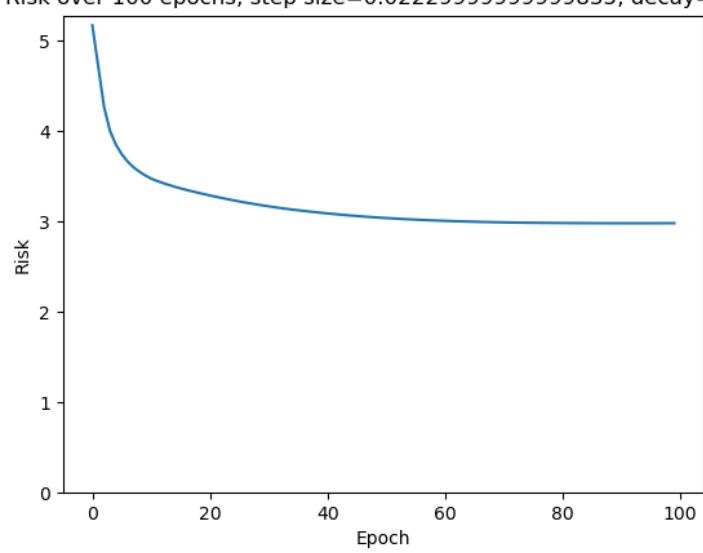
Risk over 100 epochs, step size=0.0223999999998352, decay=0.01



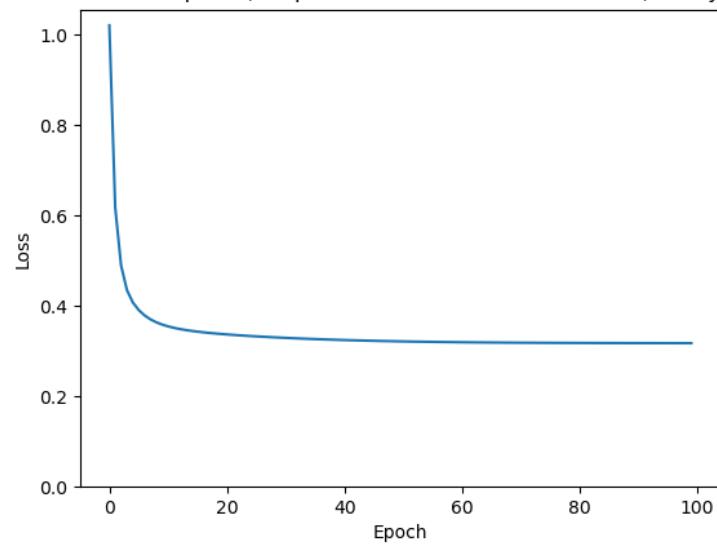
Loss over 100 epochs, step size=0.0222999999999835, decay=0.01



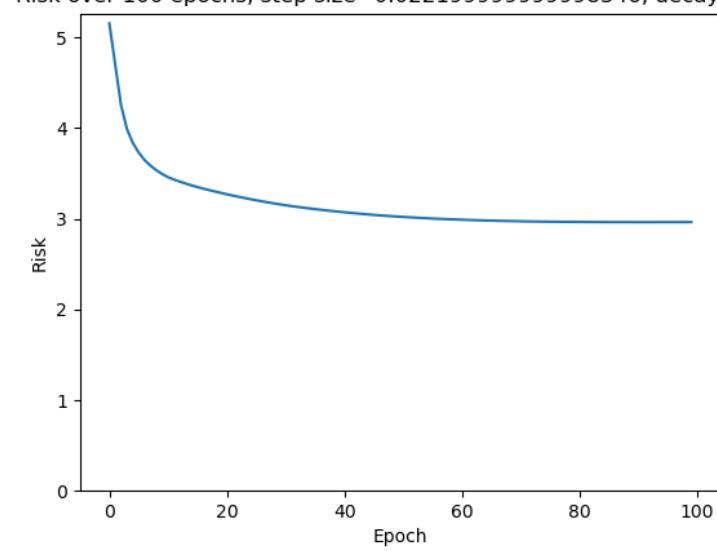
Risk over 100 epochs, step size=0.0222999999999835, decay=0.01



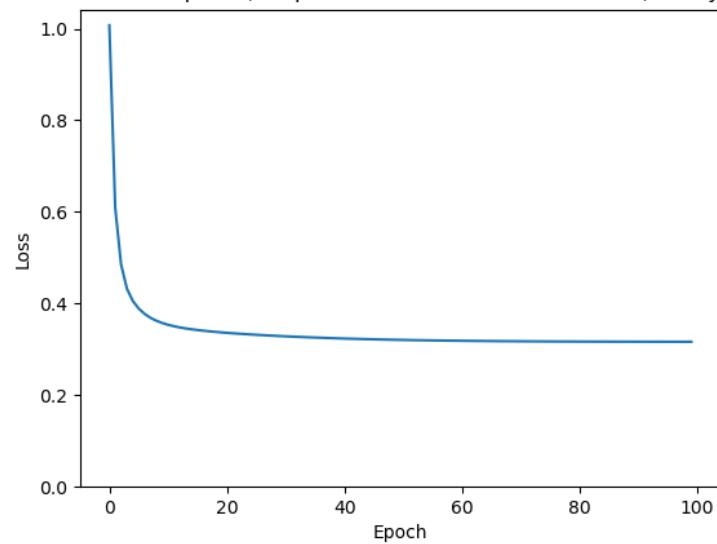
Loss over 100 epochs, step size=0.0221999999998346, decay=0.01



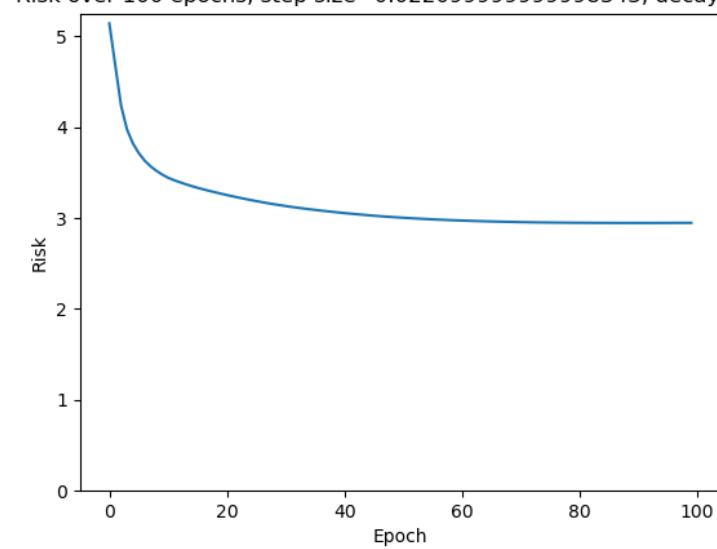
Risk over 100 epochs, step size=0.0221999999998346, decay=0.01



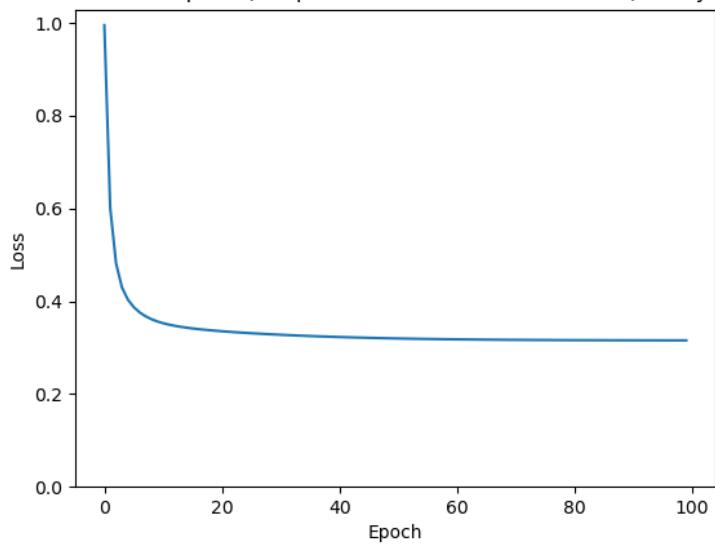
Loss over 100 epochs, step size=0.0220999999998343, decay=0.01



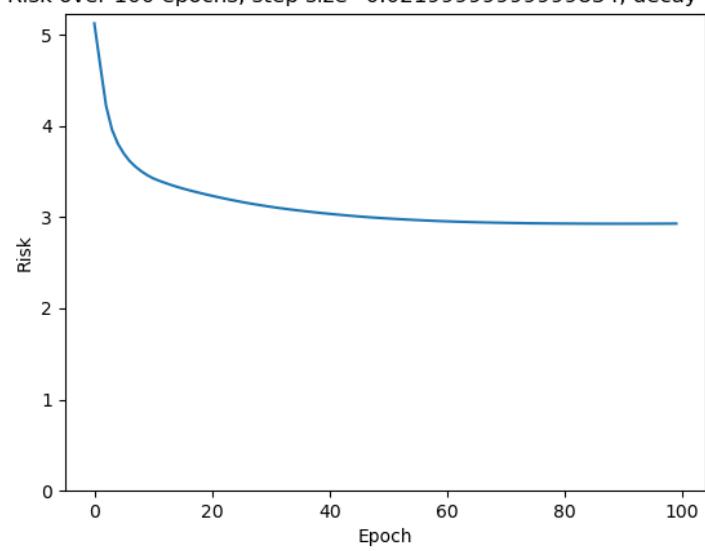
Risk over 100 epochs, step size=0.0220999999998343, decay=0.01



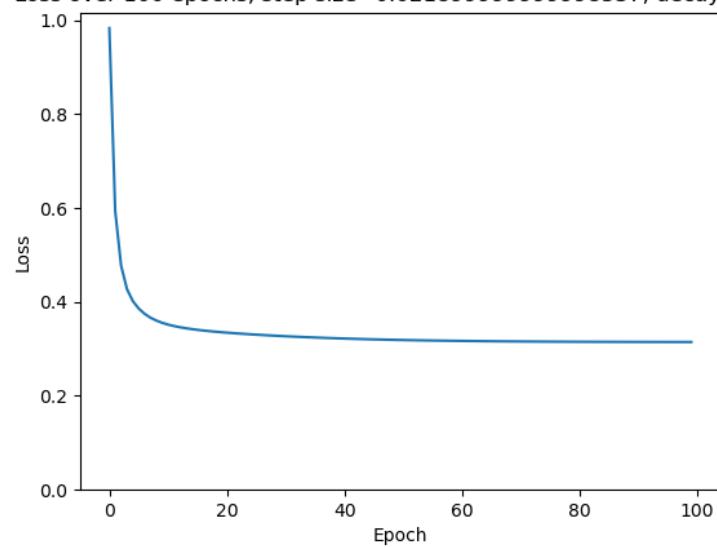
Loss over 100 epochs, step size=0.021999999999834, decay=0.01



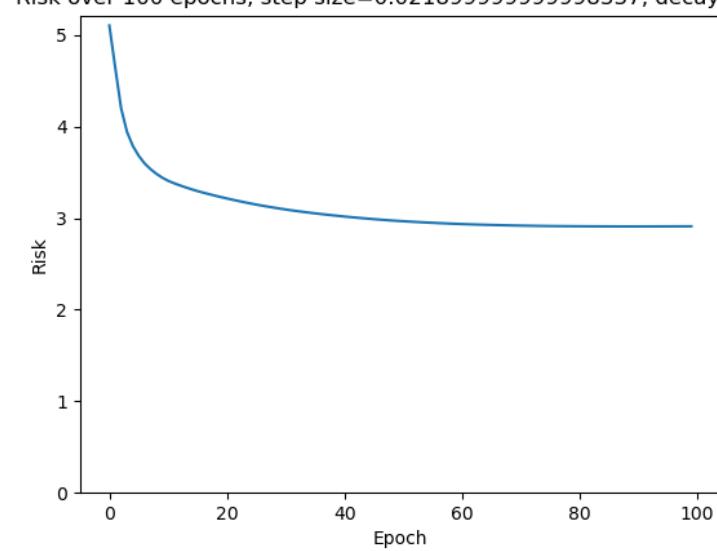
Risk over 100 epochs, step size=0.021999999999834, decay=0.01

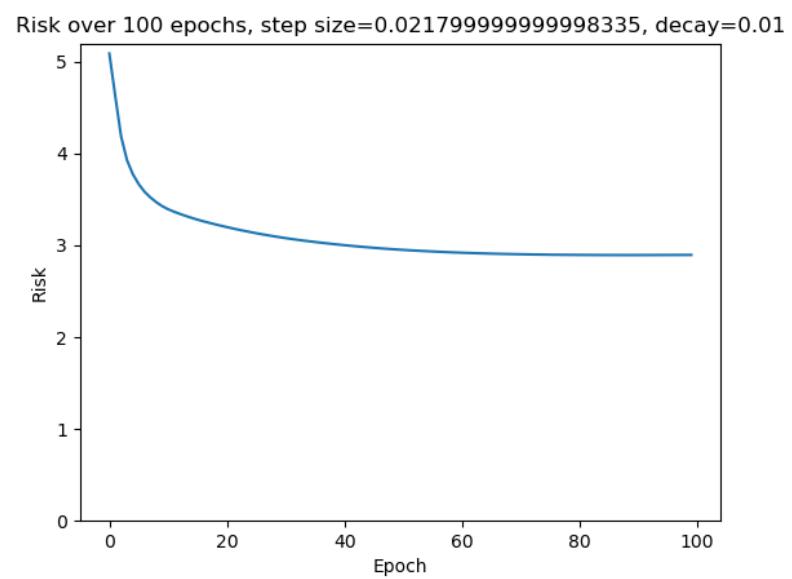
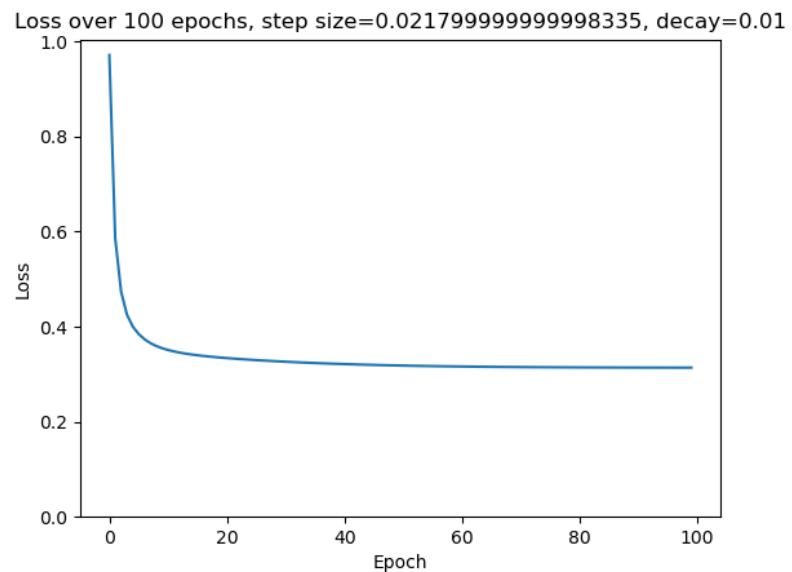


Loss over 100 epochs, step size=0.0218999999998337, decay=0.01

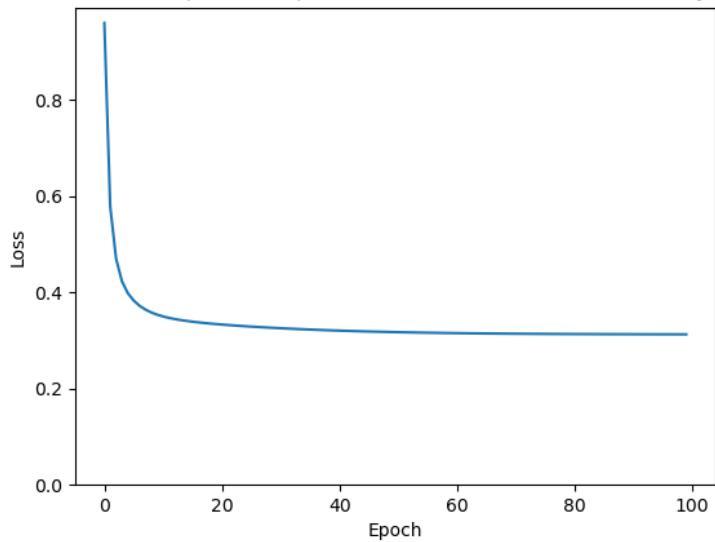


Risk over 100 epochs, step size=0.0218999999998337, decay=0.01

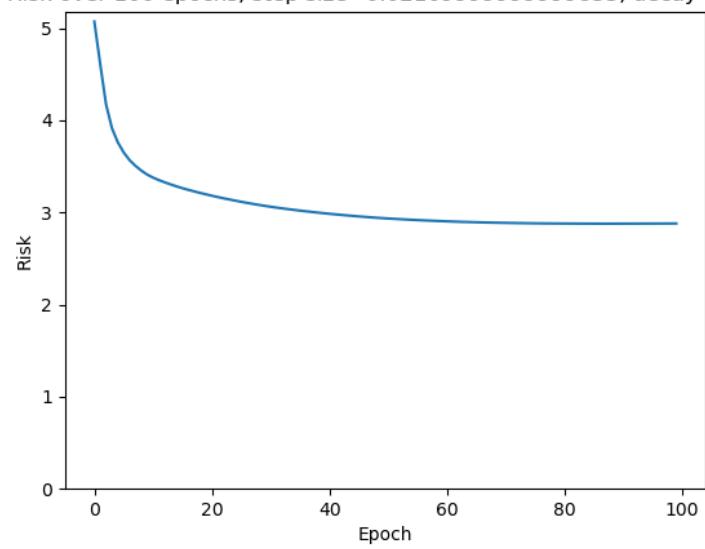




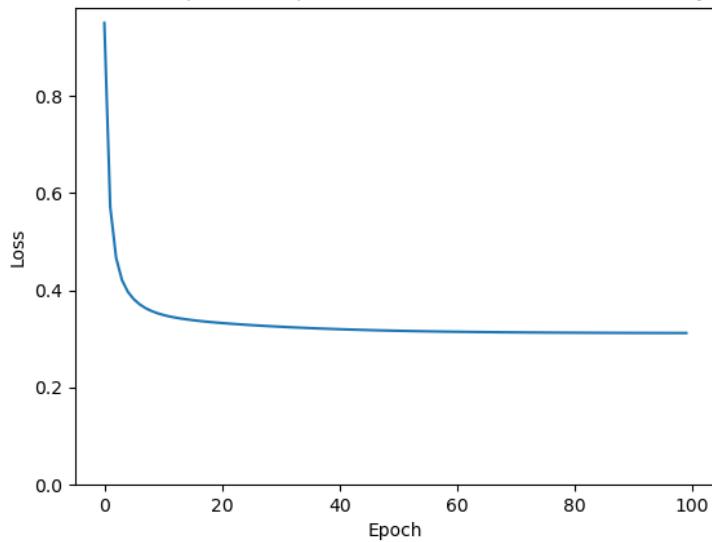
Loss over 100 epochs, step size=0.0216999999999833, decay=0.01



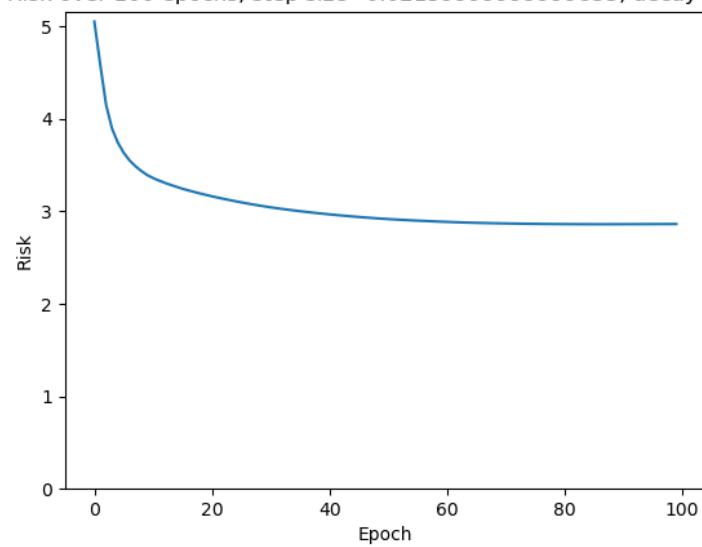
Risk over 100 epochs, step size=0.0216999999999833, decay=0.01



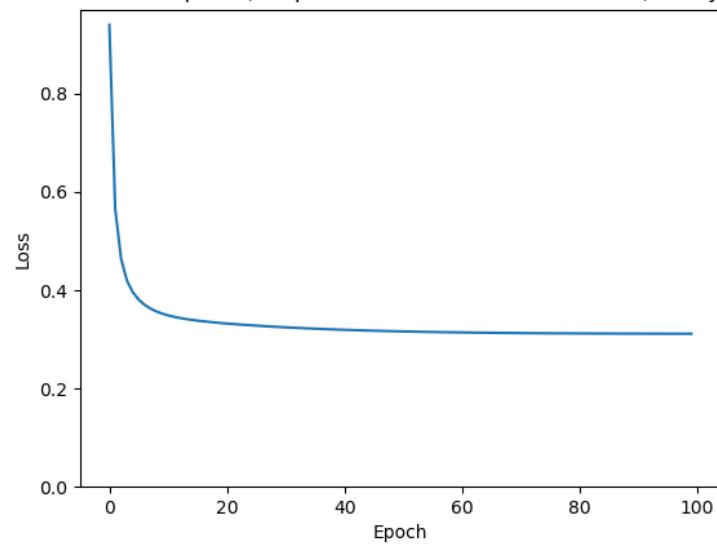
Loss over 100 epochs, step size=0.0215999999999833, decay=0.01



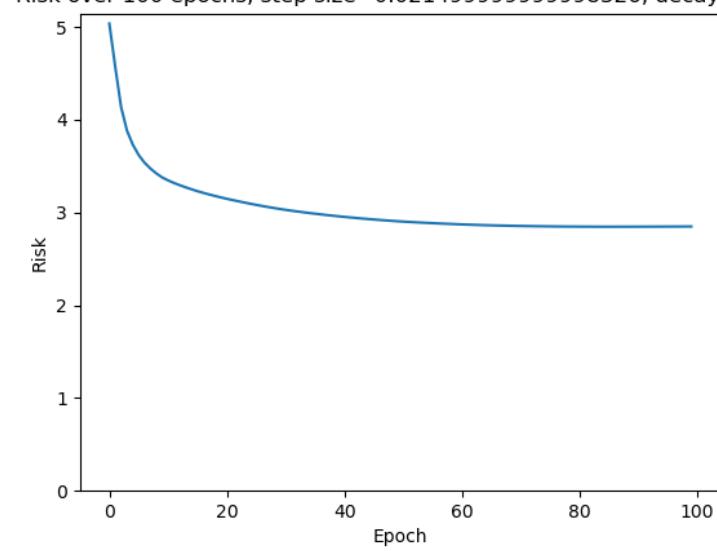
Risk over 100 epochs, step size=0.0215999999999833, decay=0.01



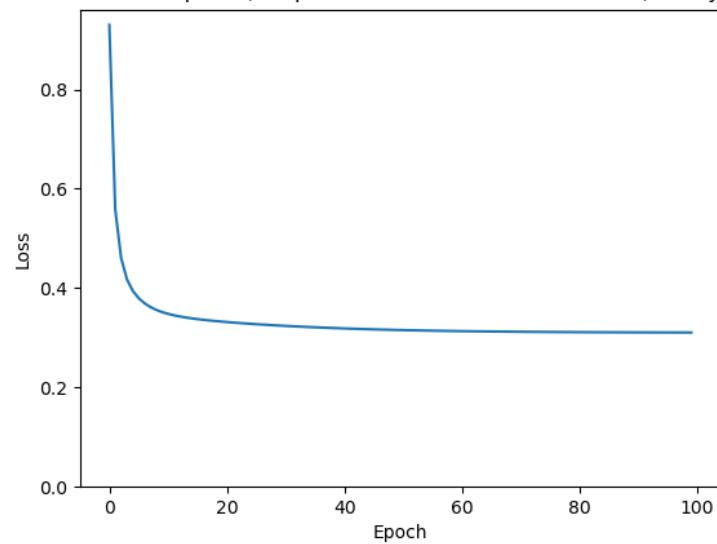
Loss over 100 epochs, step size=0.0214999999998326, decay=0.01



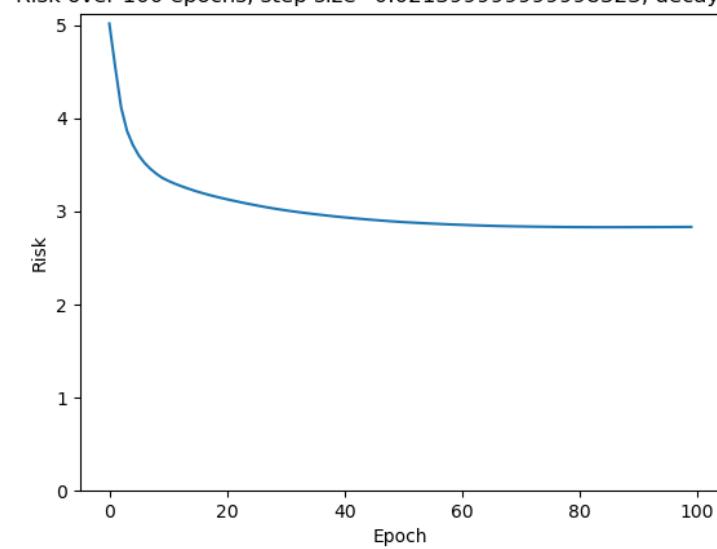
Risk over 100 epochs, step size=0.0214999999998326, decay=0.01



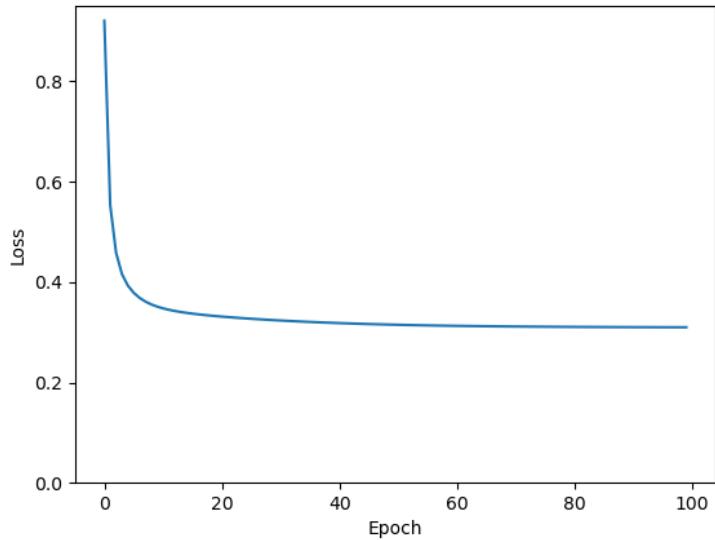
Loss over 100 epochs, step size=0.0213999999998323, decay=0.01



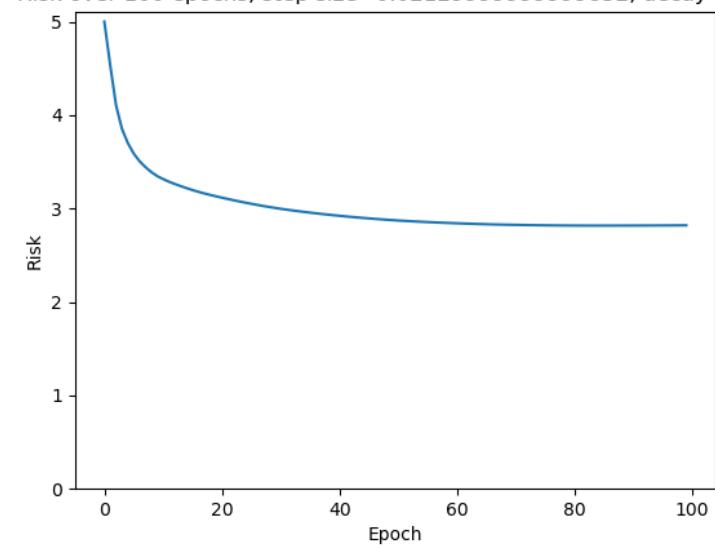
Risk over 100 epochs, step size=0.0213999999998323, decay=0.01



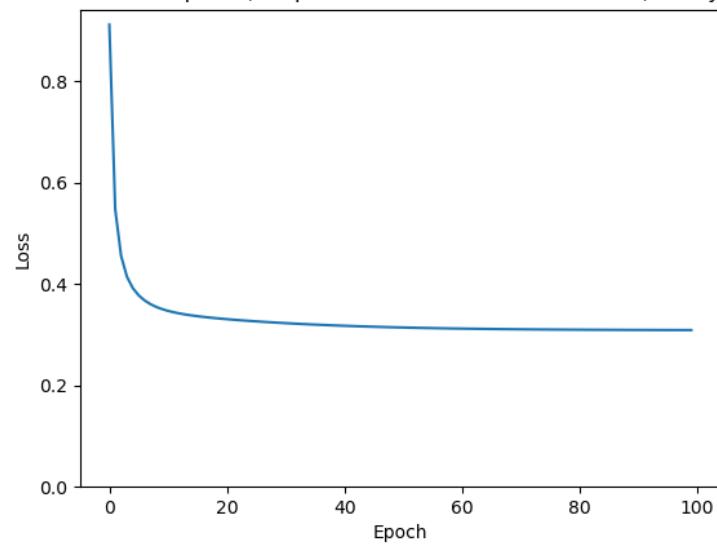
Loss over 100 epochs, step size=0.021299999999832, decay=0.01



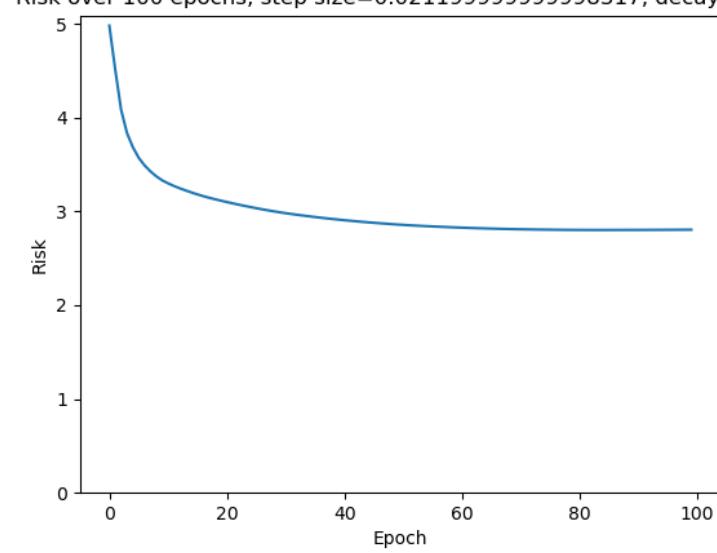
Risk over 100 epochs, step size=0.021299999999832, decay=0.01



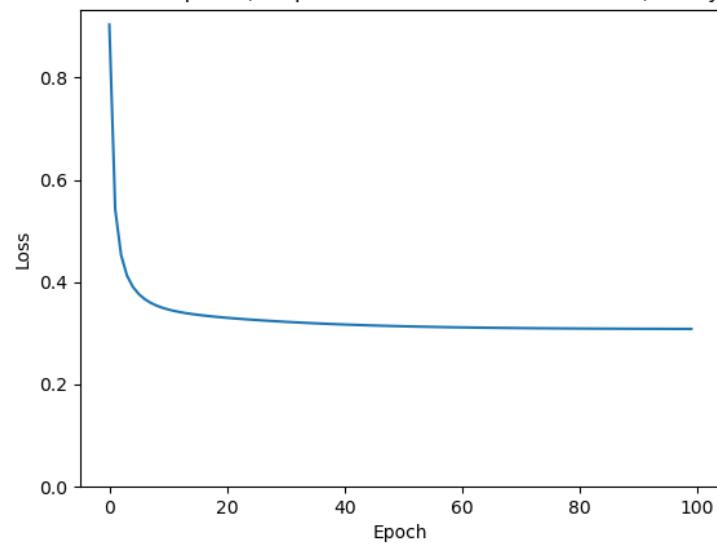
Loss over 100 epochs, step size=0.0211999999998317, decay=0.01



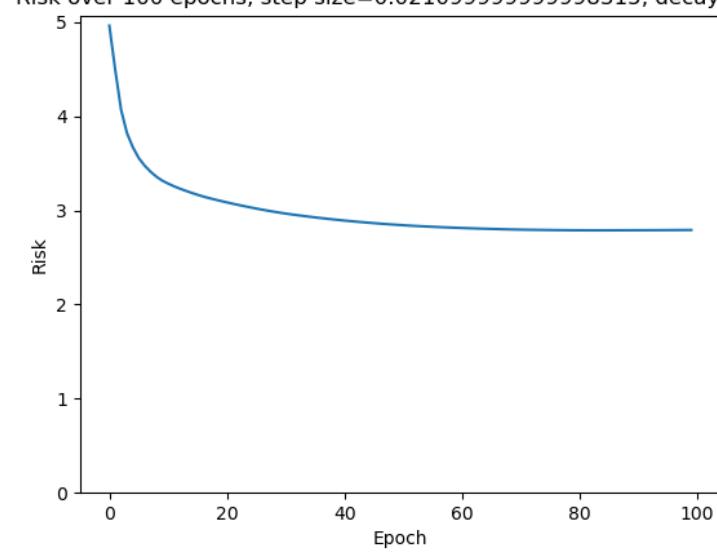
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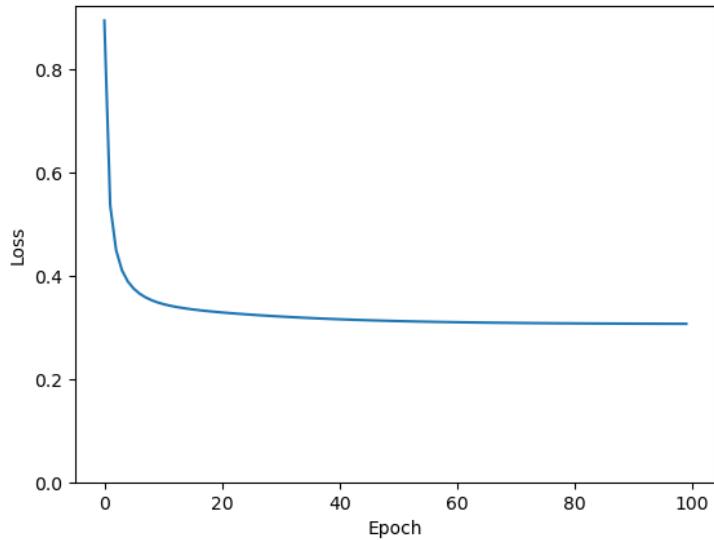
Loss over 100 epochs, step size=0.0210999999998315, decay=0.01



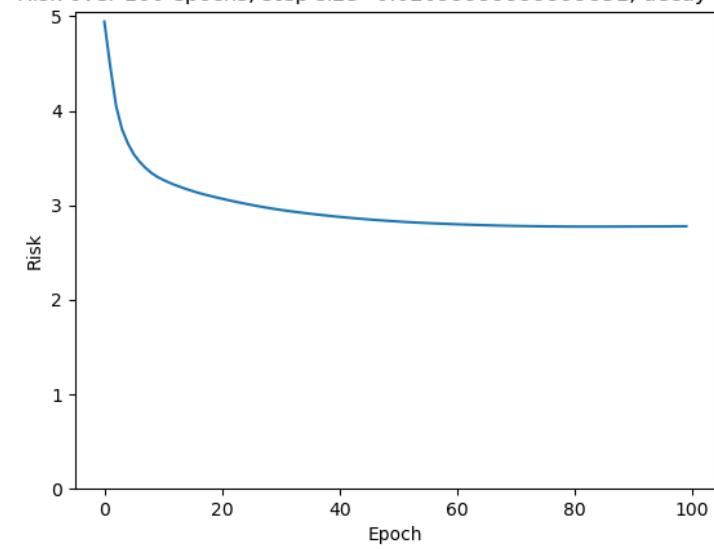
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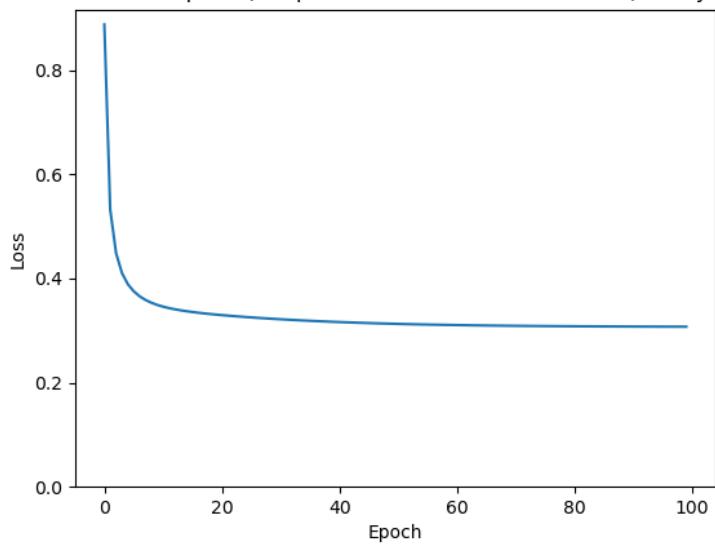
Loss over 100 epochs, step size=0.020999999999831, decay=0.01



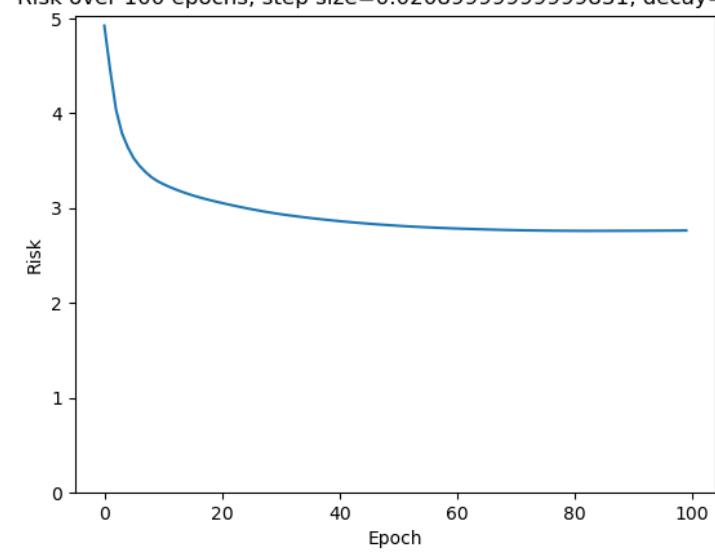
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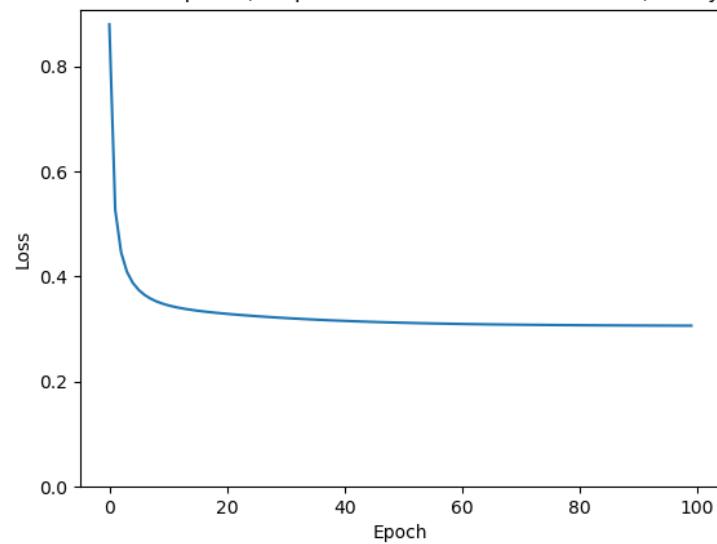
Loss over 100 epochs, step size=0.0208999999999831, decay=0.01



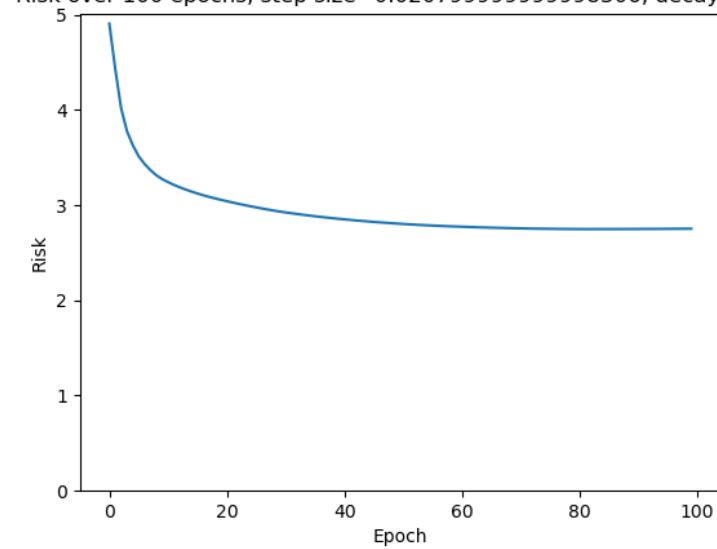
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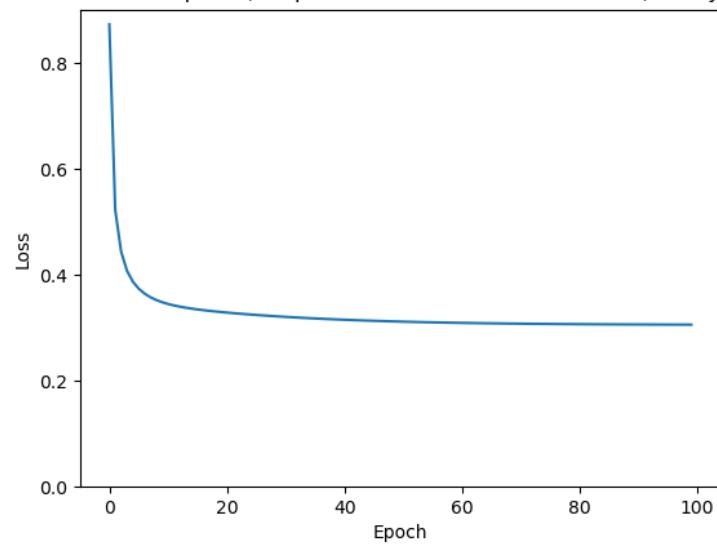
Loss over 100 epochs, step size=0.0207999999998306, decay=0.01



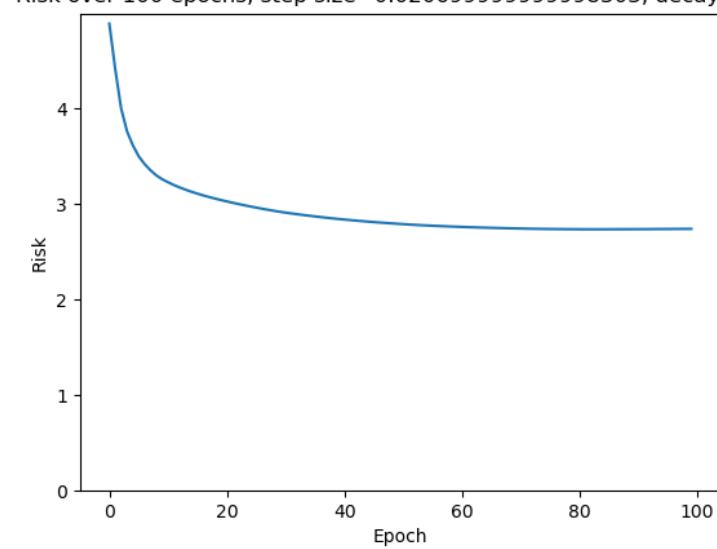
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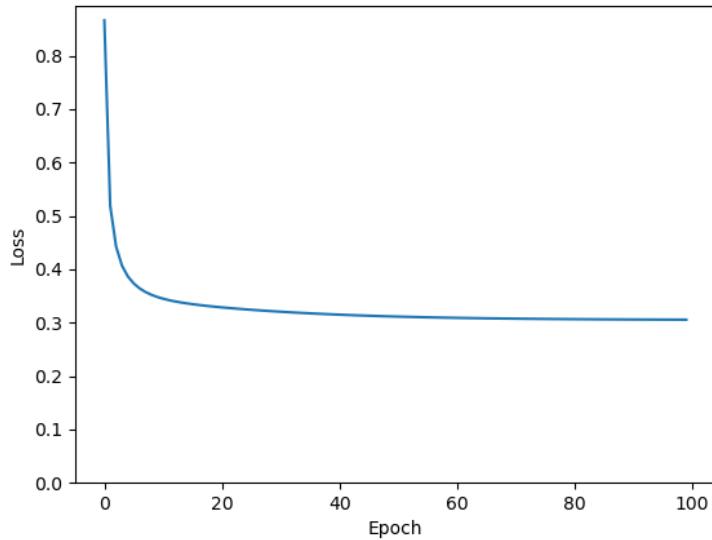
Loss over 100 epochs, step size=0.0206999999998303, decay=0.01



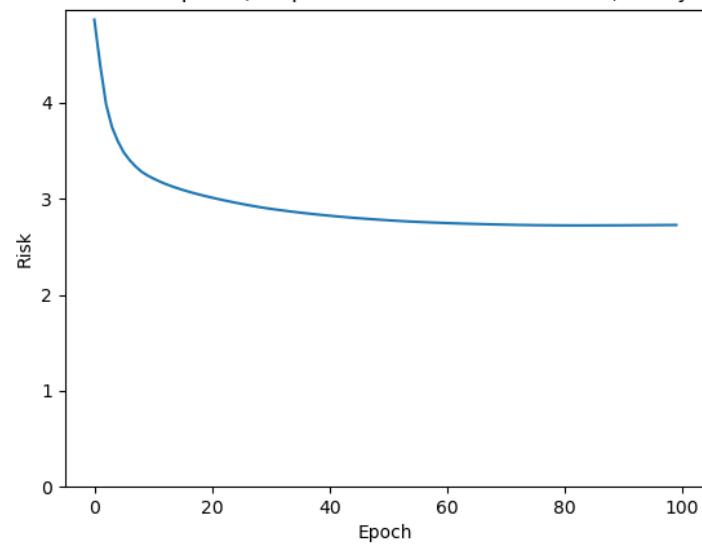
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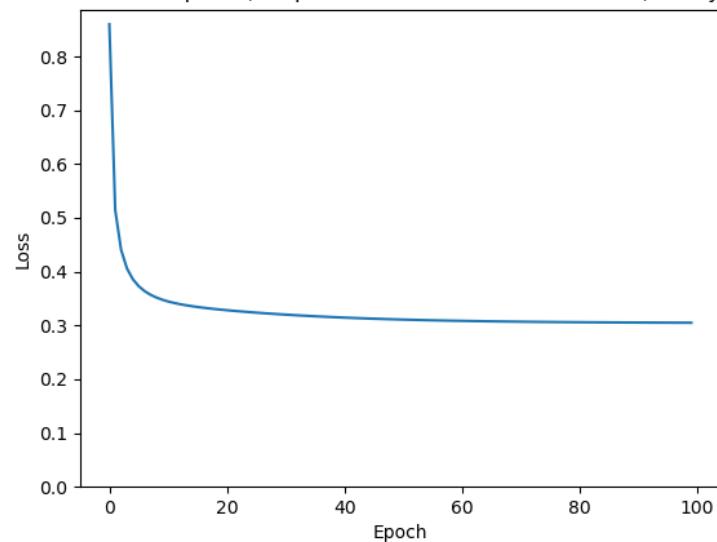
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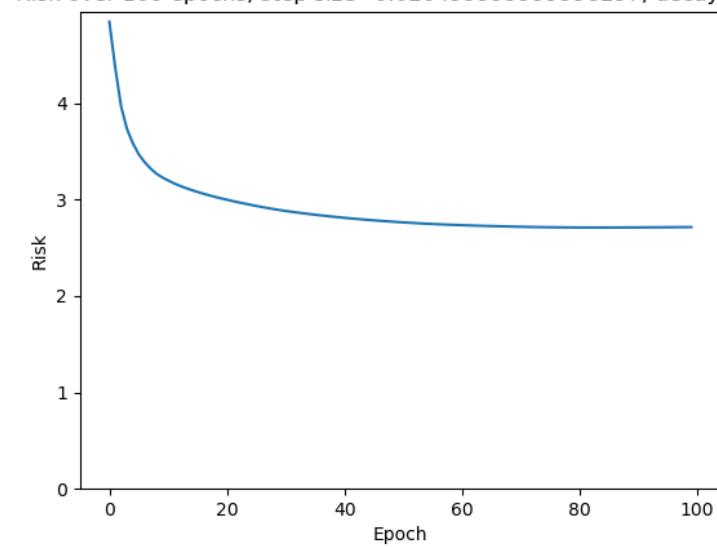
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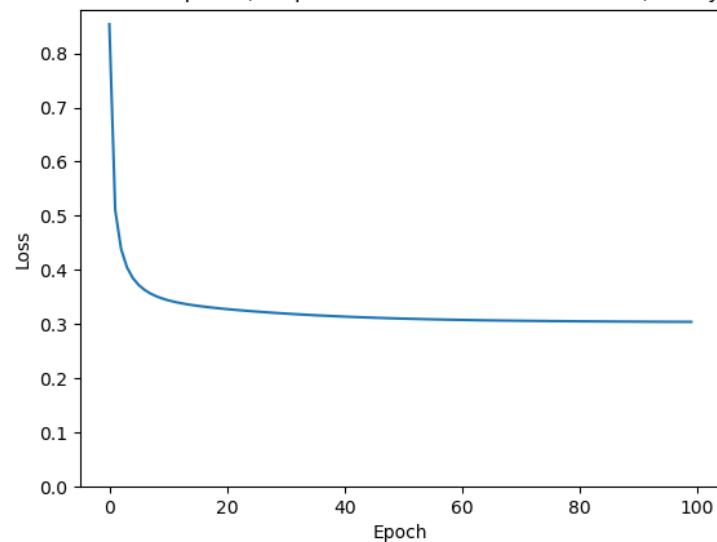
Loss over 100 epochs, step size=0.0204999999998297, decay=0.01



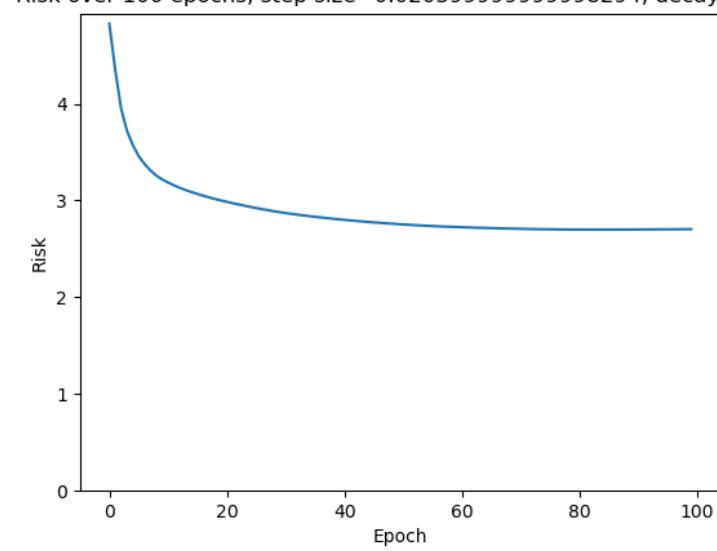
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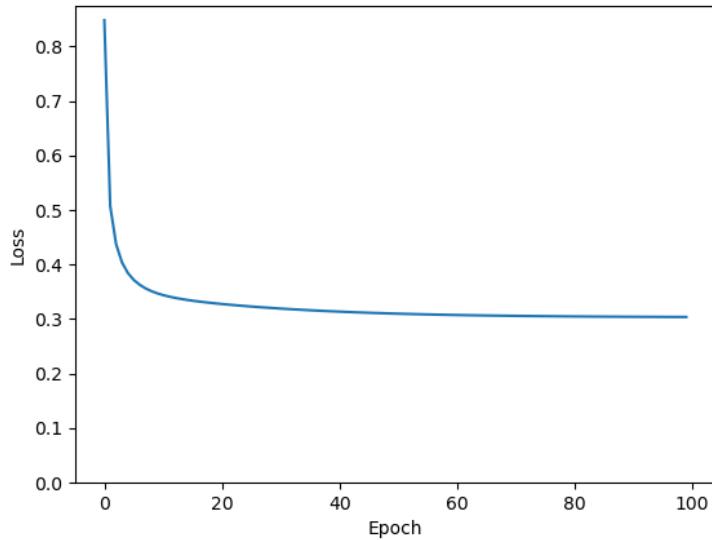
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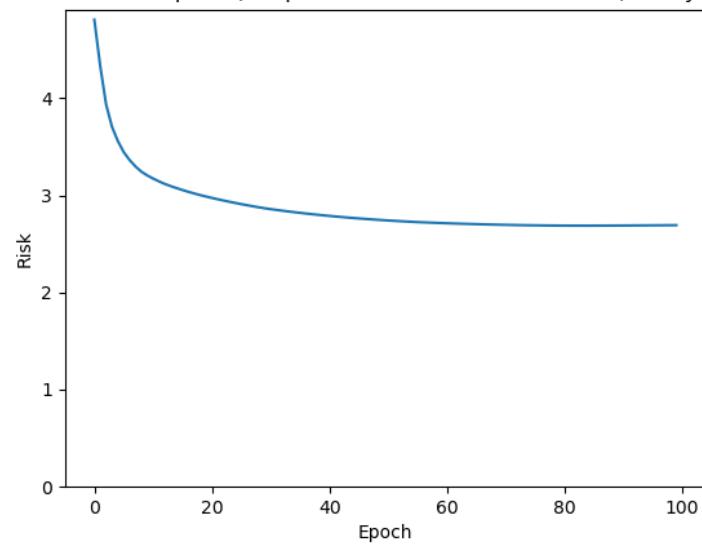
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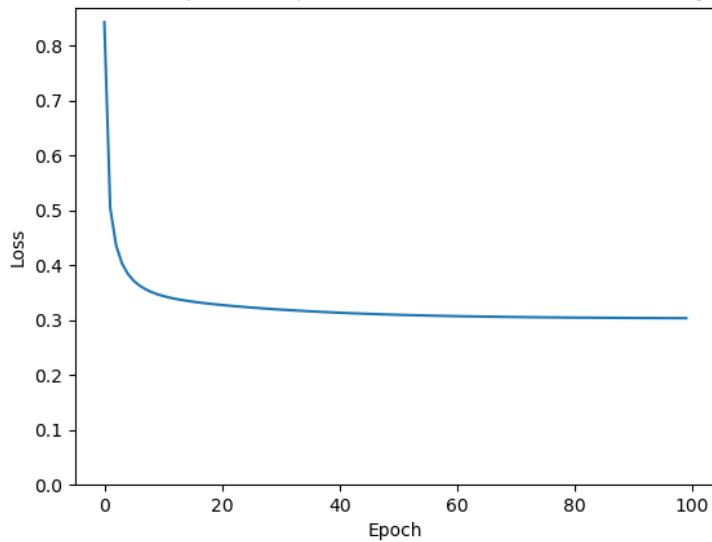
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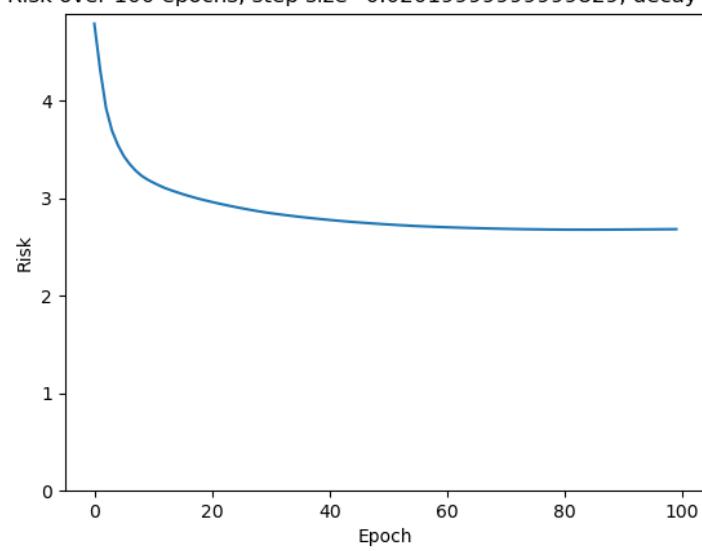
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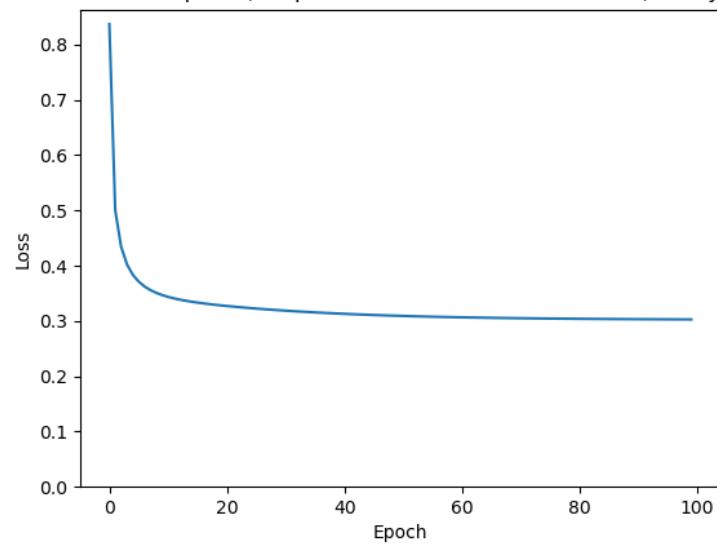
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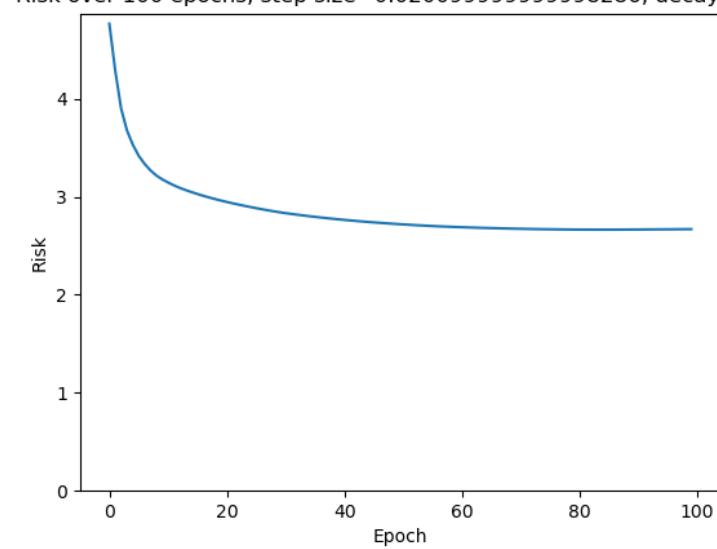
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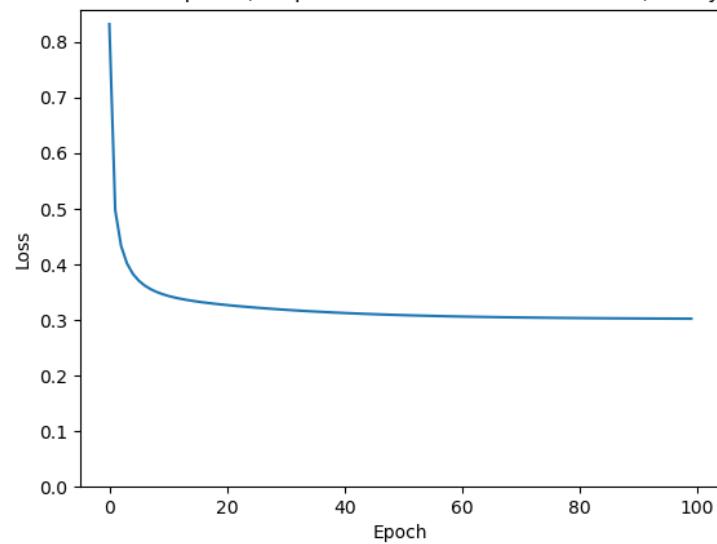
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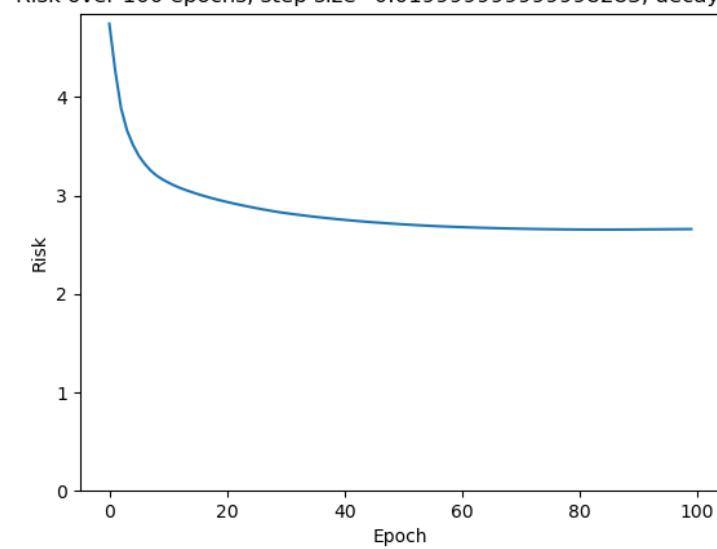
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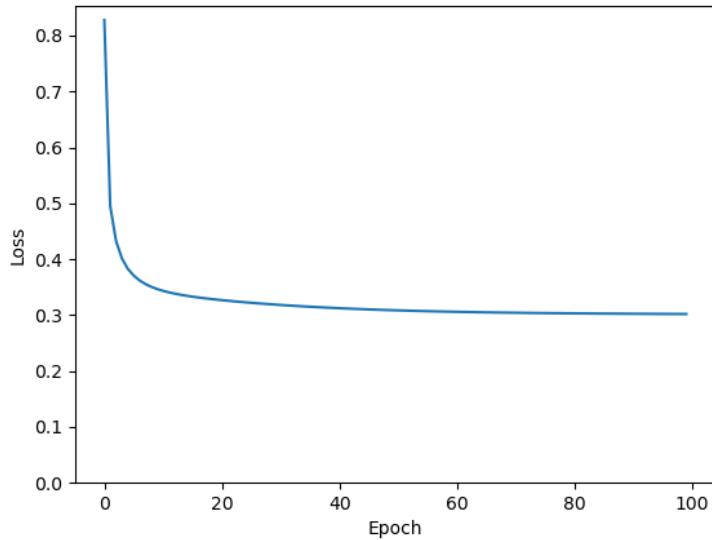
Loss over 100 epochs, step size=0.0199999999998283, decay=0.01



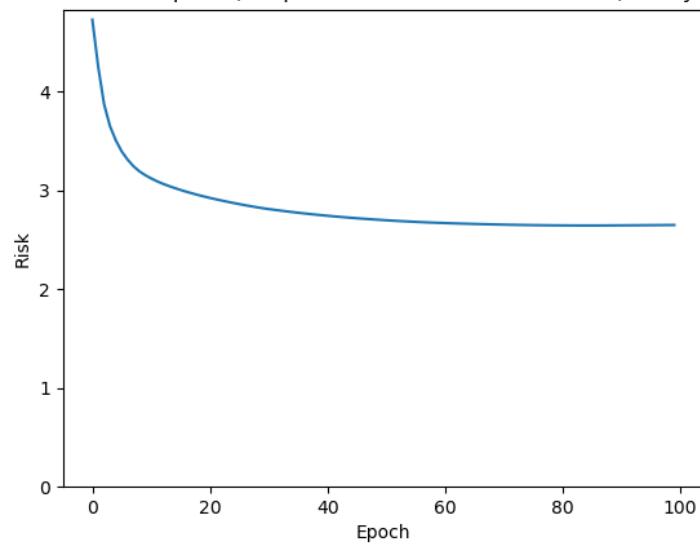
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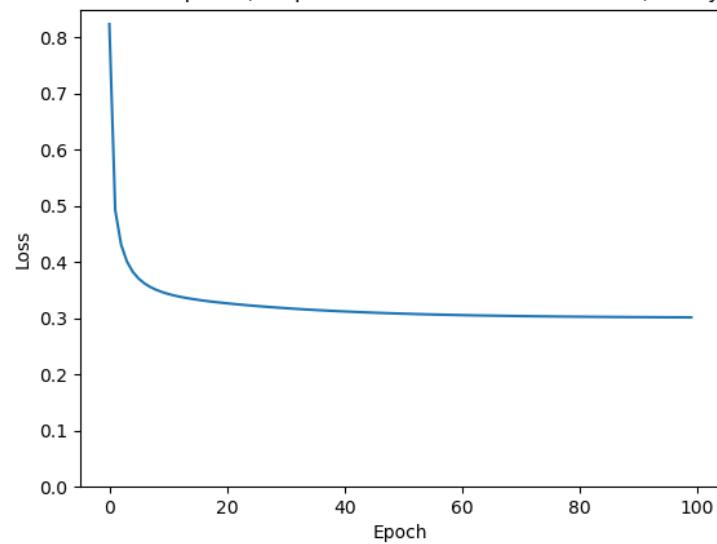
Loss over 100 epochs, step size=0.0198999999999828, decay=0.01



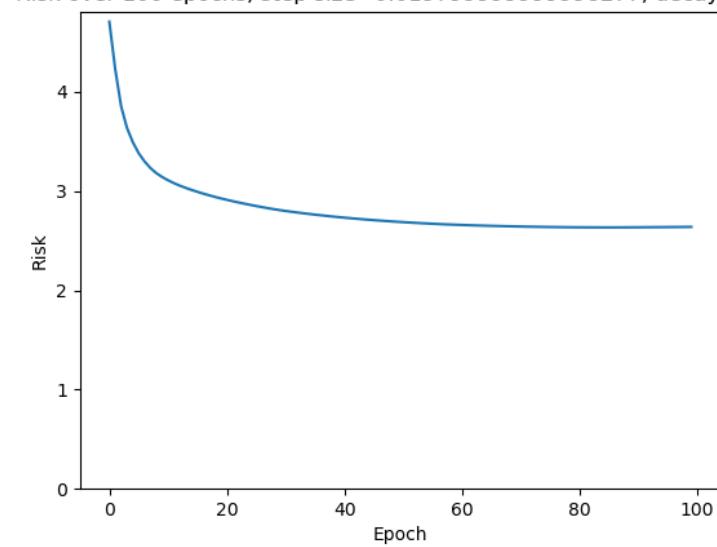
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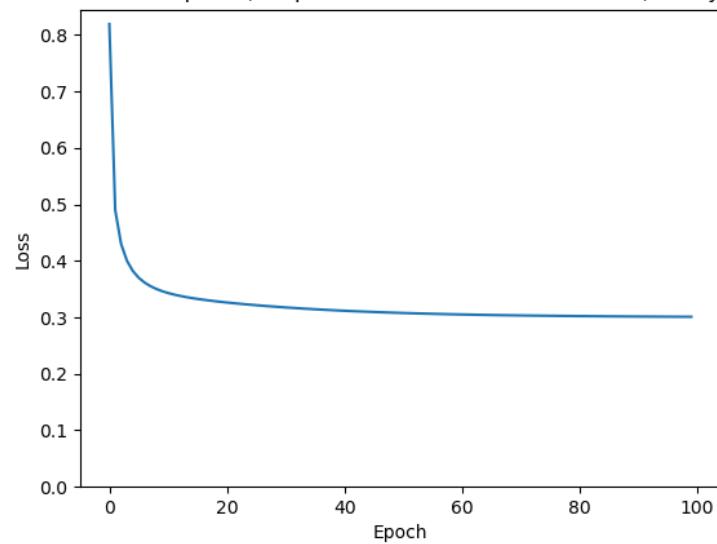
Loss over 100 epochs, step size=0.0197999999998277, decay=0.01



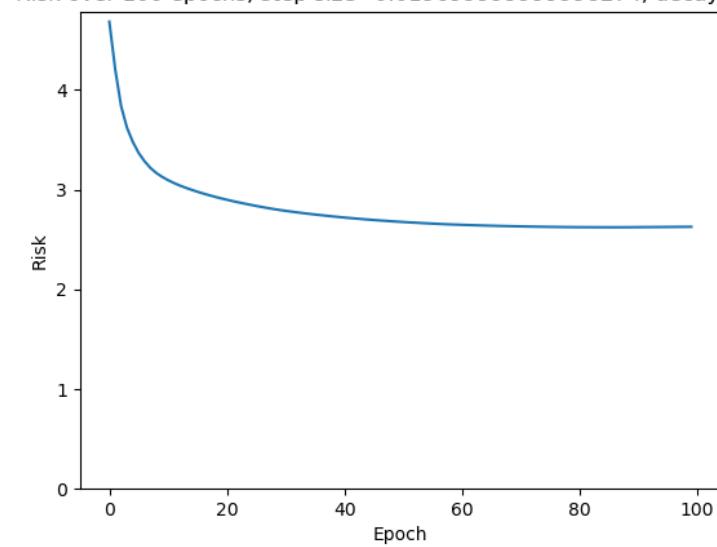
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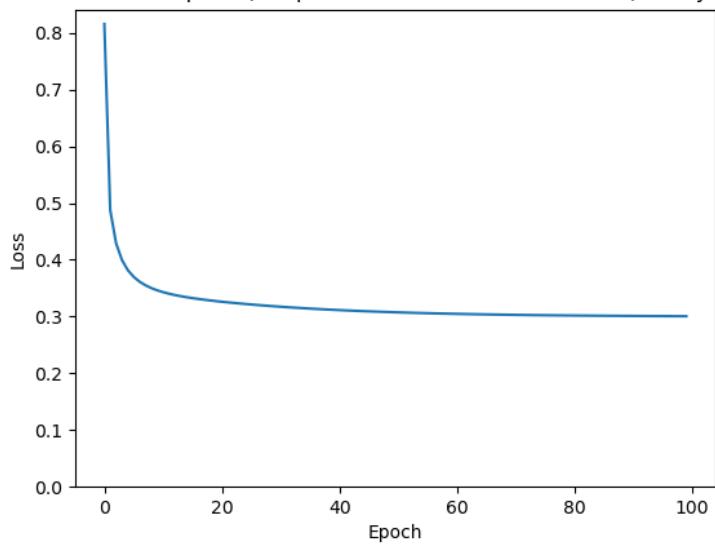
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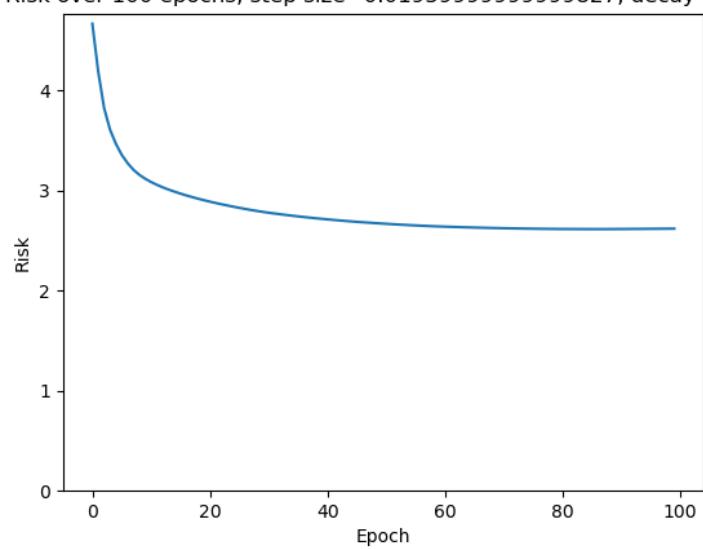
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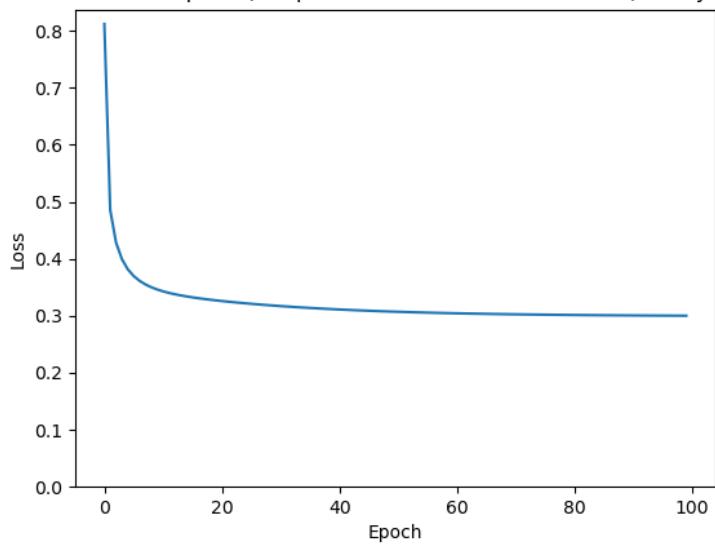
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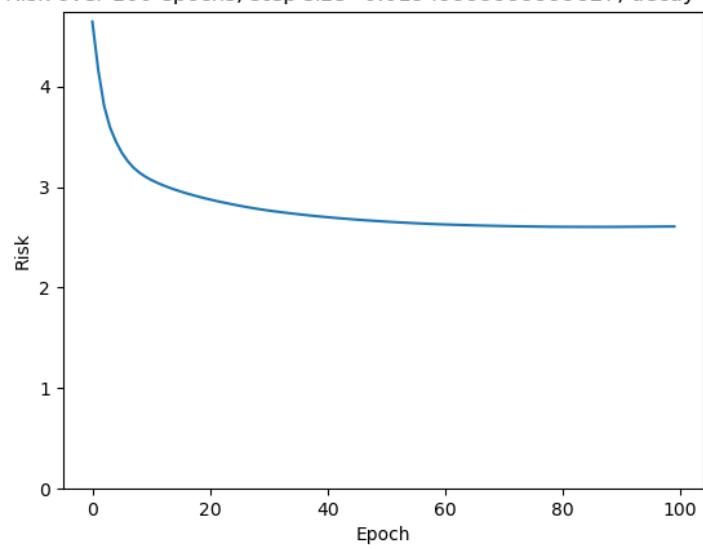
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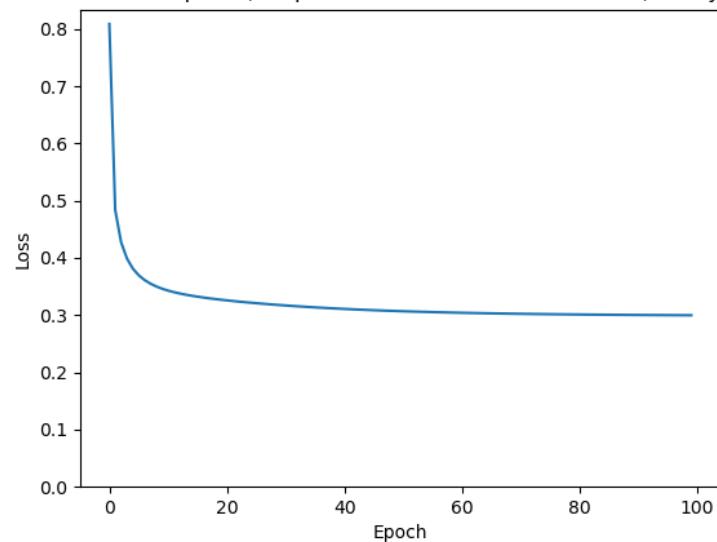
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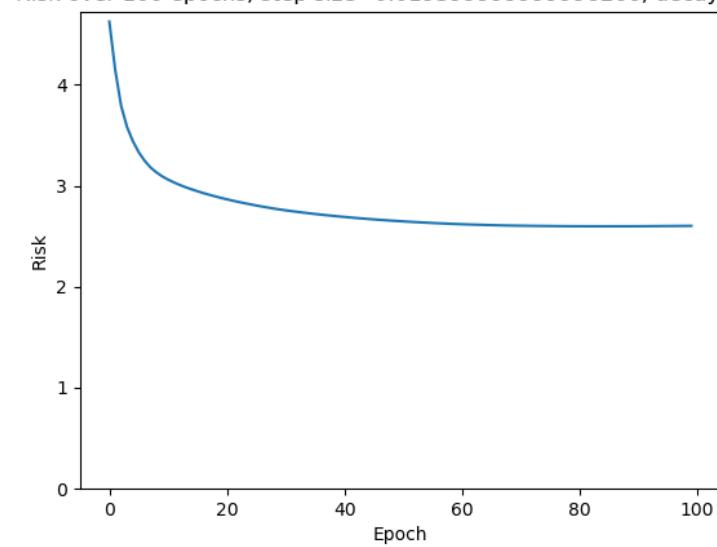
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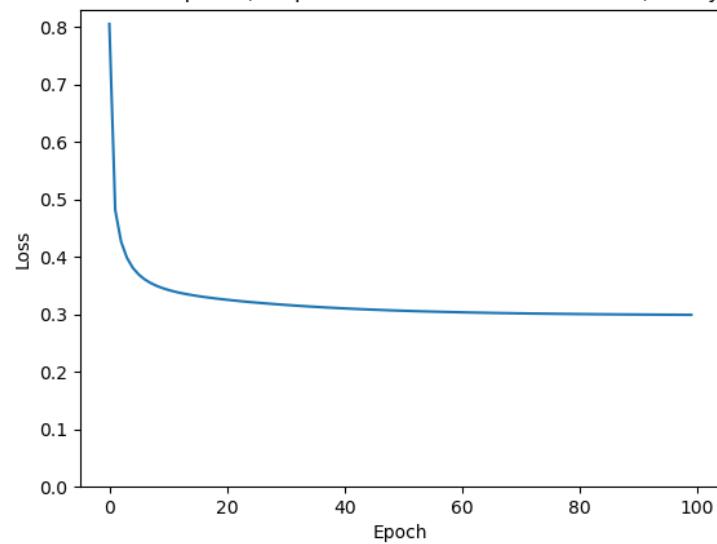
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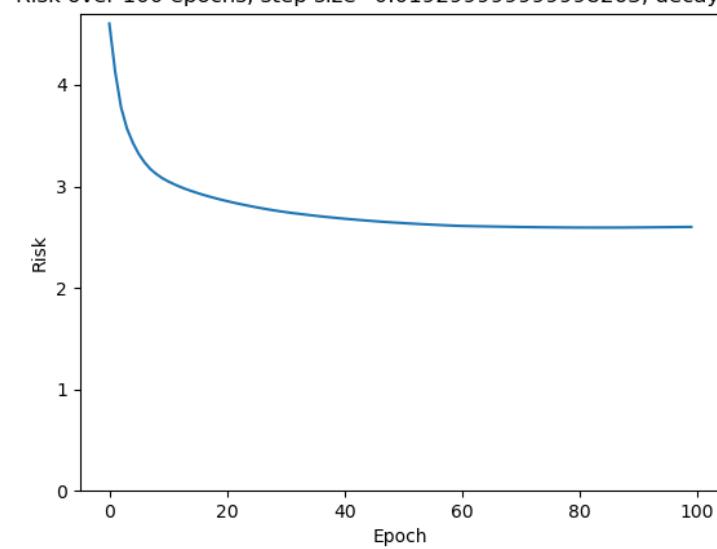
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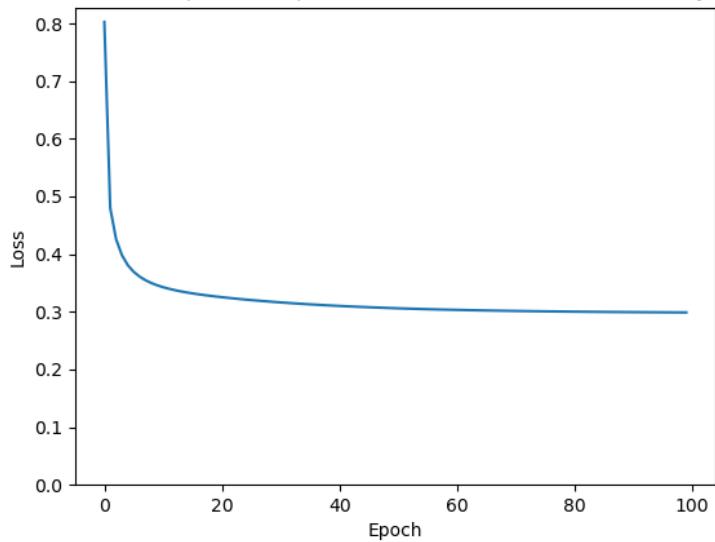
Loss over 100 epochs, step size=0.0192999999998263, decay=0.01



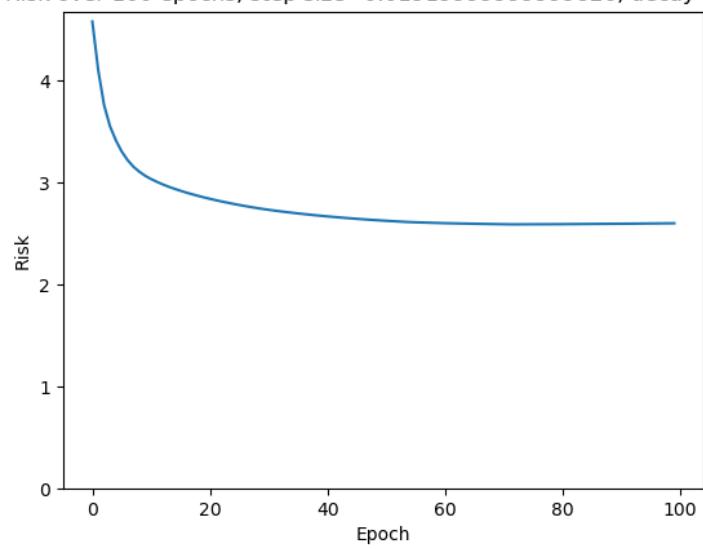
Risk over 100 epochs, step size=0.0192999999998263, decay=0.01



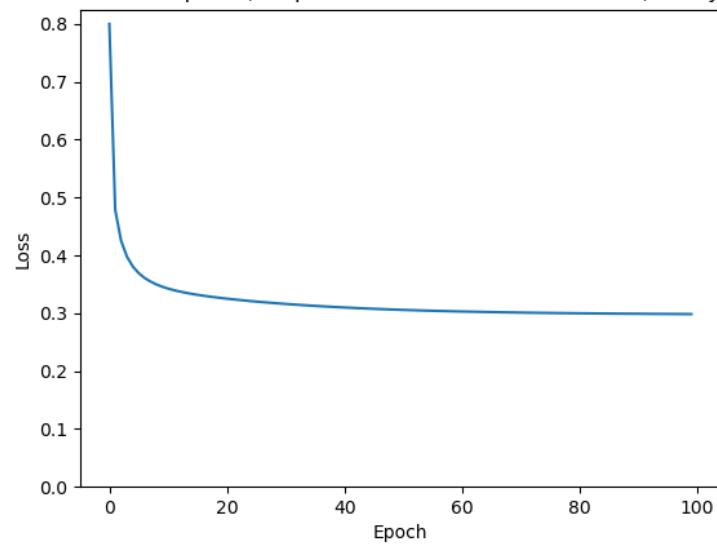
Loss over 100 epochs, step size=0.019199999999826, decay=0.01



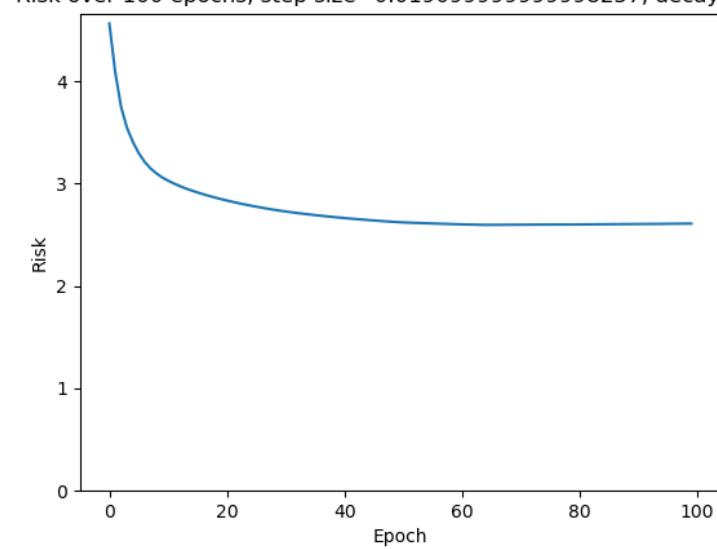
Risk over 100 epochs, step size=0.019199999999826, decay=0.01



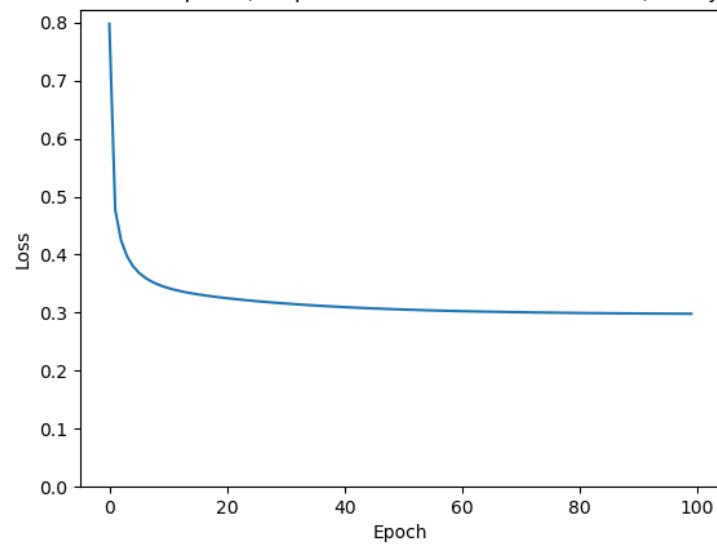
Loss over 100 epochs, step size=0.0190999999998257, decay=0.01



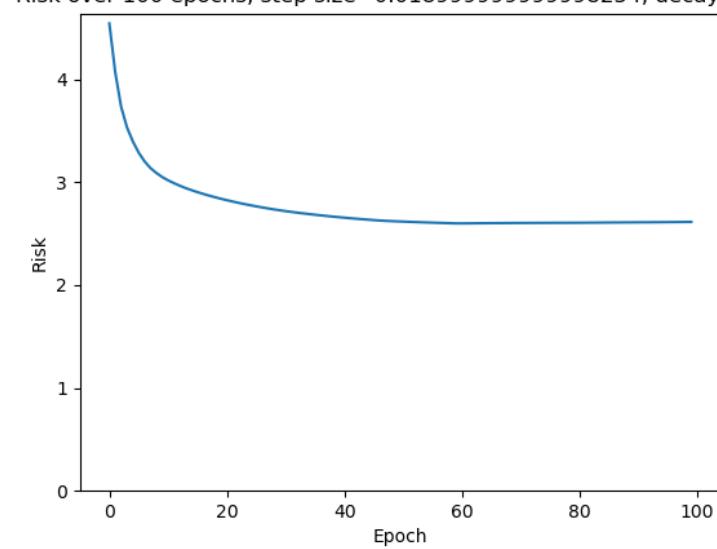
Risk over 100 epochs, step size=0.0190999999998257, decay=0.01



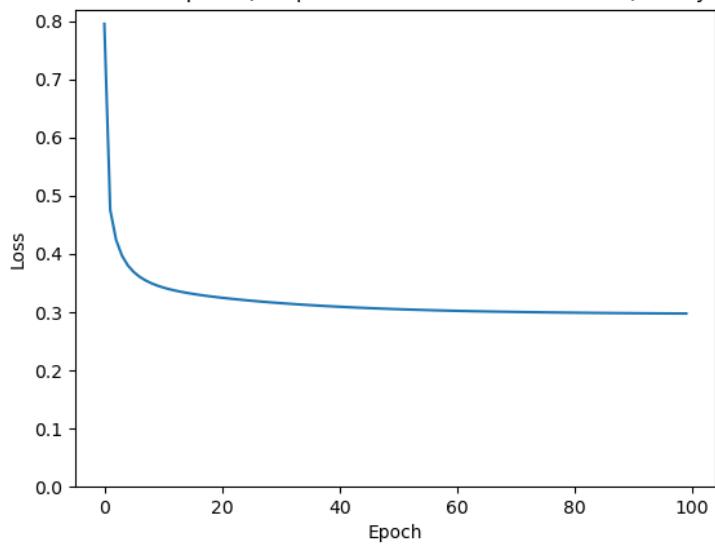
Loss over 100 epochs, step size=0.0189999999998254, decay=0.01



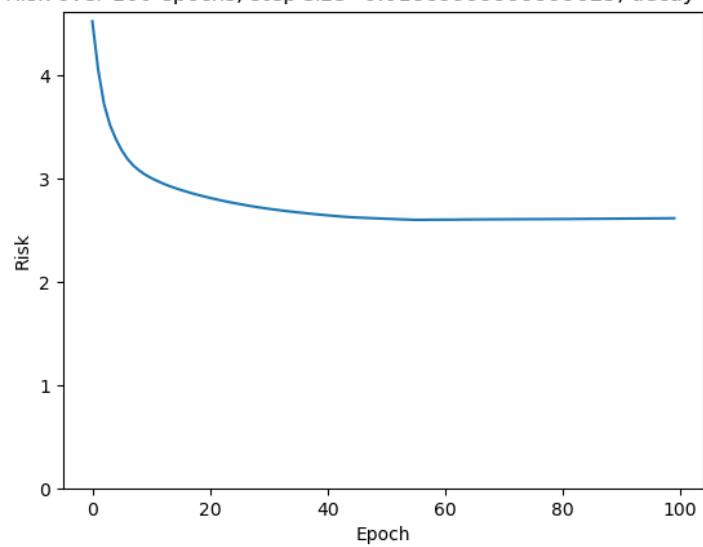
Risk over 100 epochs, step size=0.0189999999998254, decay=0.01



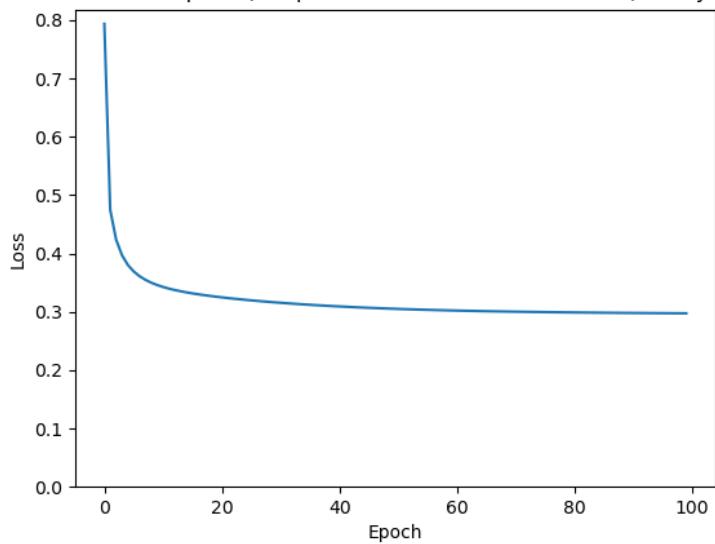
Loss over 100 epochs, step size=0.0188999999999825, decay=0.01



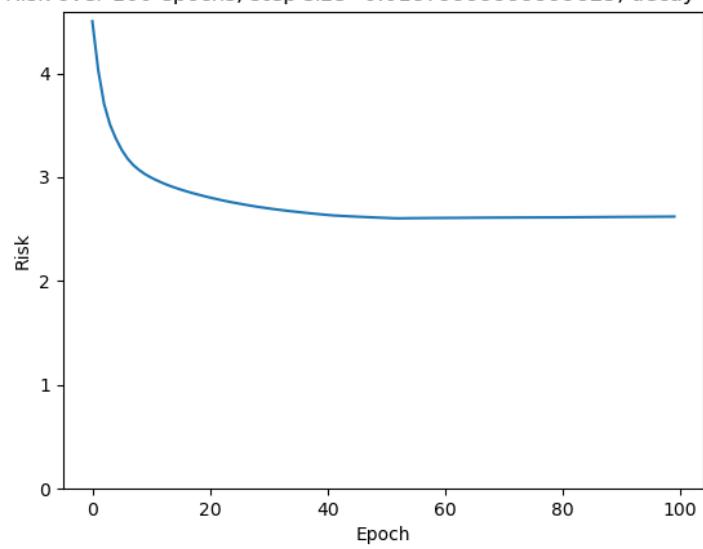
Risk over 100 epochs, step size=0.0188999999999825, decay=0.01

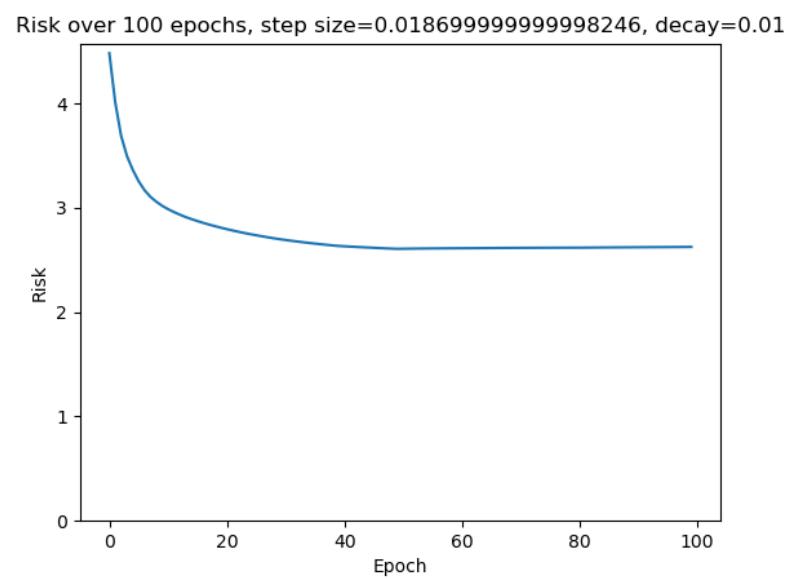
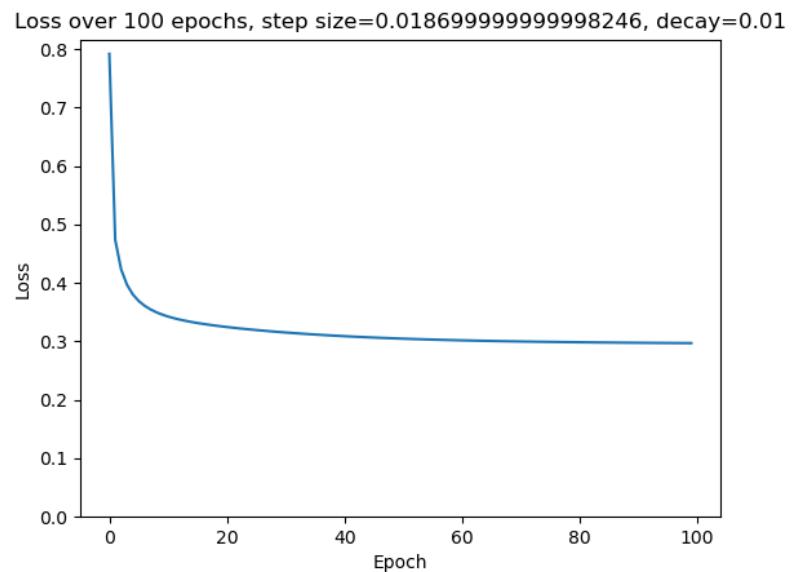


Loss over 100 epochs, step size=0.0187999999999825, decay=0.01

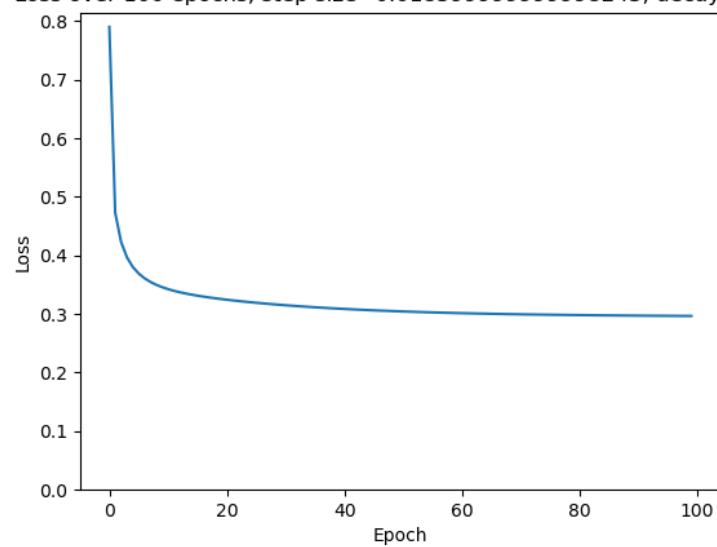


Risk over 100 epochs, step size=0.0187999999999825, decay=0.01

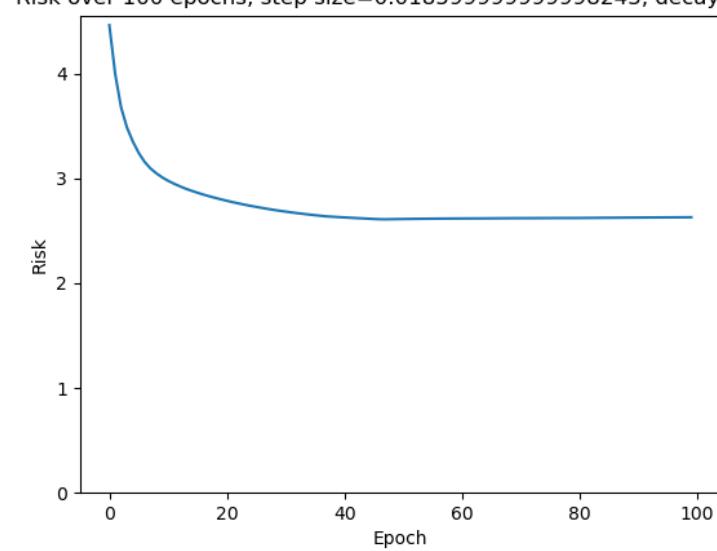




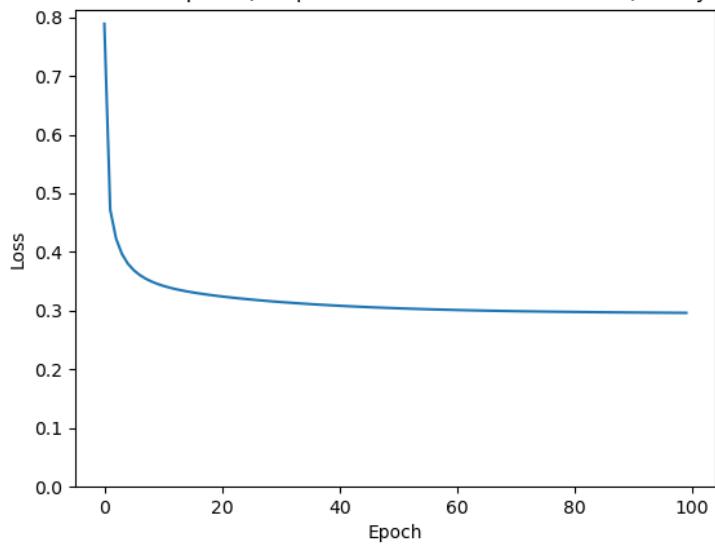
Loss over 100 epochs, step size=0.01859999999998243, decay=0.01



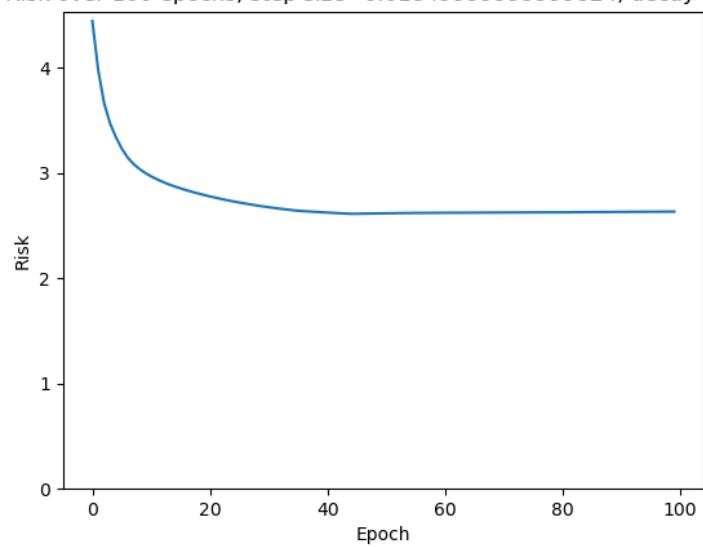
Risk over 100 epochs, step size=0.01859999999998243, decay=0.01



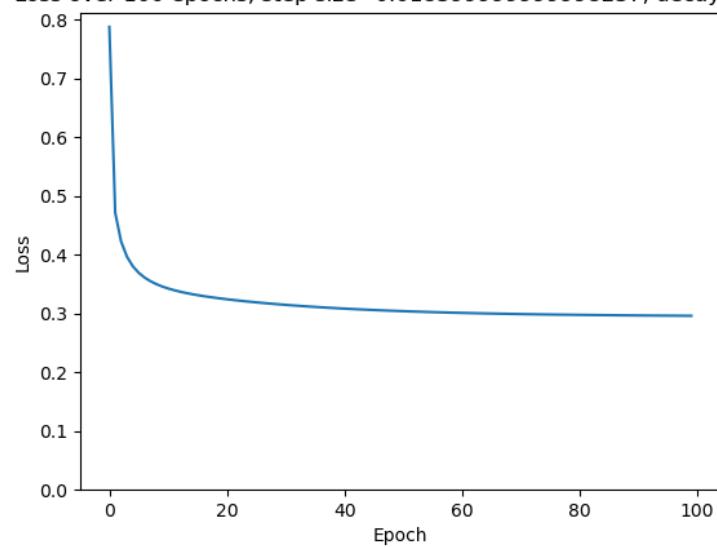
Loss over 100 epochs, step size=0.018499999999824, decay=0.01



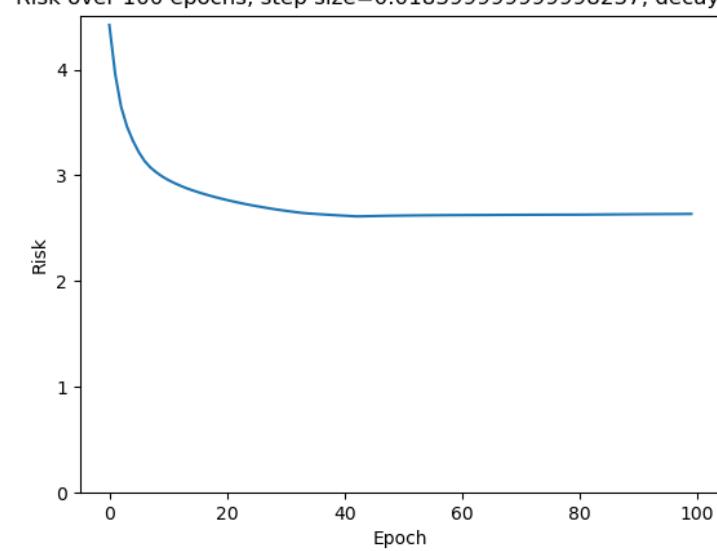
Risk over 100 epochs, step size=0.018499999999824, decay=0.01



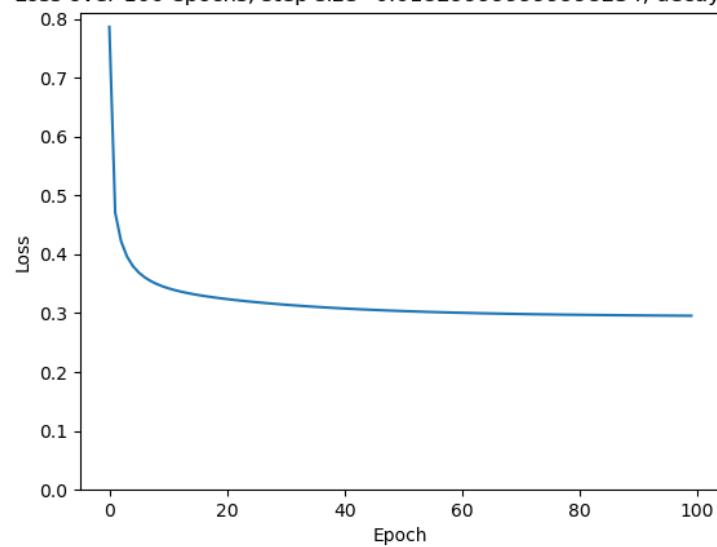
Loss over 100 epochs, step size=0.0183999999998237, decay=0.01



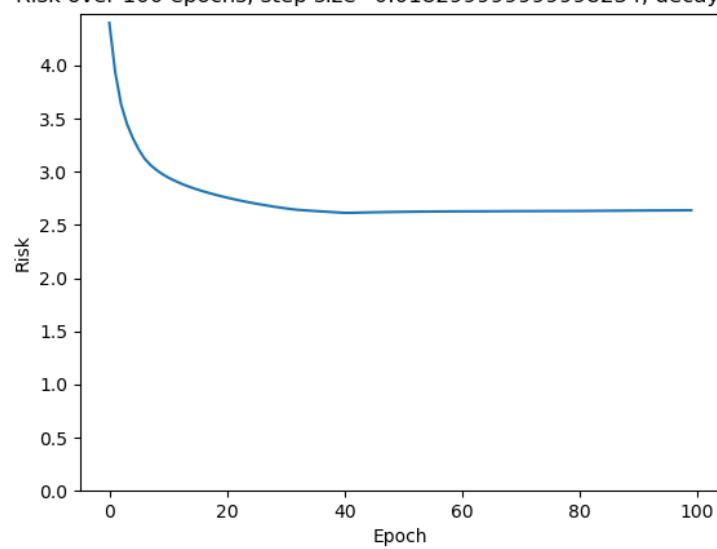
Risk over 100 epochs, step size=0.0183999999998237, decay=0.01



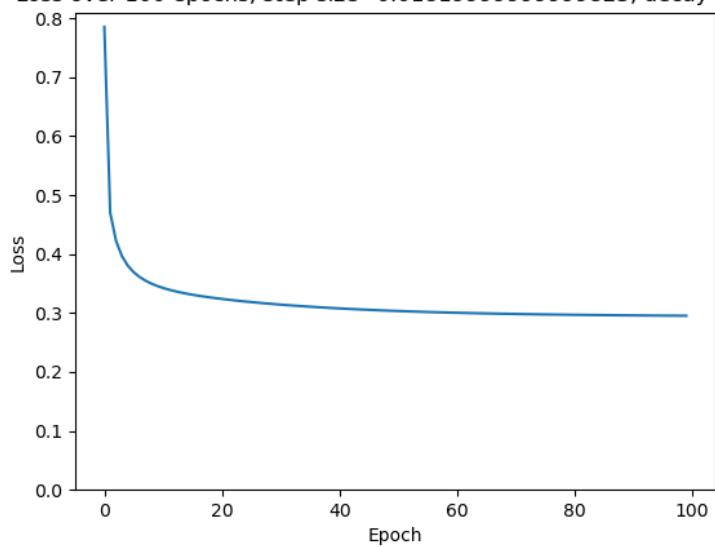
Loss over 100 epochs, step size=0.0182999999998234, decay=0.01



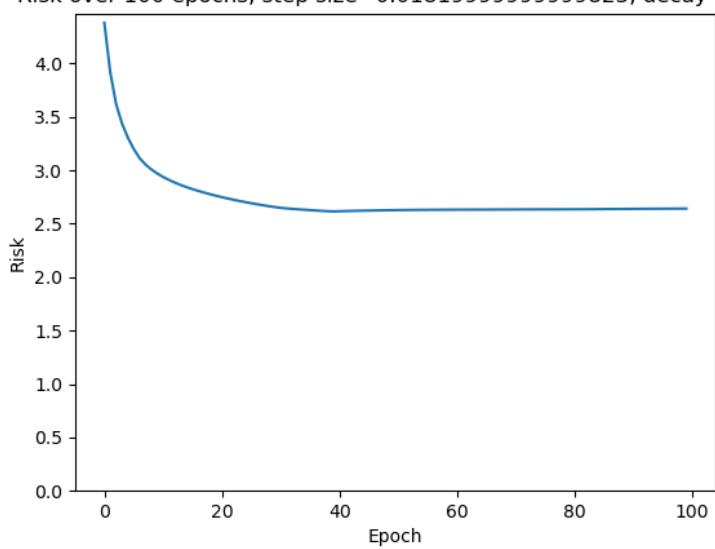
Risk over 100 epochs, step size=0.0182999999998234, decay=0.01



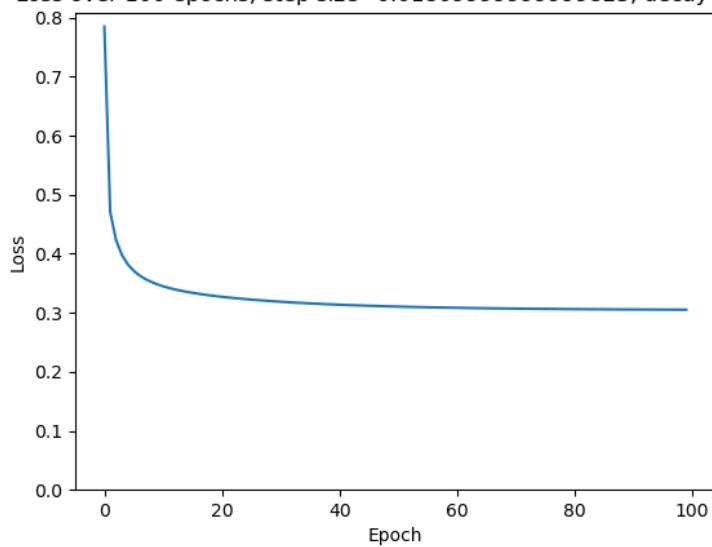
Loss over 100 epochs, step size=0.0181999999999823, decay=0.01



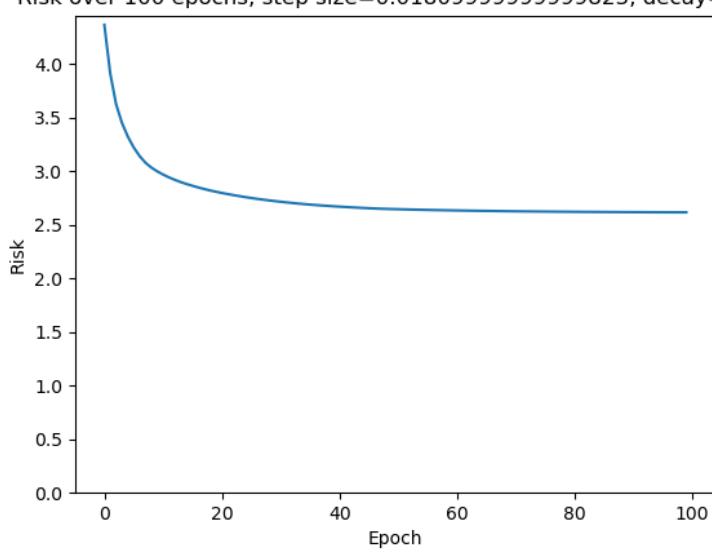
Risk over 100 epochs, step size=0.0181999999999823, decay=0.01

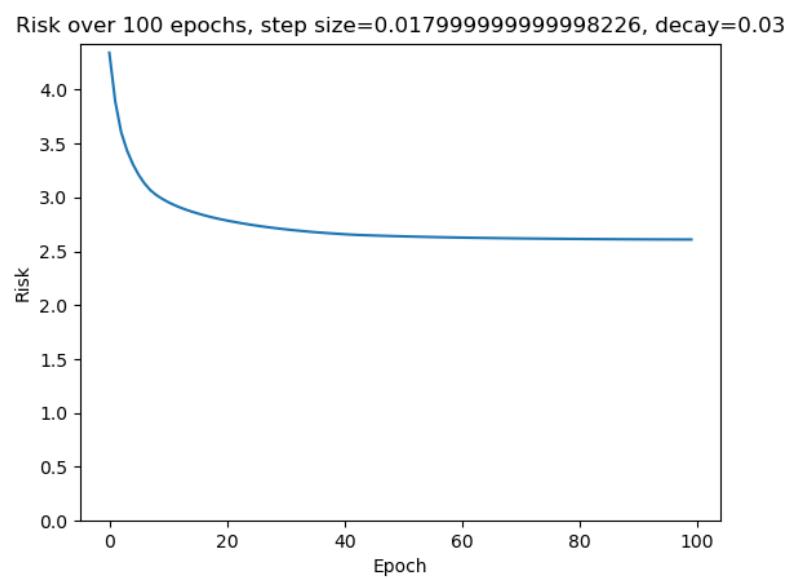
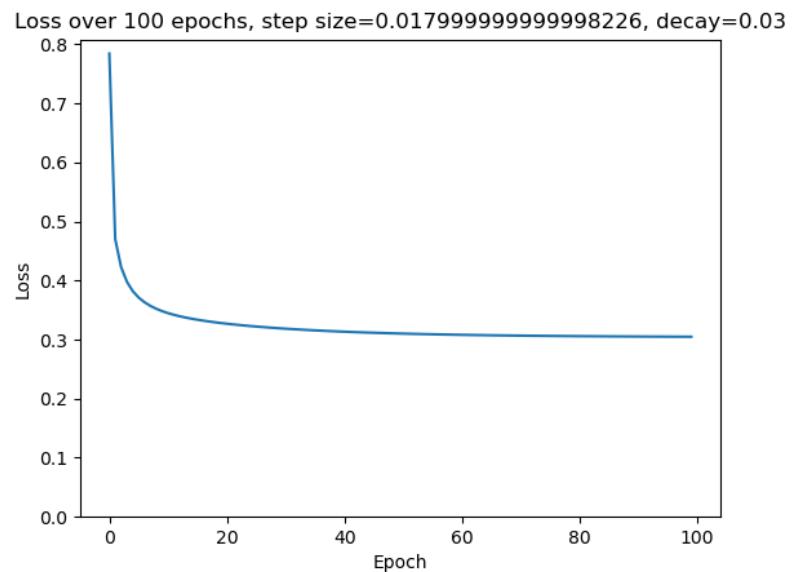


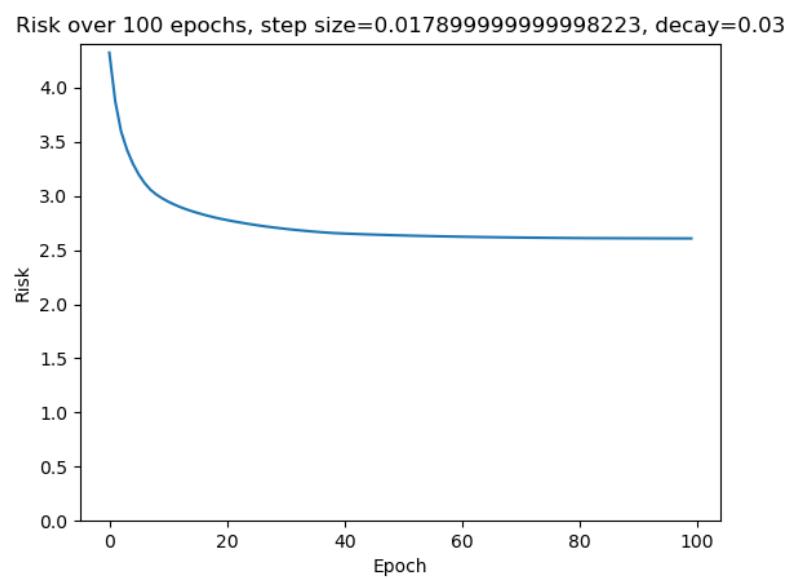
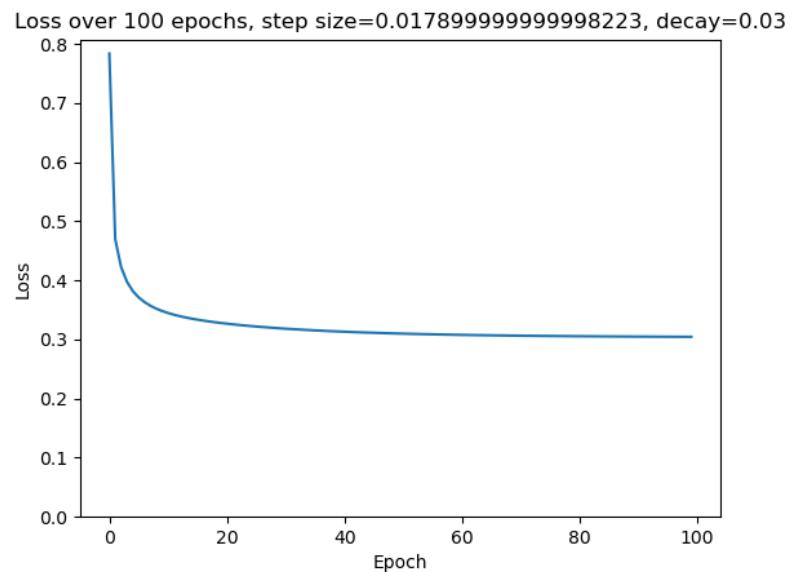
Loss over 100 epochs, step size=0.0180999999999823, decay=0.03



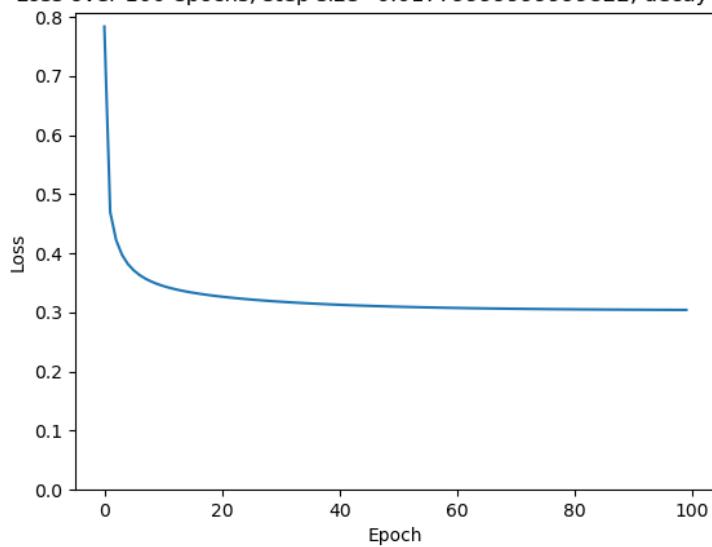
Risk over 100 epochs, step size=0.0180999999999823, decay=0.03



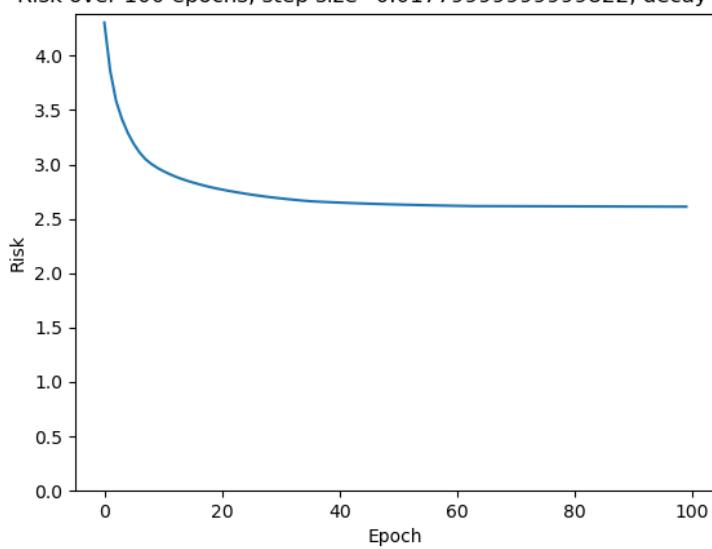


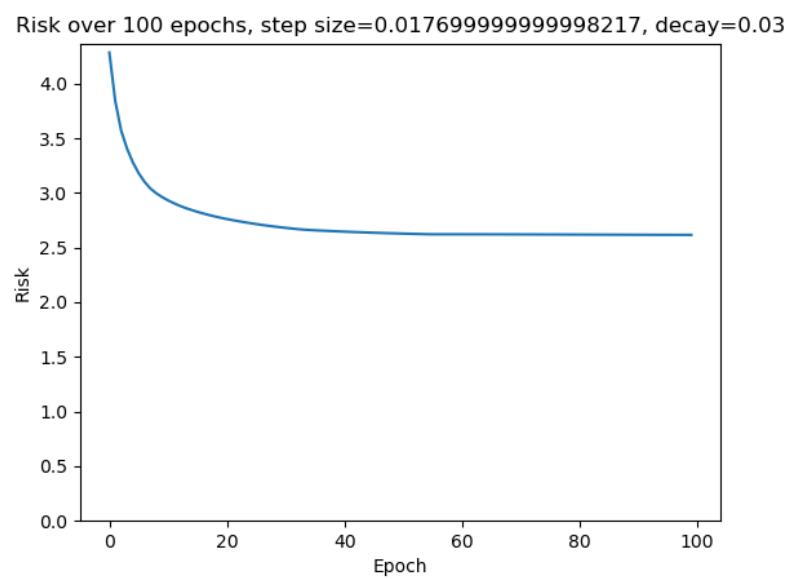
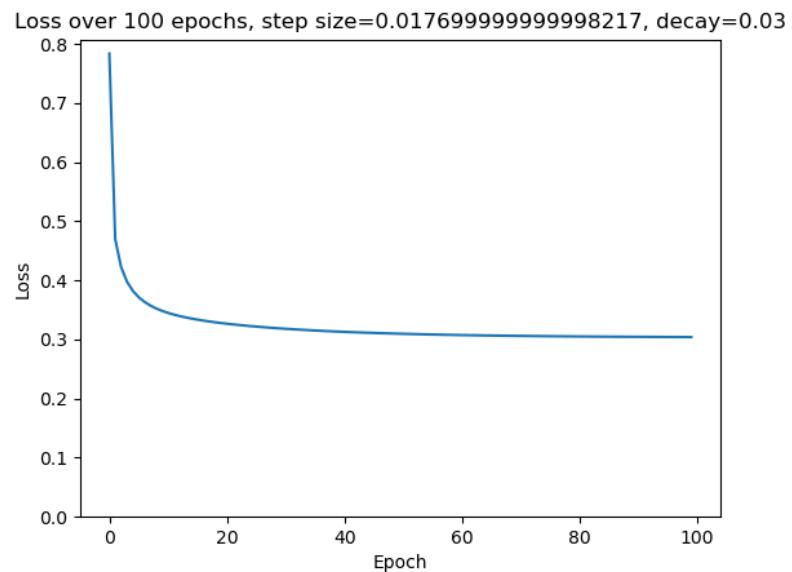


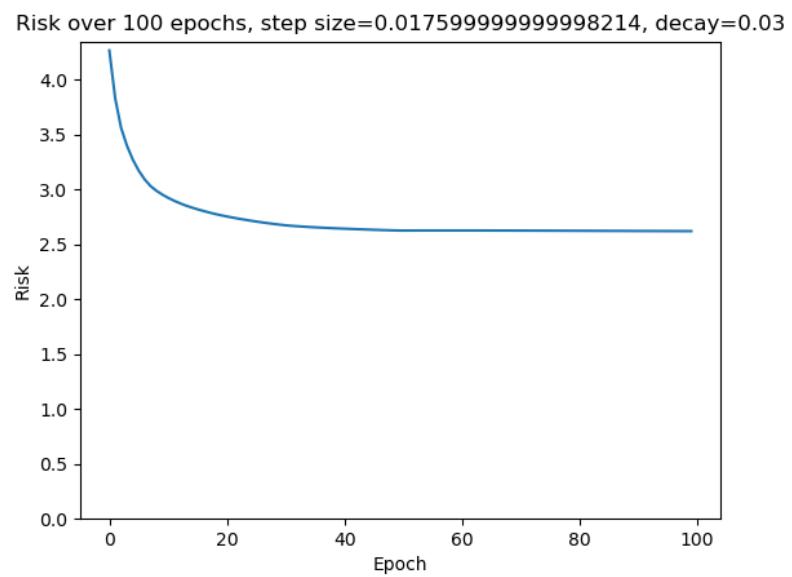
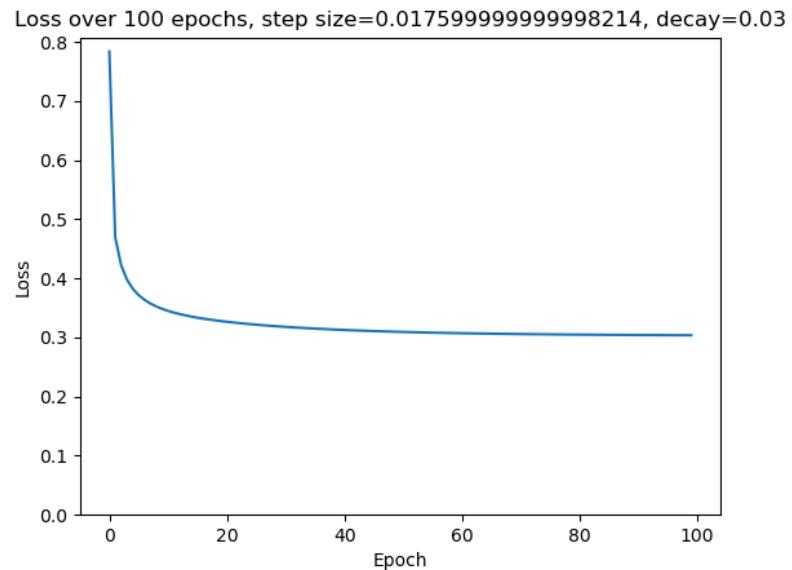
Loss over 100 epochs, step size=0.017799999999822, decay=0.03



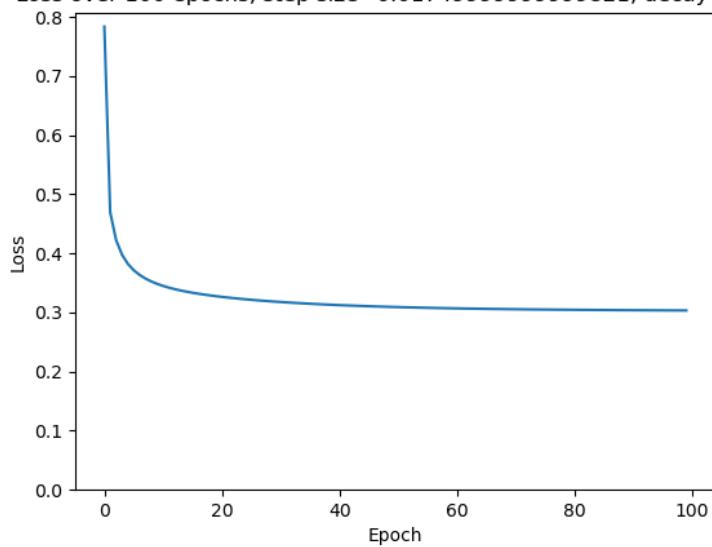
Risk over 100 epochs, step size=0.017799999999822, decay=0.03



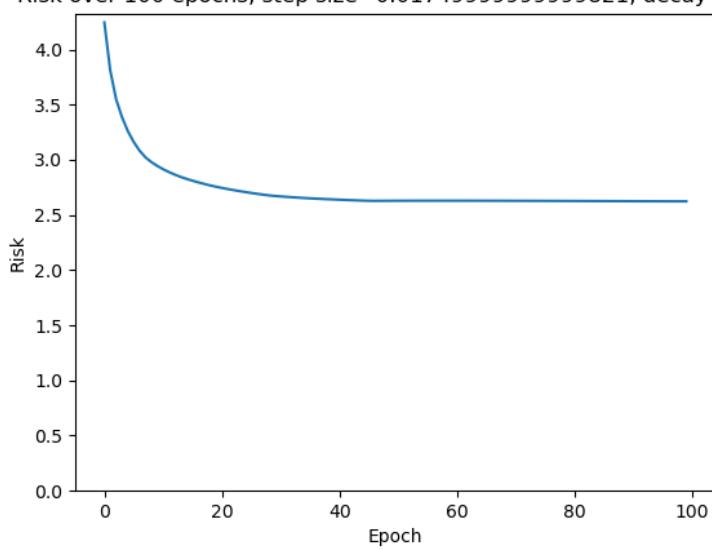




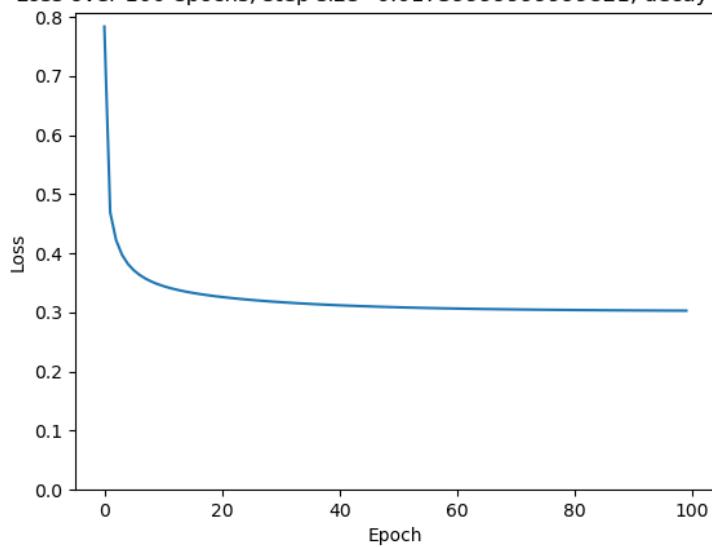
Loss over 100 epochs, step size=0.017499999999821, decay=0.03



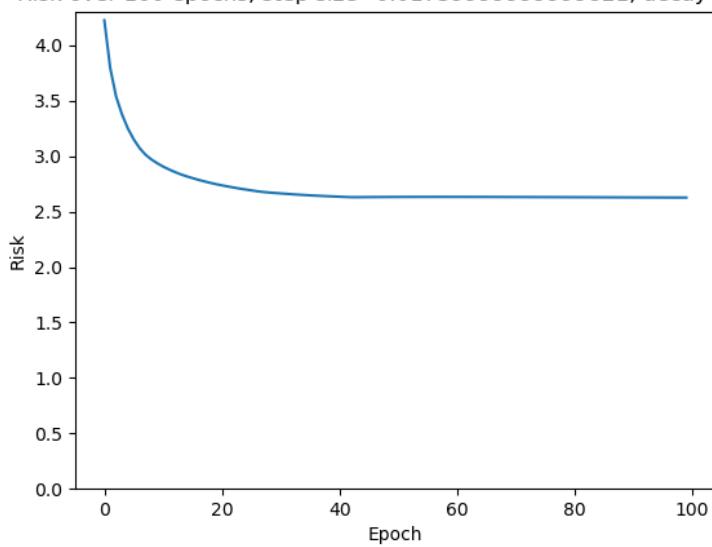
Risk over 100 epochs, step size=0.017499999999821, decay=0.03

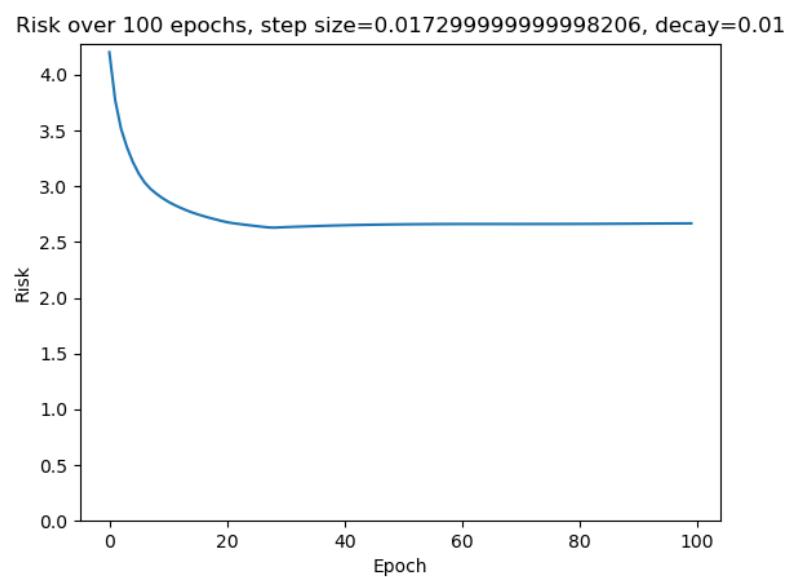
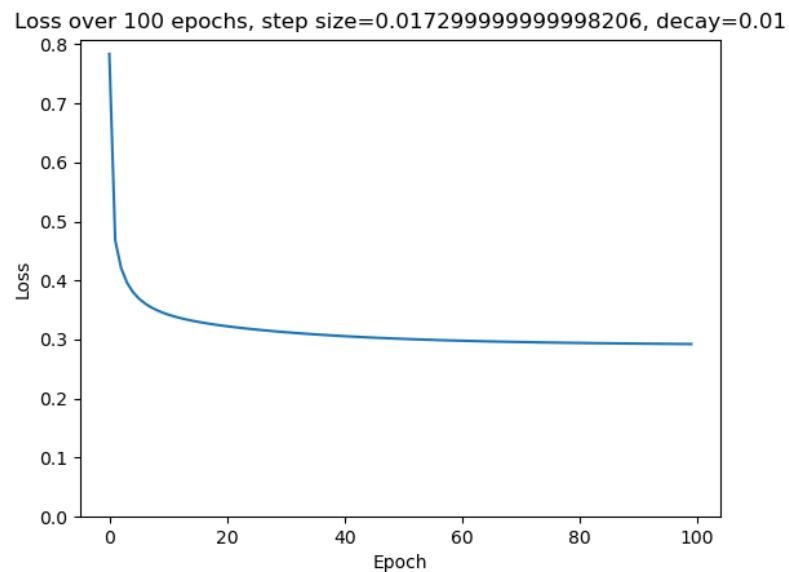


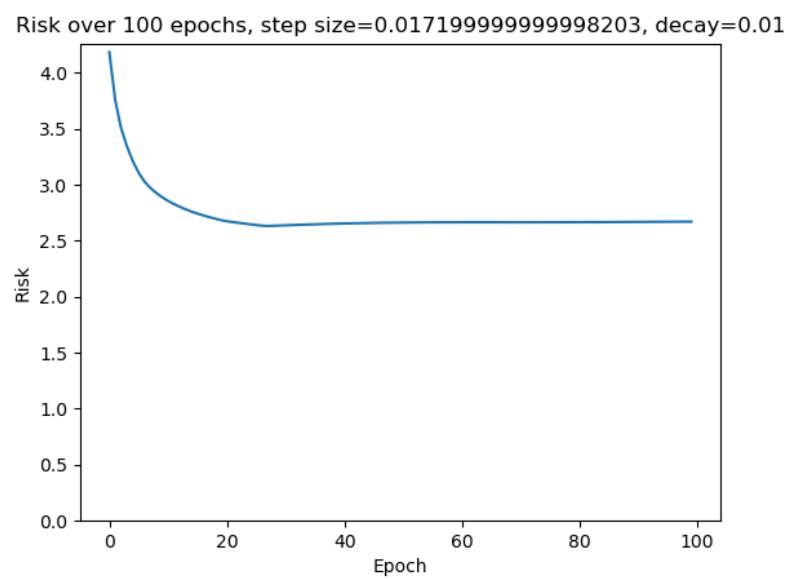
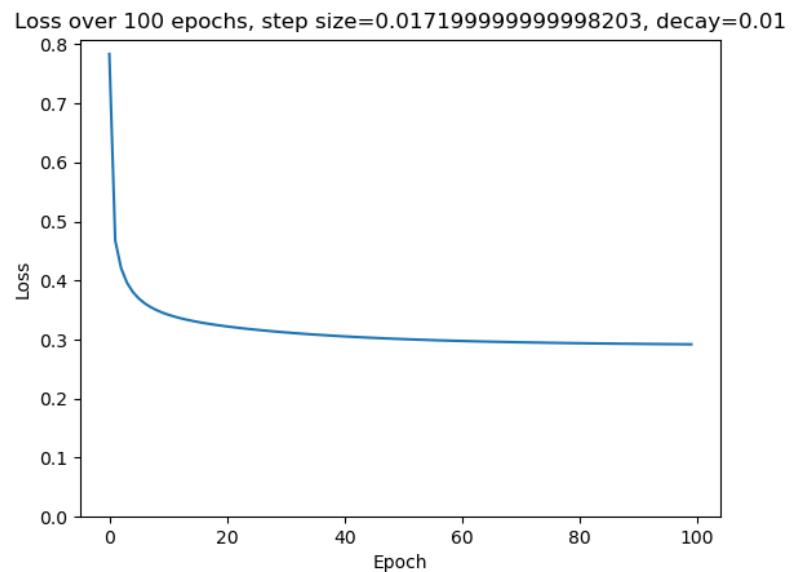
Loss over 100 epochs, step size=0.017399999999821, decay=0.03

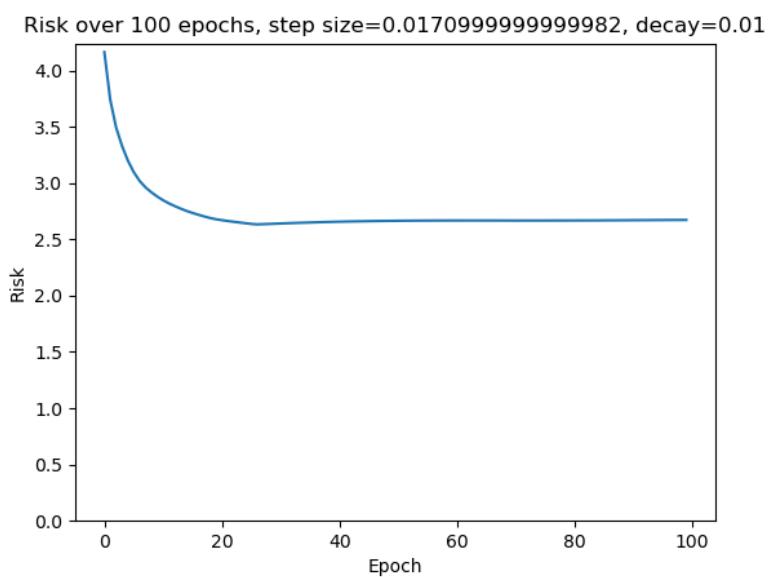
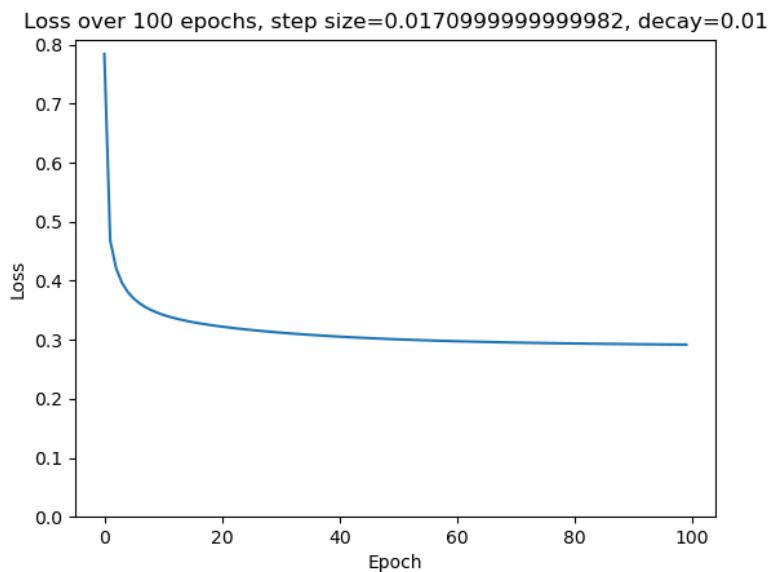


Risk over 100 epochs, step size=0.017399999999821, decay=0.03

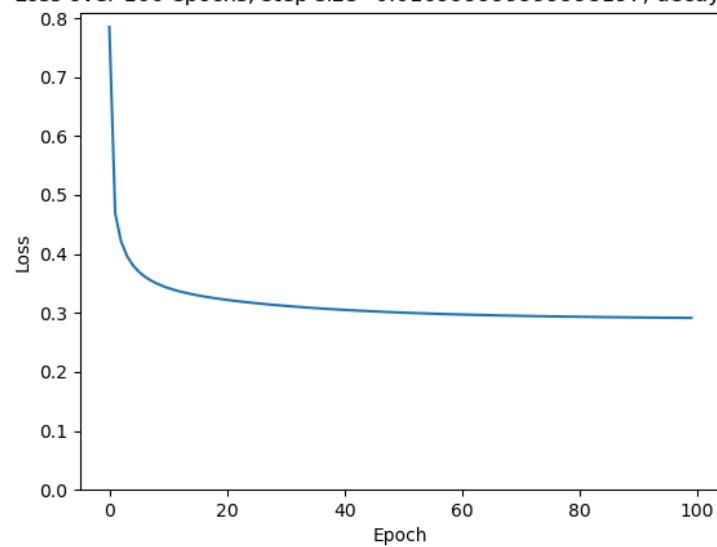




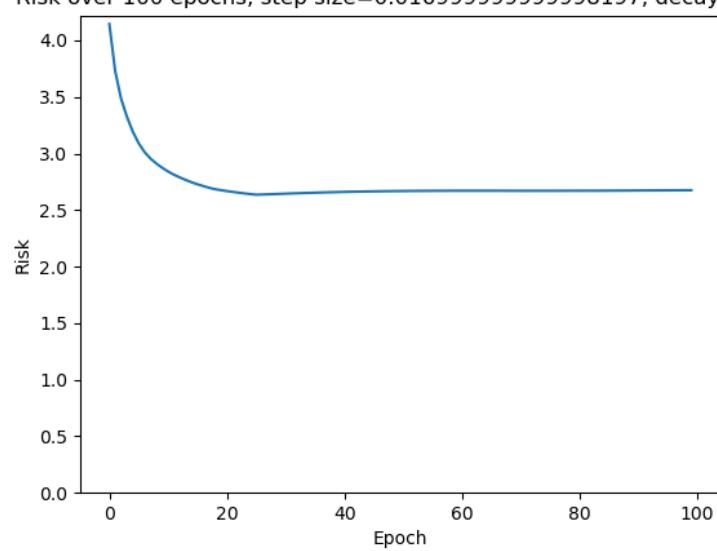


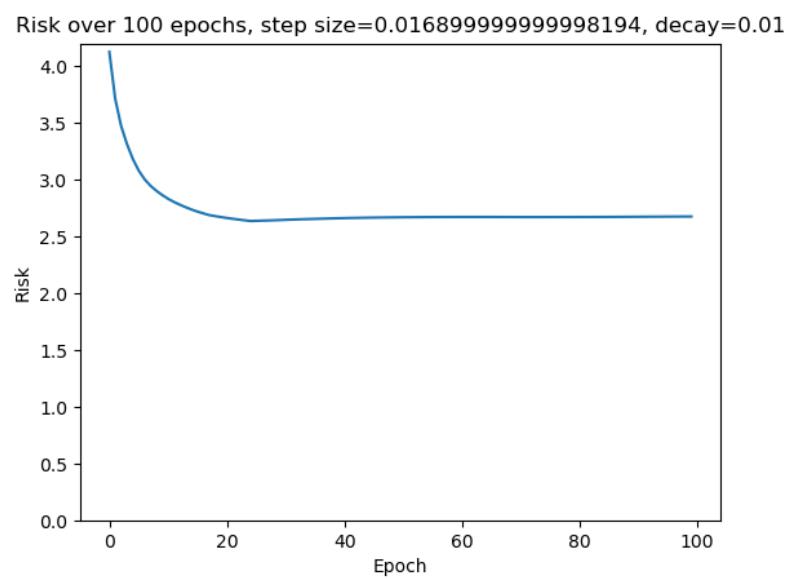
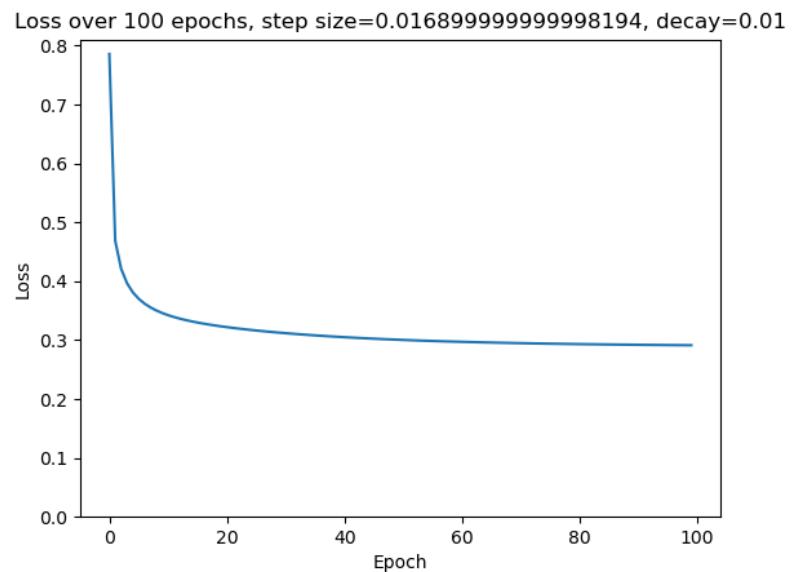


Loss over 100 epochs, step size=0.0169999999998197, decay=0.01

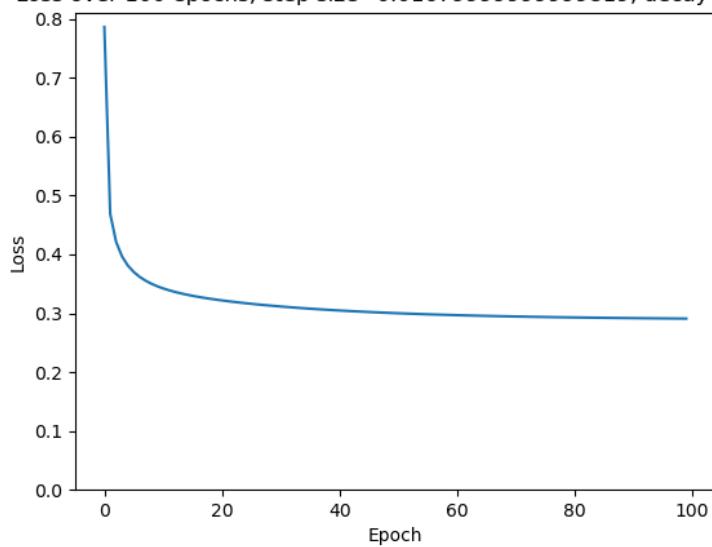


Risk over 100 epochs, step size=0.0169999999998197, decay=0.01

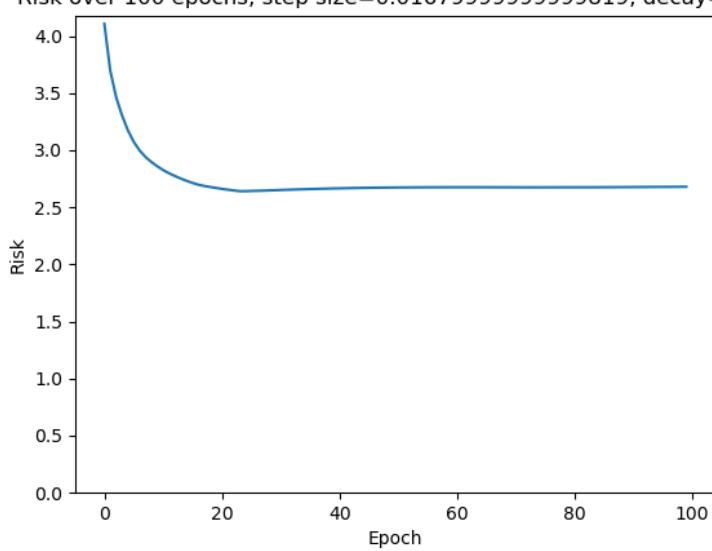




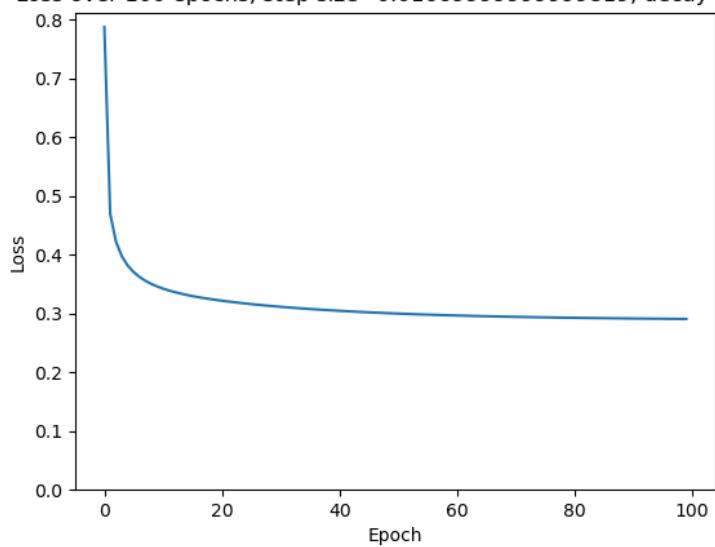
Loss over 100 epochs, step size=0.016799999999819, decay=0.01



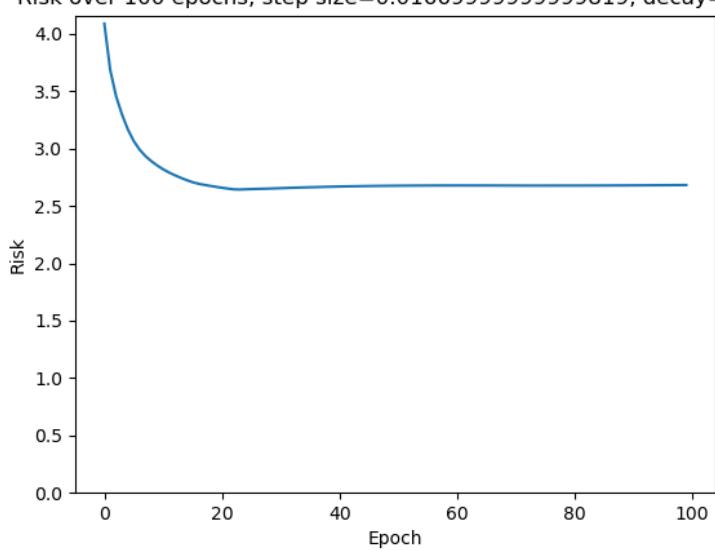
Risk over 100 epochs, step size=0.016799999999819, decay=0.01



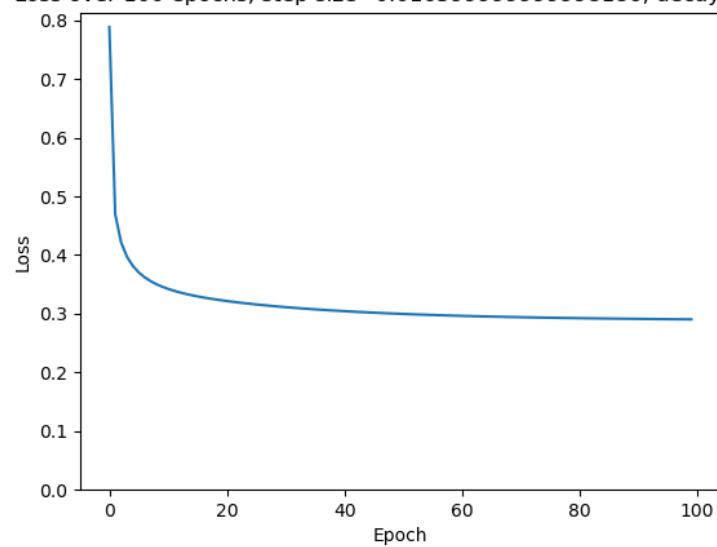
Loss over 100 epochs, step size=0.016699999999819, decay=0.01



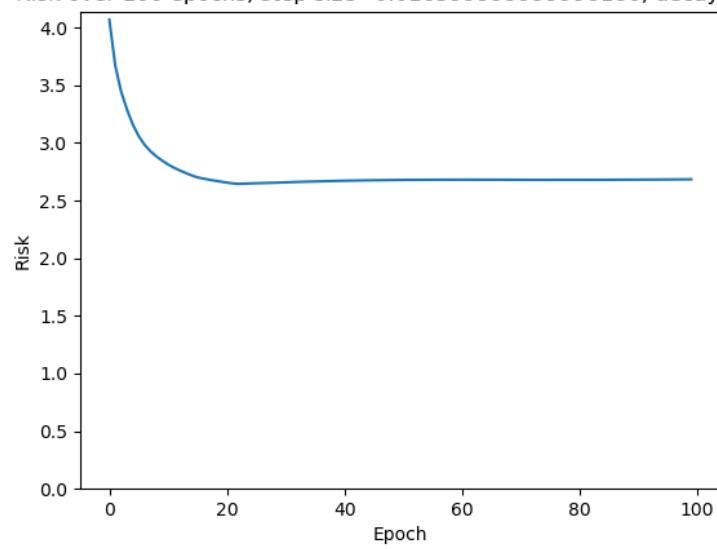
Risk over 100 epochs, step size=0.016699999999819, decay=0.01



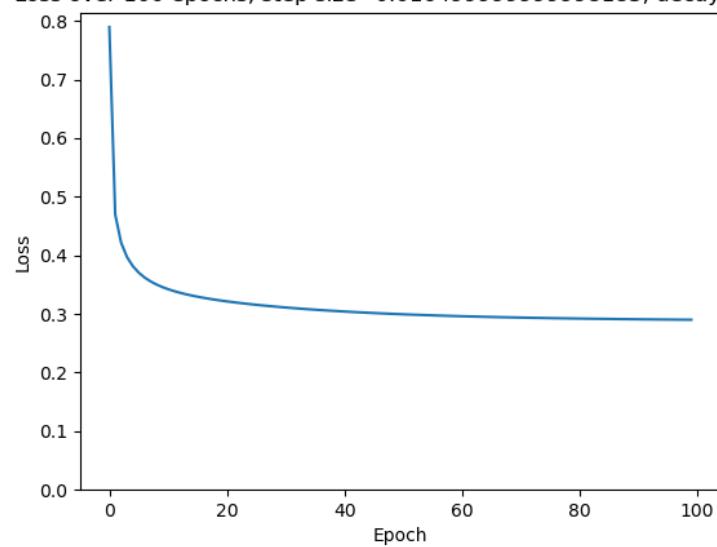
Loss over 100 epochs, step size=0.0165999999998186, decay=0.01



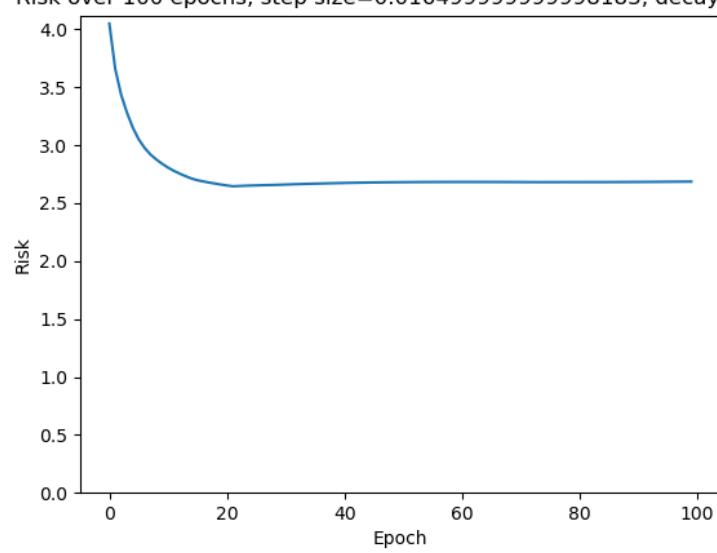
Risk over 100 epochs, step size=0.0165999999998186, decay=0.01



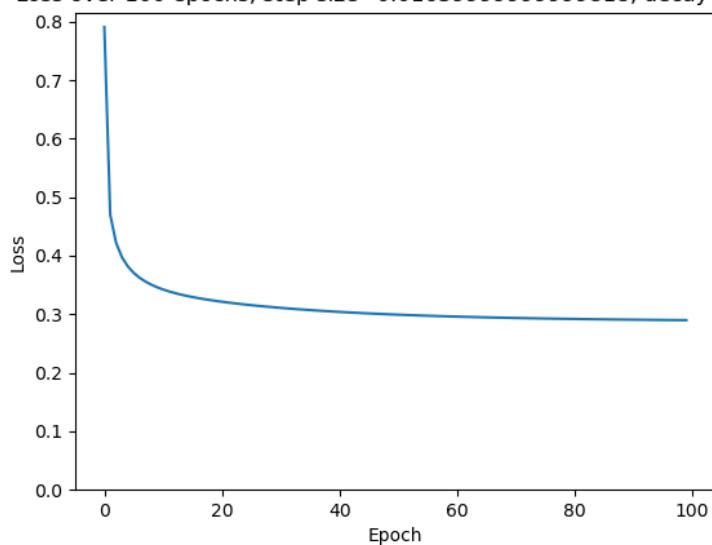
Loss over 100 epochs, step size=0.0164999999998183, decay=0.01



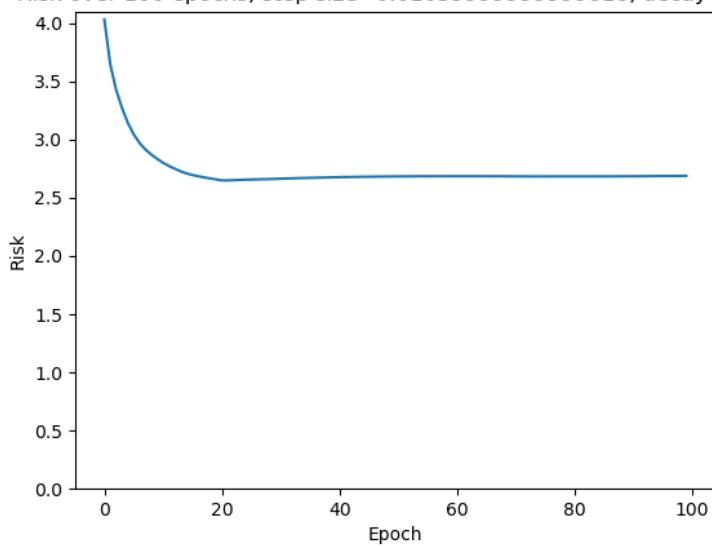
Risk over 100 epochs, step size=0.0164999999998183, decay=0.01



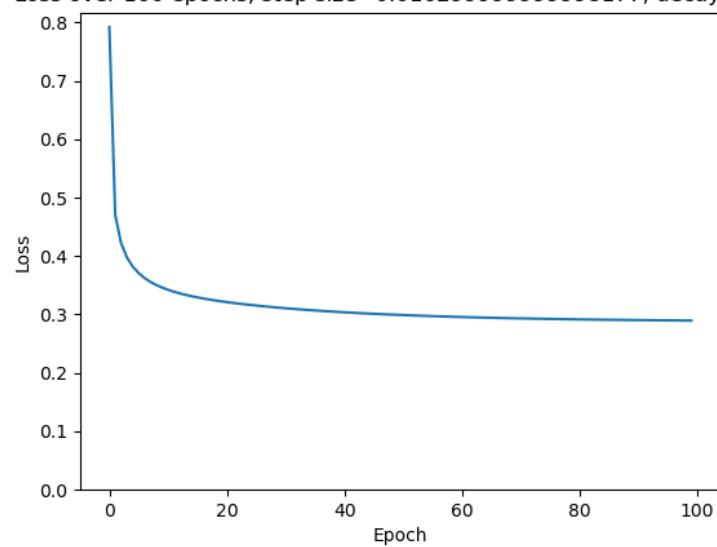
Loss over 100 epochs, step size=0.016399999999818, decay=0.01



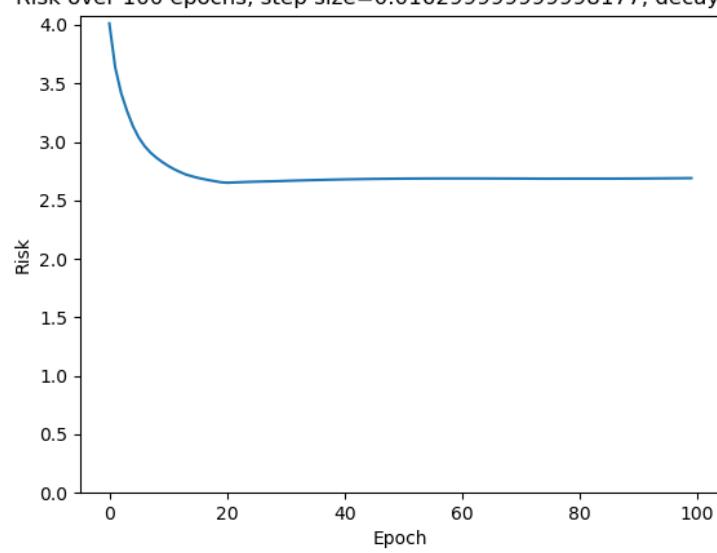
Risk over 100 epochs, step size=0.016399999999818, decay=0.01

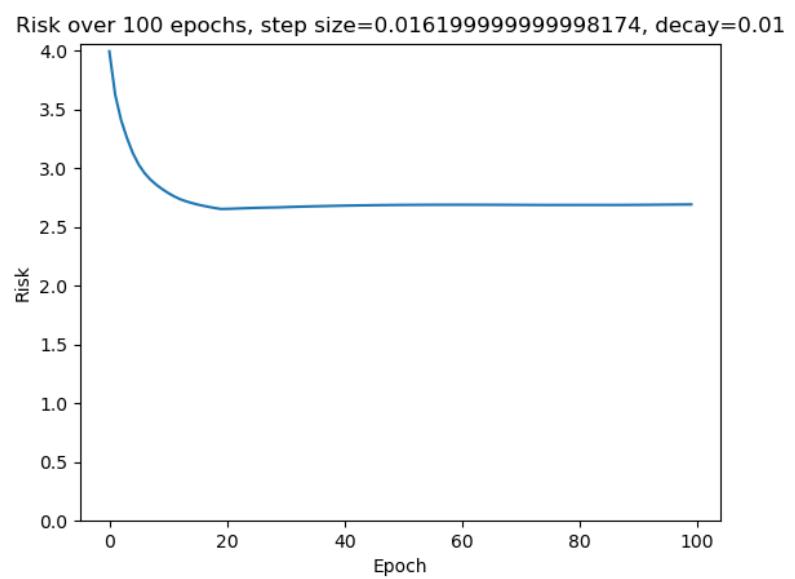
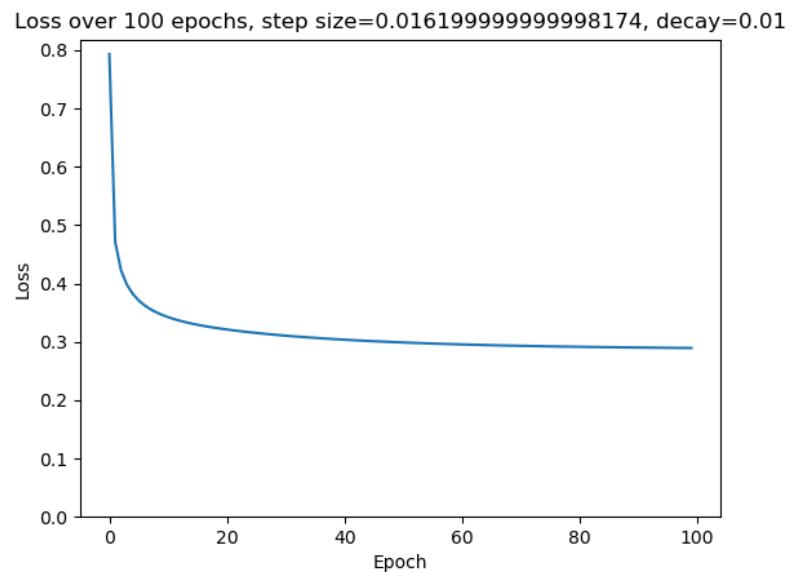


Loss over 100 epochs, step size=0.0162999999998177, decay=0.01

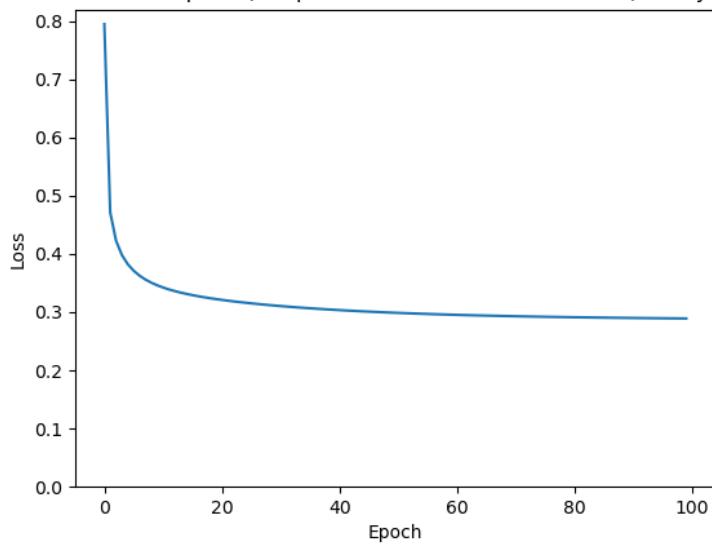


Risk over 100 epochs, step size=0.0162999999998177, decay=0.01

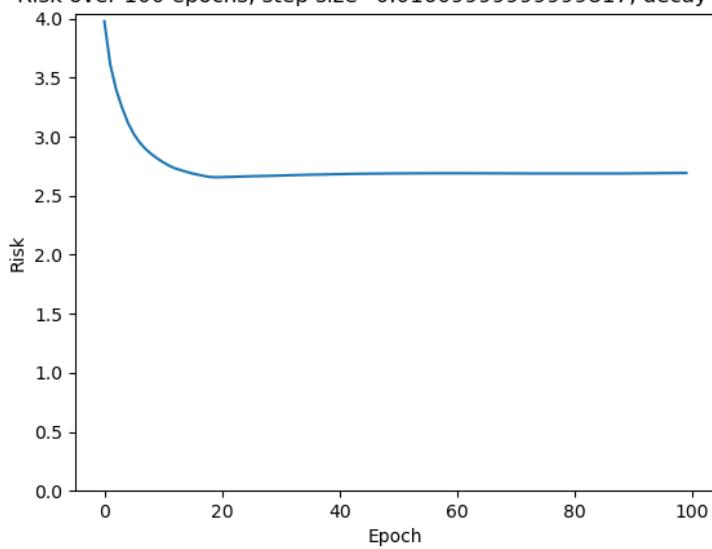




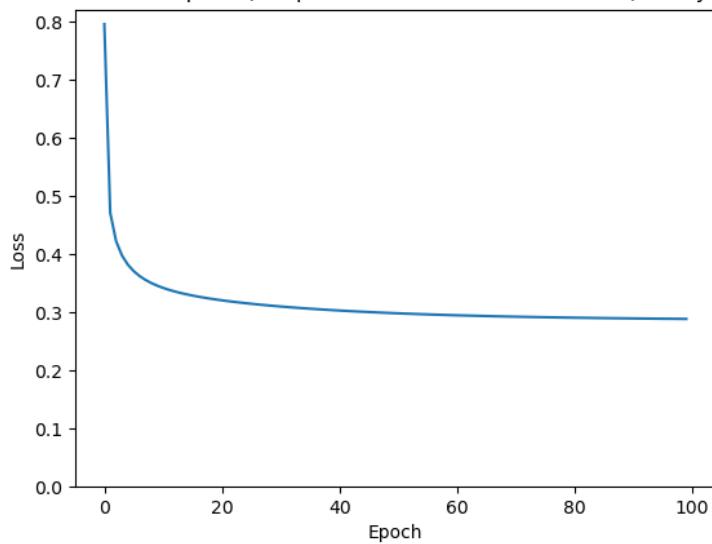
Loss over 100 epochs, step size=0.016099999999817, decay=0.01



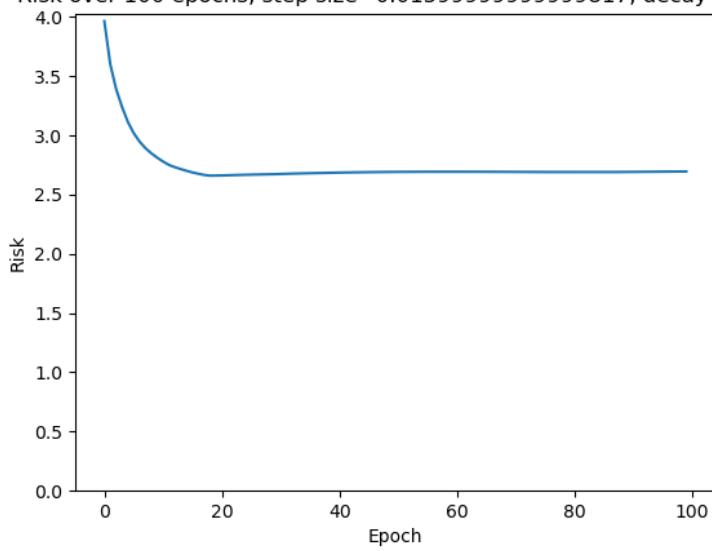
Risk over 100 epochs, step size=0.016099999999817, decay=0.01



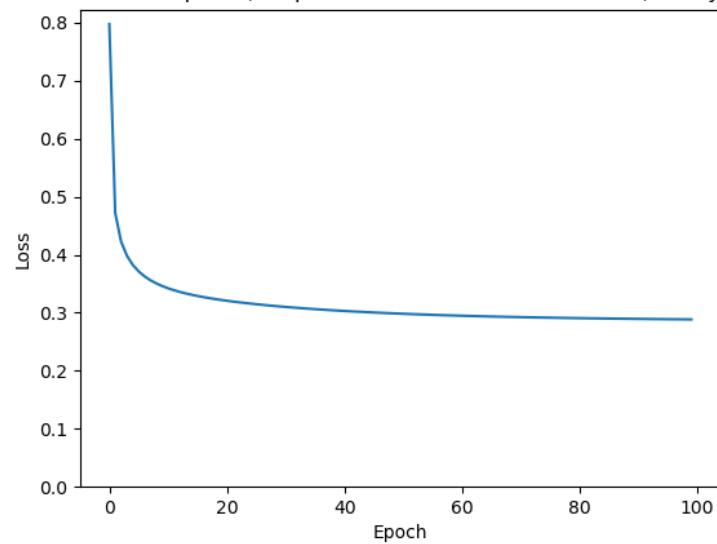
Loss over 100 epochs, step size=0.015999999999817, decay=0.01



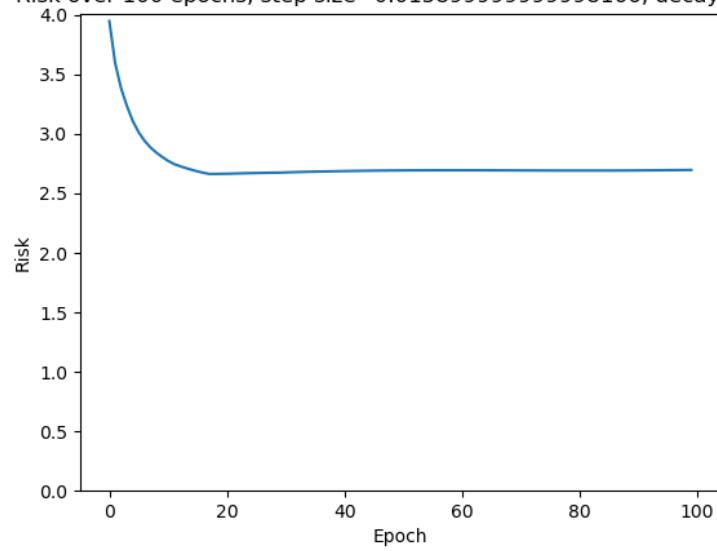
Risk over 100 epochs, step size=0.015999999999817, decay=0.01



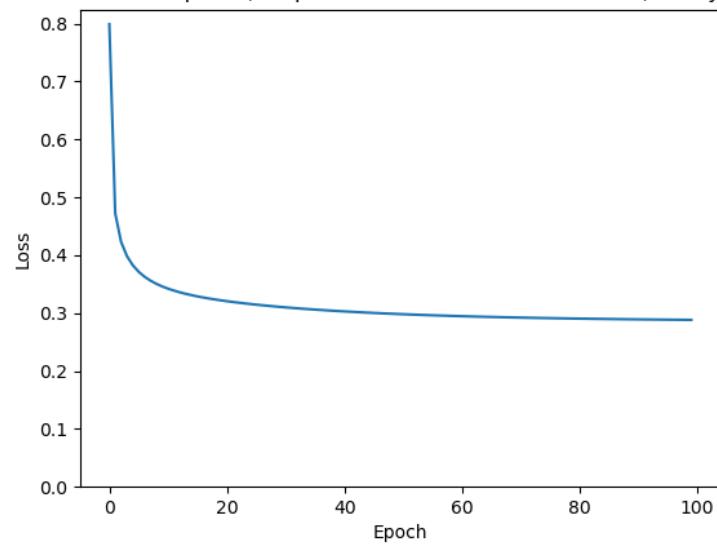
Loss over 100 epochs, step size=0.01589999999998166, decay=0.01



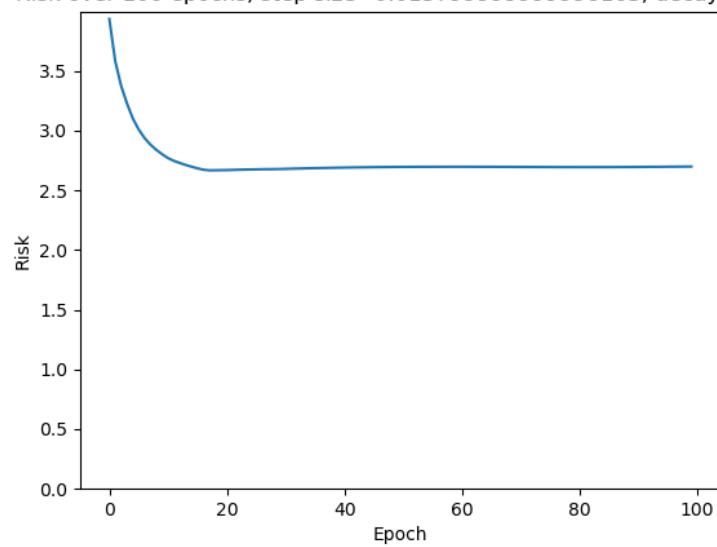
Risk over 100 epochs, step size=0.01589999999998166, decay=0.01



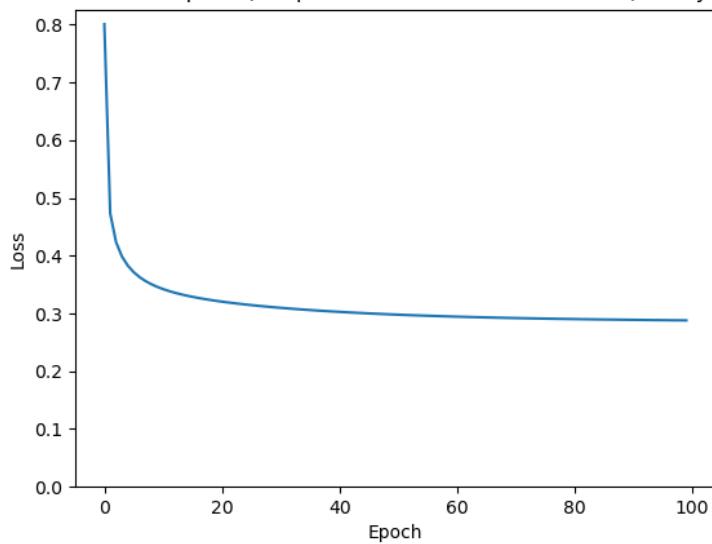
Loss over 100 epochs, step size=0.0157999999998163, decay=0.01



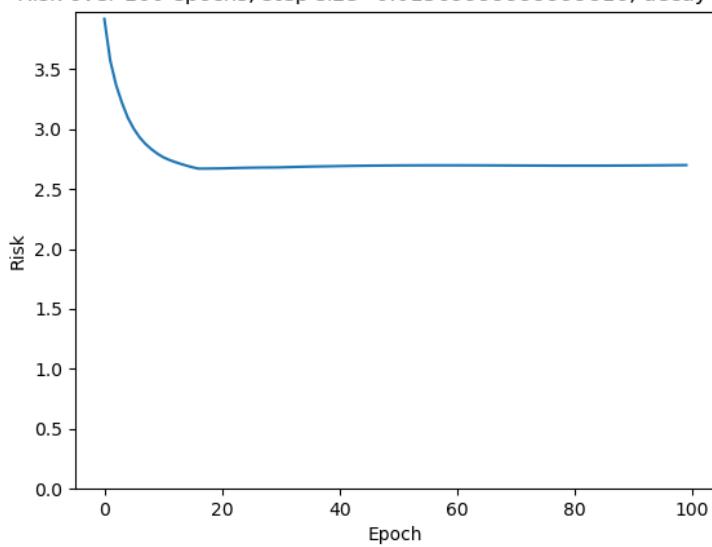
Risk over 100 epochs, step size=0.0157999999998163, decay=0.01



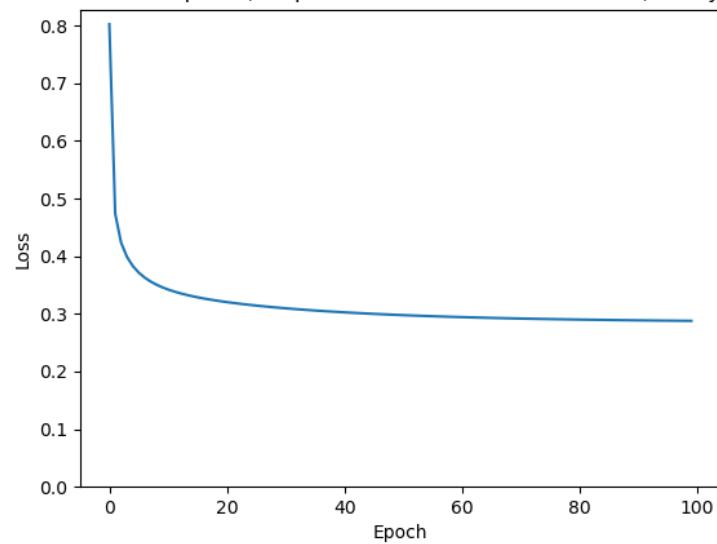
Loss over 100 epochs, step size=0.015699999999816, decay=0.01



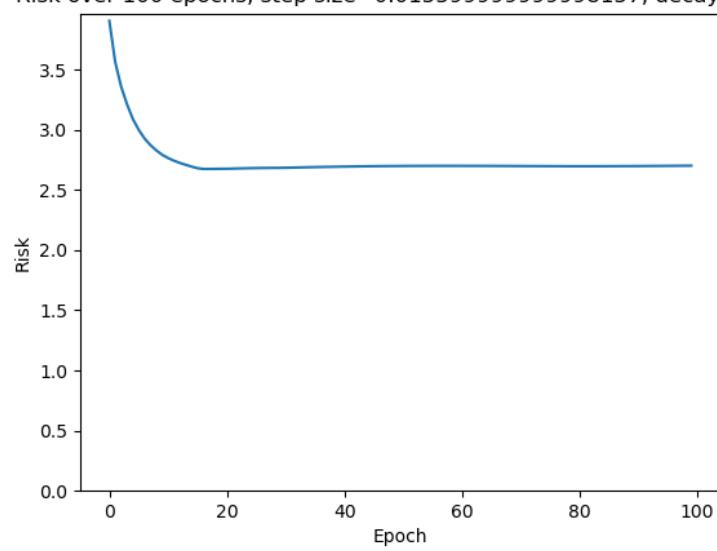
Risk over 100 epochs, step size=0.015699999999816, decay=0.01



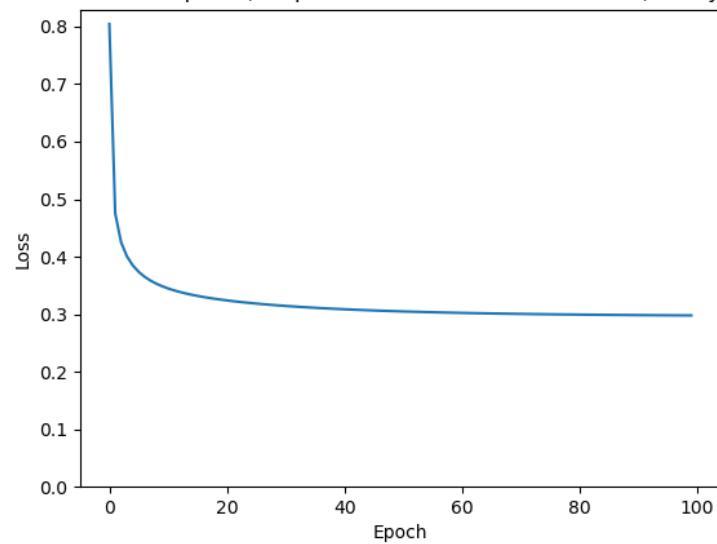
Loss over 100 epochs, step size=0.0155999999998157, decay=0.01



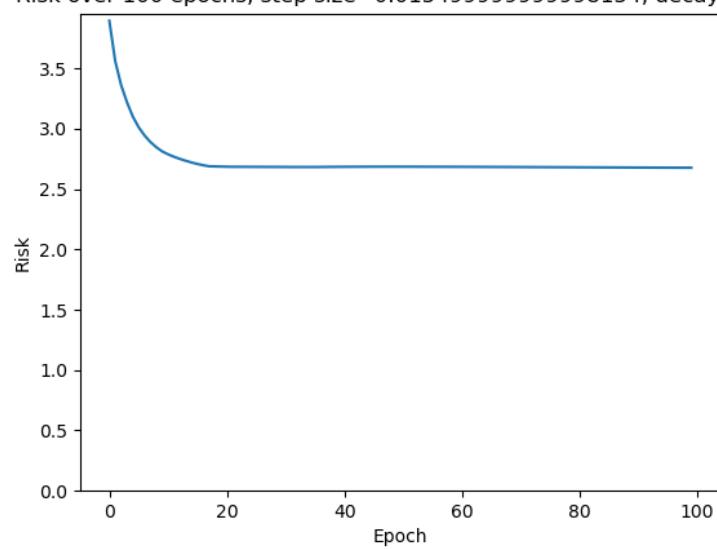
Risk over 100 epochs, step size=0.0155999999998157, decay=0.01



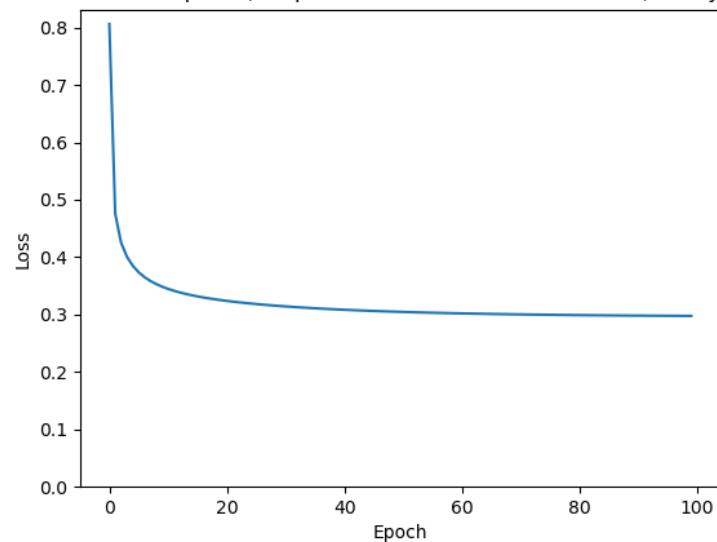
Loss over 100 epochs, step size=0.0154999999998154, decay=0.03



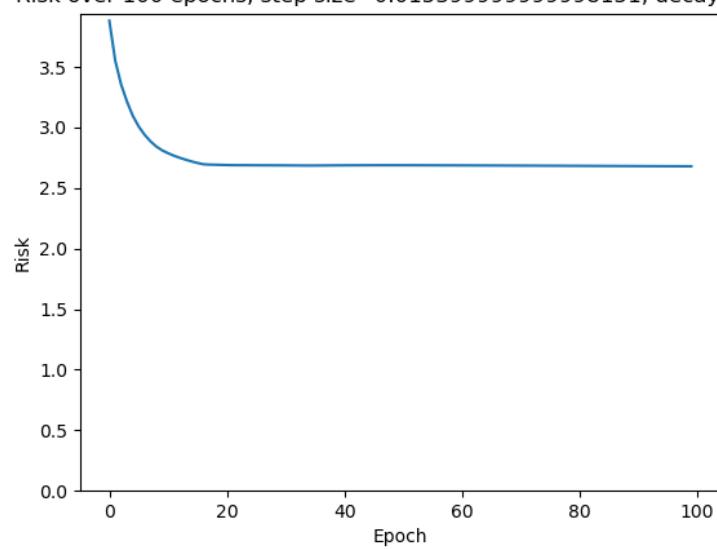
Risk over 100 epochs, step size=0.0154999999998154, decay=0.03



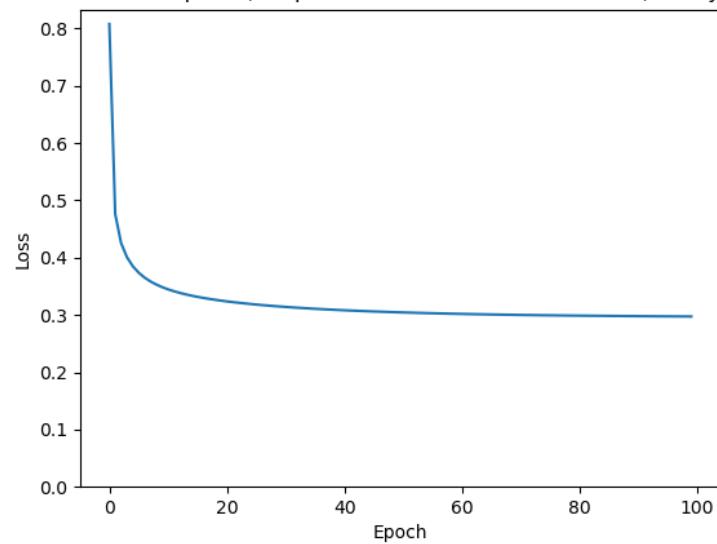
Loss over 100 epochs, step size=0.0153999999998151, decay=0.03



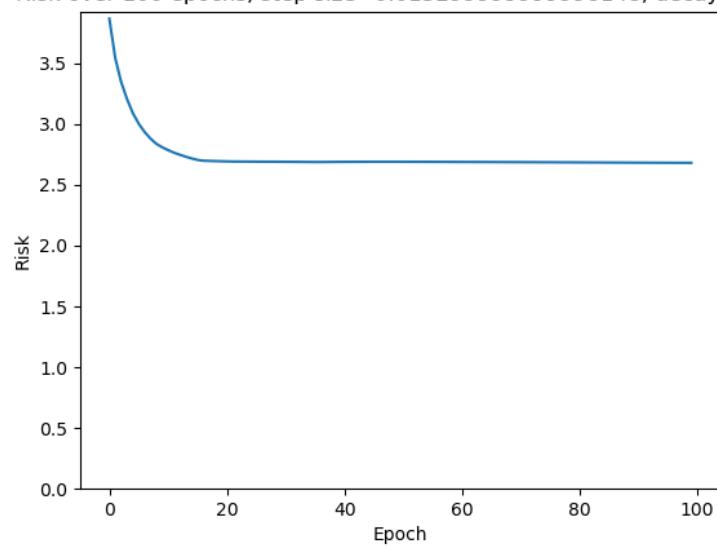
Risk over 100 epochs, step size=0.0153999999998151, decay=0.03



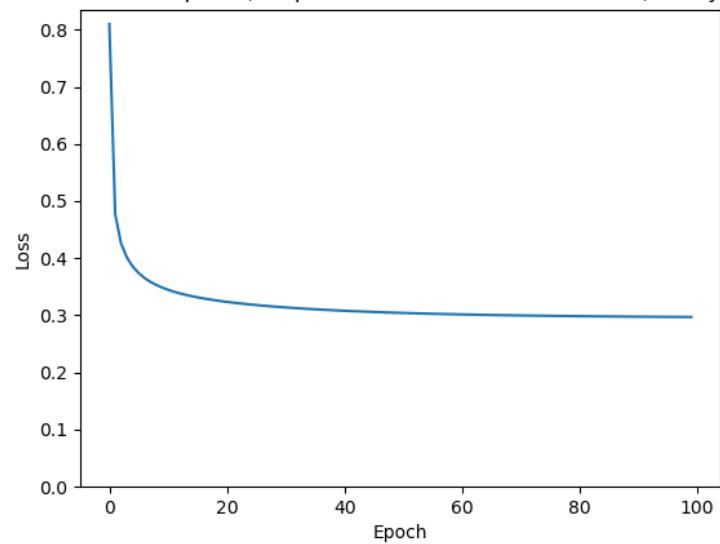
Loss over 100 epochs, step size=0.01529999999998148, decay=0.03



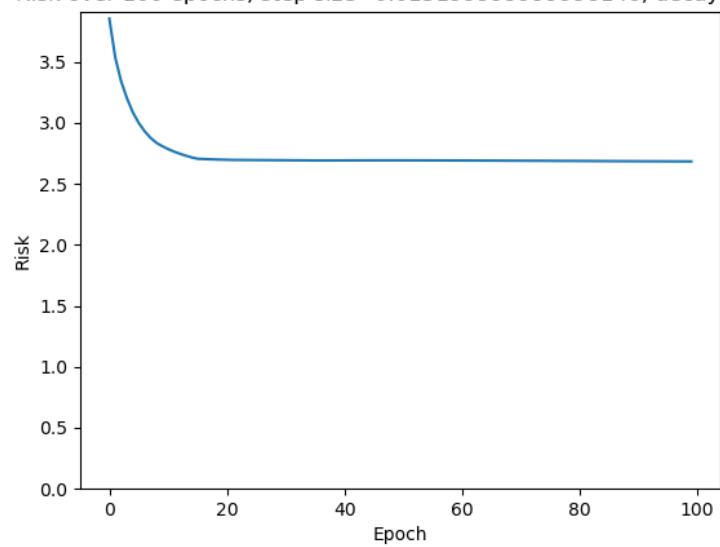
Risk over 100 epochs, step size=0.01529999999998148, decay=0.03



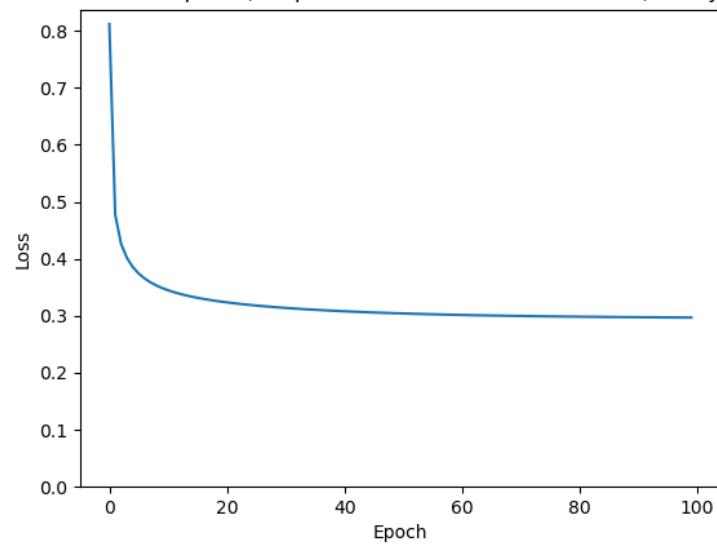
Loss over 100 epochs, step size=0.01519999999998146, decay=0.03



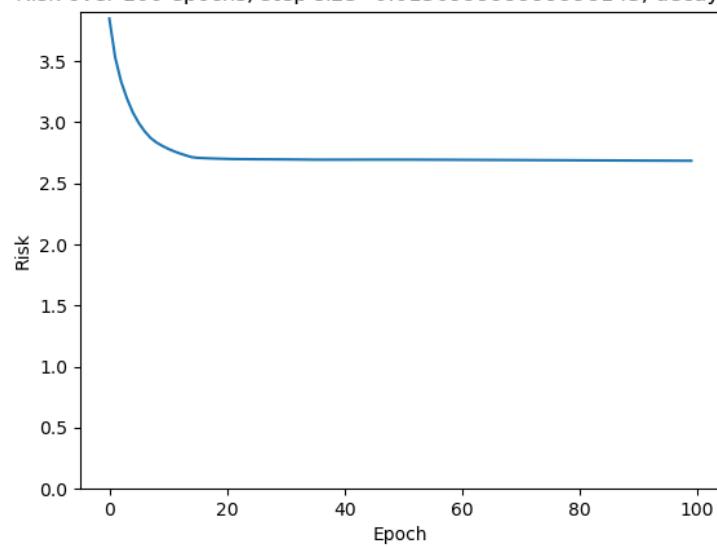
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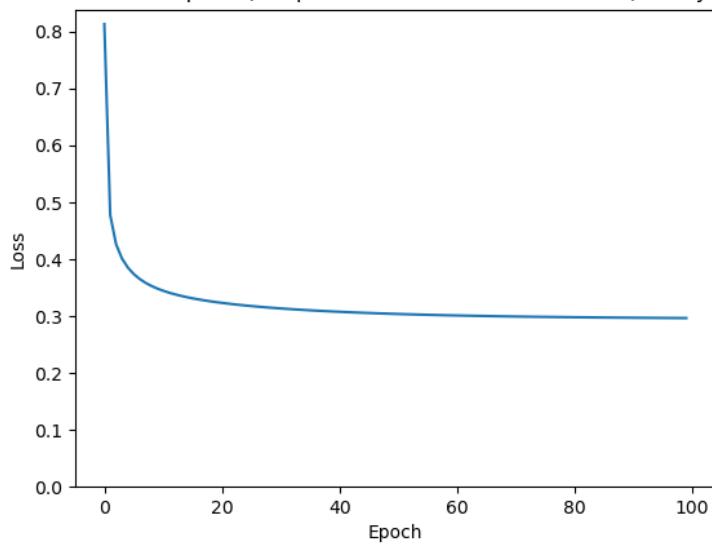
Loss over 100 epochs, step size=0.01509999999998143, decay=0.03



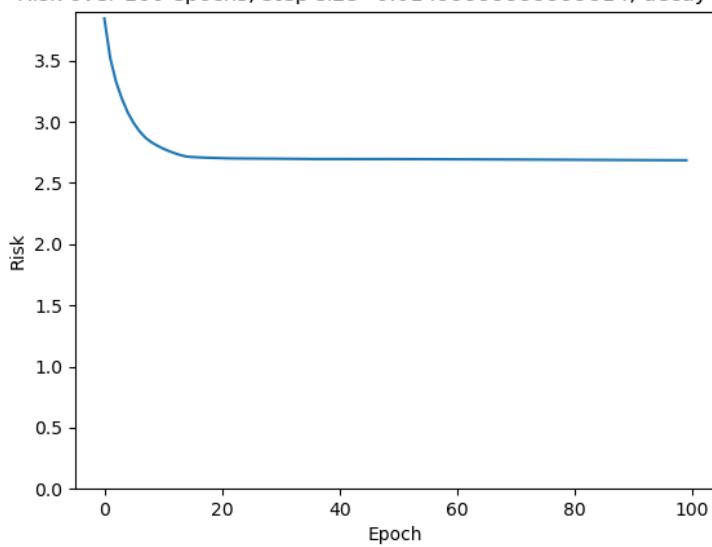
Risk over 100 epochs, step size=0.01509999999998143, decay=0.03



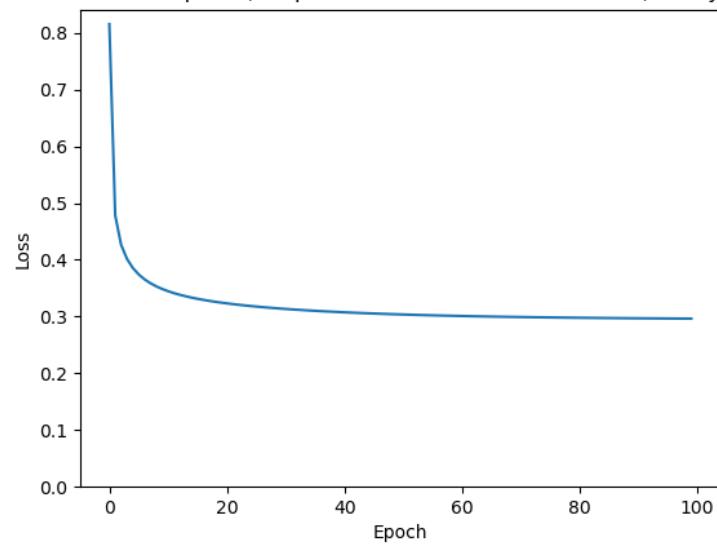
Loss over 100 epochs, step size=0.014999999999814, decay=0.03



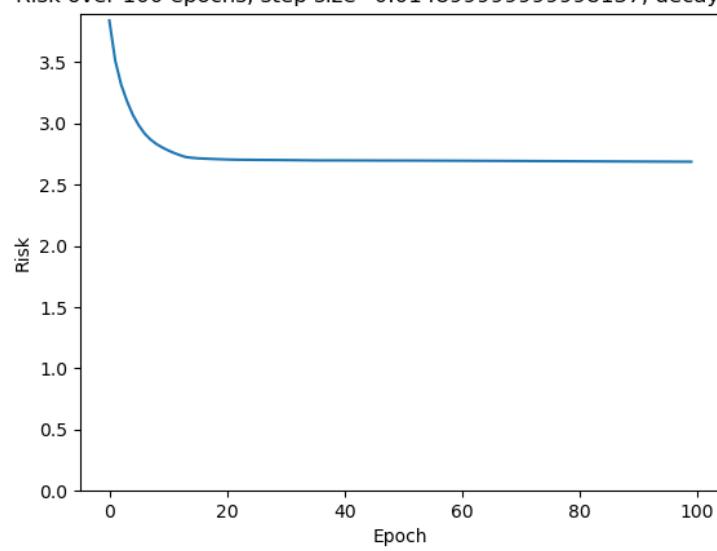
Risk over 100 epochs, step size=0.014999999999814, decay=0.03



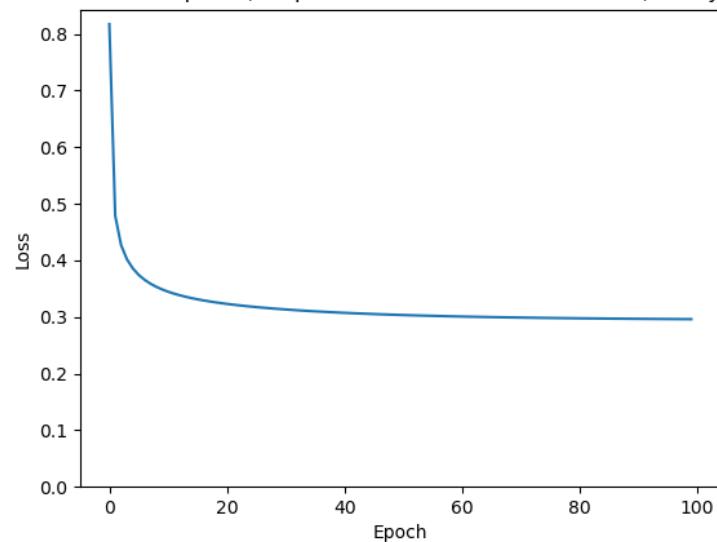
Loss over 100 epochs, step size=0.0148999999998137, decay=0.03



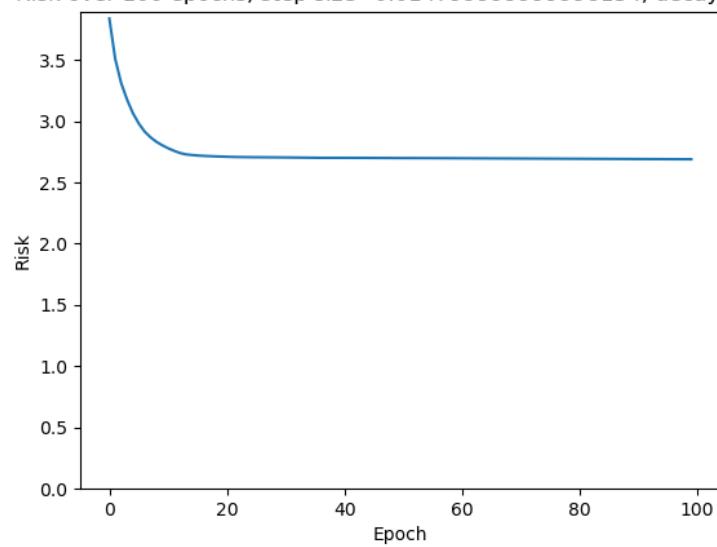
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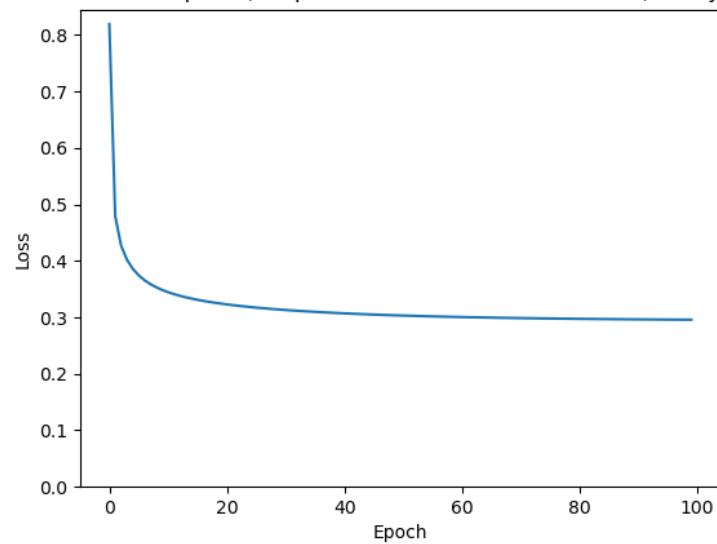
Loss over 100 epochs, step size=0.0147999999998134, decay=0.03



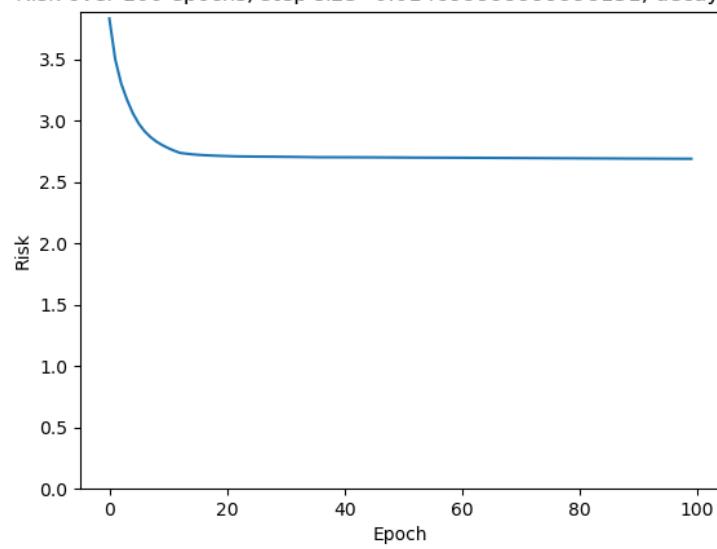
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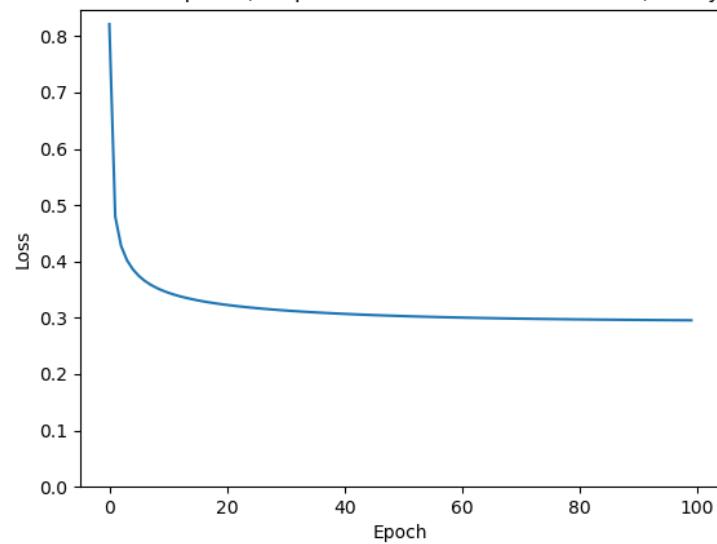
Loss over 100 epochs, step size=0.0146999999998131, decay=0.03



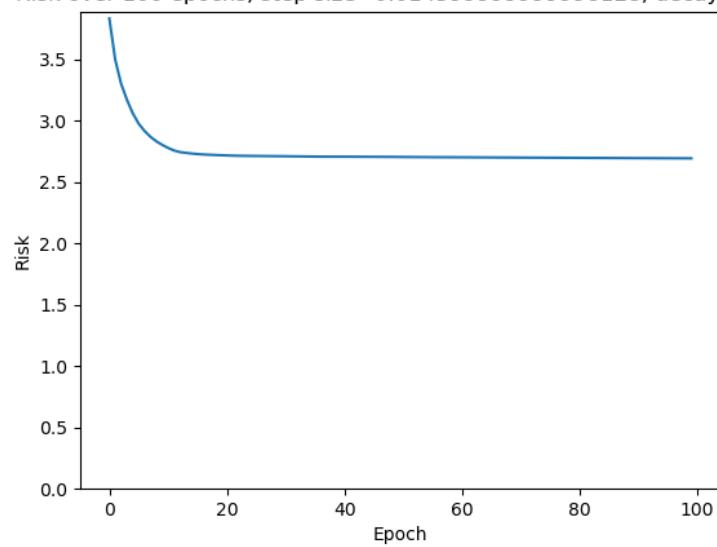
Risk over 100 epochs, step size=0.0146999999998131, decay=0.03



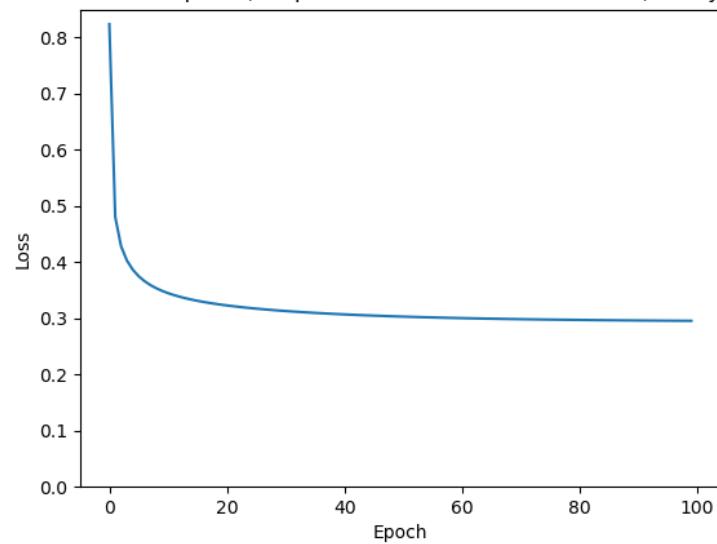
Loss over 100 epochs, step size=0.0145999999998128, decay=0.03



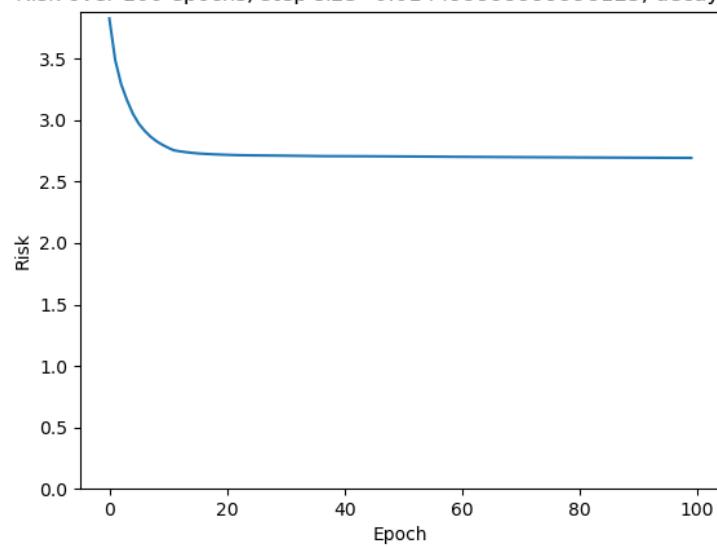
Risk over 100 epochs, step size=0.0145999999998128, decay=0.03



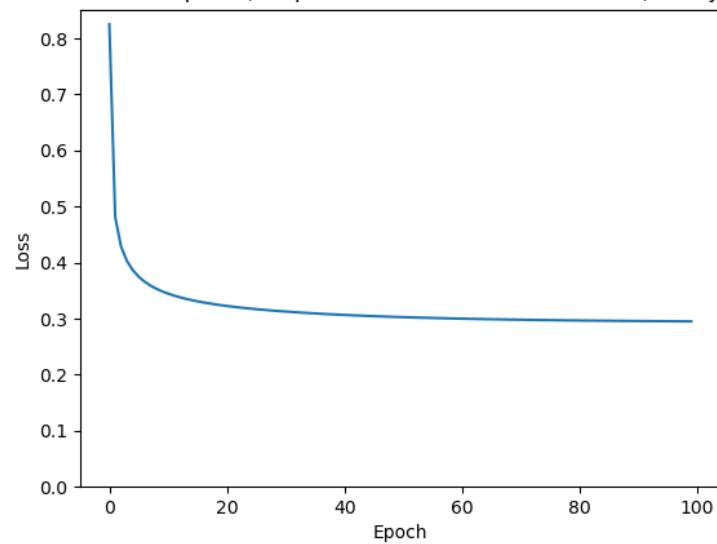
Loss over 100 epochs, step size=0.0144999999998125, decay=0.03



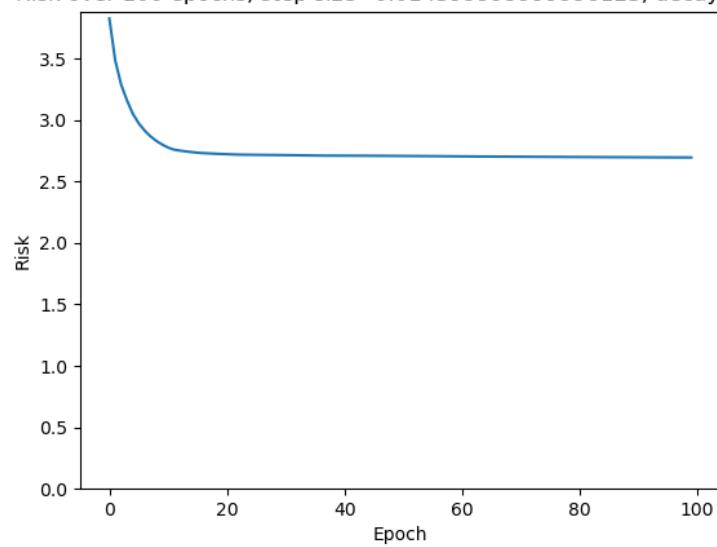
Risk over 100 epochs, step size=0.0144999999998125, decay=0.03



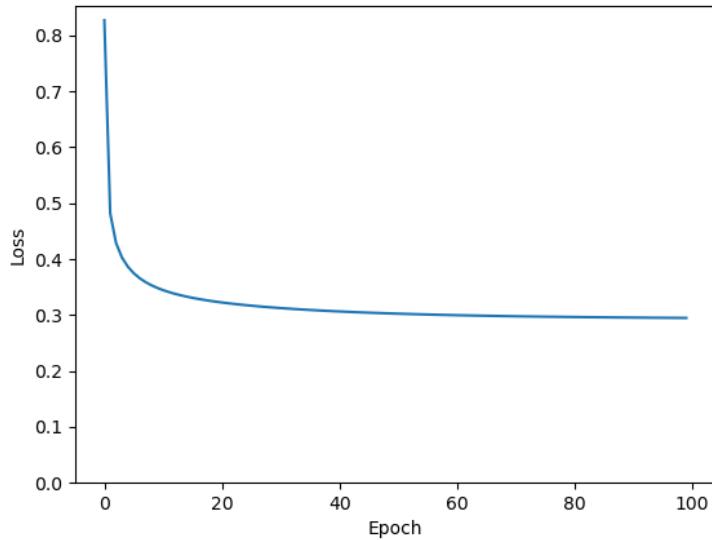
Loss over 100 epochs, step size=0.0143999999998123, decay=0.03



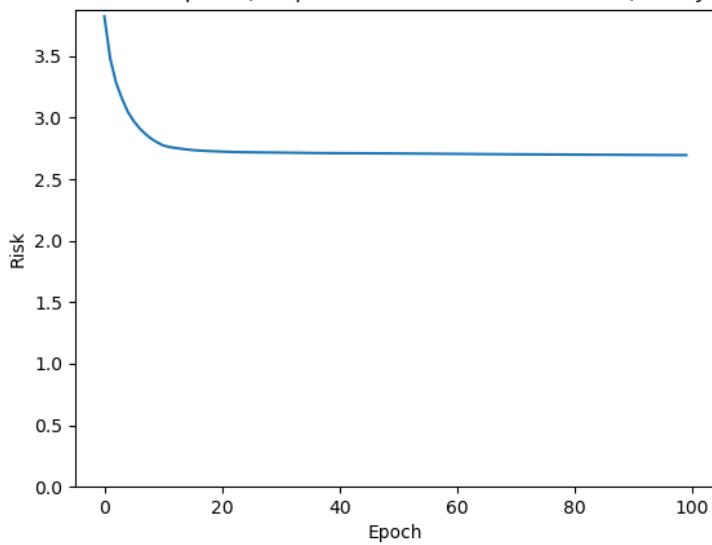
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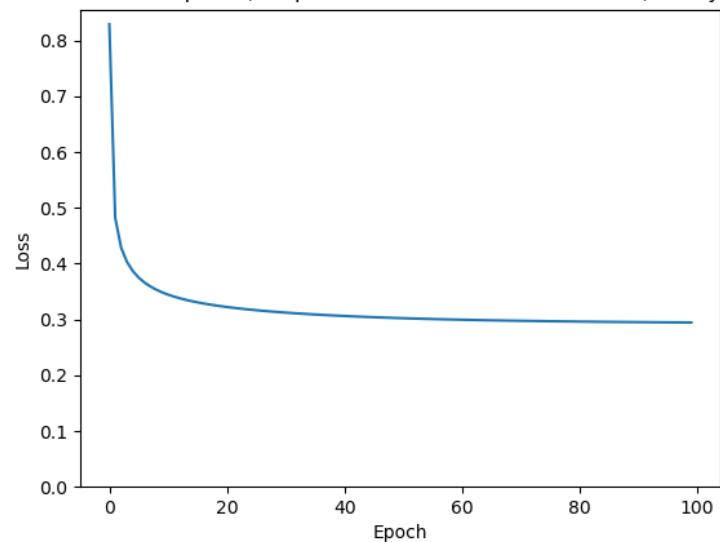
Loss over 100 epochs, step size=0.014299999999812, decay=0.03



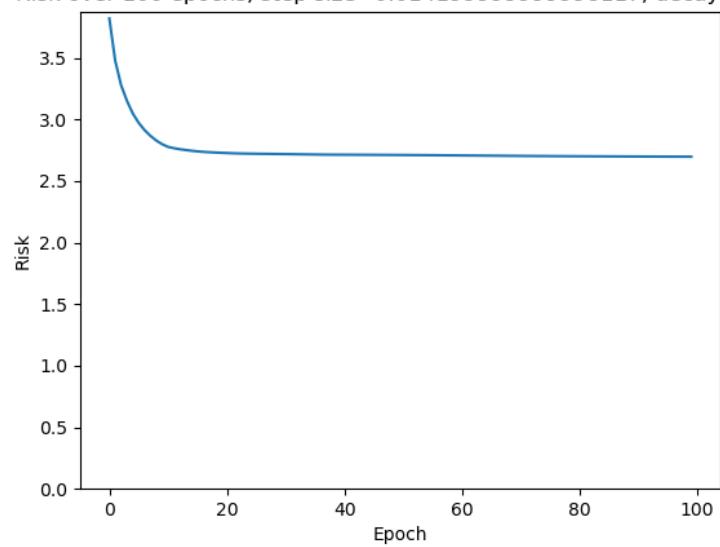
Risk over 100 epochs, step size=0.014299999999812, decay=0.03



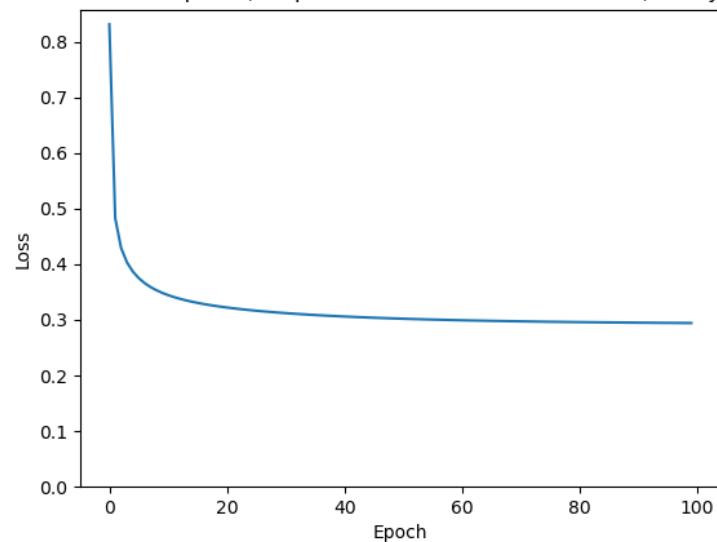
Loss over 100 epochs, step size=0.0141999999998117, decay=0.03



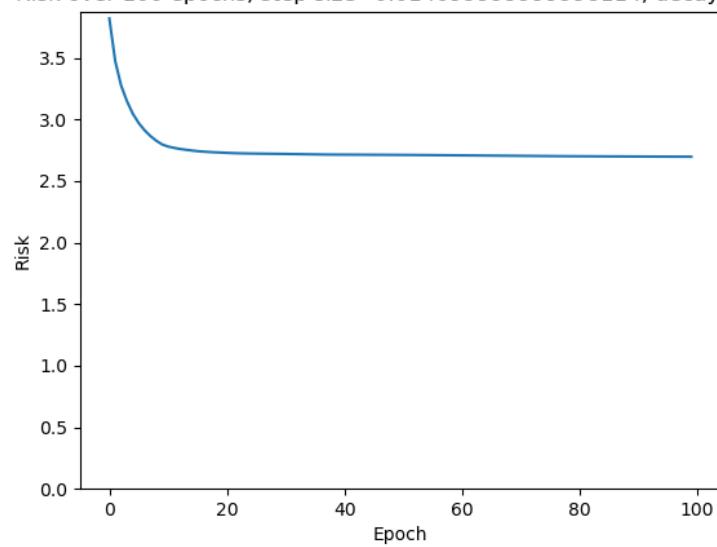
Risk over 100 epochs, step size=0.0141999999998117, decay=0.03



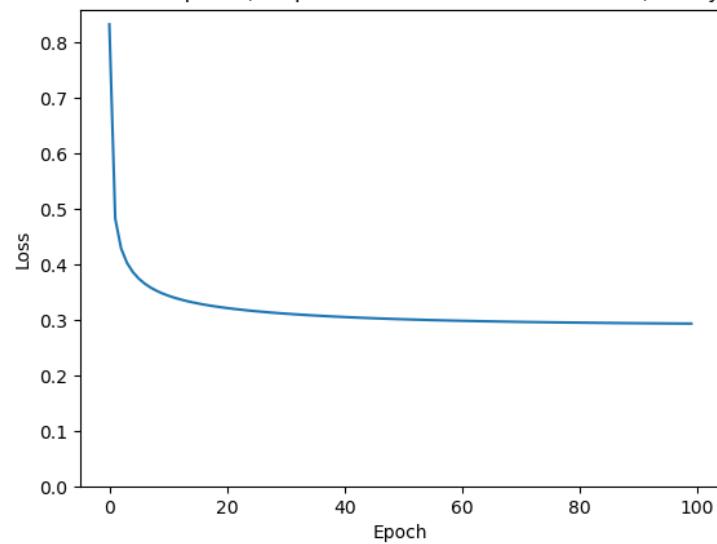
Loss over 100 epochs, step size=0.0140999999998114, decay=0.03



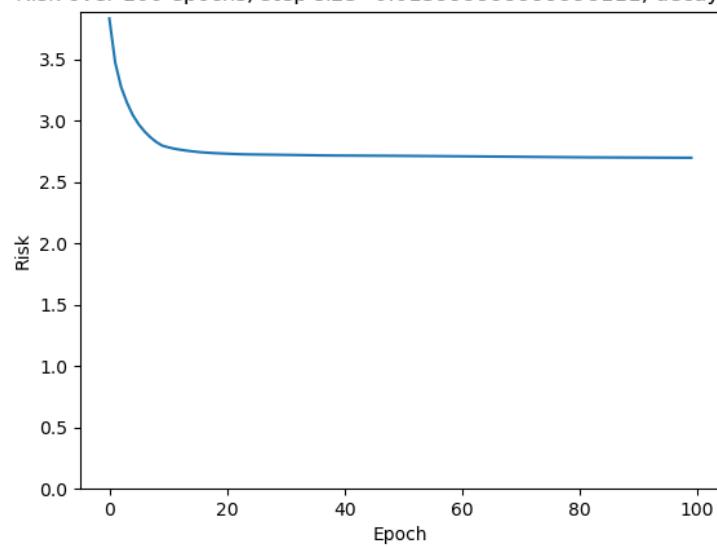
Risk over 100 epochs, step size=0.0140999999998114, decay=0.03



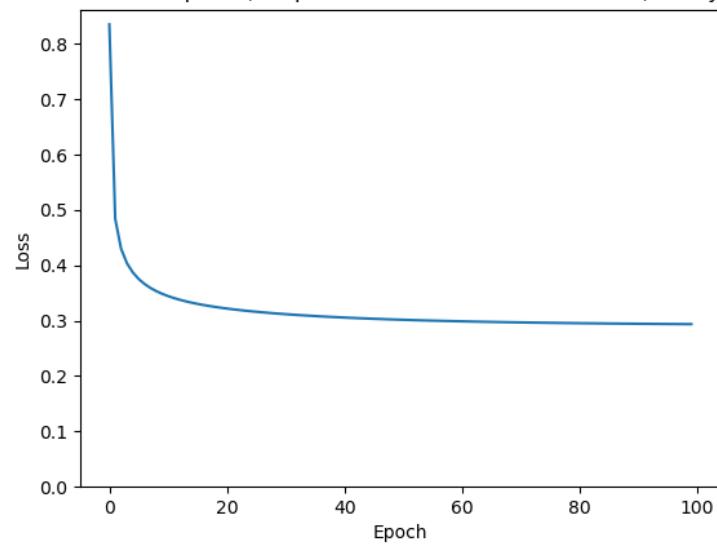
Loss over 100 epochs, step size=0.0139999999998111, decay=0.03



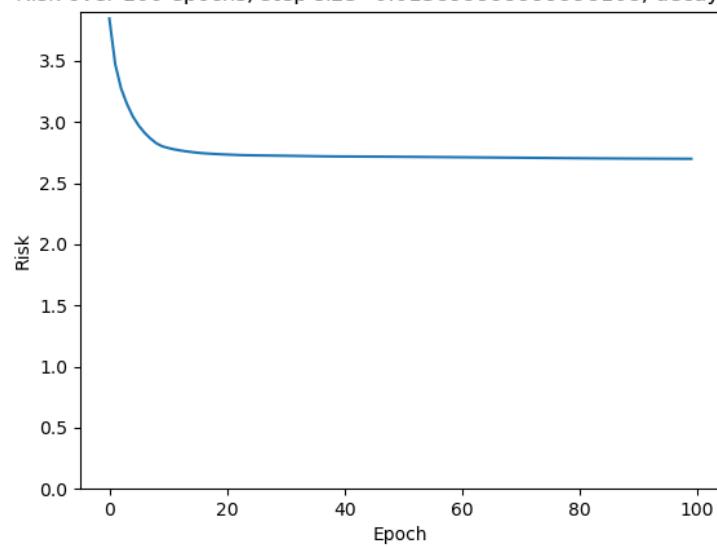
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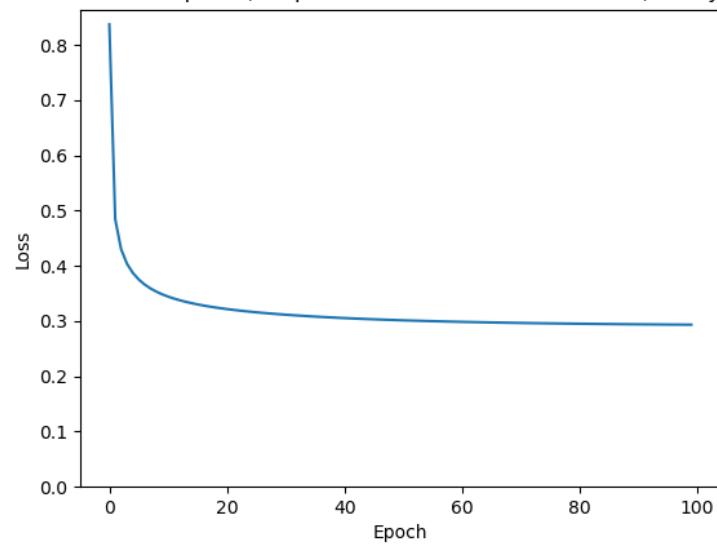
Loss over 100 epochs, step size=0.01389999999998108, decay=0.03



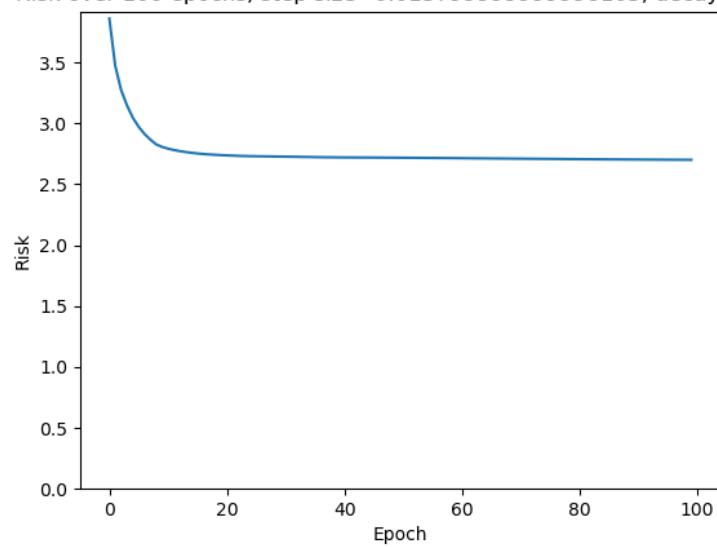
Risk over 100 epochs, step size=0.01389999999998108, decay=0.03



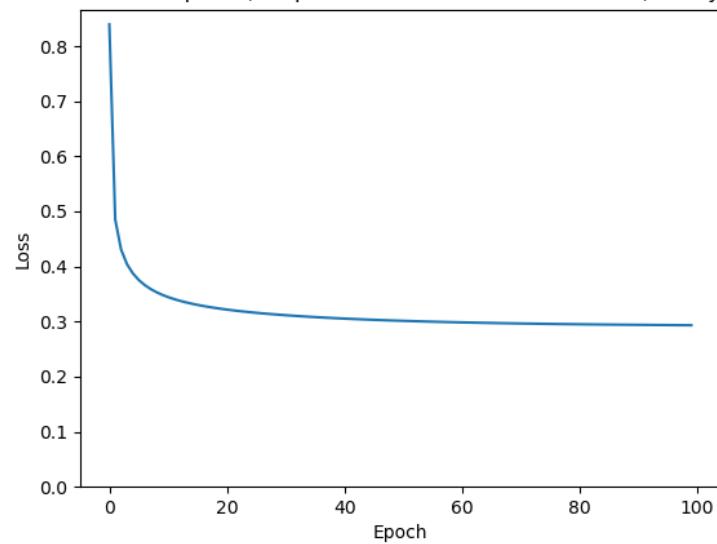
Loss over 100 epochs, step size=0.01379999999998105, decay=0.03



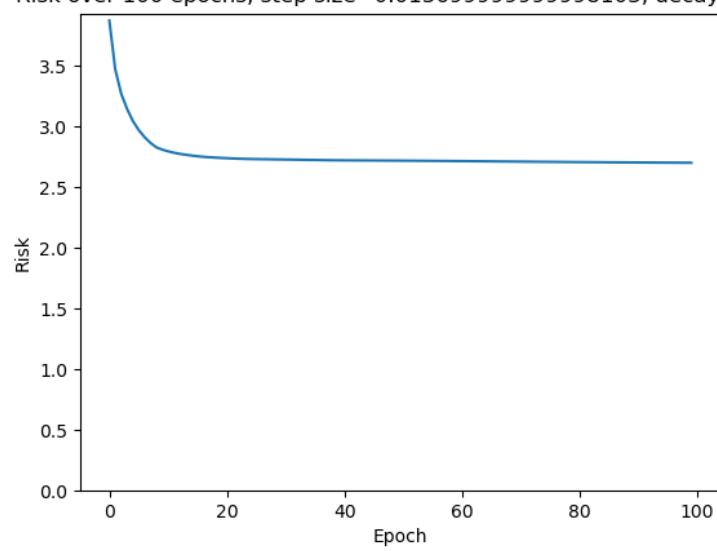
Risk over 100 epochs, step size=0.01379999999998105, decay=0.03



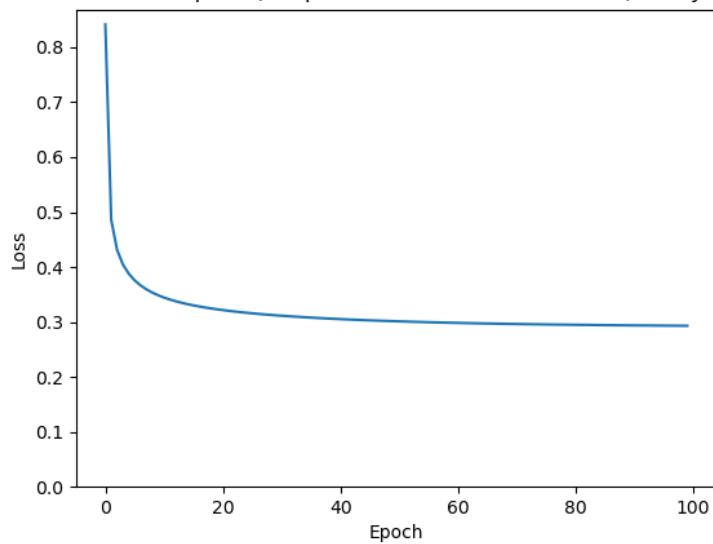
Loss over 100 epochs, step size=0.0136999999998103, decay=0.03



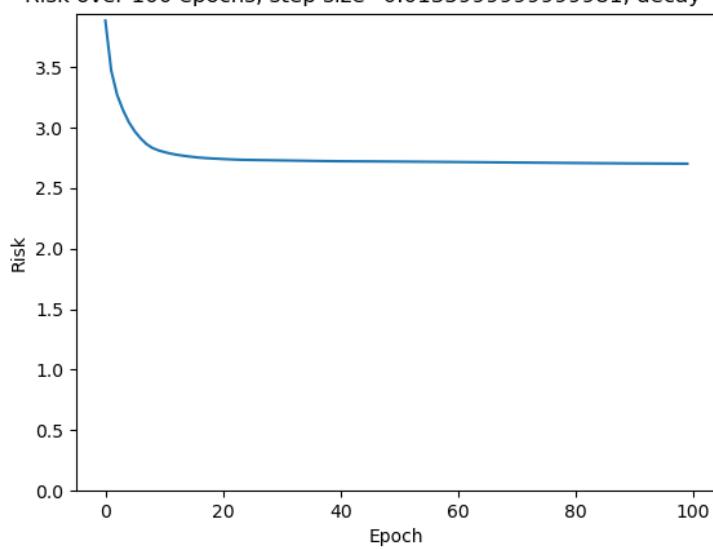
Risk over 100 epochs, step size=0.0136999999998103, decay=0.03



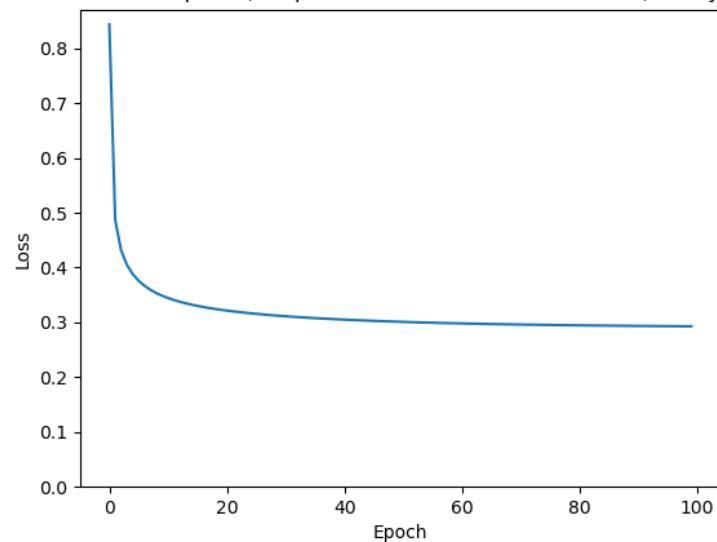
Loss over 100 epochs, step size=0.013599999999981, decay=0.03



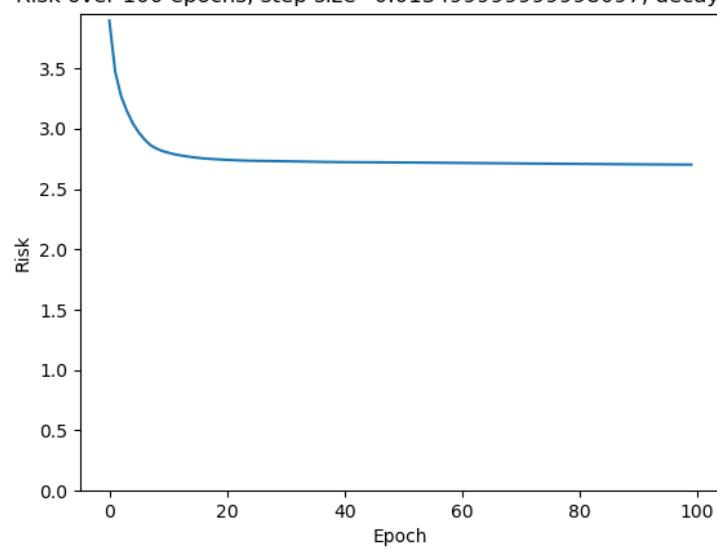
Risk over 100 epochs, step size=0.013599999999981, decay=0.03



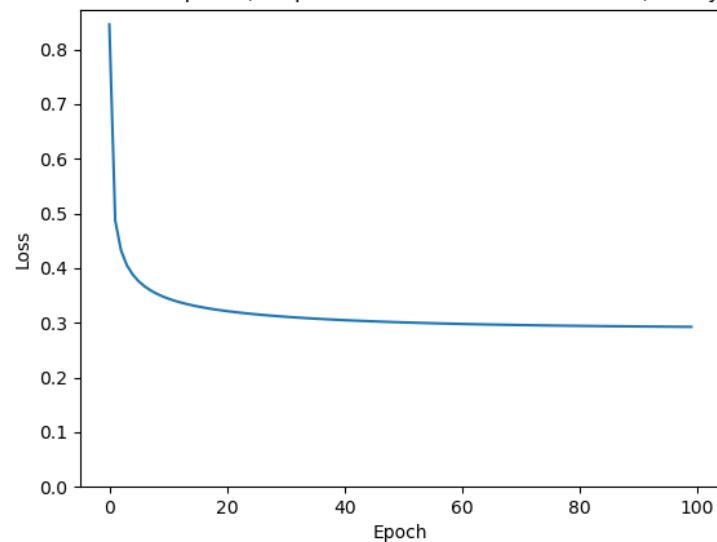
Loss over 100 epochs, step size=0.0134999999998097, decay=0.03



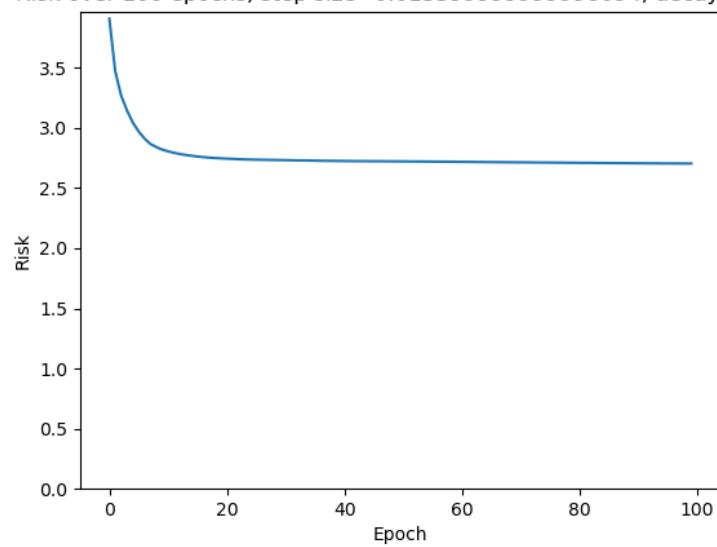
Risk over 100 epochs, step size=0.0134999999998097, decay=0.03



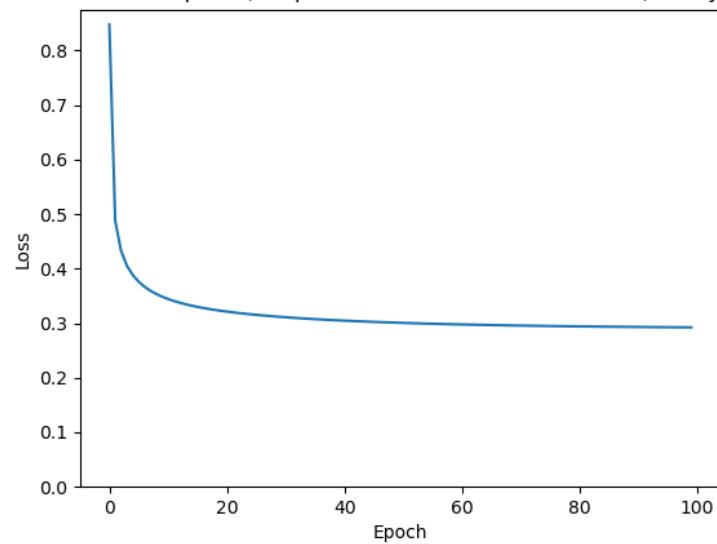
Loss over 100 epochs, step size=0.0133999999998094, decay=0.03



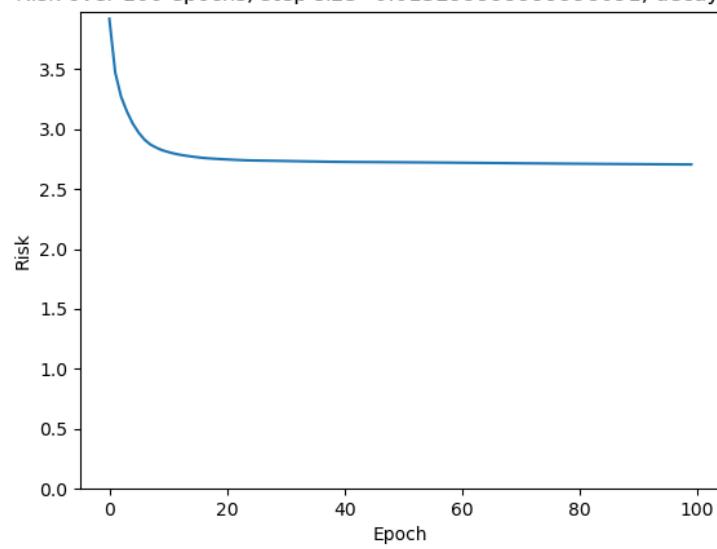
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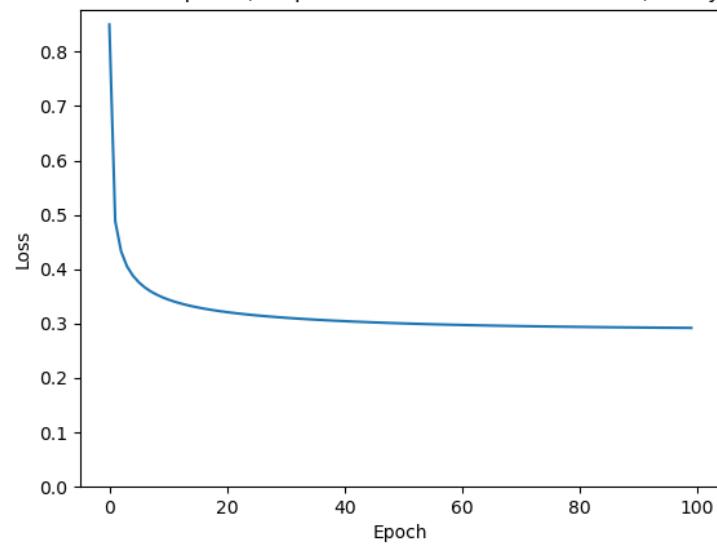
Loss over 100 epochs, step size=0.0132999999998091, decay=0.03



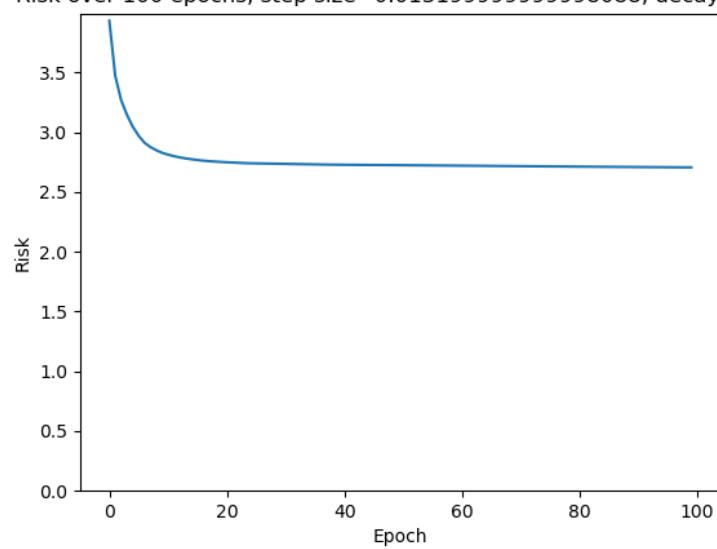
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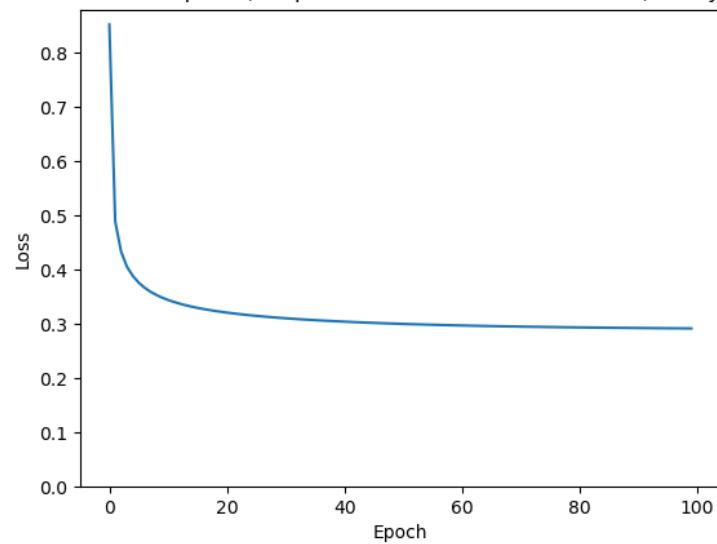
Loss over 100 epochs, step size=0.0131999999998088, decay=0.03



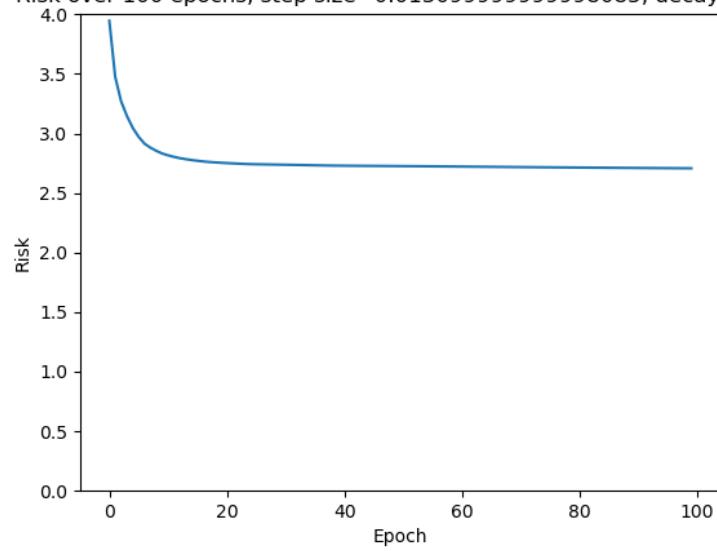
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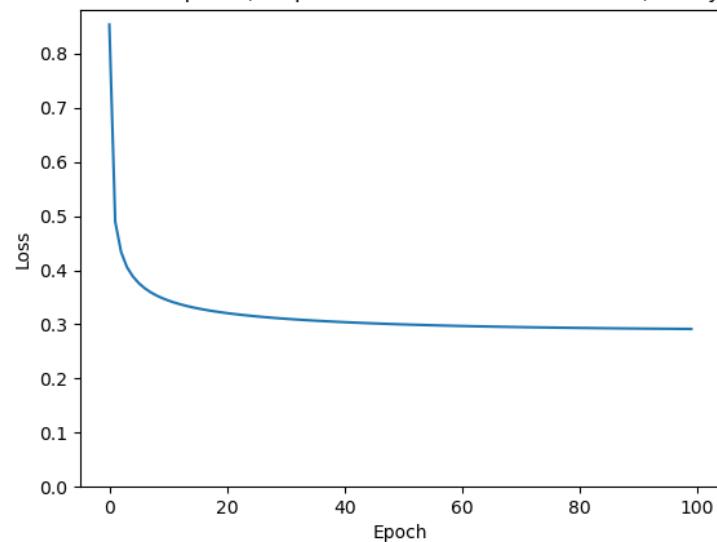
Loss over 100 epochs, step size=0.0130999999998085, decay=0.03



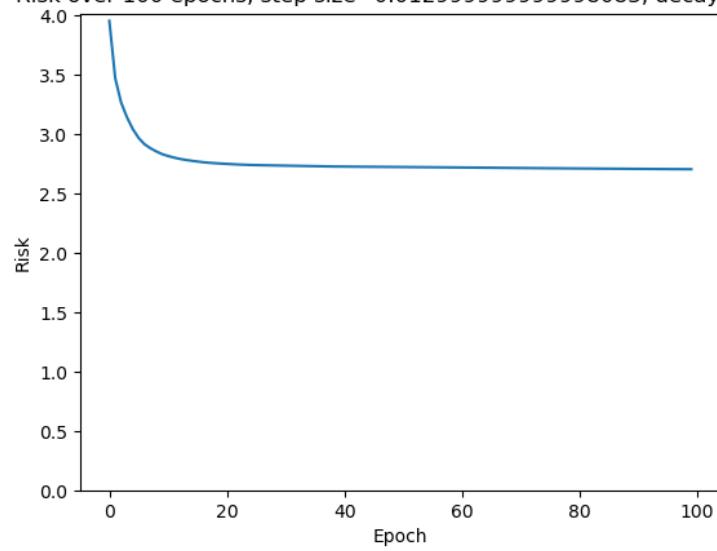
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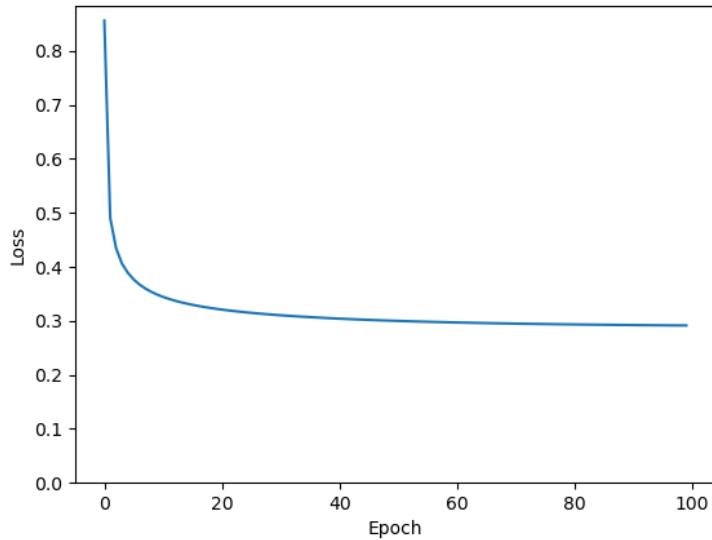
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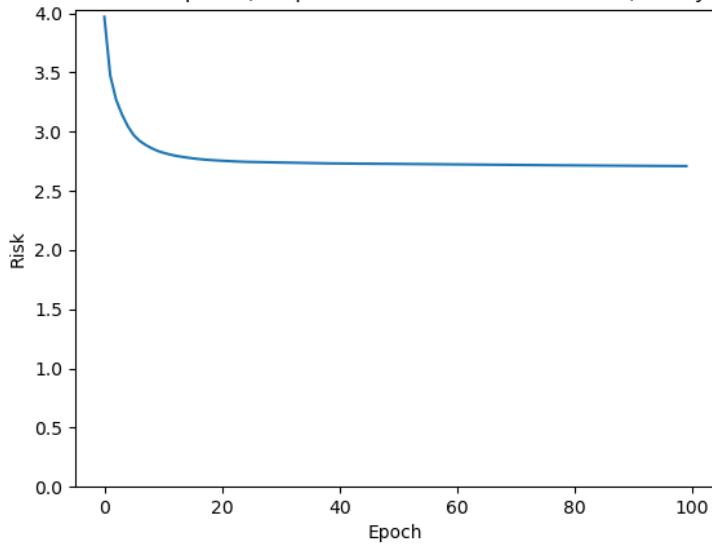
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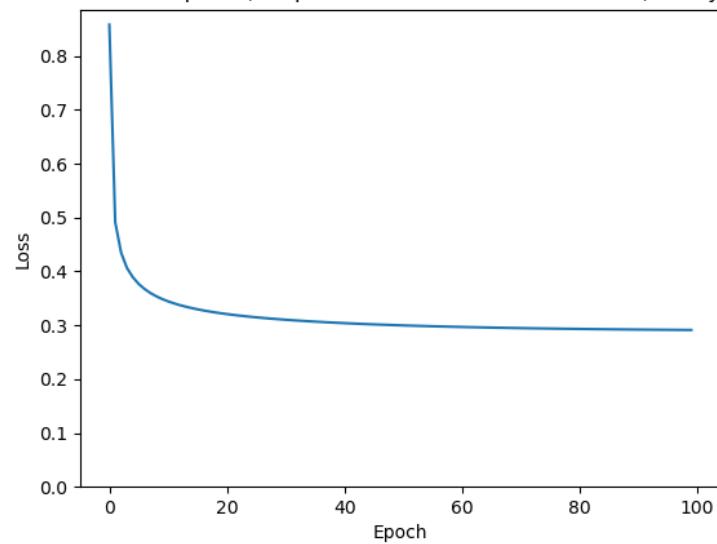
Loss over 100 epochs, step size=0.0128999999999808, decay=0.03



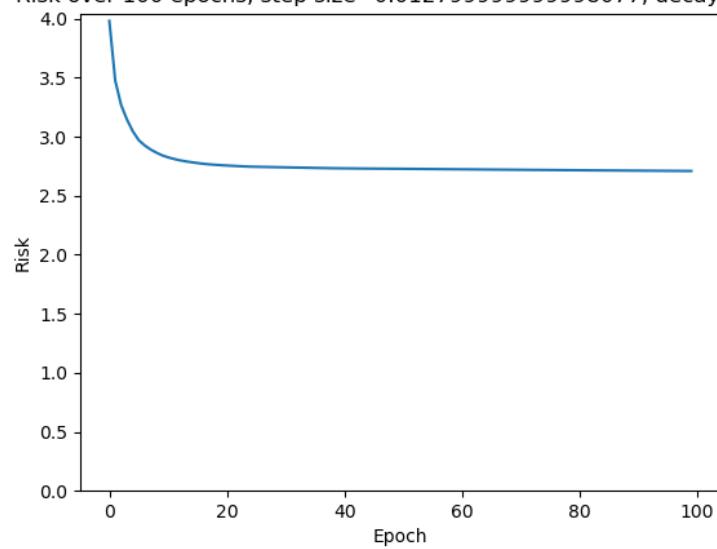
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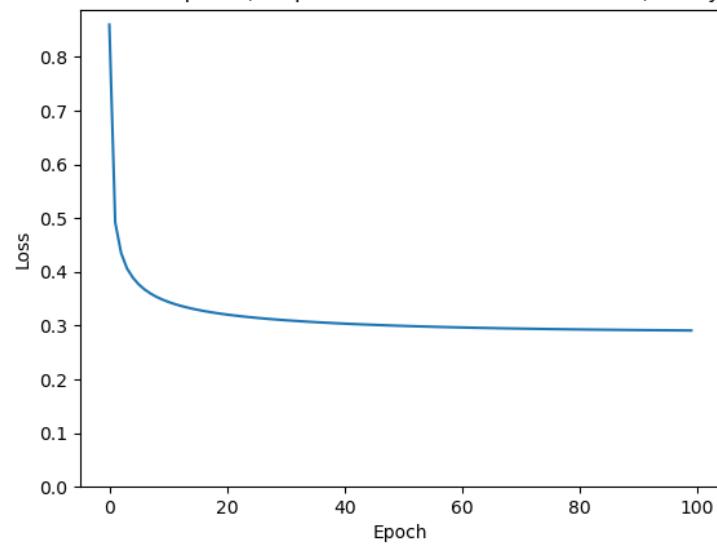
Loss over 100 epochs, step size=0.0127999999998077, decay=0.03



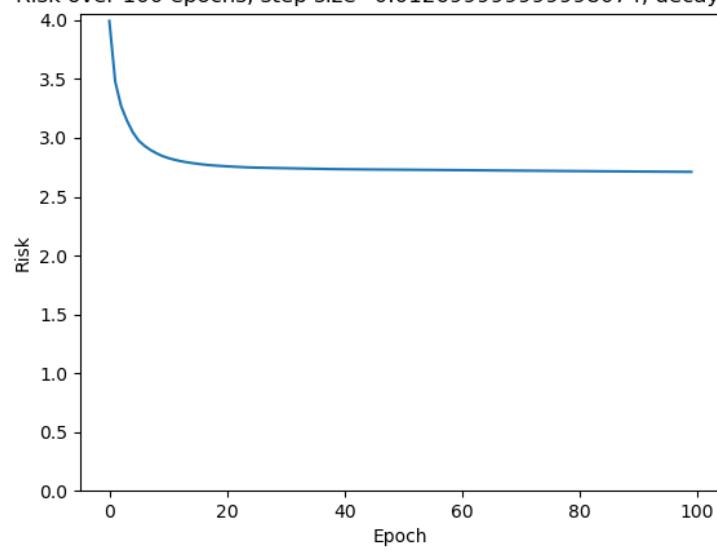
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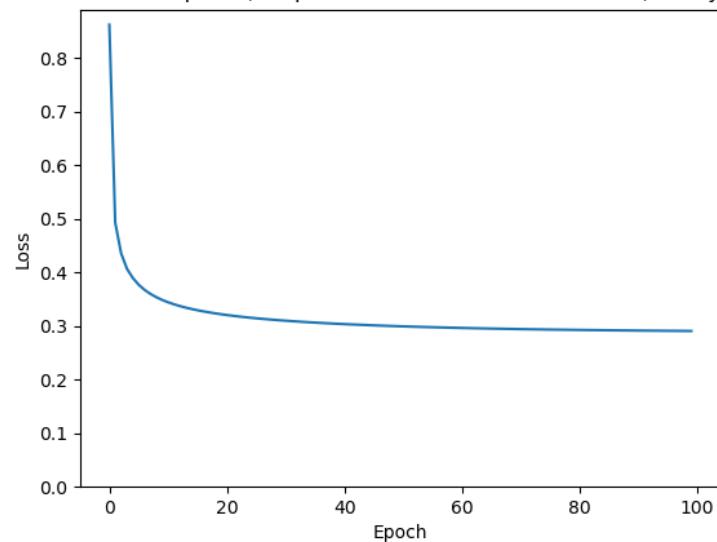
Loss over 100 epochs, step size=0.0126999999998074, decay=0.03



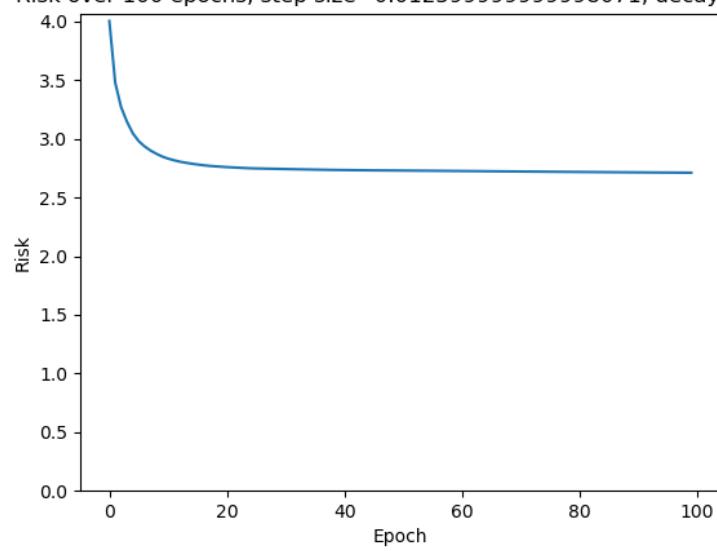
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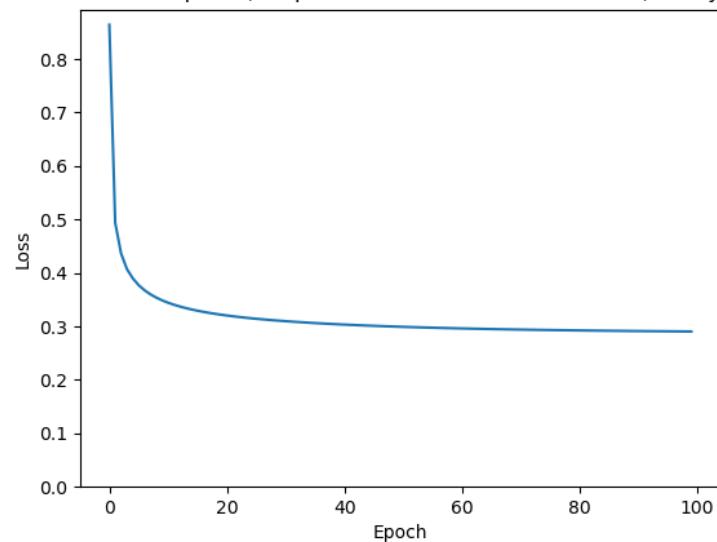
Loss over 100 epochs, step size=0.0125999999998071, decay=0.03



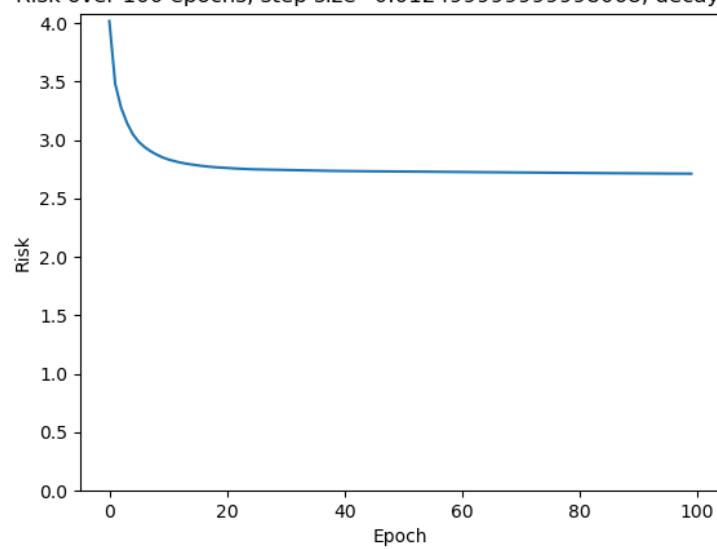
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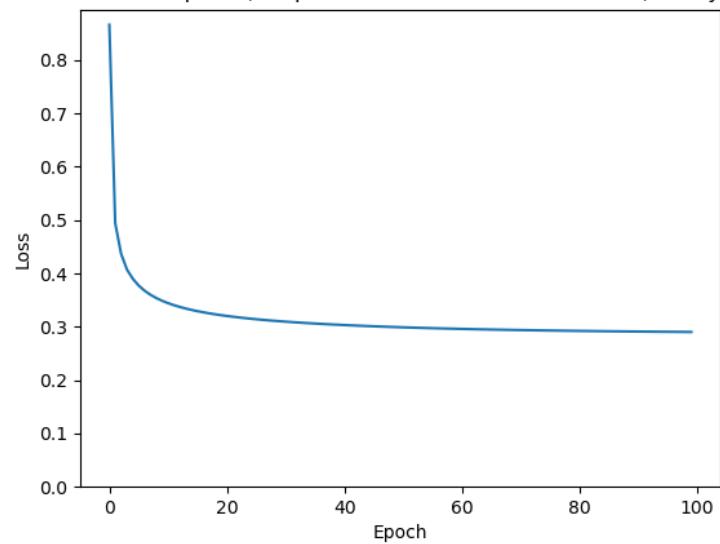
Loss over 100 epochs, step size=0.0124999999998068, decay=0.03



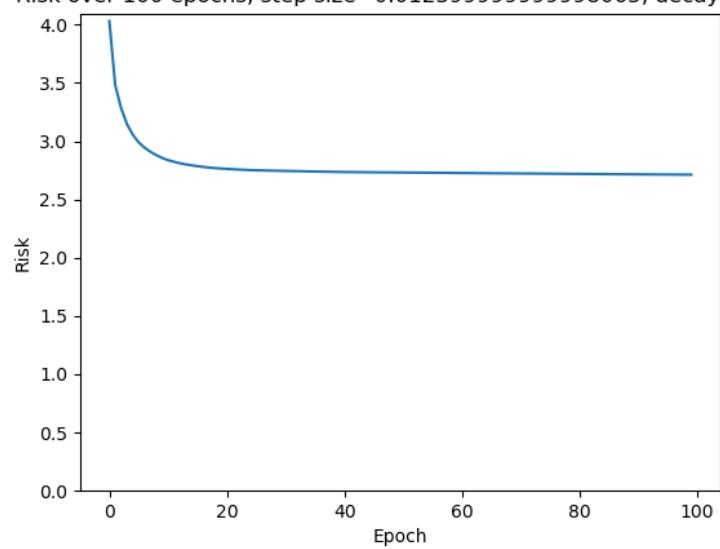
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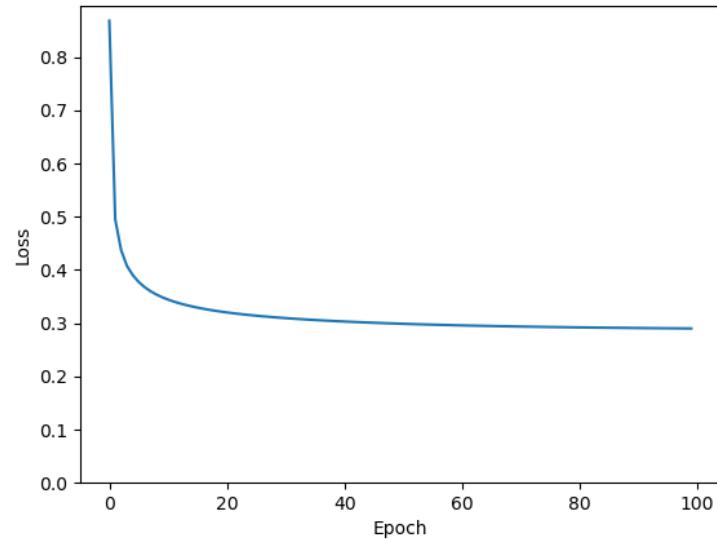
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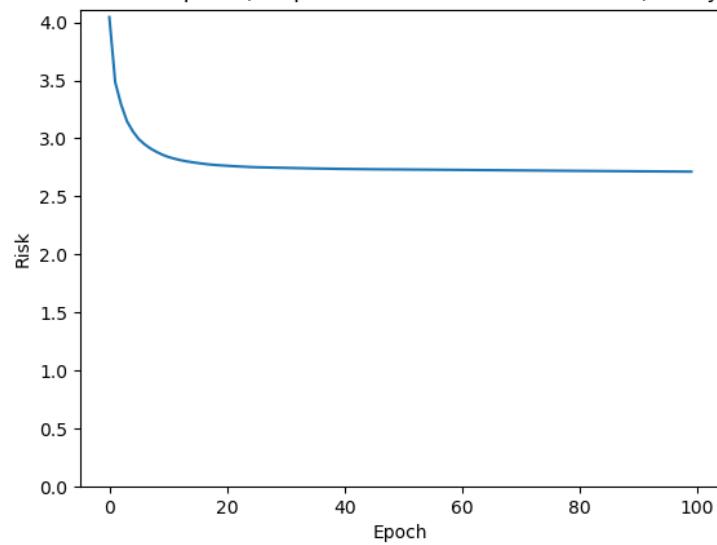
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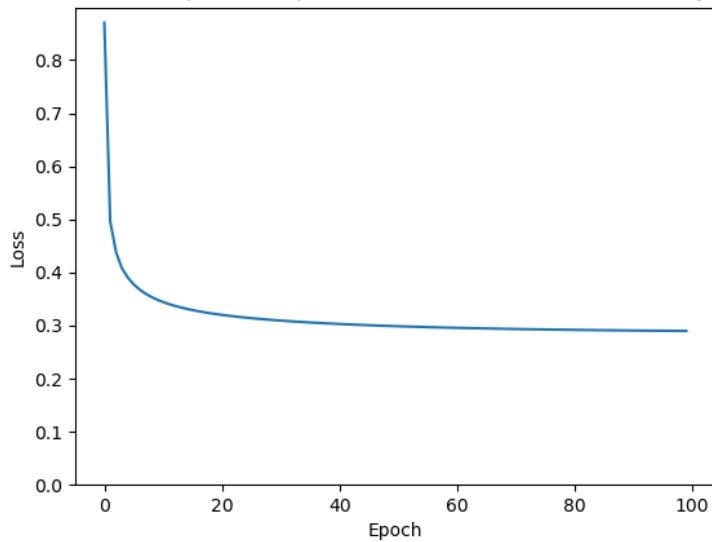
Loss over 100 epochs, step size=0.0122999999998062, decay=0.03



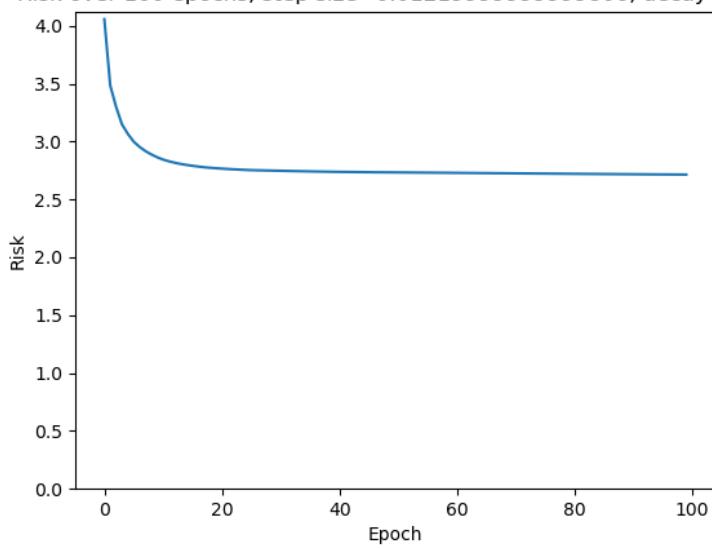
Risk over 100 epochs, step size=0.0122999999998062, decay=0.03



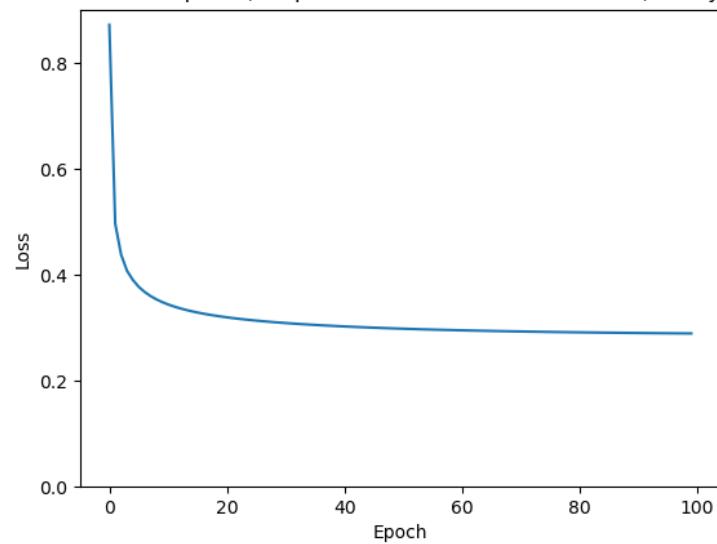
Loss over 100 epochs, step size=0.012199999999806, decay=0.03



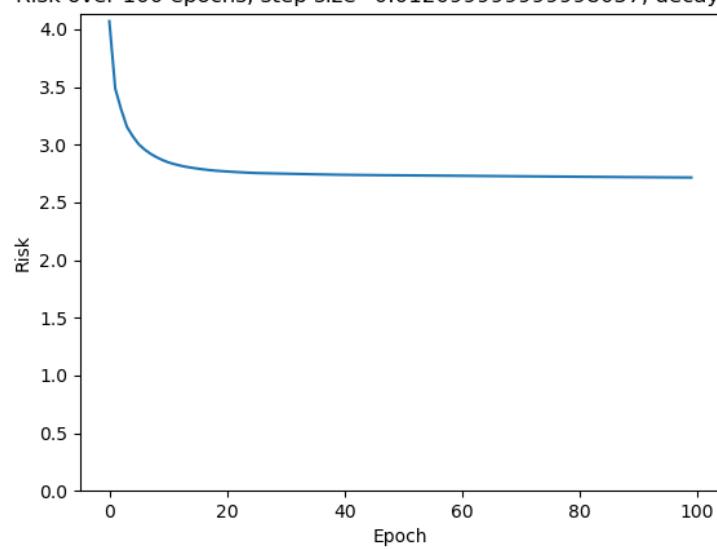
Risk over 100 epochs, step size=0.012199999999806, decay=0.03



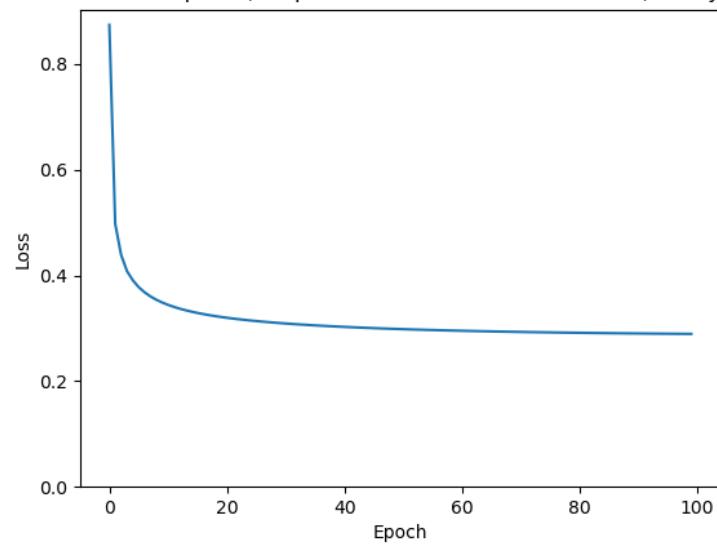
Loss over 100 epochs, step size=0.0120999999998057, decay=0.03



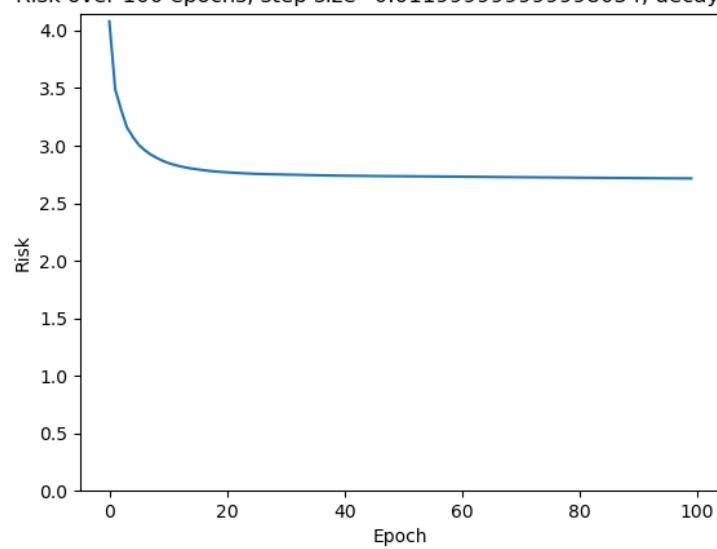
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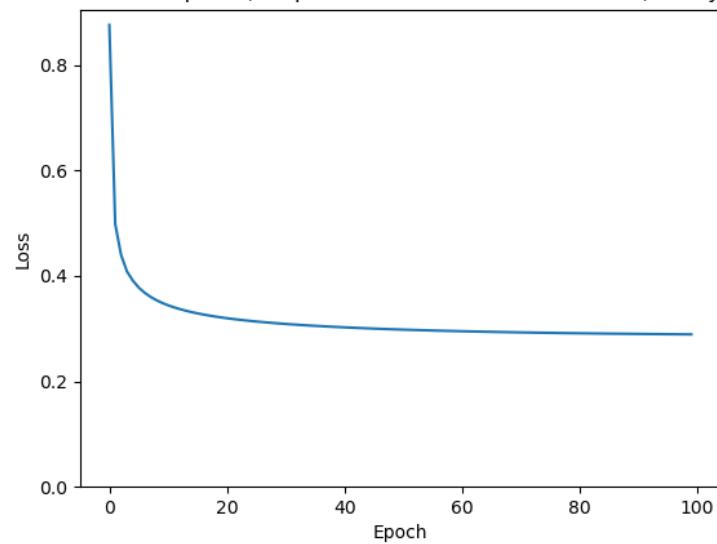
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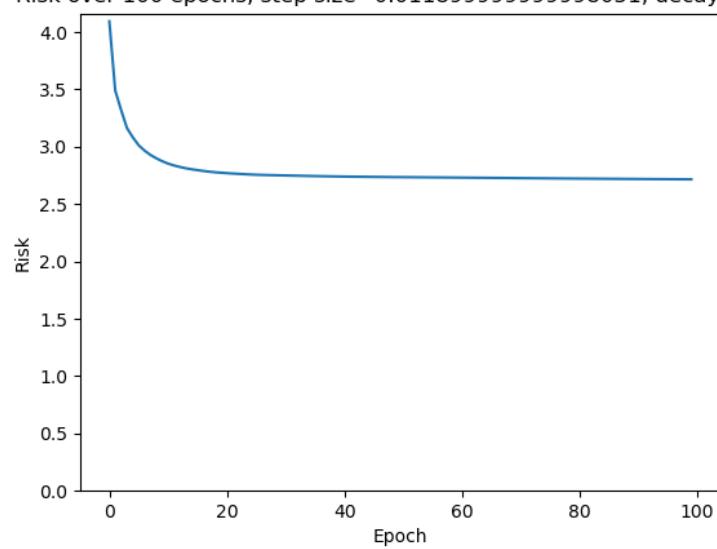
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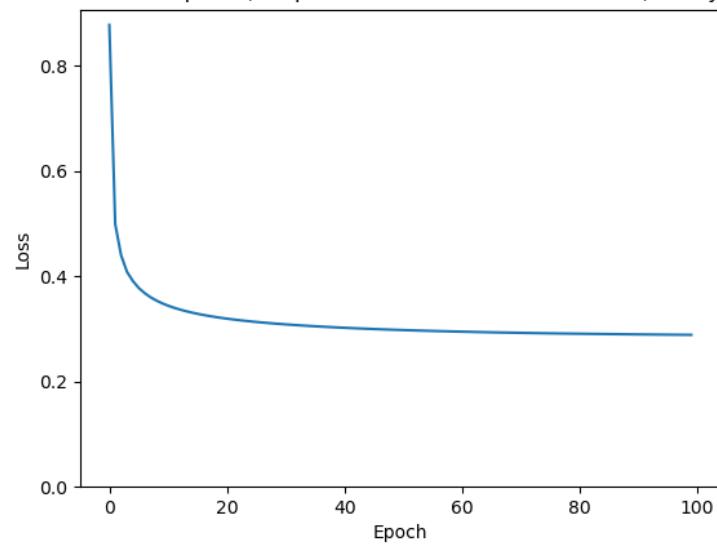
Loss over 100 epochs, step size=0.0118999999998051, decay=0.03



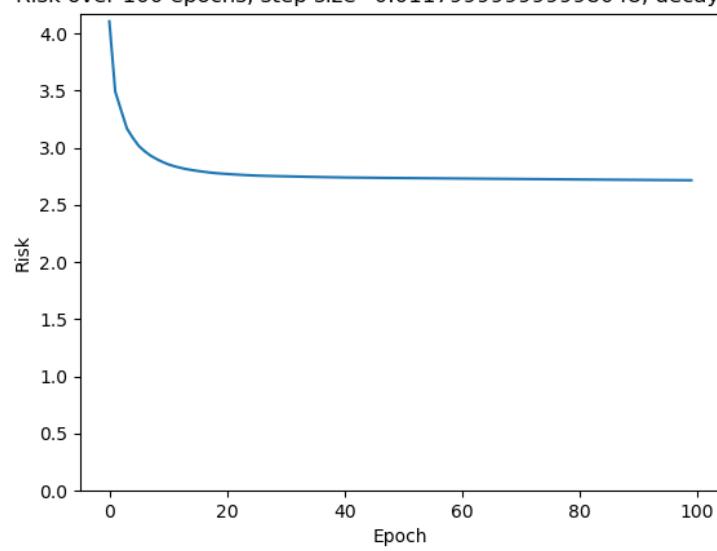
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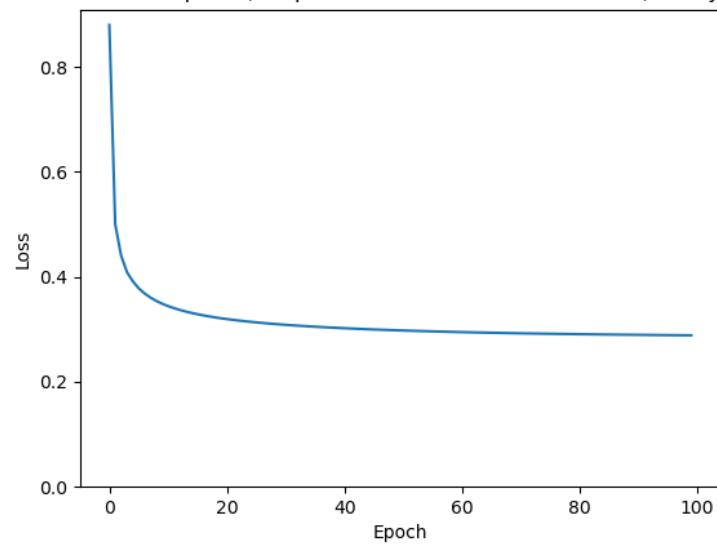
Loss over 100 epochs, step size=0.0117999999998048, decay=0.03



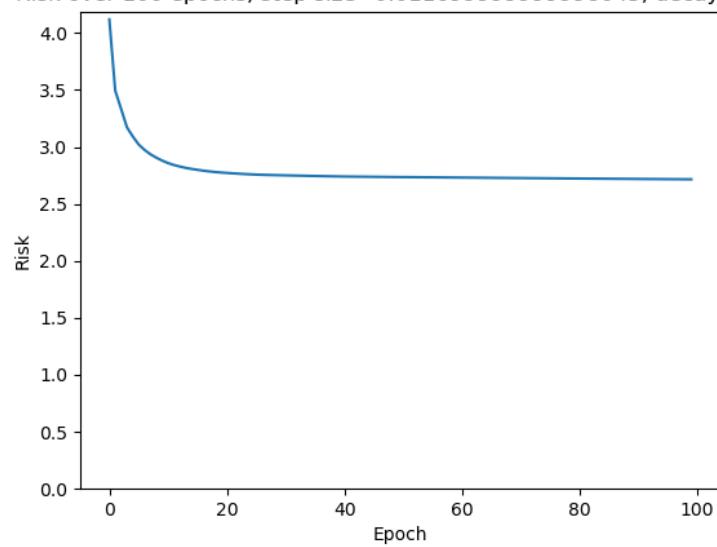
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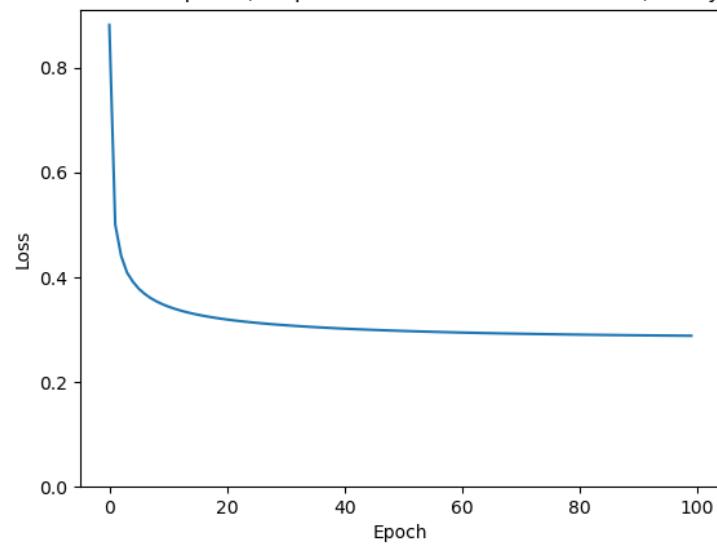
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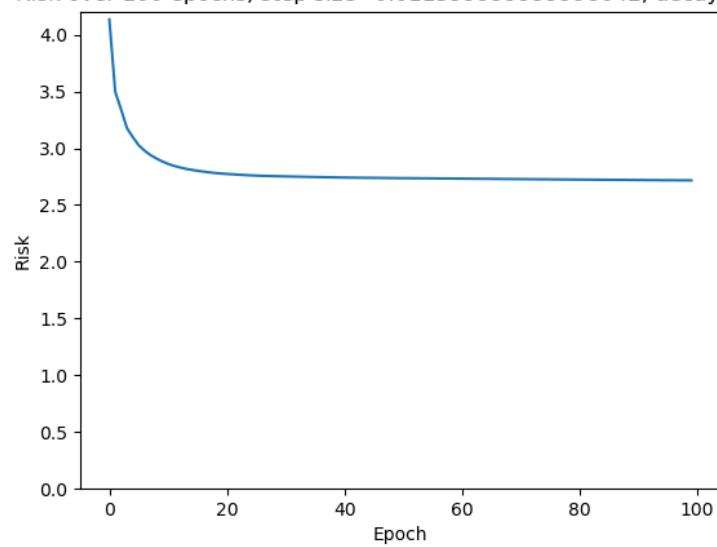
Risk over 100 epochs, step size=0.0116999999998045, decay=0.03



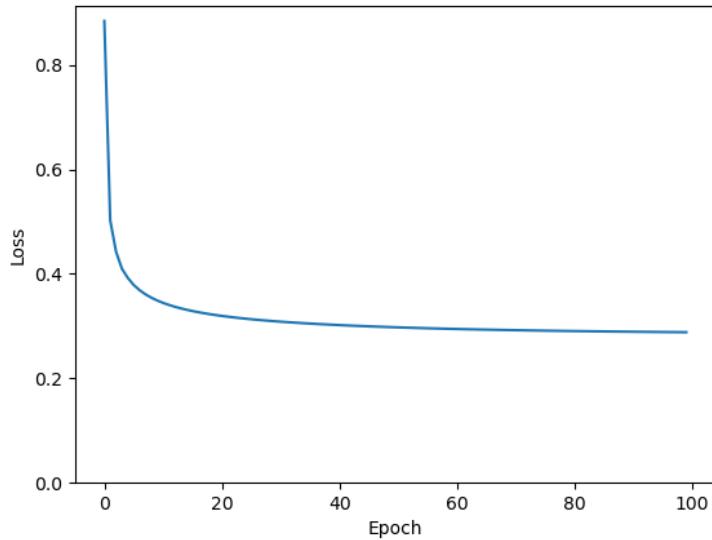
Loss over 100 epochs, step size=0.0115999999998042, decay=0.03



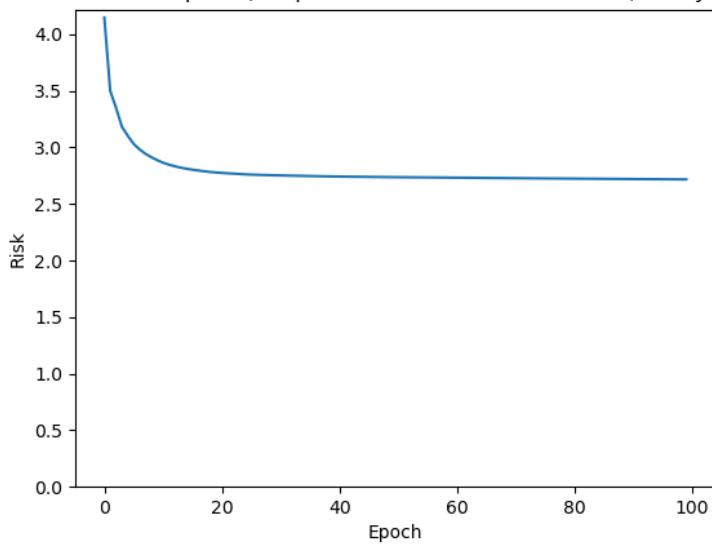
Risk over 100 epochs, step size=0.0115999999998042, decay=0.03



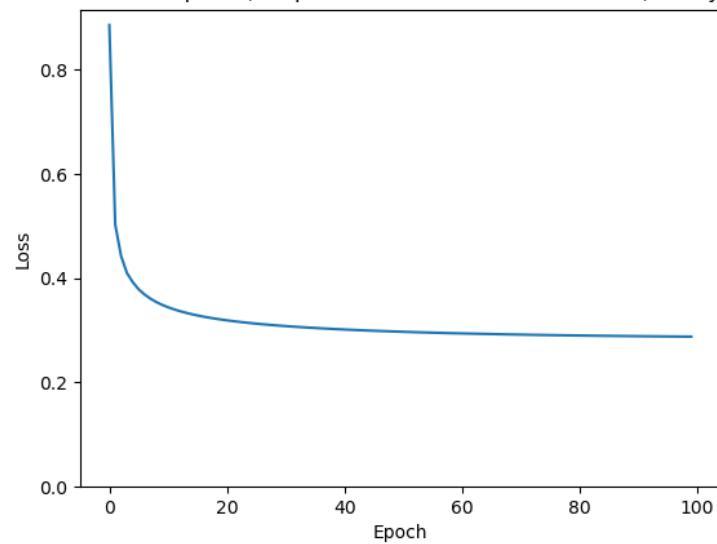
Loss over 100 epochs, step size=0.011499999999804, decay=0.03



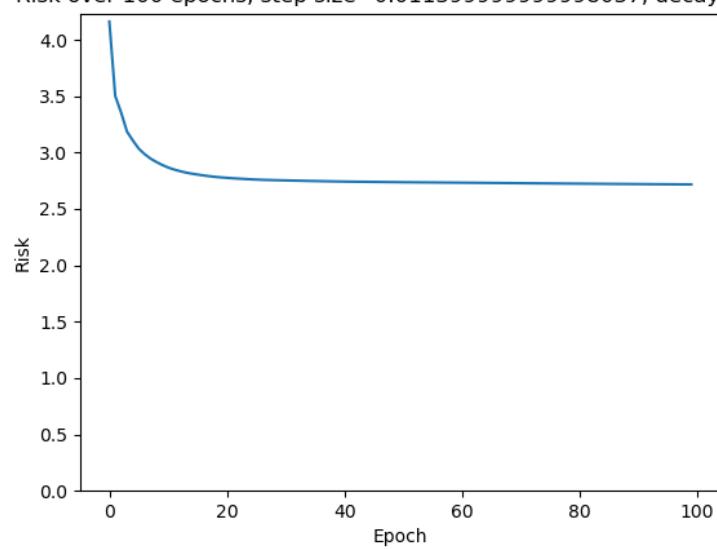
Risk over 100 epochs, step size=0.011499999999804, decay=0.03



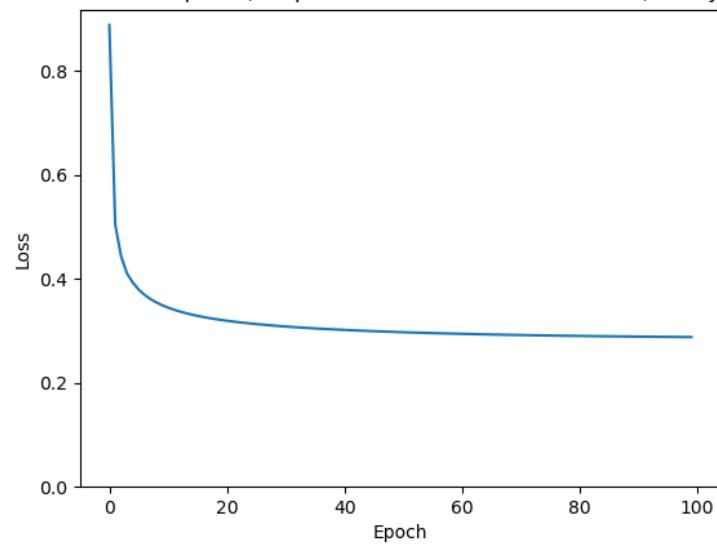
Loss over 100 epochs, step size=0.0113999999998037, decay=0.03



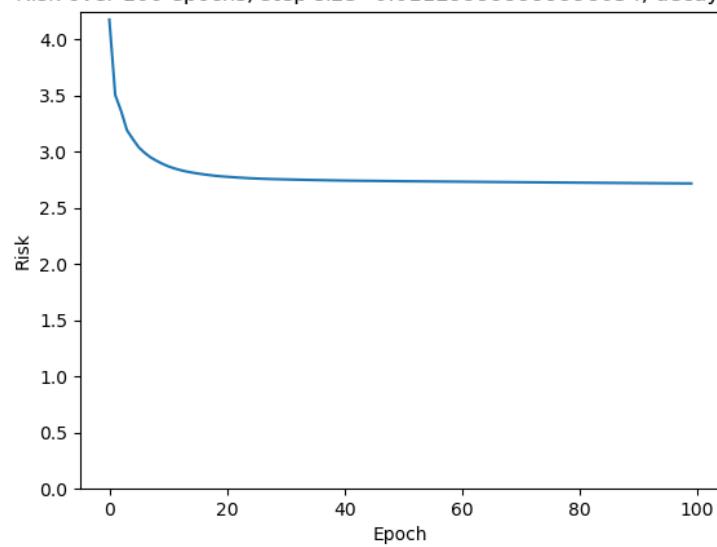
Risk over 100 epochs, step size=0.0113999999998037, decay=0.03



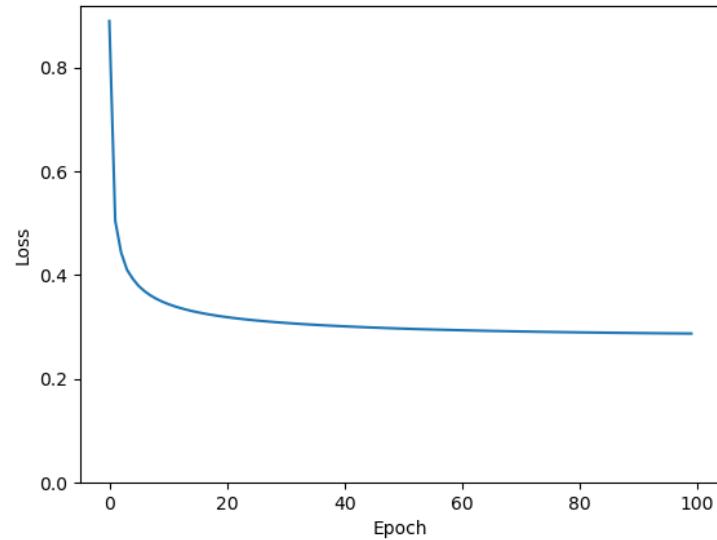
Loss over 100 epochs, step size=0.0112999999998034, decay=0.03



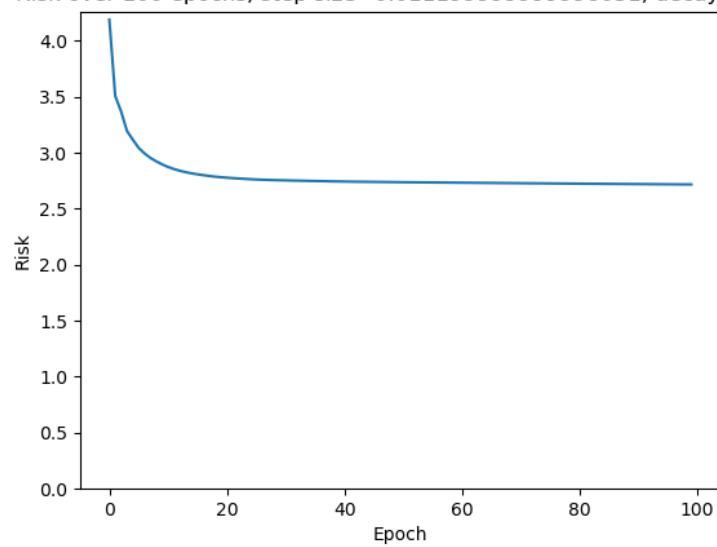
Risk over 100 epochs, step size=0.0112999999998034, decay=0.03



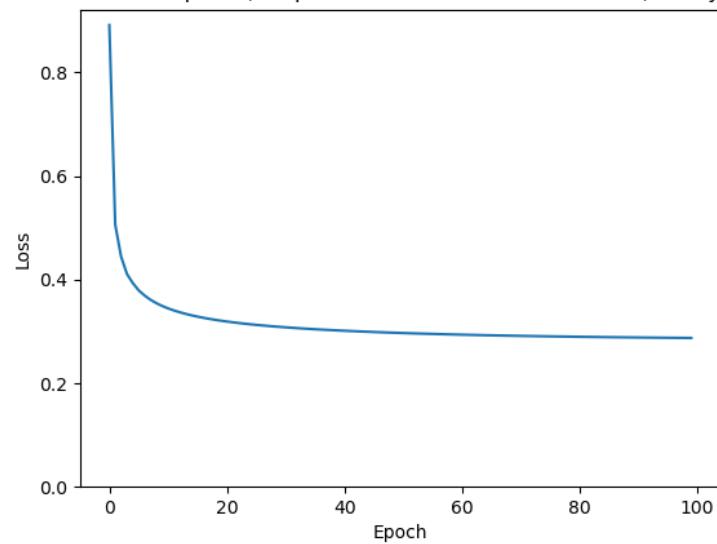
Loss over 100 epochs, step size=0.0111999999998031, decay=0.03



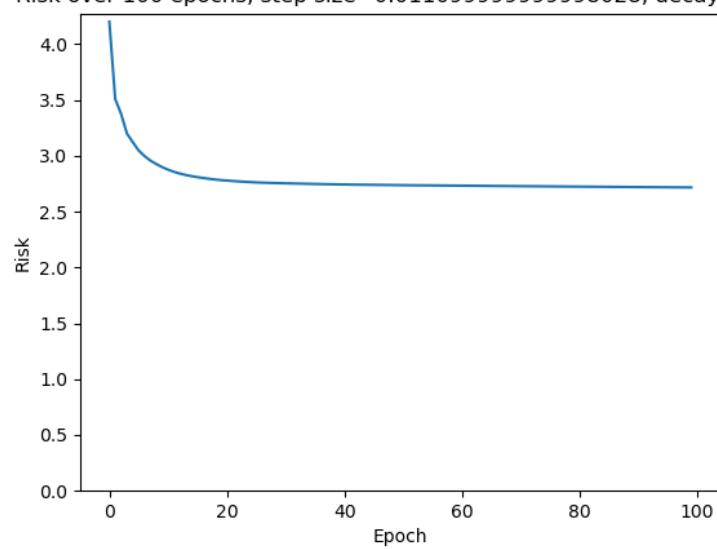
Risk over 100 epochs, step size=0.0111999999998031, decay=0.03



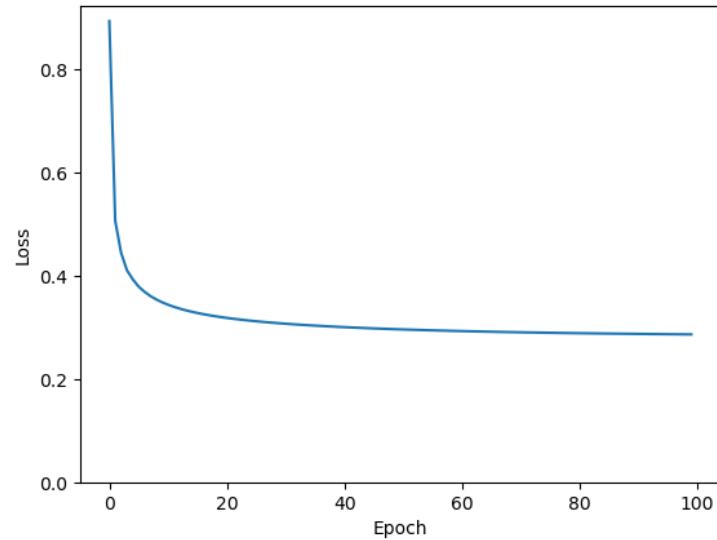
Loss over 100 epochs, step size=0.0110999999998028, decay=0.03



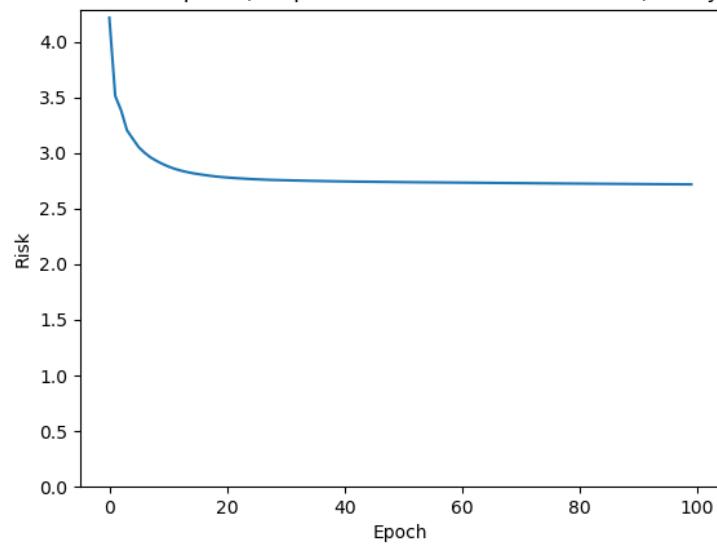
Risk over 100 epochs, step size=0.0110999999998028, decay=0.03



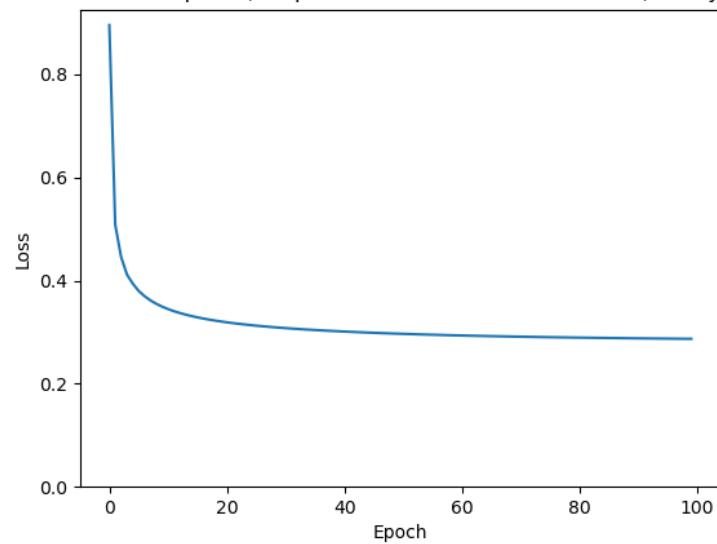
Loss over 100 epochs, step size=0.0109999999998025, decay=0.03



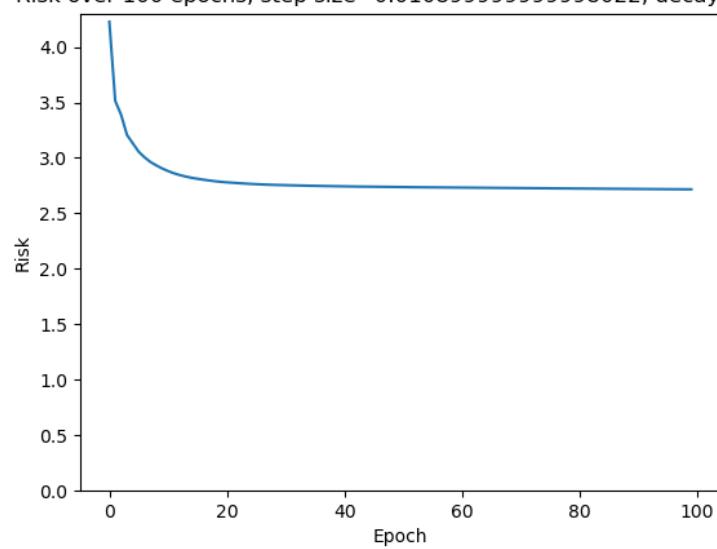
Risk over 100 epochs, step size=0.0109999999998025, decay=0.03



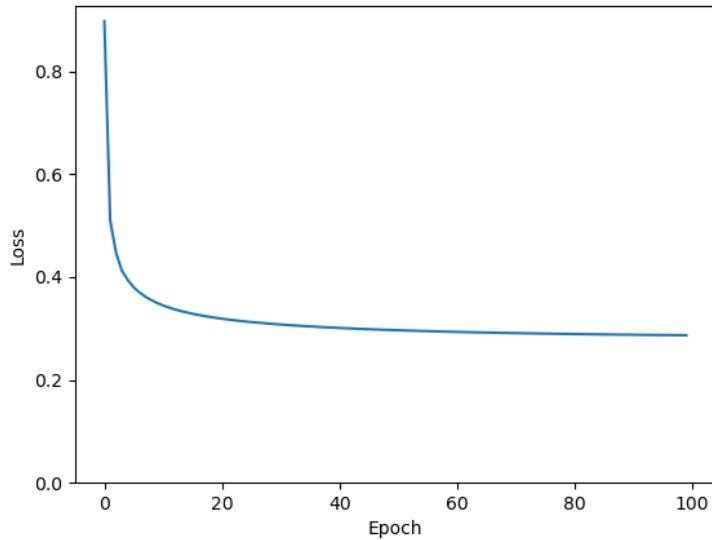
Loss over 100 epochs, step size=0.0108999999998022, decay=0.03



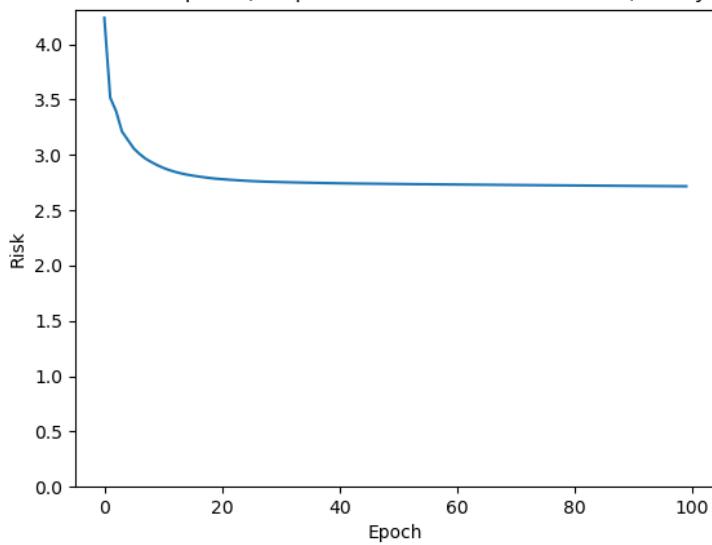
Risk over 100 epochs, step size=0.0108999999998022, decay=0.03



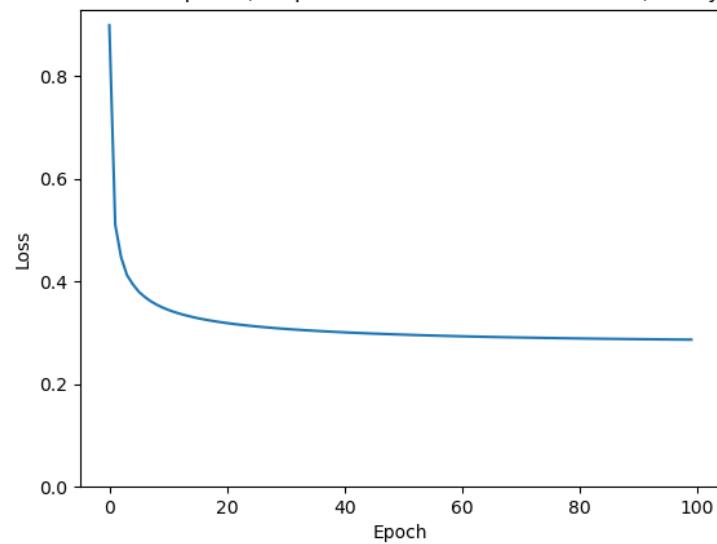
Loss over 100 epochs, step size=0.010799999999802, decay=0.03



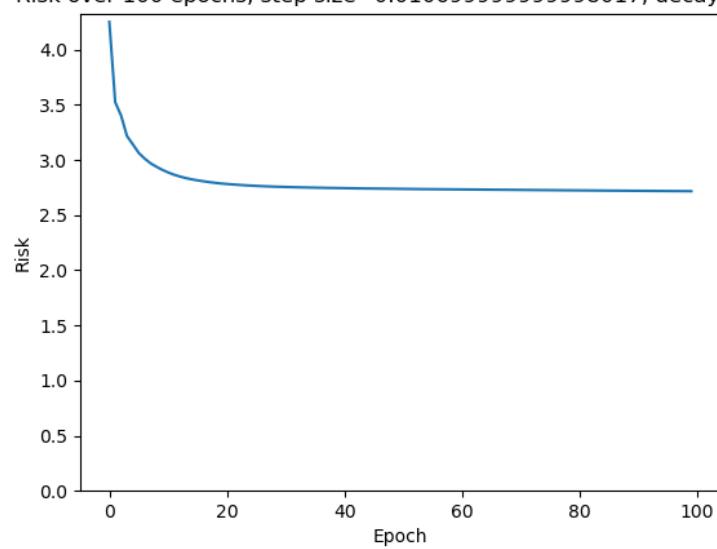
Risk over 100 epochs, step size=0.010799999999802, decay=0.03



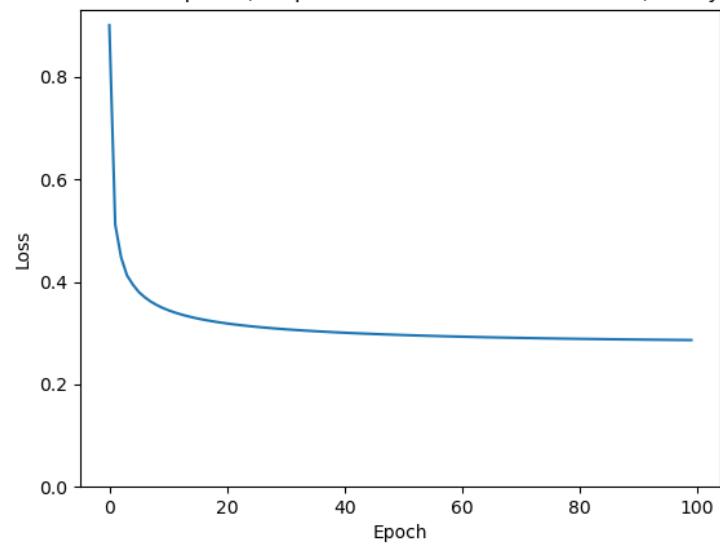
Loss over 100 epochs, step size=0.0106999999998017, decay=0.03



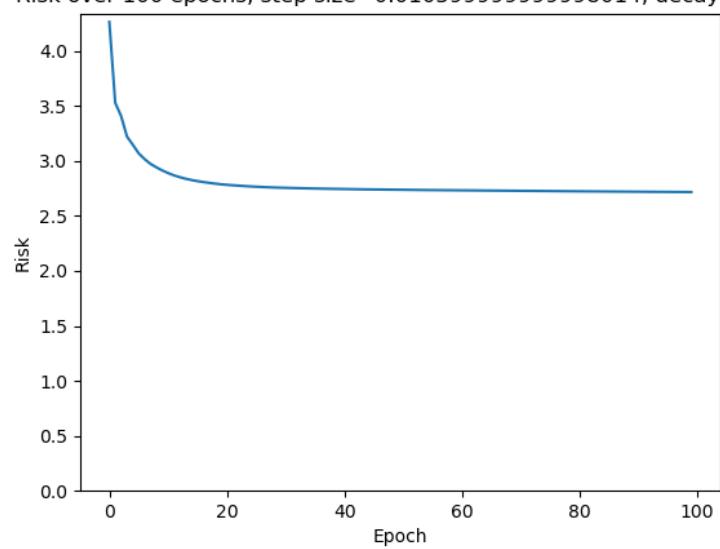
Risk over 100 epochs, step size=0.0106999999998017, decay=0.03



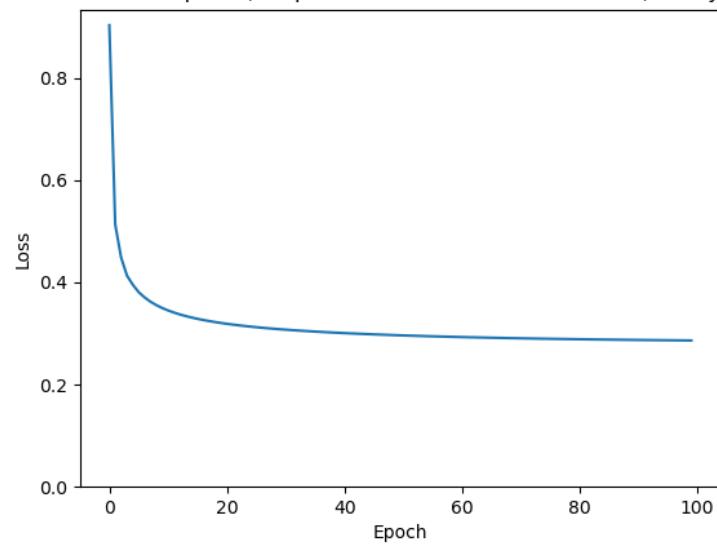
Loss over 100 epochs, step size=0.01059999999998014, decay=0.03



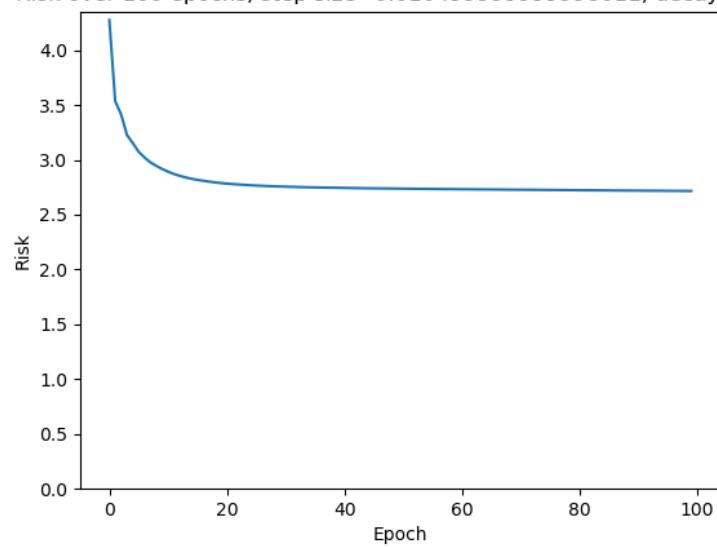
Risk over 100 epochs, step size=0.01059999999998014, decay=0.03



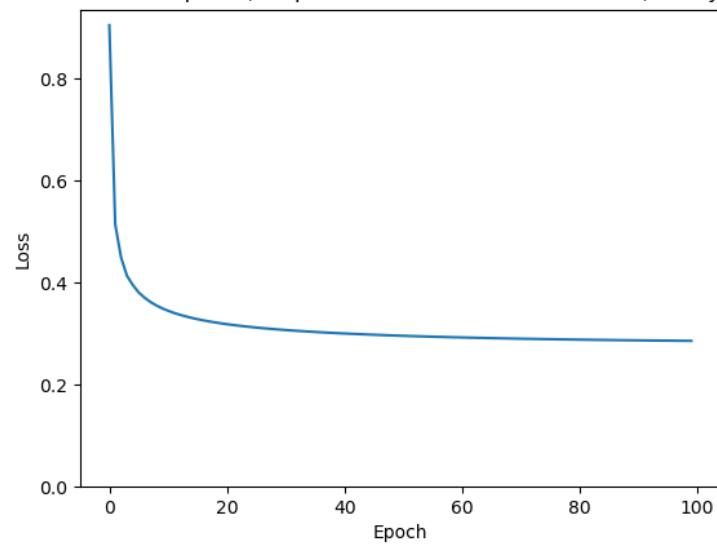
Loss over 100 epochs, step size=0.0104999999998011, decay=0.03



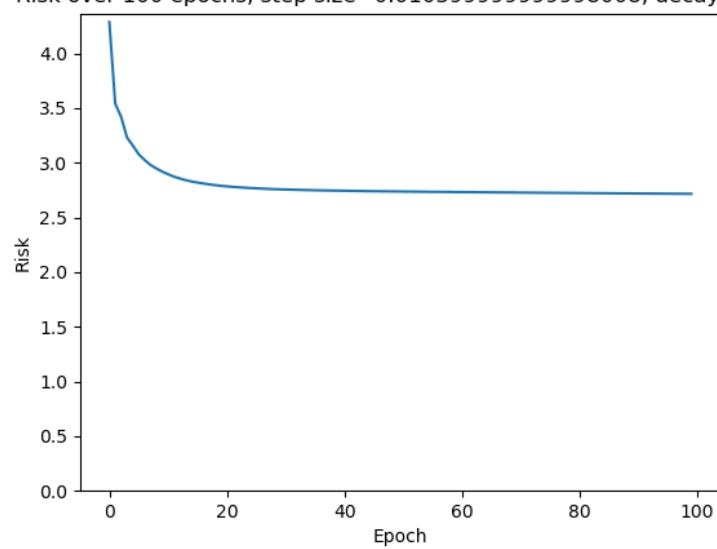
Risk over 100 epochs, step size=0.0104999999998011, decay=0.03



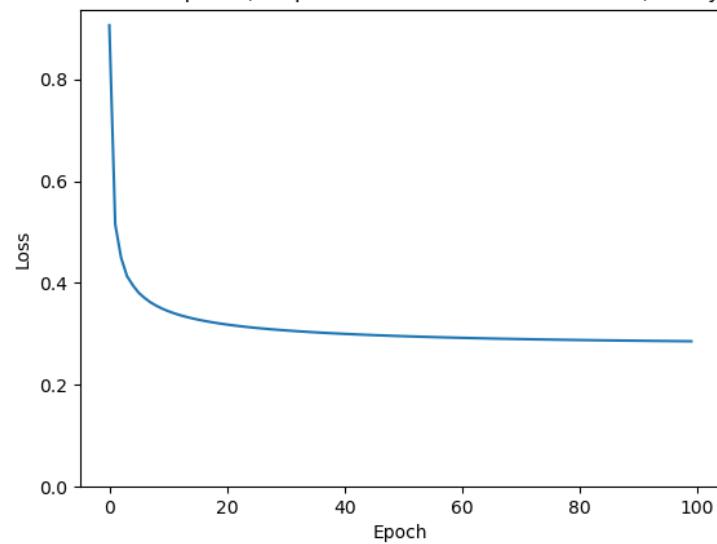
Loss over 100 epochs, step size=0.0103999999998008, decay=0.03



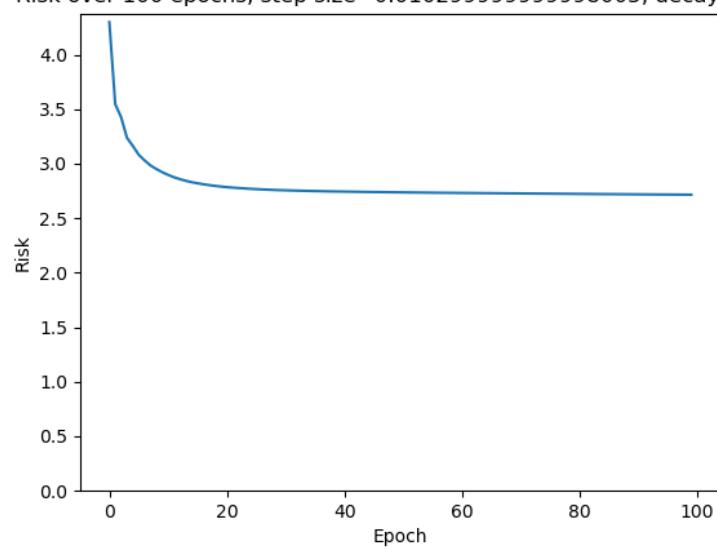
Risk over 100 epochs, step size=0.0103999999998008, decay=0.03



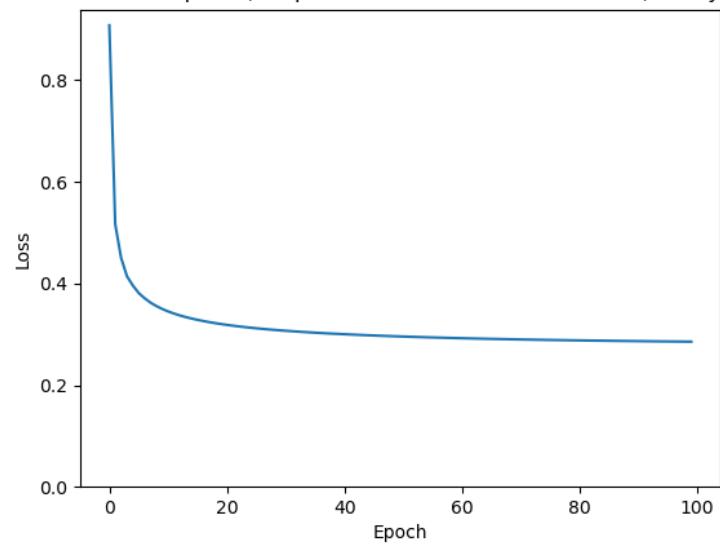
Loss over 100 epochs, step size=0.0102999999998005, decay=0.03



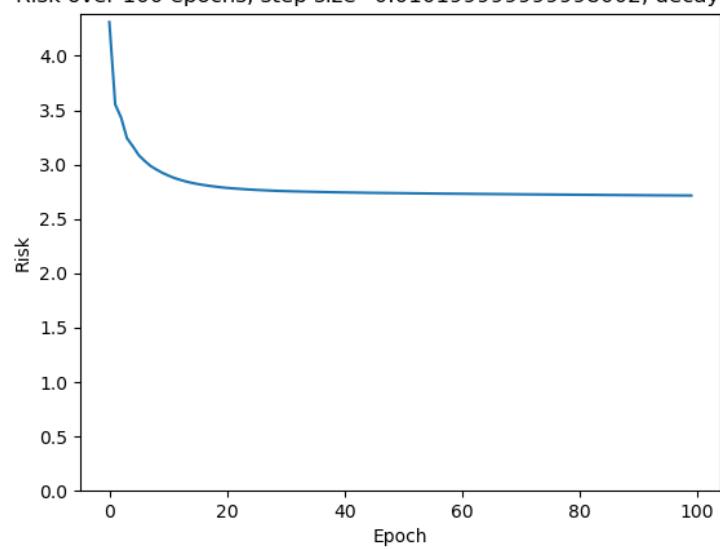
Risk over 100 epochs, step size=0.0102999999998005, decay=0.03



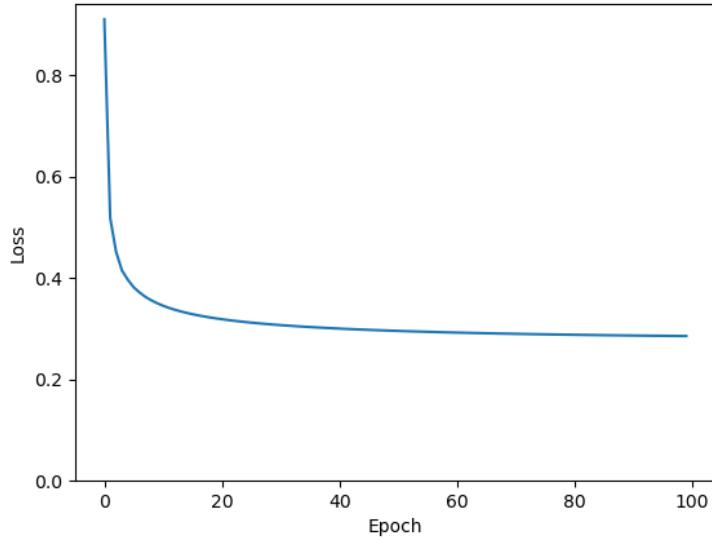
Loss over 100 epochs, step size=0.0101999999998002, decay=0.03



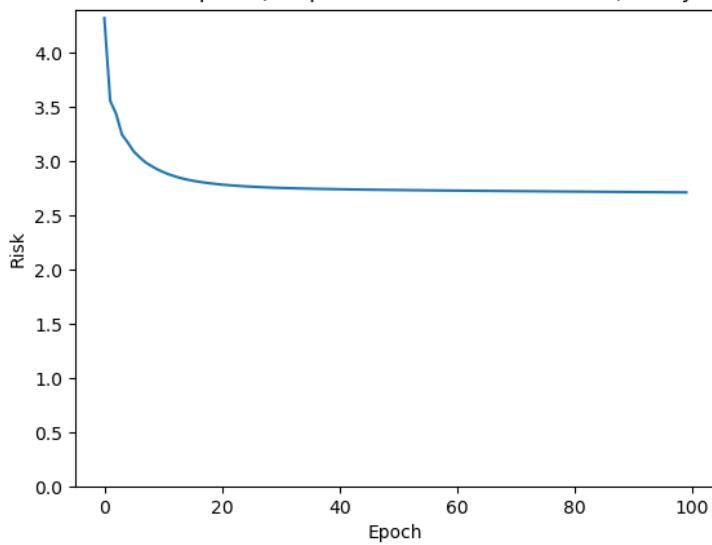
Risk over 100 epochs, step size=0.0101999999998002, decay=0.03



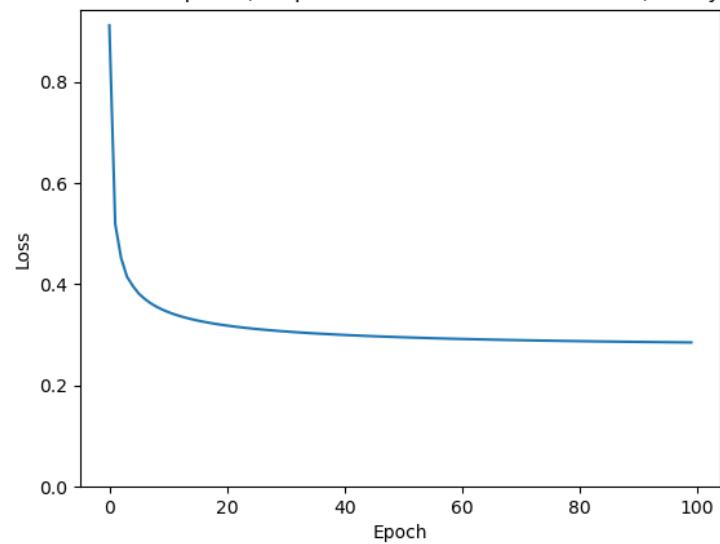
Loss over 100 epochs, step size=0.0100999999998, decay=0.03



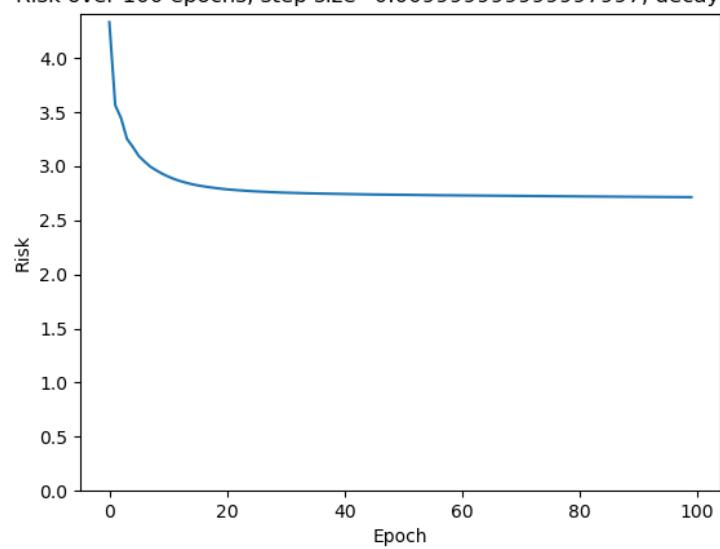
Risk over 100 epochs, step size=0.0100999999998, decay=0.03



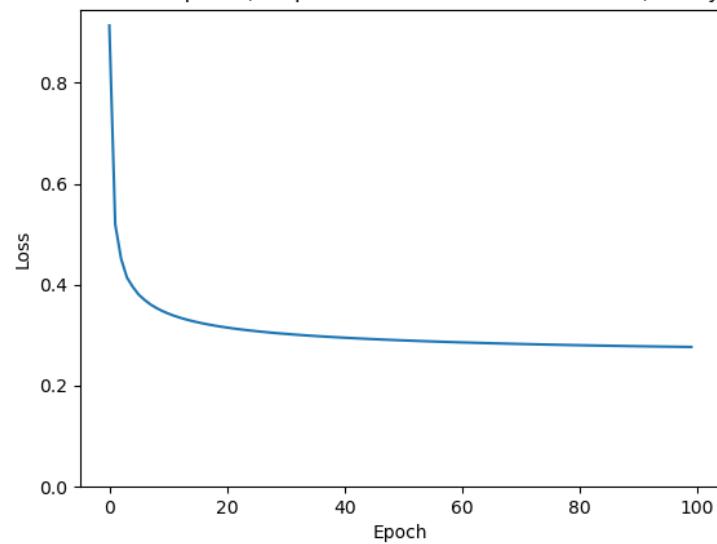
Loss over 100 epochs, step size=0.0099999999997997, decay=0.03



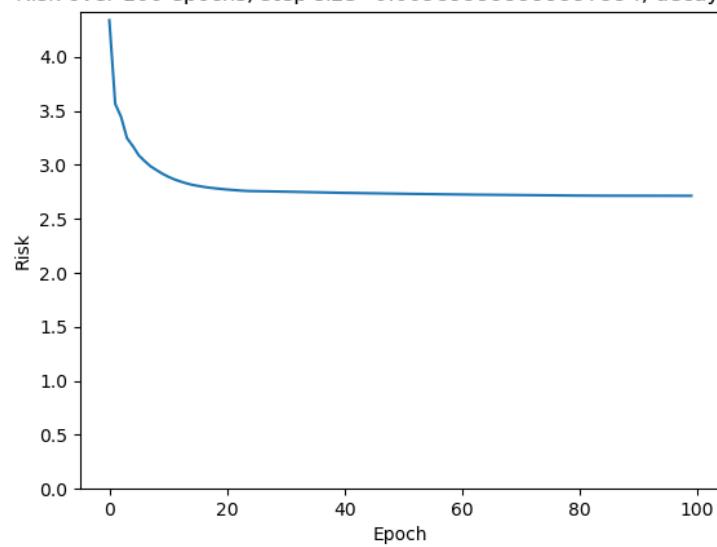
Risk over 100 epochs, step size=0.0099999999997997, decay=0.03



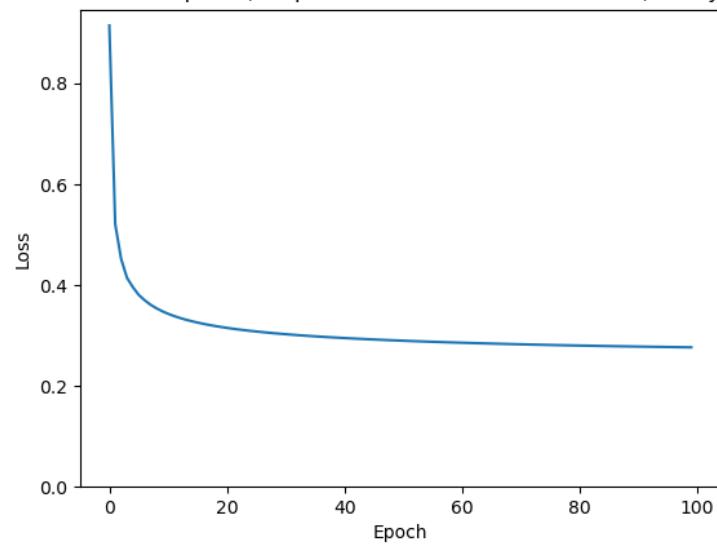
Loss over 100 epochs, step size=0.0098999999997994, decay=0.01



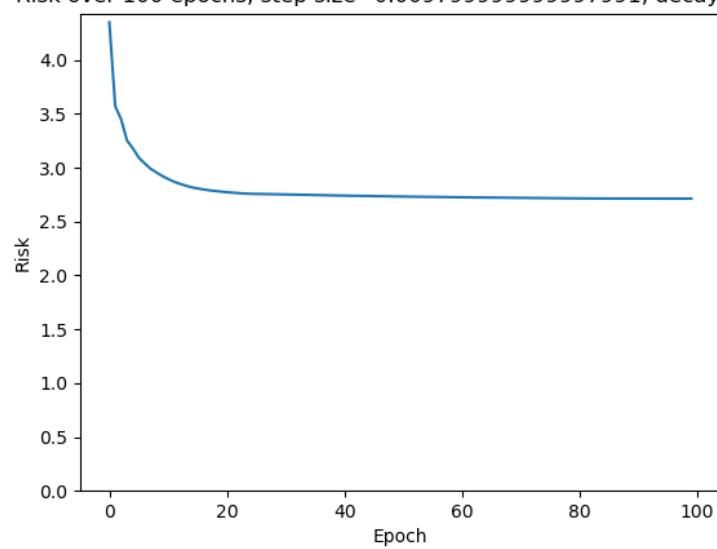
Risk over 100 epochs, step size=0.0098999999997994, decay=0.01



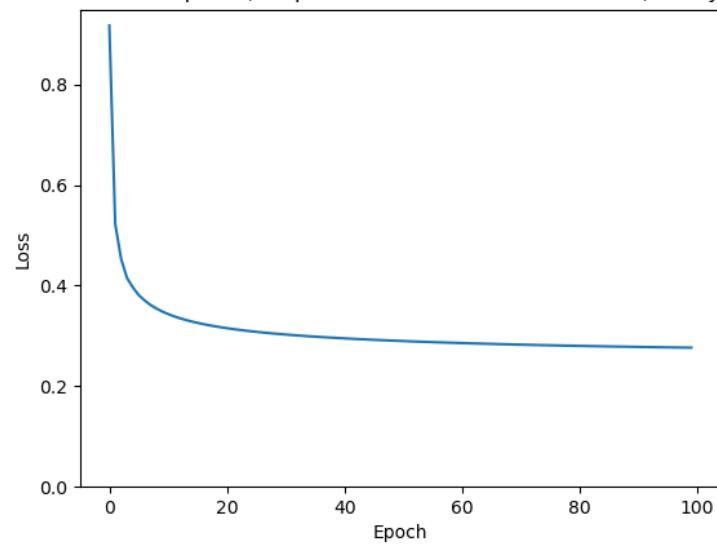
Loss over 100 epochs, step size=0.0097999999997991, decay=0.01



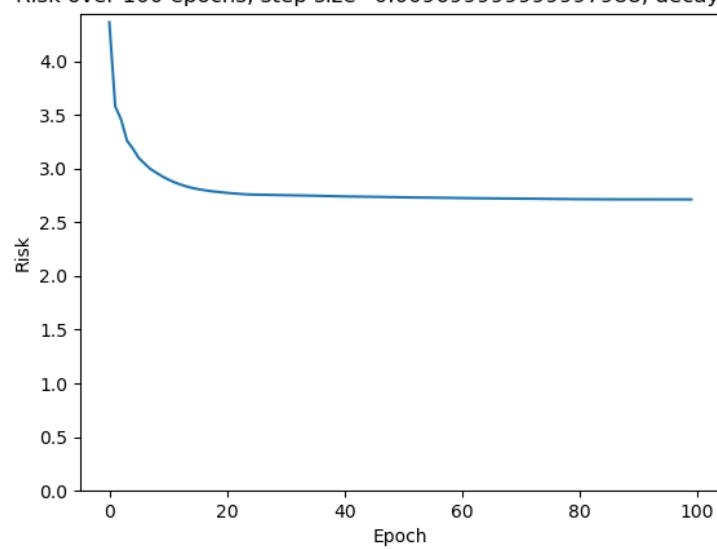
Risk over 100 epochs, step size=0.0097999999997991, decay=0.01



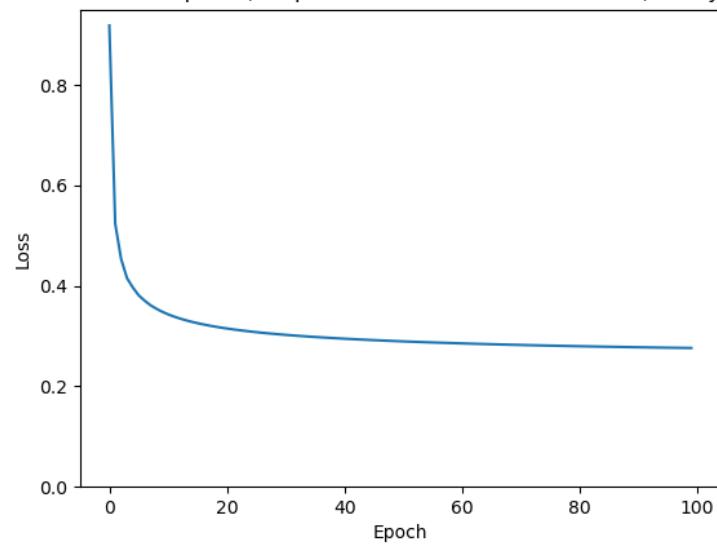
Loss over 100 epochs, step size=0.00969999999997988, decay=0.01



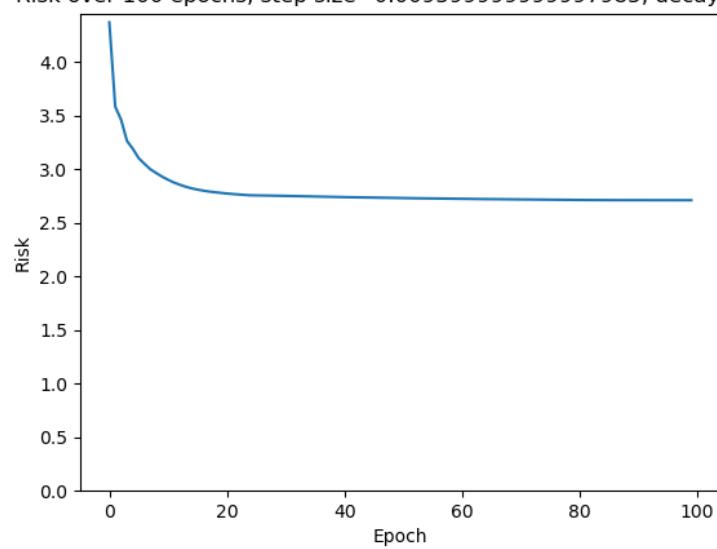
Risk over 100 epochs, step size=0.00969999999997988, decay=0.01



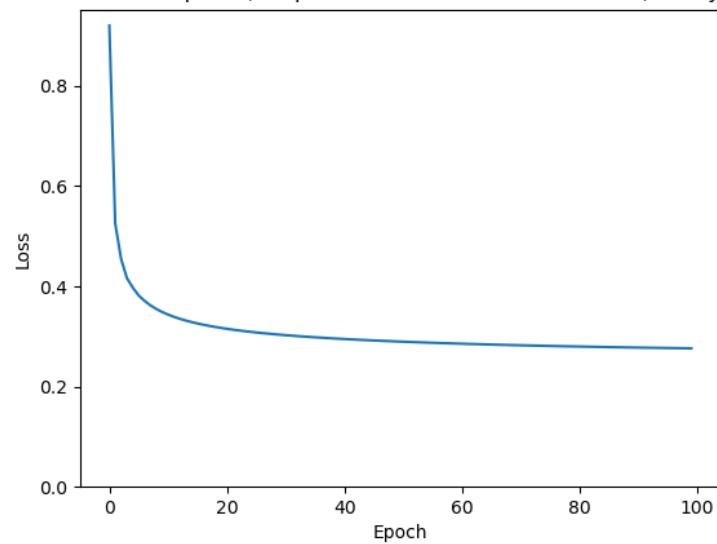
Loss over 100 epochs, step size=0.00959999999997985, decay=0.01



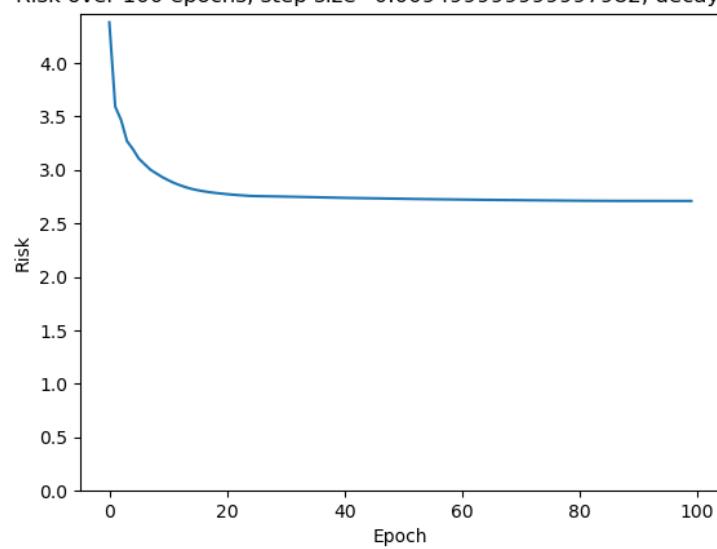
Risk over 100 epochs, step size=0.00959999999997985, decay=0.01



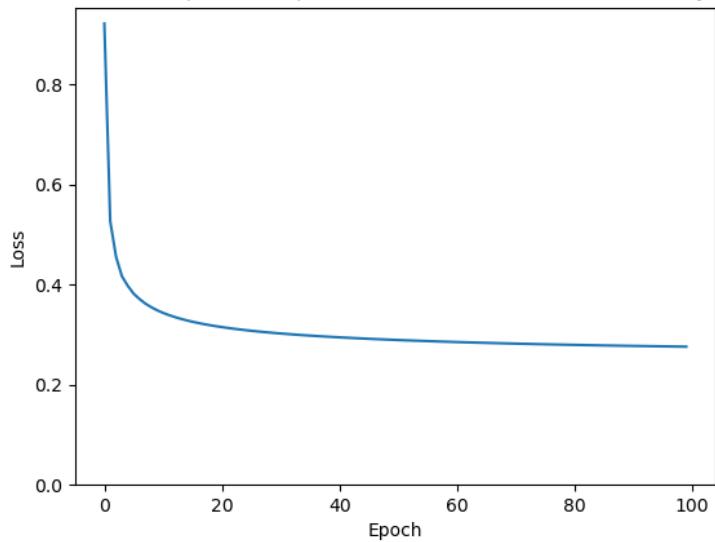
Loss over 100 epochs, step size=0.0094999999997982, decay=0.01



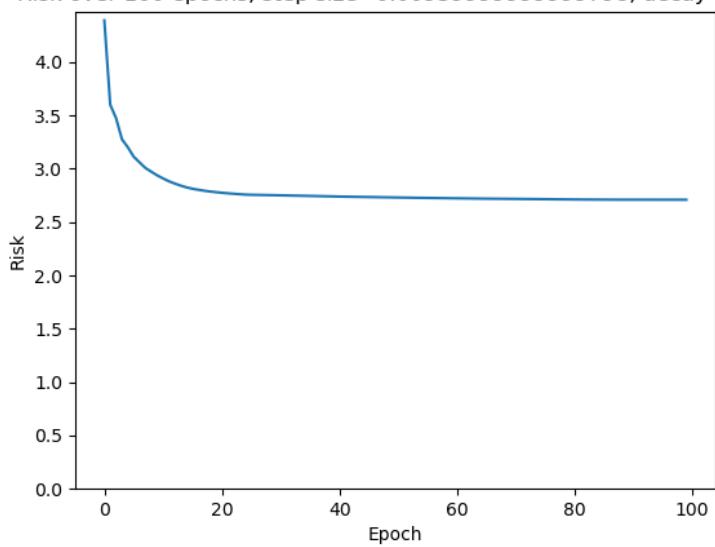
Risk over 100 epochs, step size=0.0094999999997982, decay=0.01



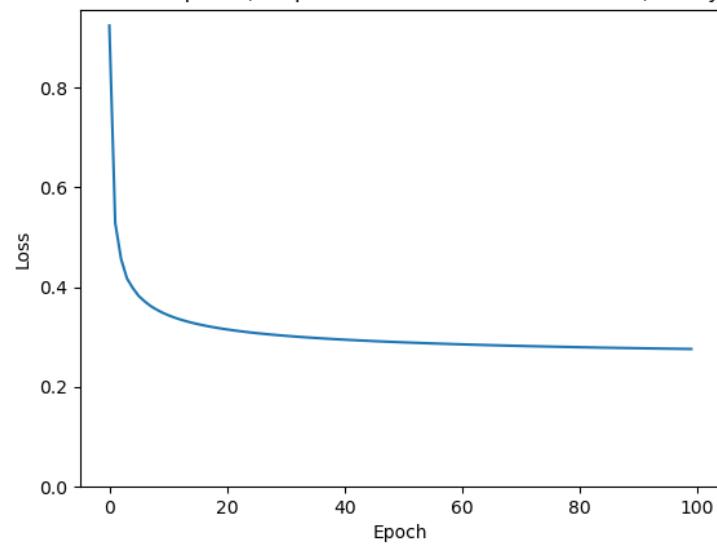
Loss over 100 epochs, step size=0.0093999999999798, decay=0.01



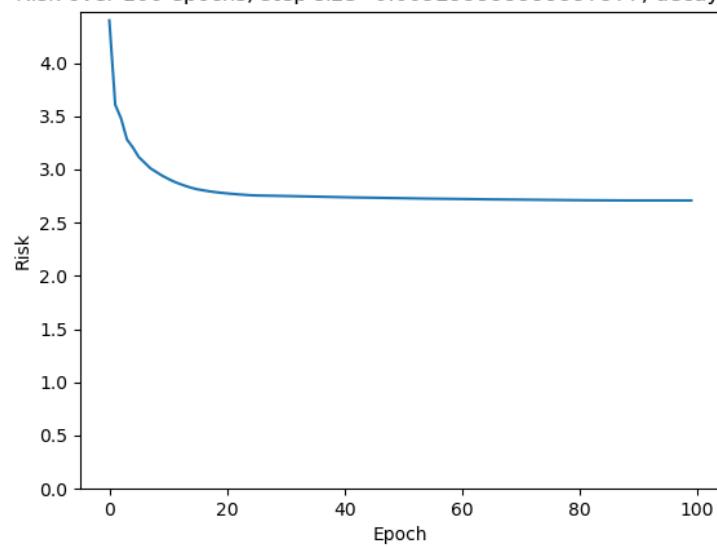
Risk over 100 epochs, step size=0.0093999999999798, decay=0.01



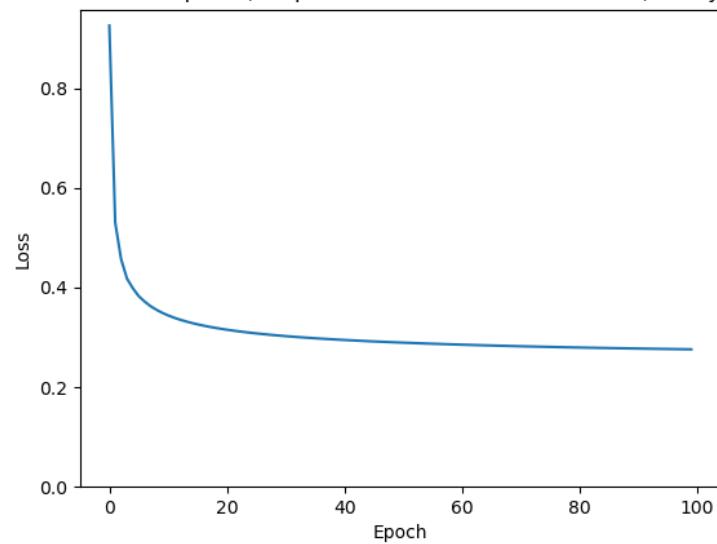
Loss over 100 epochs, step size=0.0092999999997977, decay=0.01



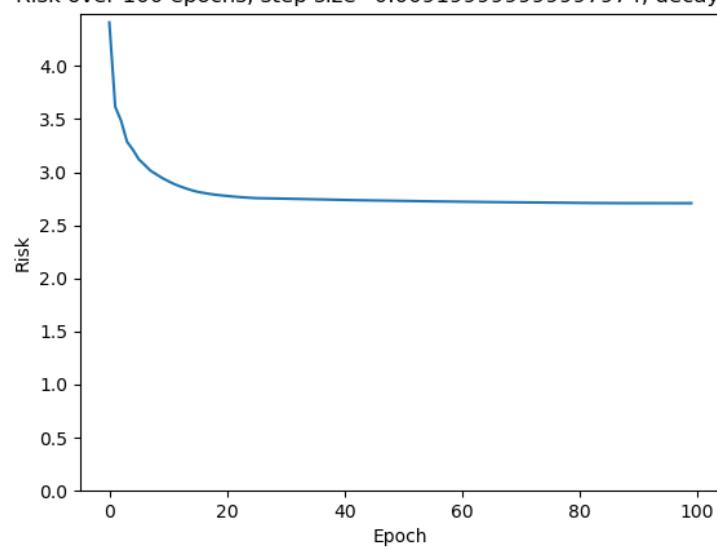
Risk over 100 epochs, step size=0.0092999999997977, decay=0.01



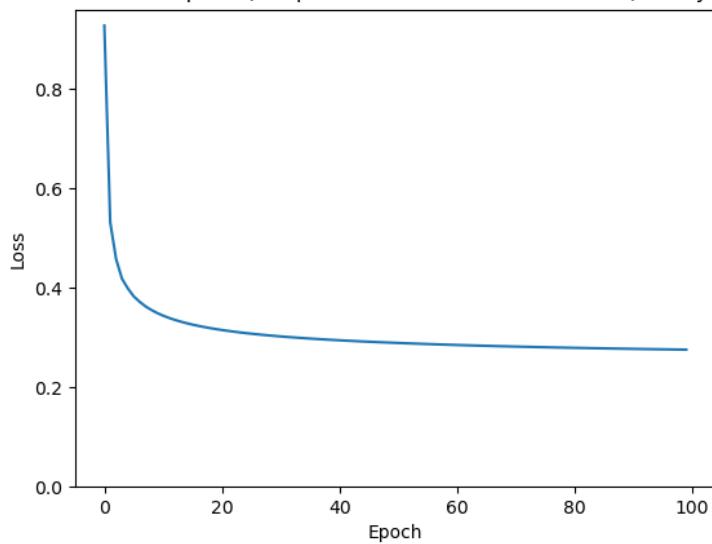
Loss over 100 epochs, step size=0.0091999999997974, decay=0.01



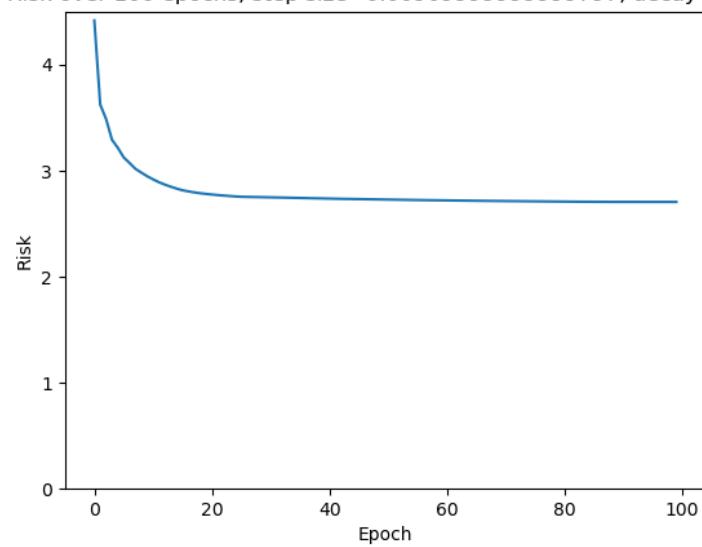
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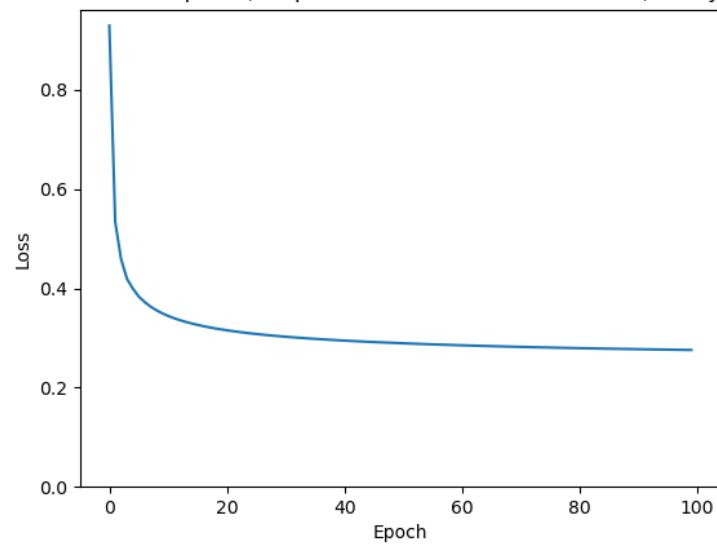
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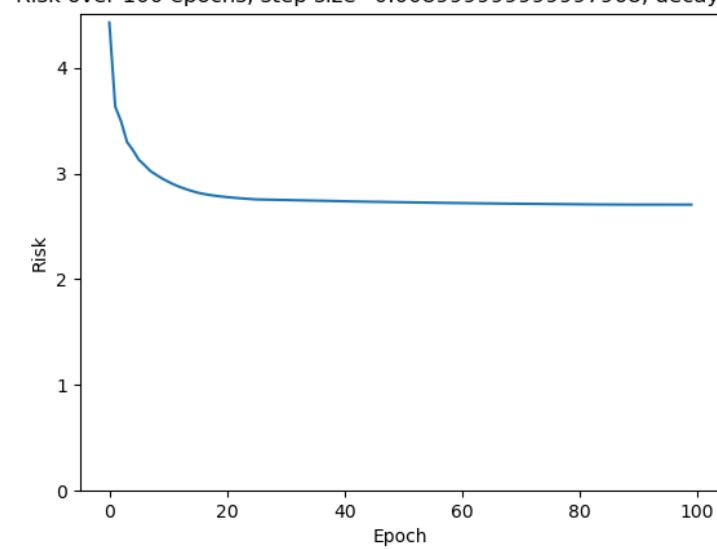
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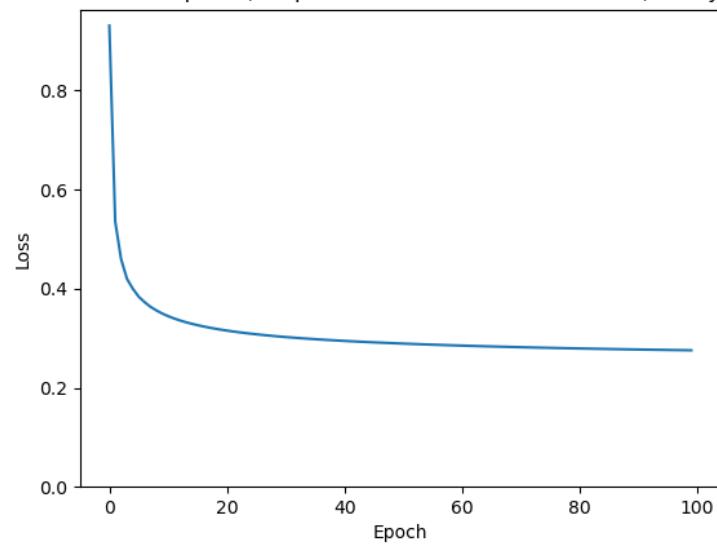
Loss over 100 epochs, step size=0.00899999999997968, decay=0.01



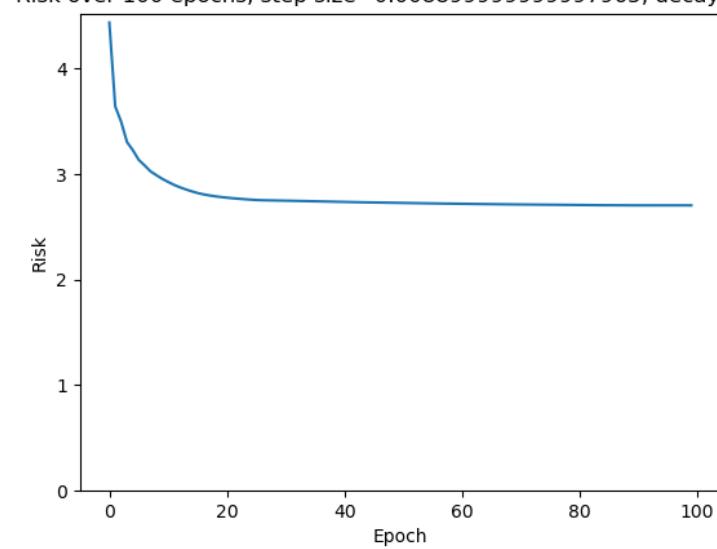
Risk over 100 epochs, step size=0.00899999999997968, decay=0.01



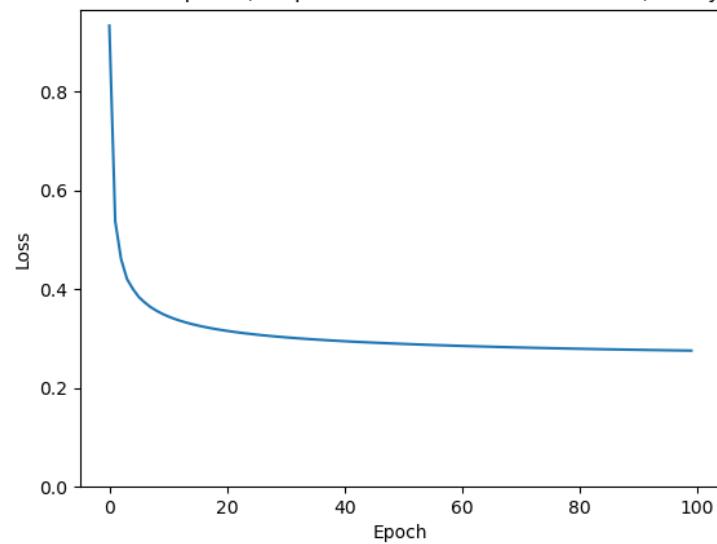
Loss over 100 epochs, step size=0.00889999999997965, decay=0.01



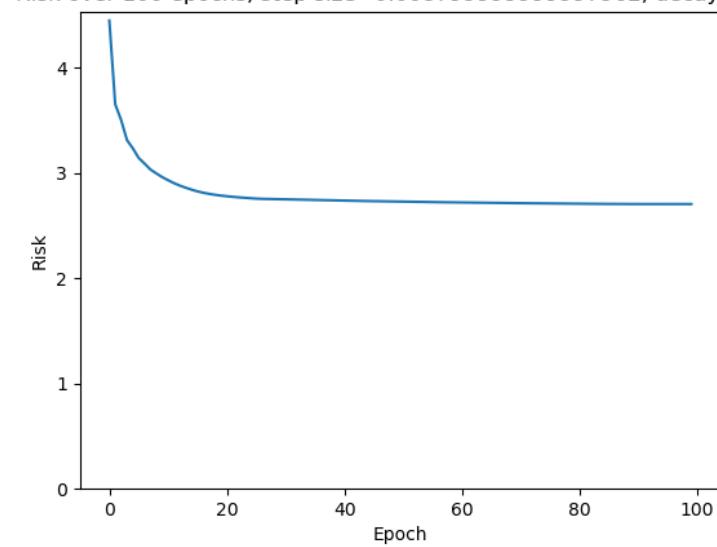
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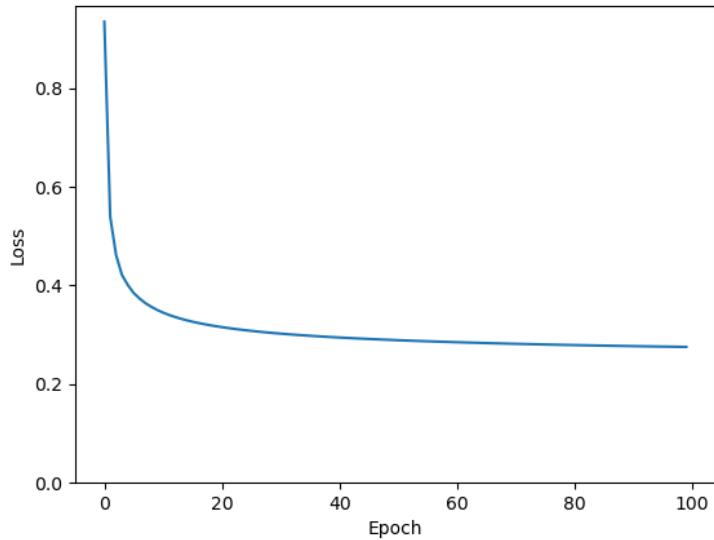
Loss over 100 epochs, step size=0.0087999999997962, decay=0.01



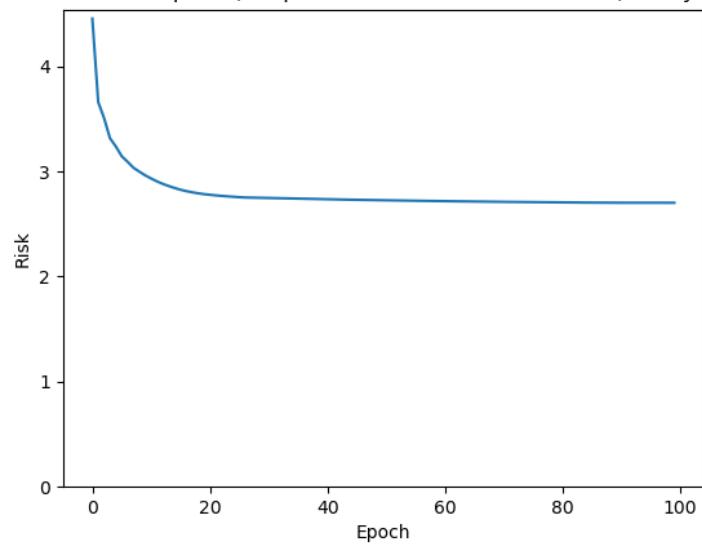
Risk over 100 epochs, step size=0.0087999999997962, decay=0.01



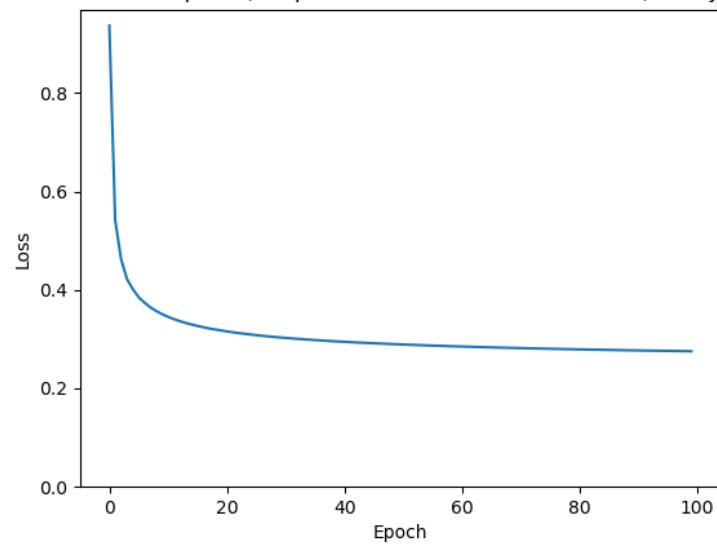
Loss over 100 epochs, step size=0.0086999999999796, decay=0.01



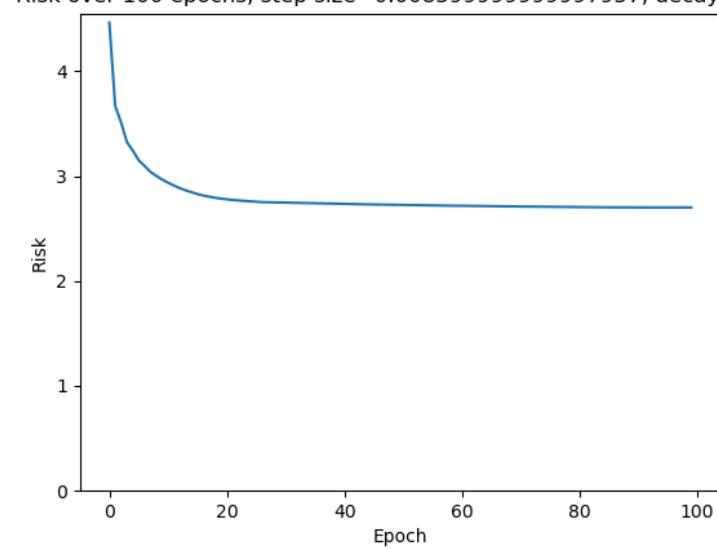
Risk over 100 epochs, step size=0.0086999999999796, decay=0.01



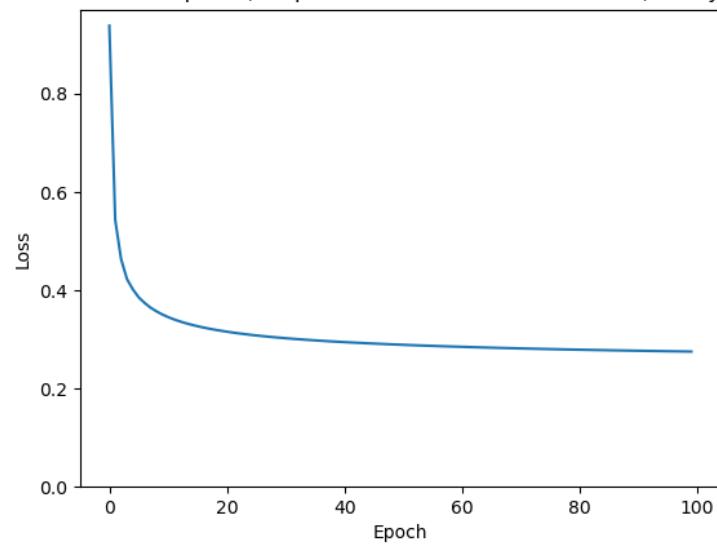
Loss over 100 epochs, step size=0.00859999999997957, decay=0.01



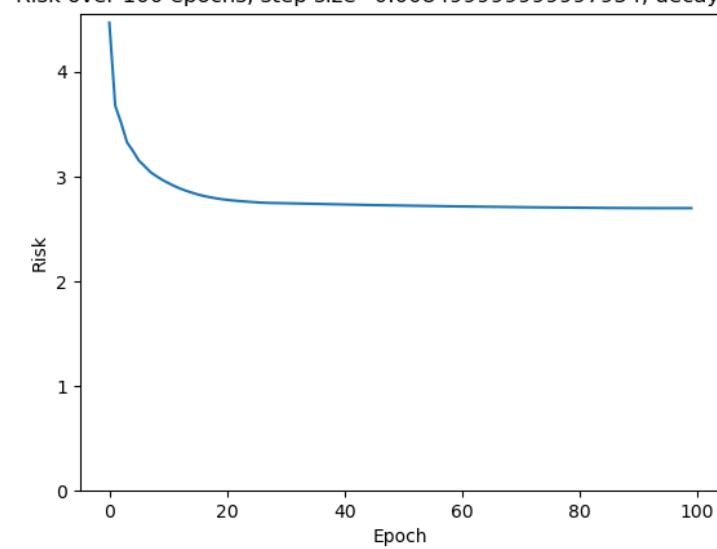
Risk over 100 epochs, step size=0.00859999999997957, decay=0.01



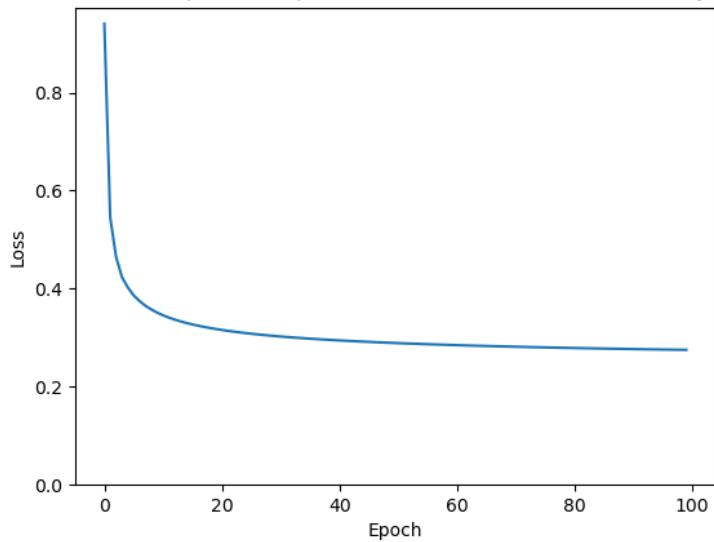
Loss over 100 epochs, step size=0.0084999999997954, decay=0.01



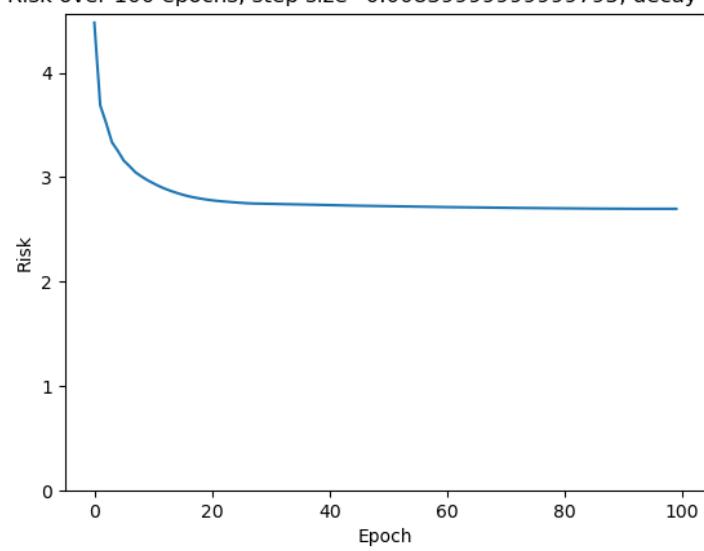
Risk over 100 epochs, step size=0.0084999999997954, decay=0.01



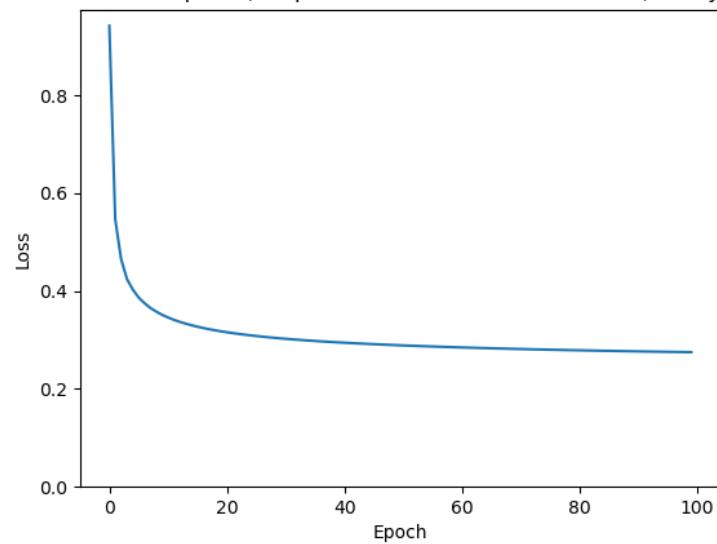
Loss over 100 epochs, step size=0.0083999999999795, decay=0.01



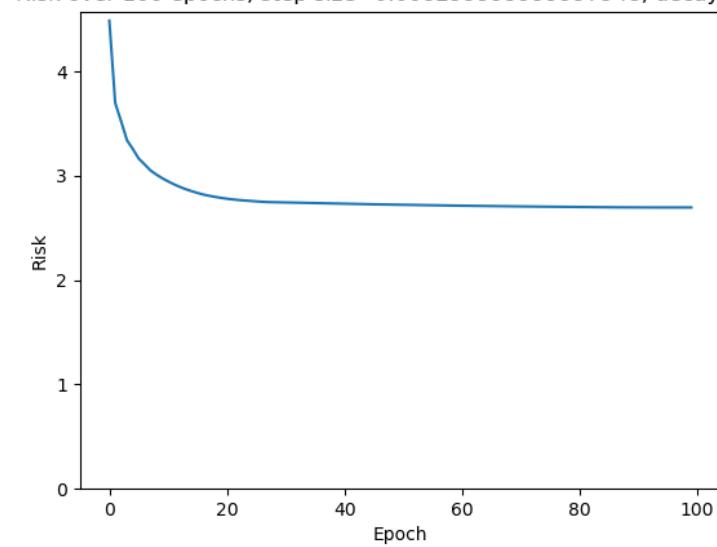
Risk over 100 epochs, step size=0.0083999999999795, decay=0.01



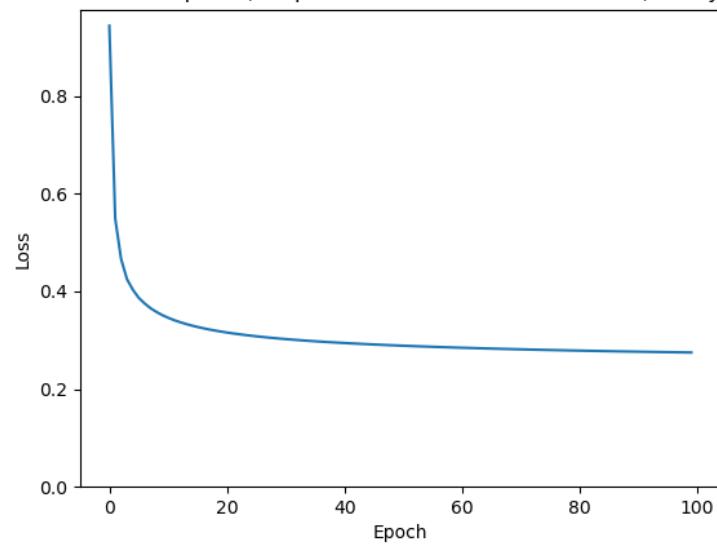
Loss over 100 epochs, step size=0.0082999999997948, decay=0.01



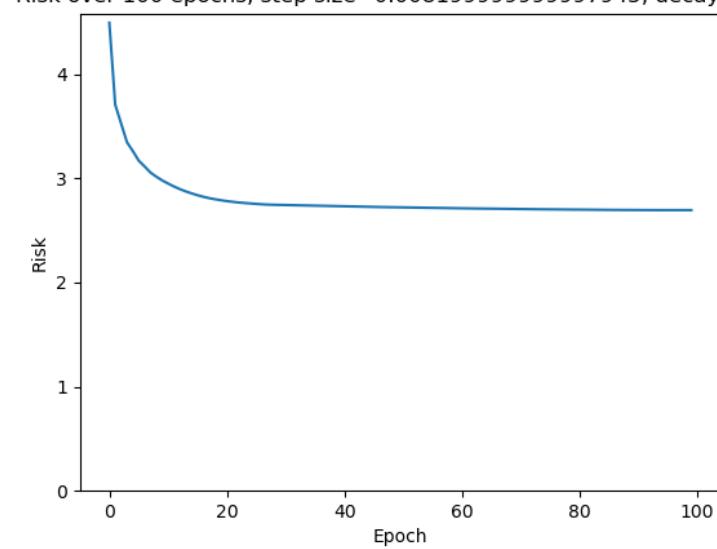
Risk over 100 epochs, step size=0.0082999999997948, decay=0.01



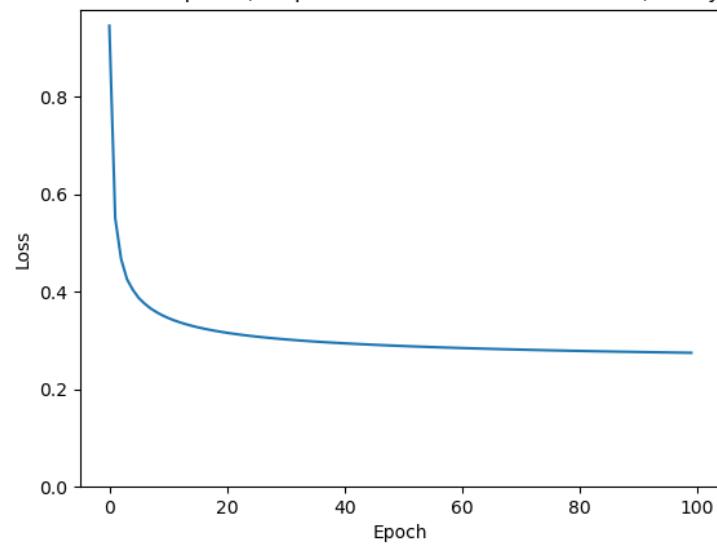
Loss over 100 epochs, step size=0.0081999999997945, decay=0.01



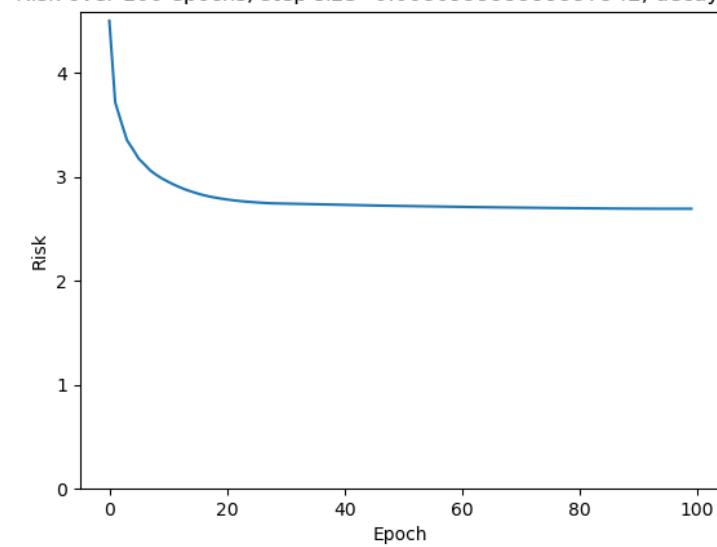
Risk over 100 epochs, step size=0.0081999999997945, decay=0.01



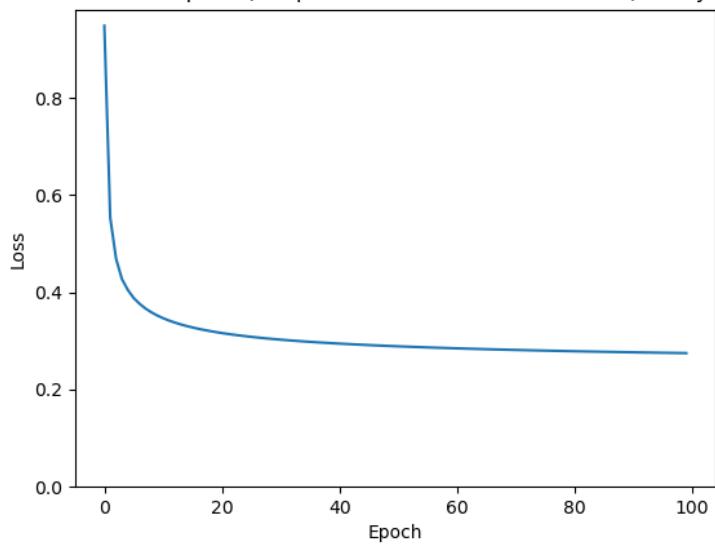
Loss over 100 epochs, step size=0.0080999999997942, decay=0.01



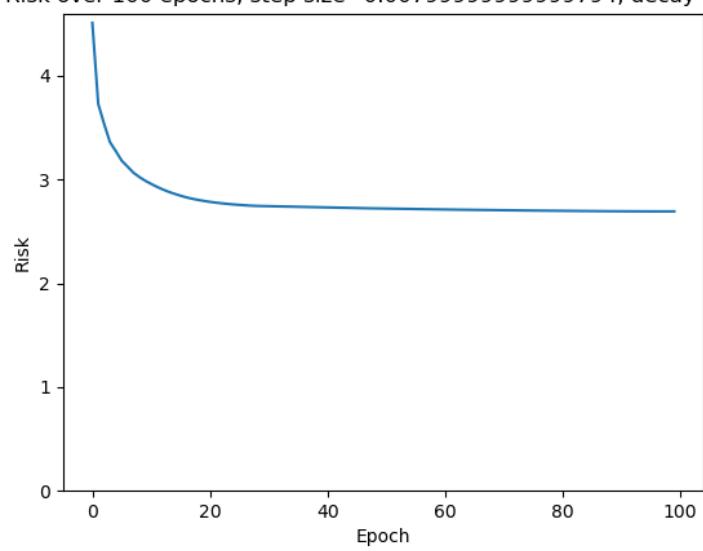
Risk over 100 epochs, step size=0.0080999999997942, decay=0.01



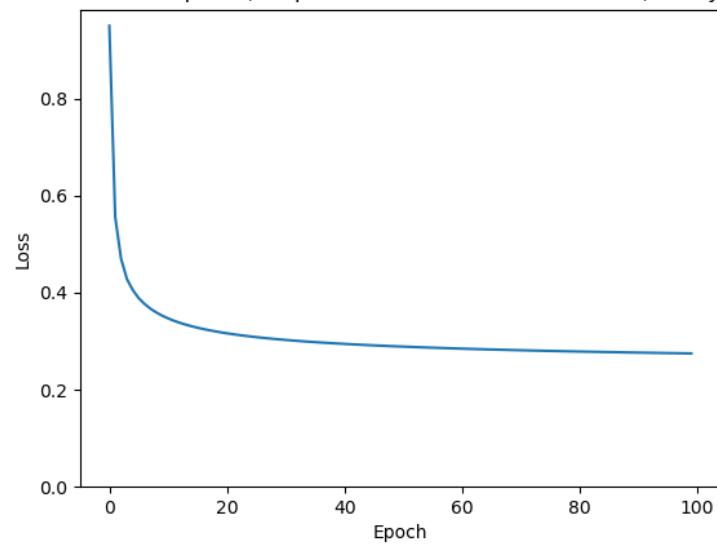
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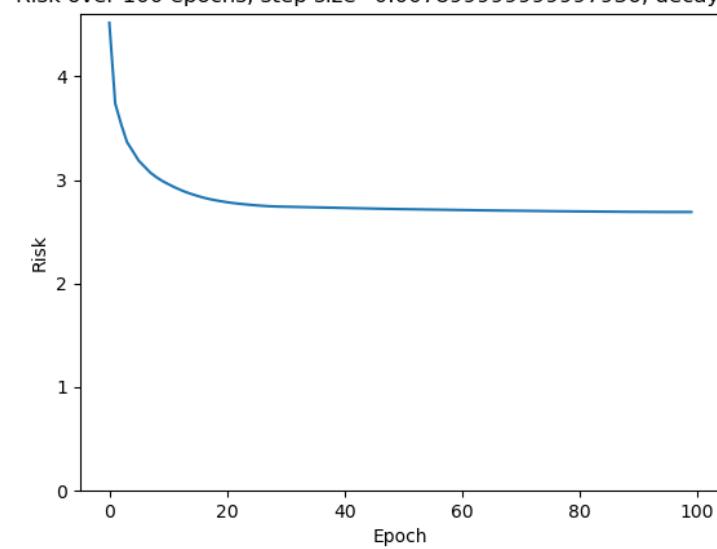
Risk over 100 epochs, step size=0.0079999999999794, decay=0.01



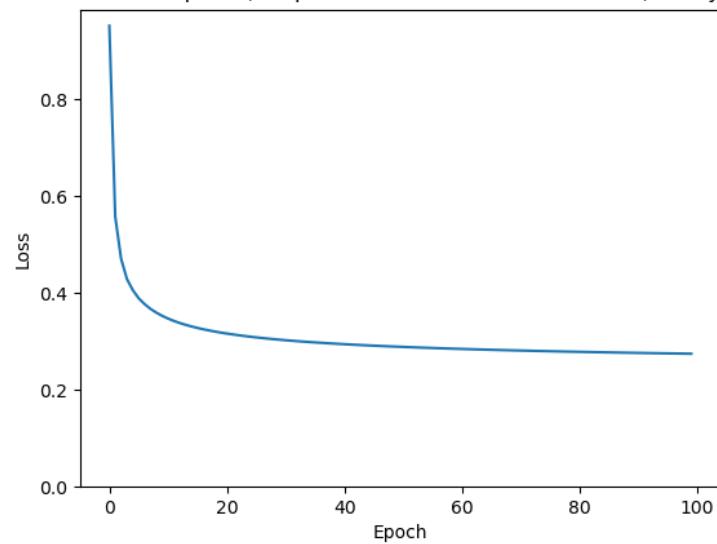
Loss over 100 epochs, step size=0.0078999999997936, decay=0.01



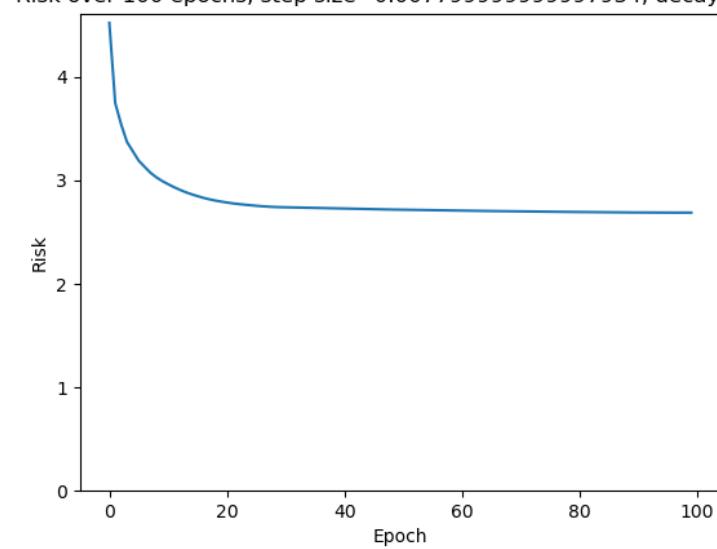
Risk over 100 epochs, step size=0.0078999999997936, decay=0.01



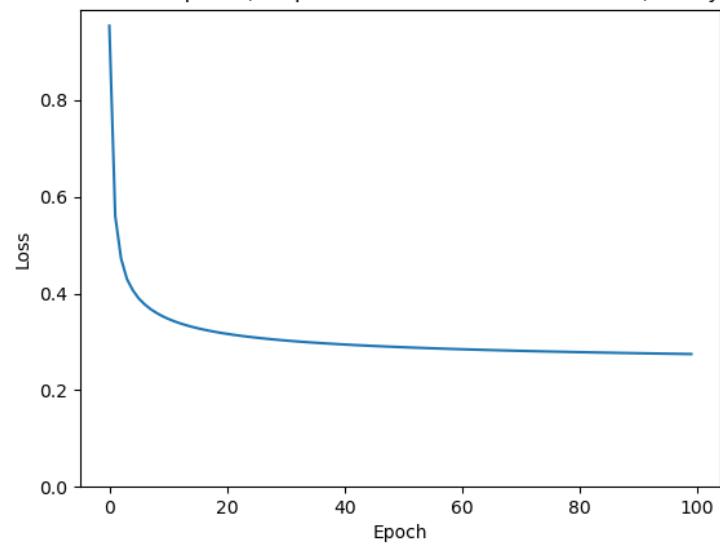
Loss over 100 epochs, step size=0.00779999999997934, decay=0.01



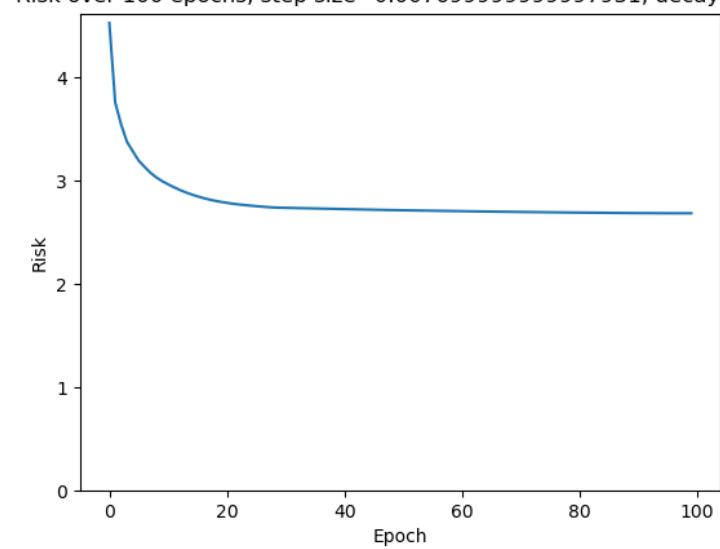
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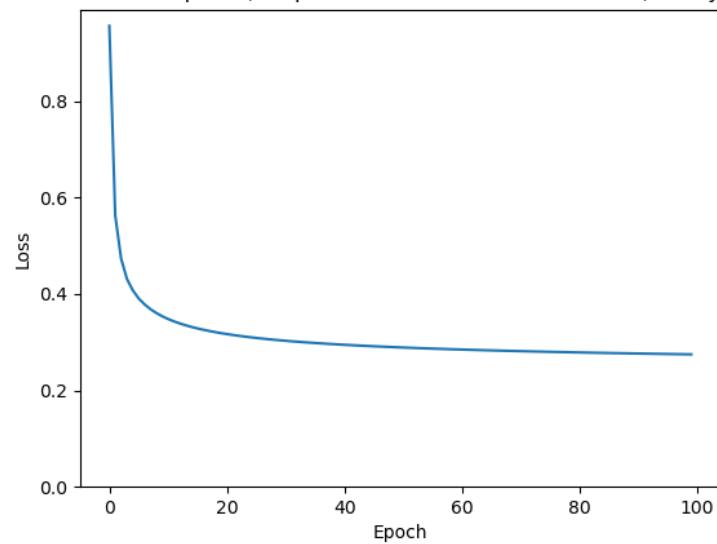
Loss over 100 epochs, step size=0.00769999999997931, decay=0.01



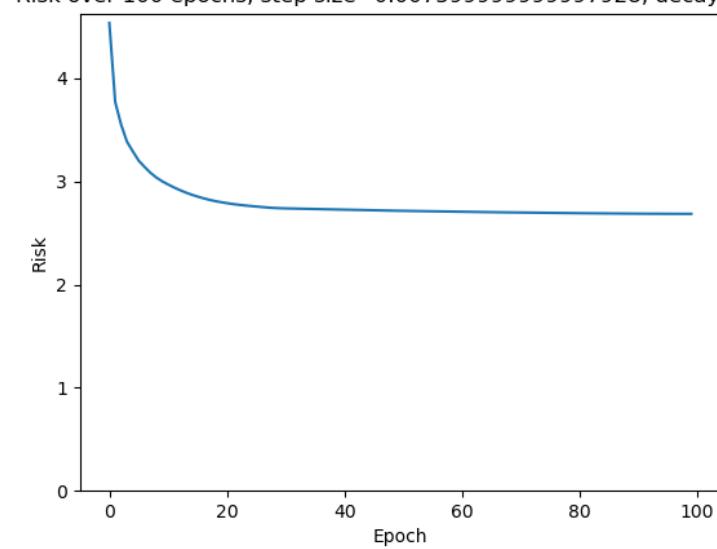
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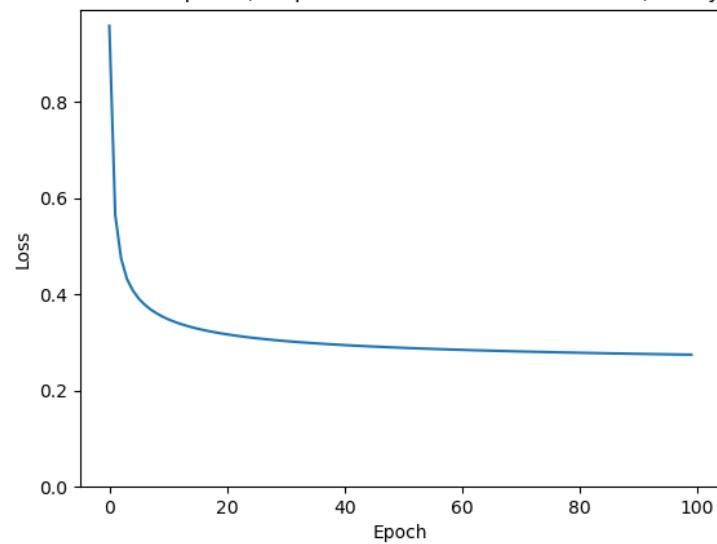
Loss over 100 epochs, step size=0.00759999999997928, decay=0.01



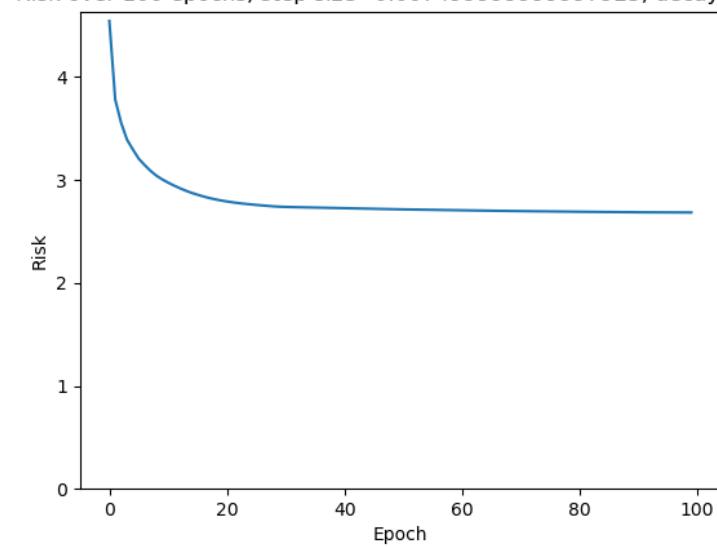
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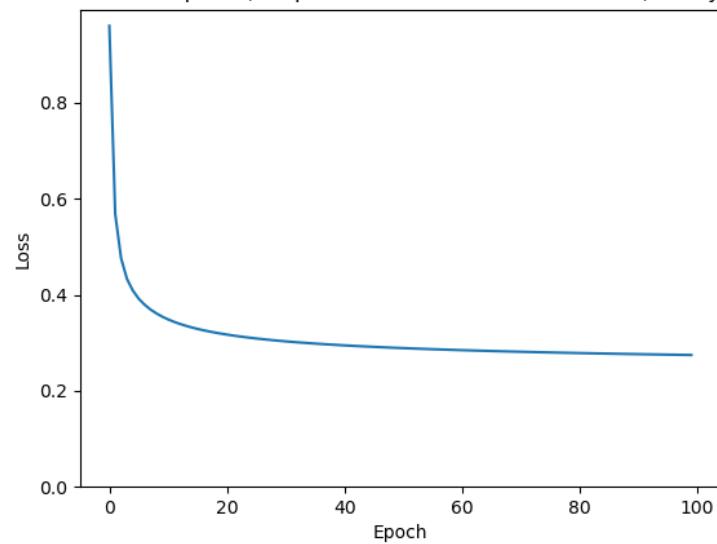
Loss over 100 epochs, step size=0.0074999999997925, decay=0.01



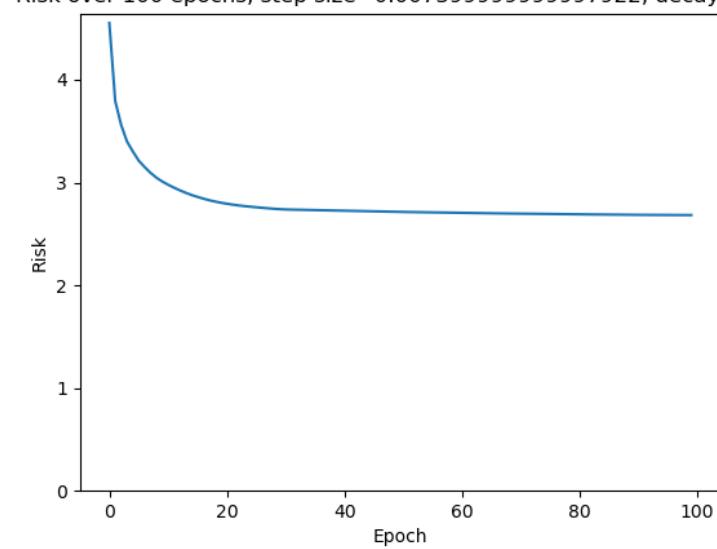
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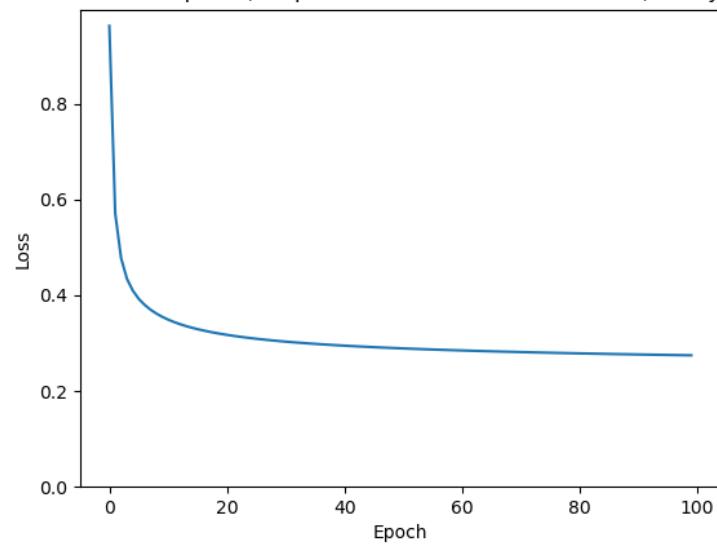
Loss over 100 epochs, step size=0.0073999999997922, decay=0.01



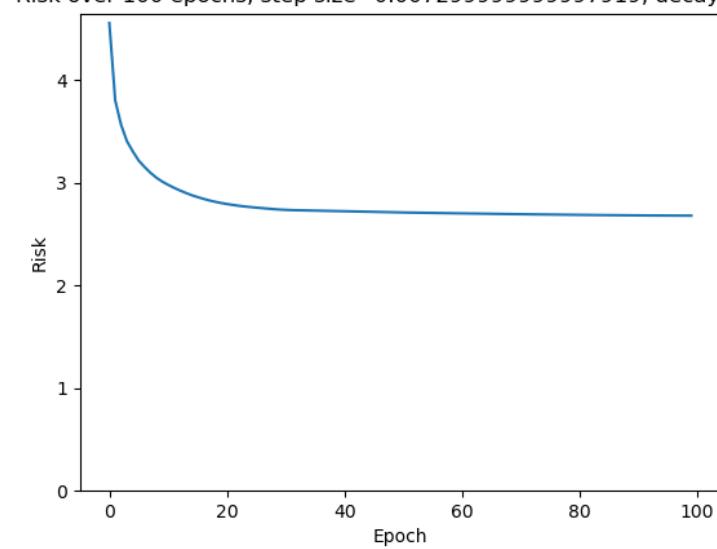
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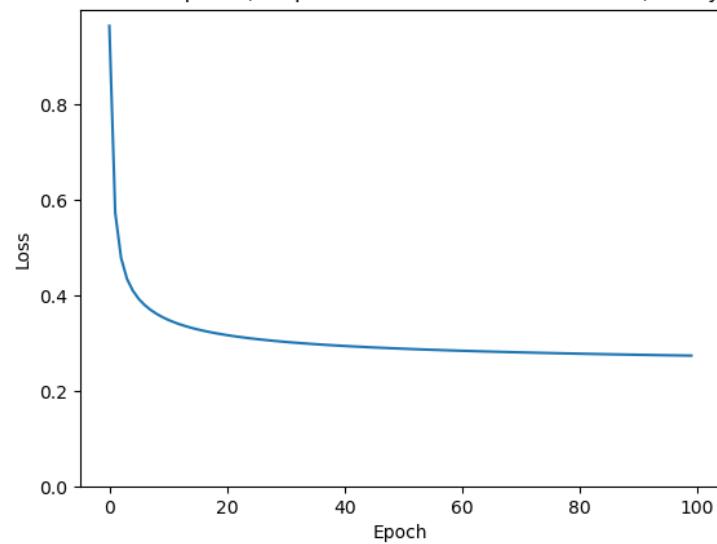
Loss over 100 epochs, step size=0.0072999999997919, decay=0.01



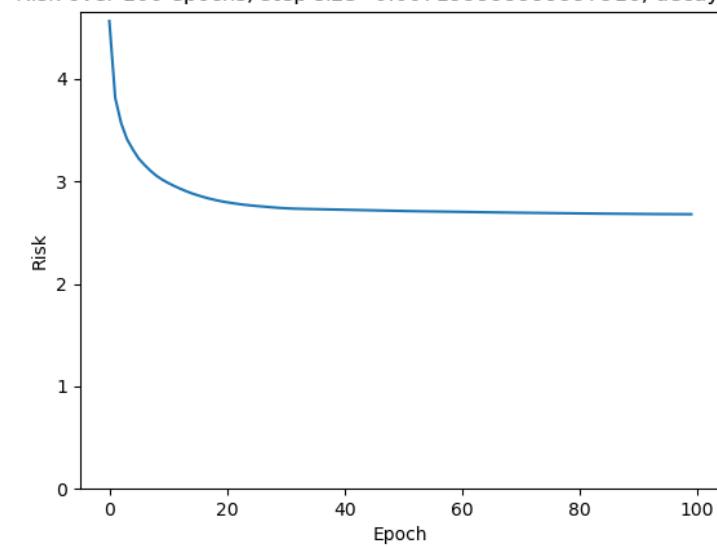
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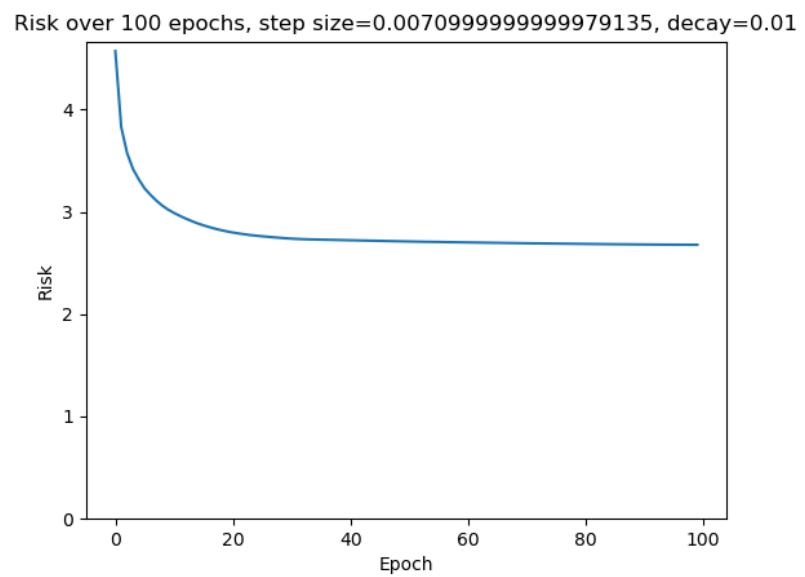
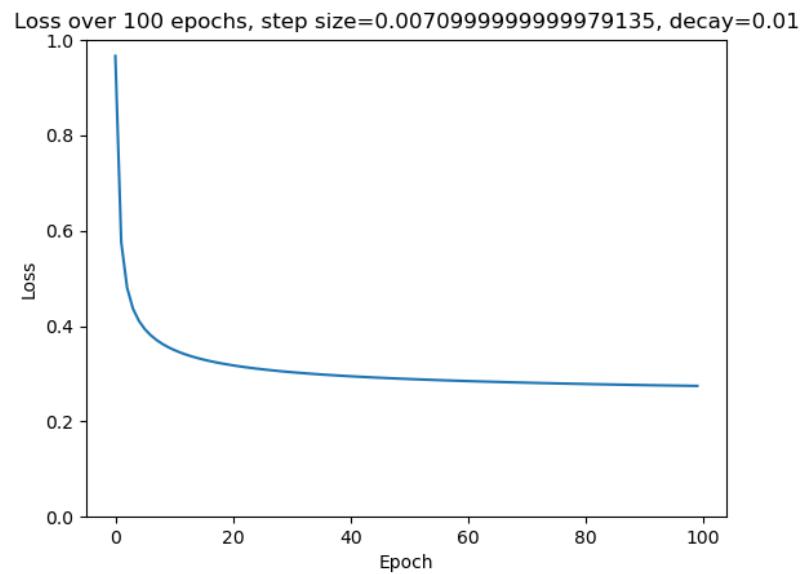


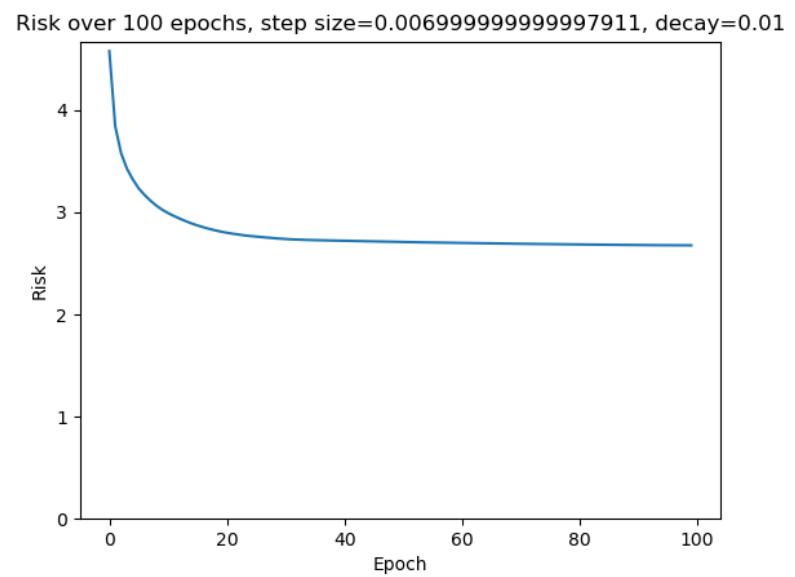
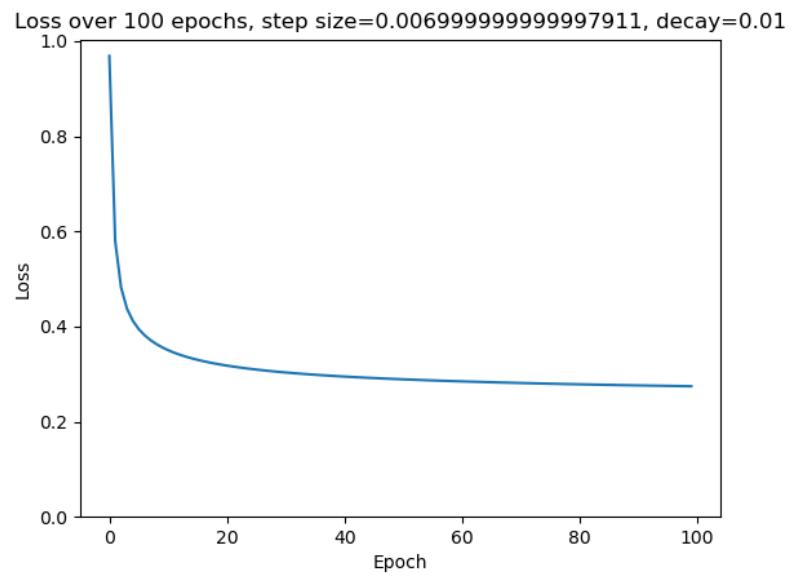
Loss over 100 epochs, step size=0.0071999999997916, decay=0.01

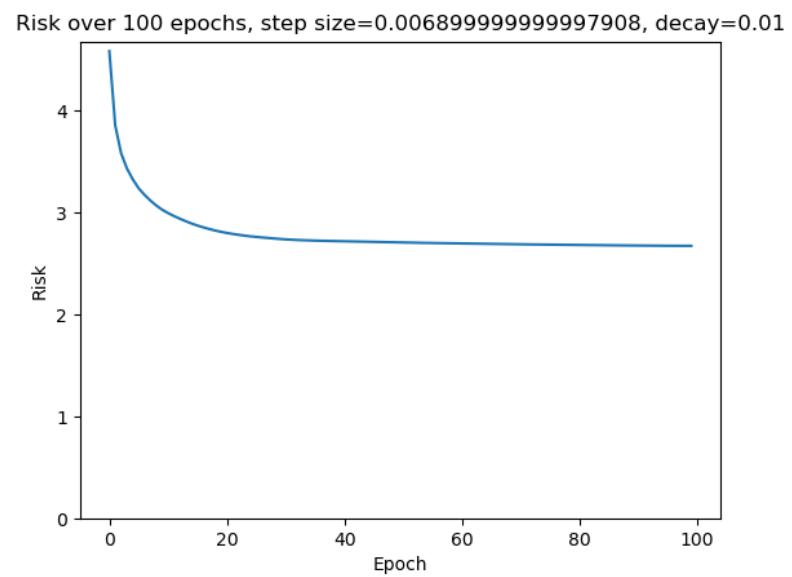
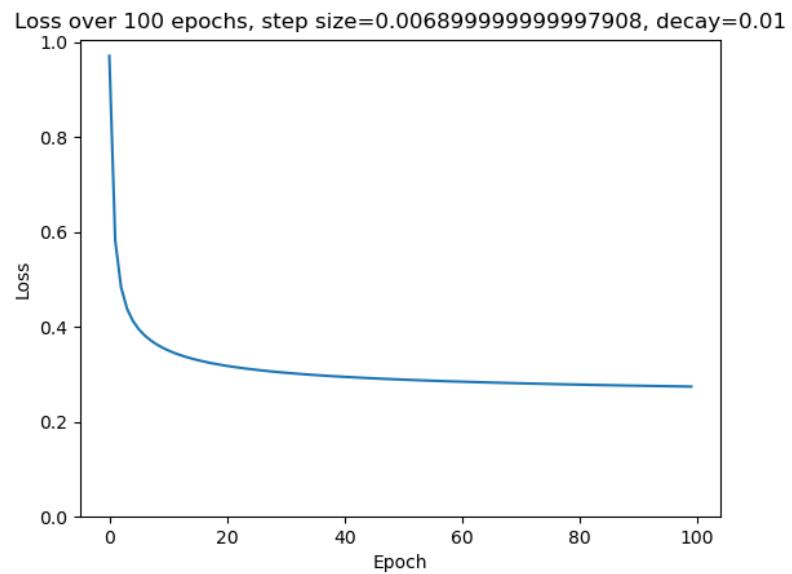


Risk over 100 epochs, step size=0.0071999999997916, decay=0.01

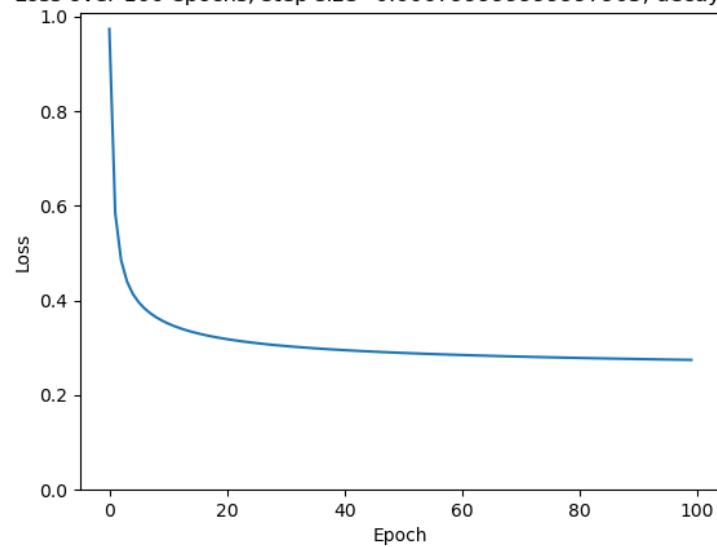




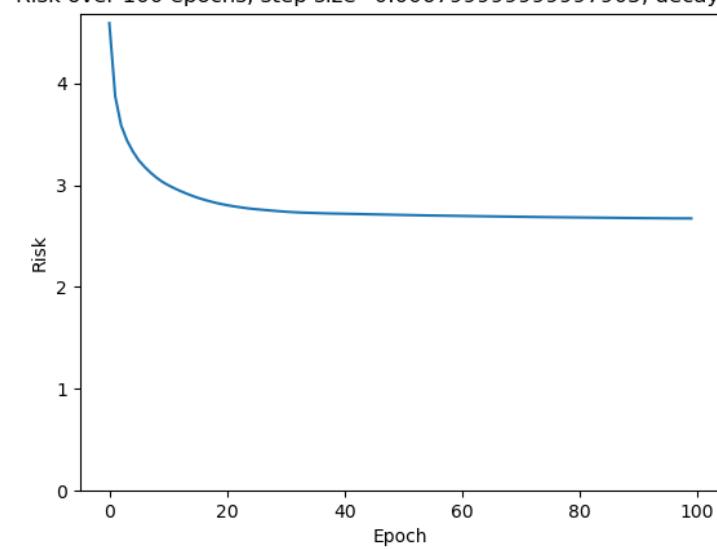




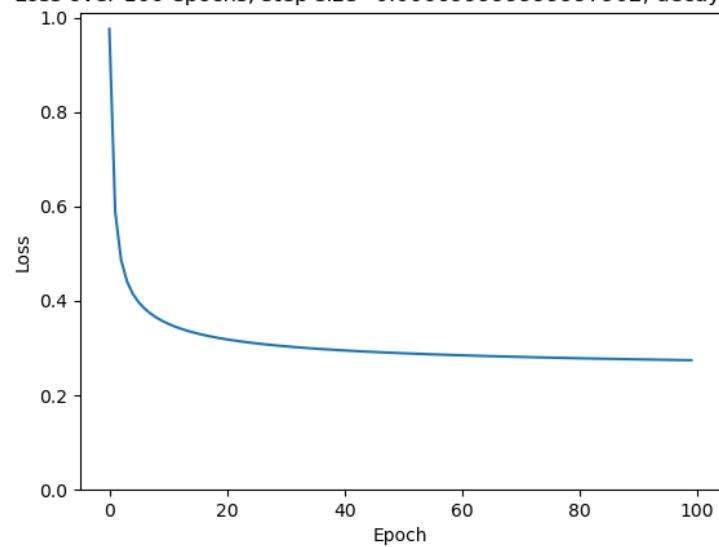
Loss over 100 epochs, step size=0.00679999999997905, decay=0.01



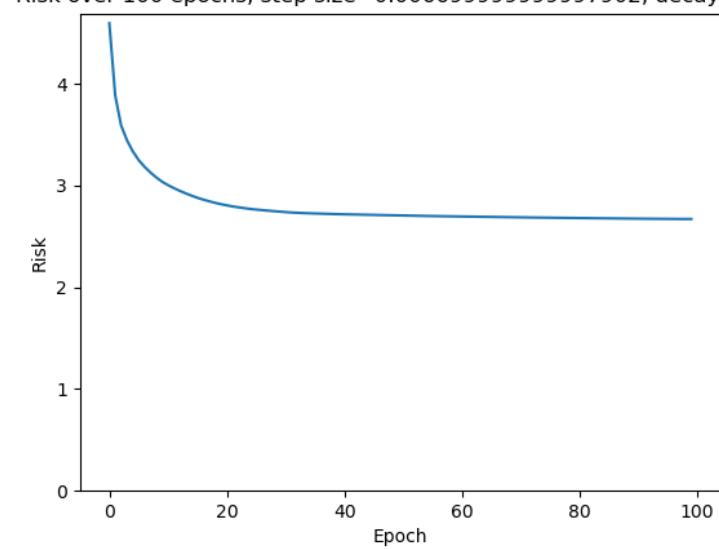
Risk over 100 epochs, step size=0.00679999999997905, decay=0.01



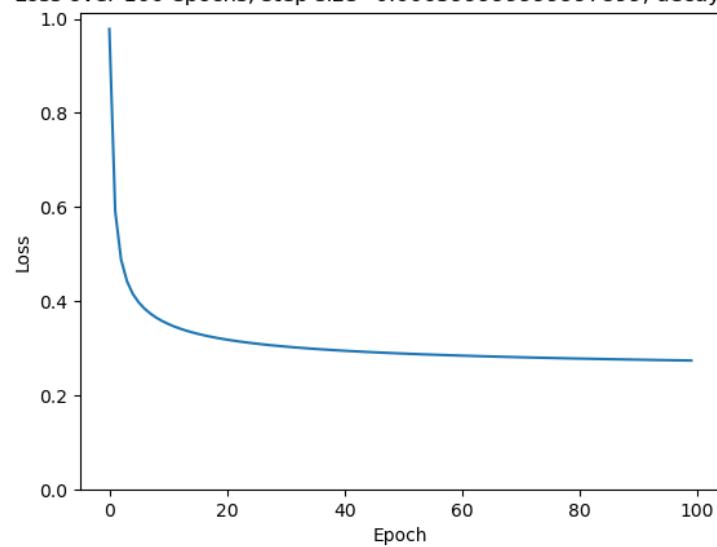
Loss over 100 epochs, step size=0.00669999999997902, decay=0.01



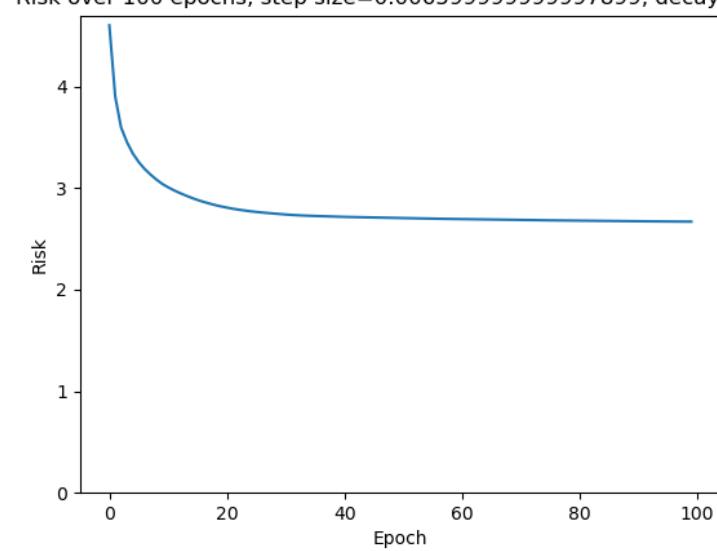
Risk over 100 epochs, step size=0.00669999999997902, decay=0.01



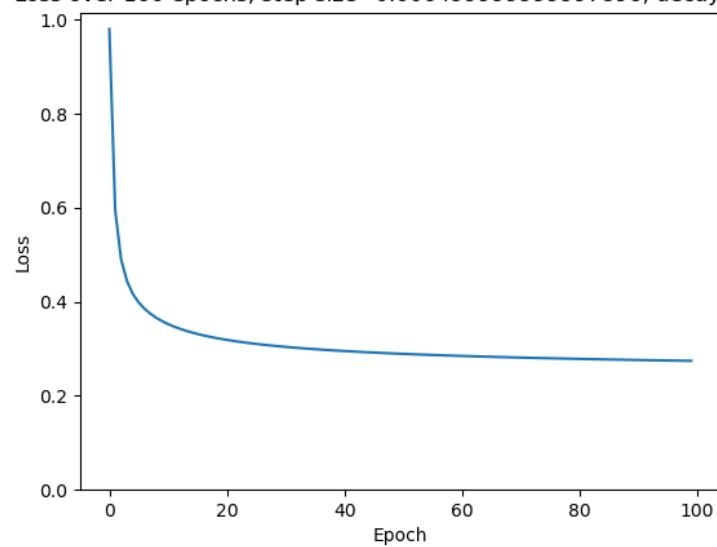
Loss over 100 epochs, step size=0.00659999999997899, decay=0.01



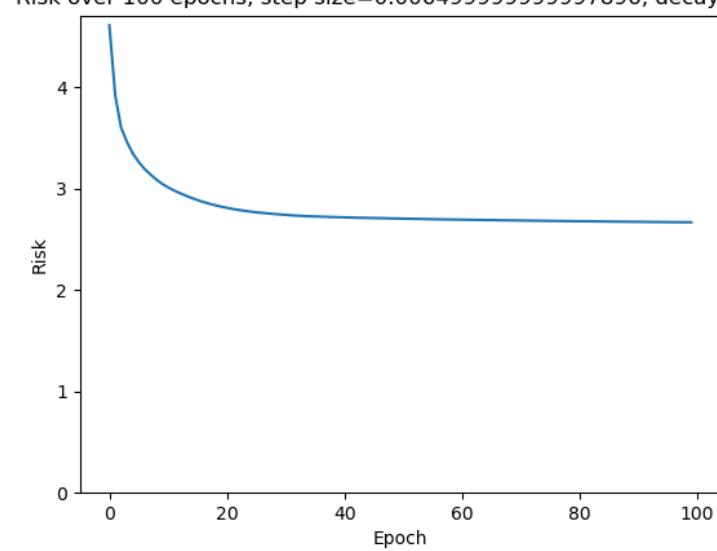
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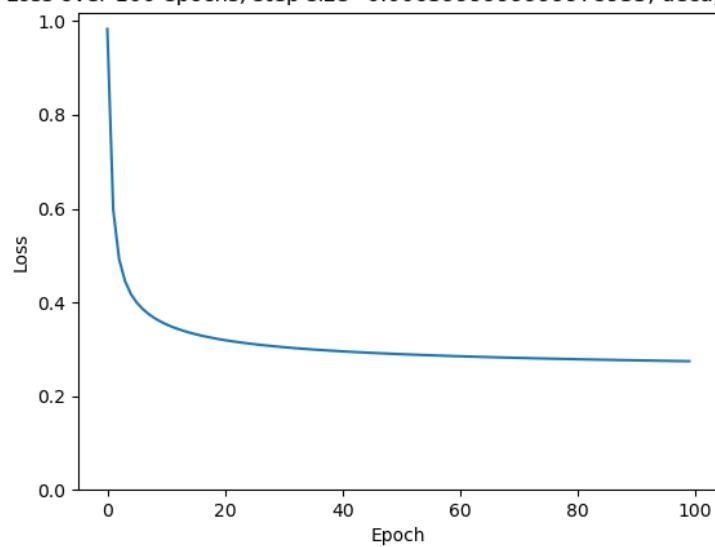
Loss over 100 epochs, step size=0.0064999999997896, decay=0.01



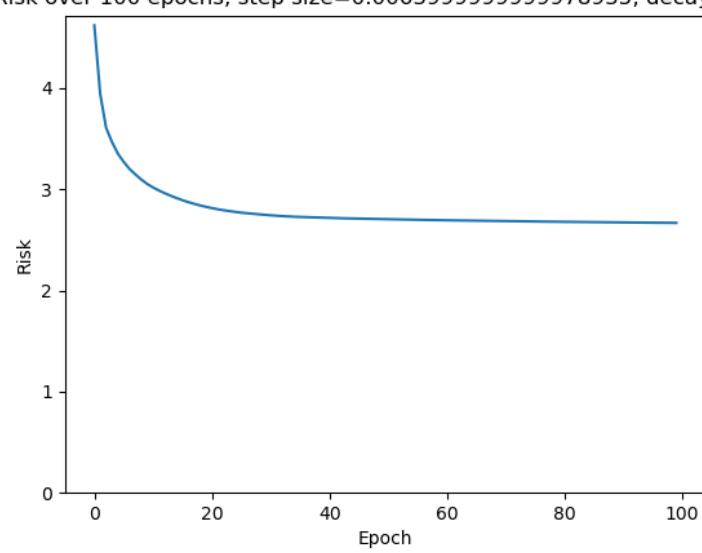
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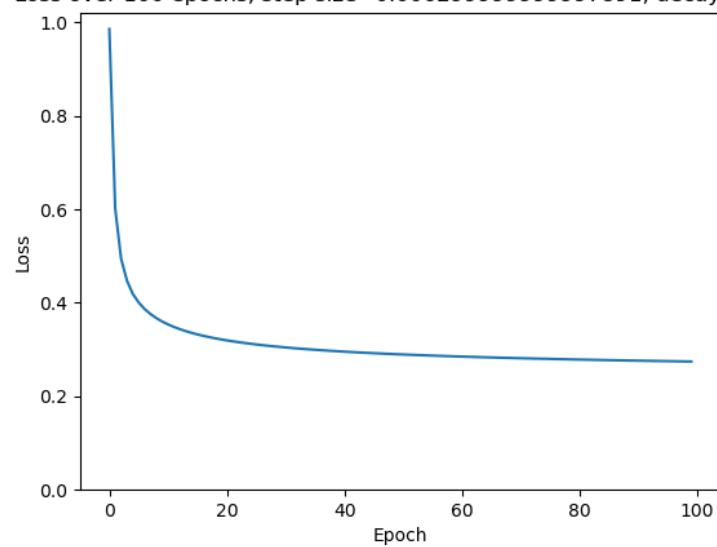
Loss over 100 epochs, step size=0.006399999999978935, decay=0.01



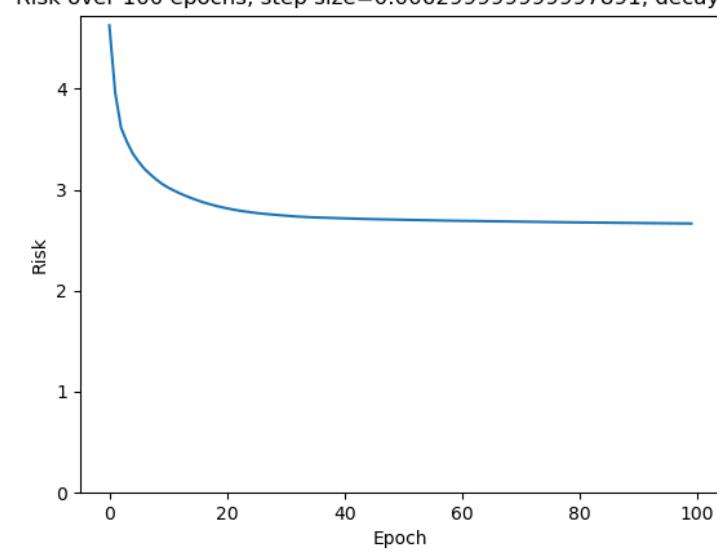
Risk over 100 epochs, step size=0.006399999999978935, decay=0.01



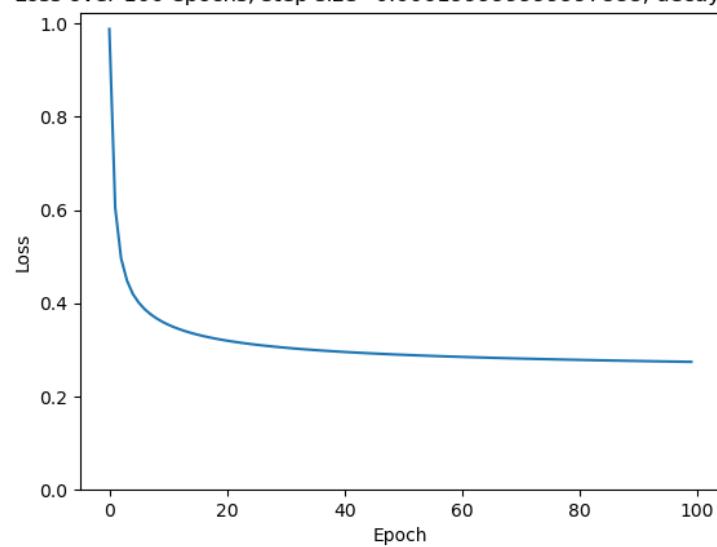
Loss over 100 epochs, step size=0.00629999999997891, decay=0.01



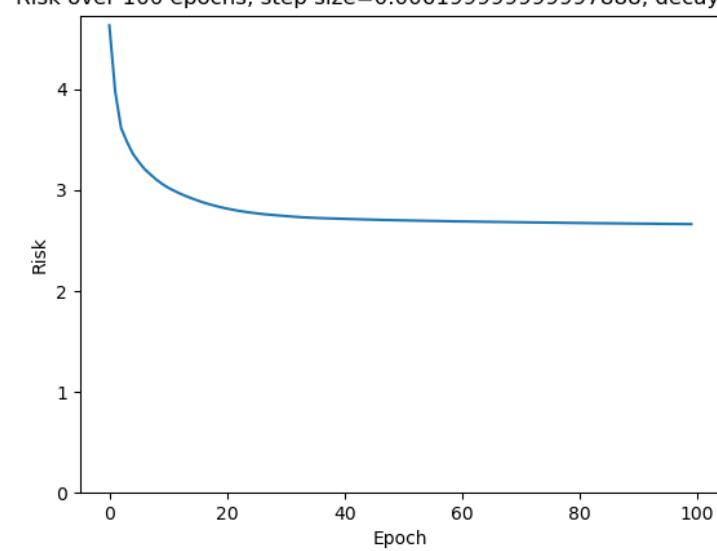
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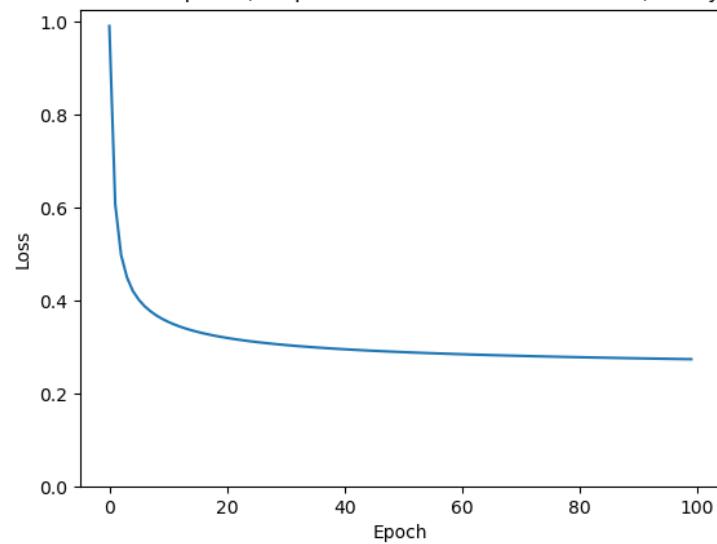
Loss over 100 epochs, step size=0.0061999999997888, decay=0.01



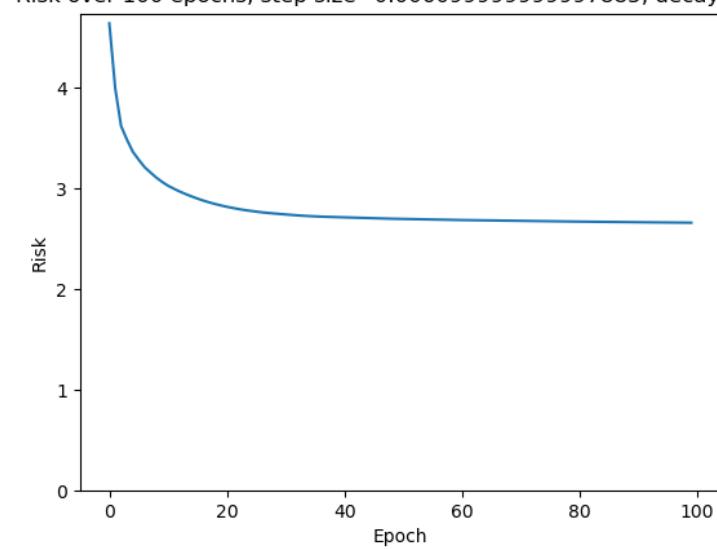
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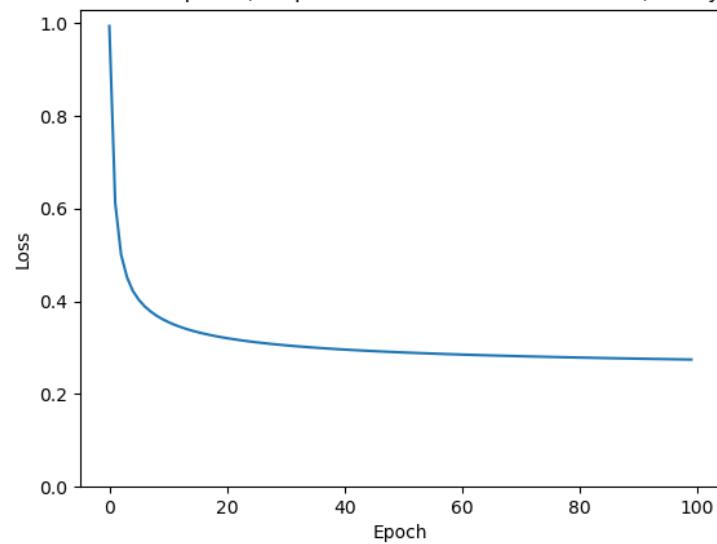
Loss over 100 epochs, step size=0.00609999999997885, decay=0.01



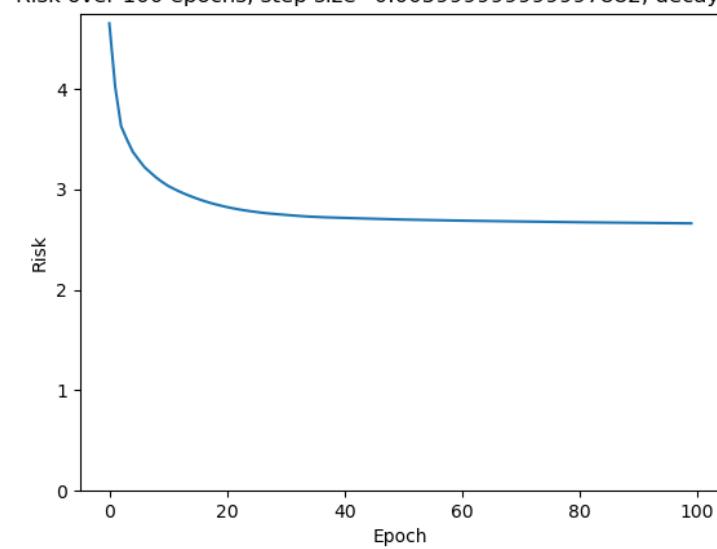
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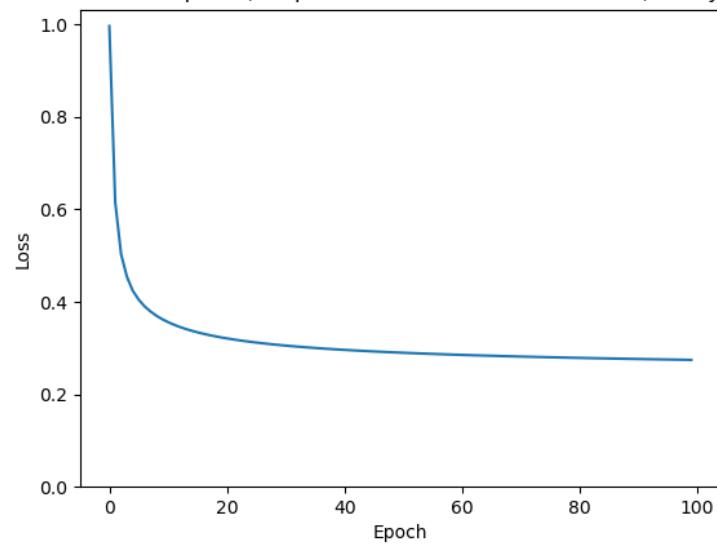
Loss over 100 epochs, step size=0.00599999999997882, decay=0.01



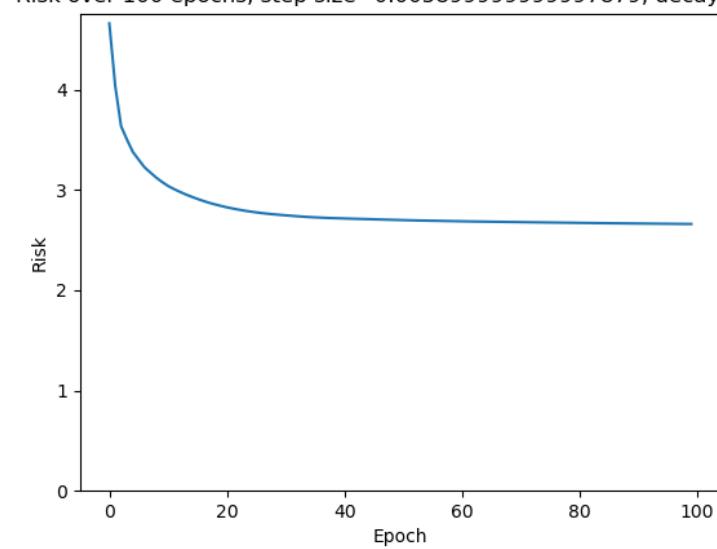
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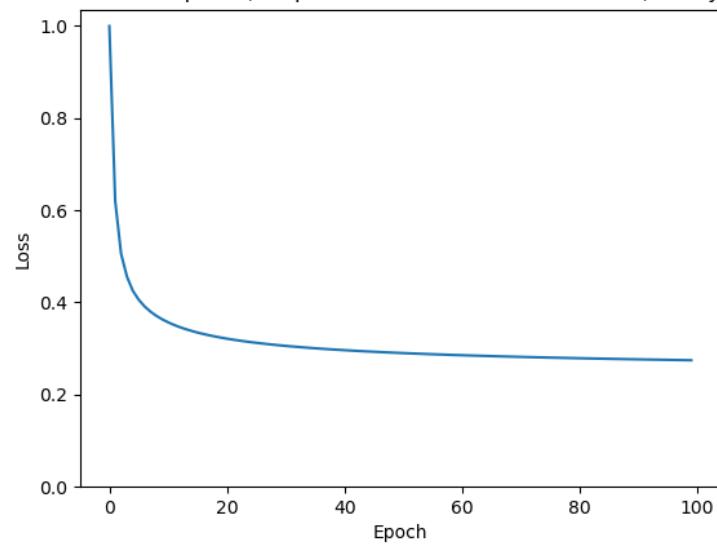
Loss over 100 epochs, step size=0.00589999999997879, decay=0.01



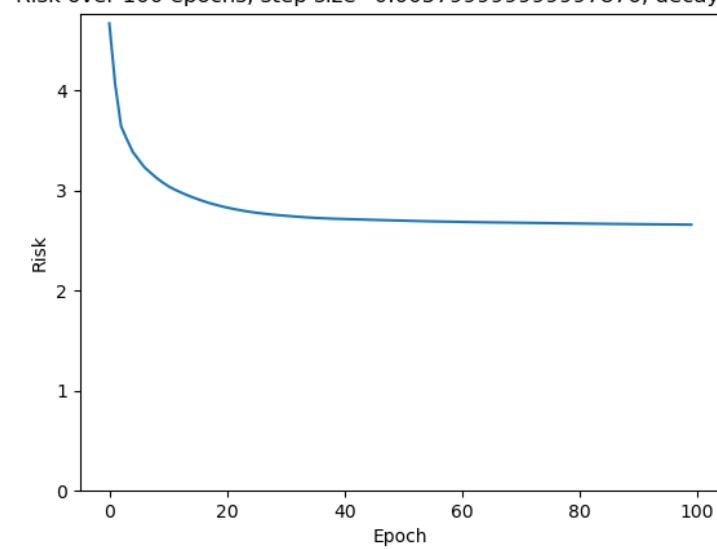
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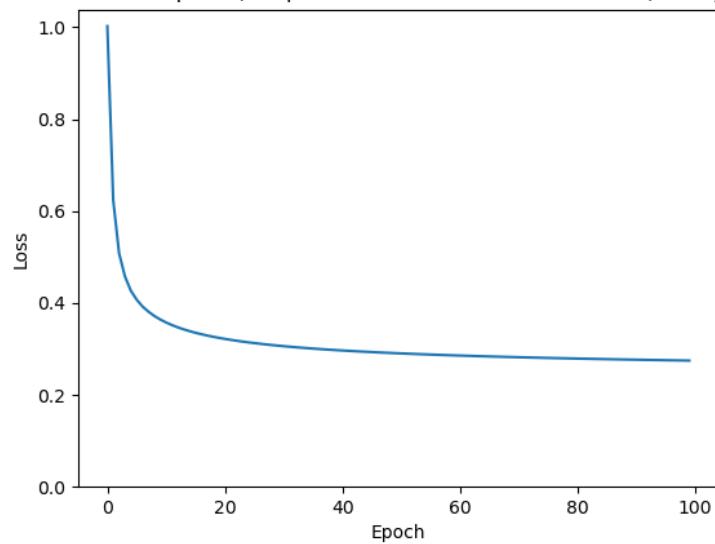
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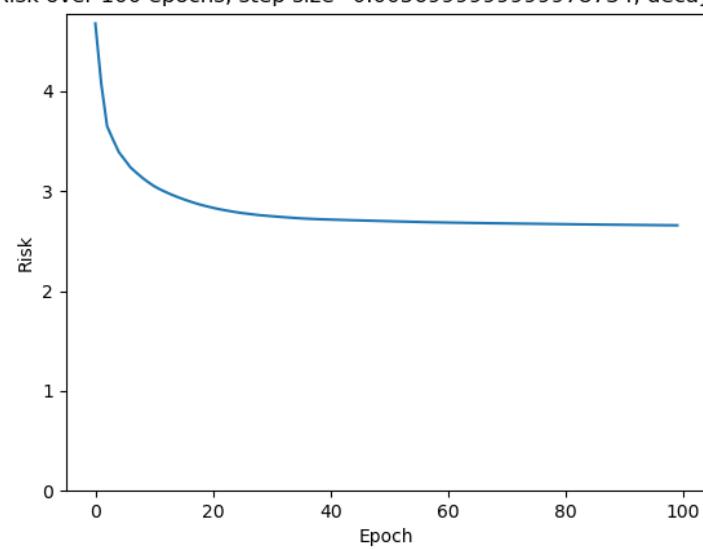
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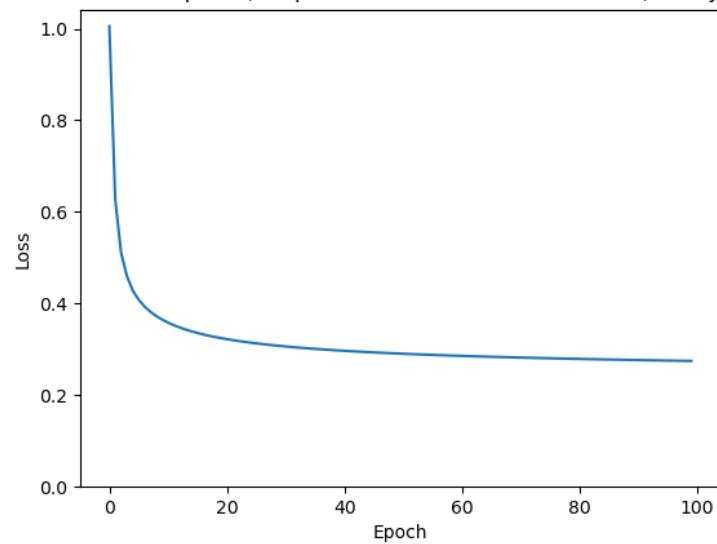
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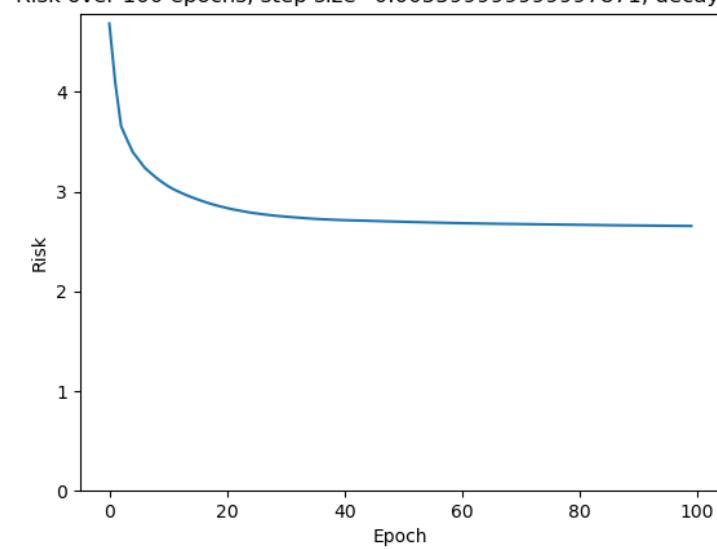
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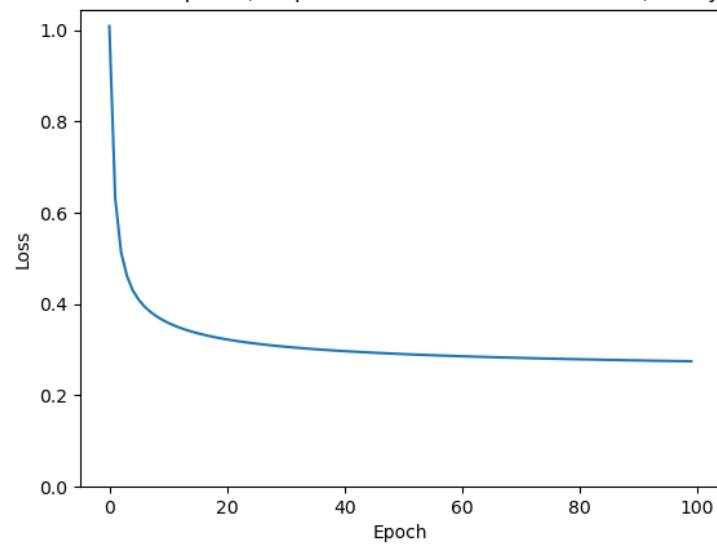
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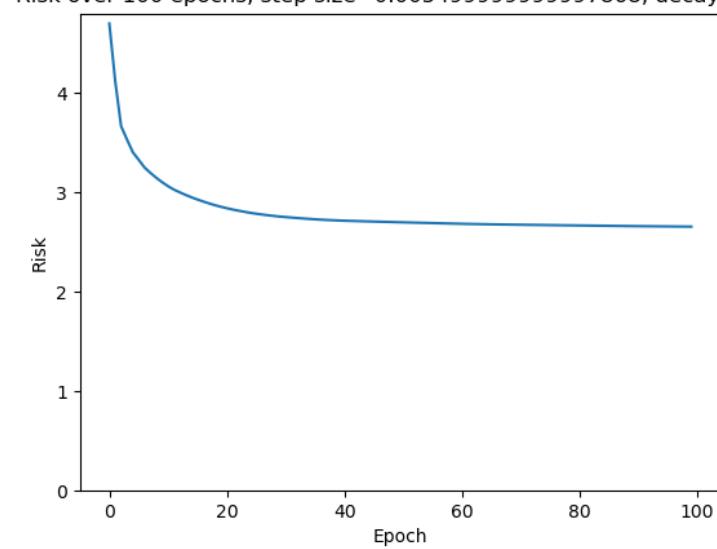
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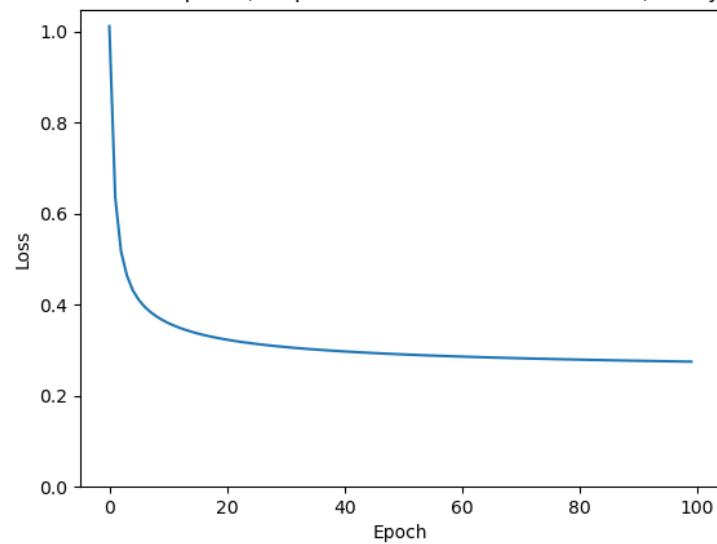
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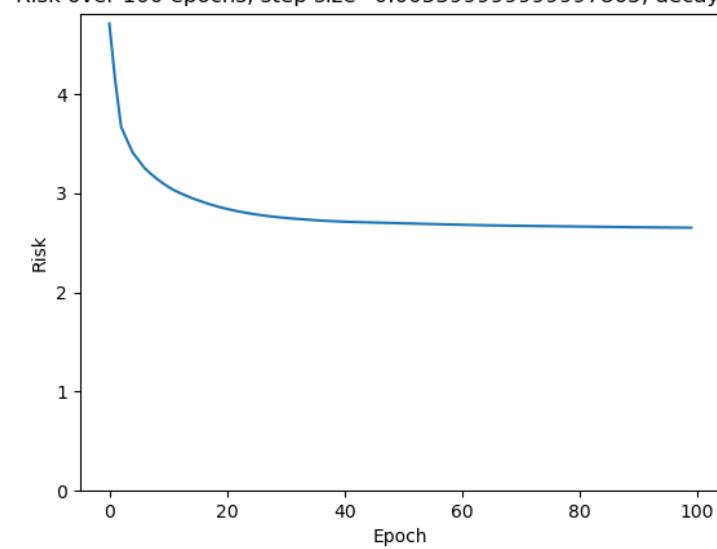
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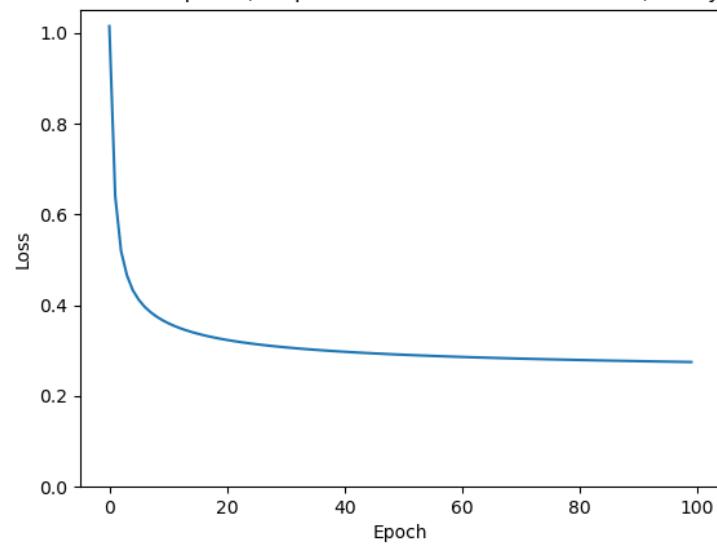
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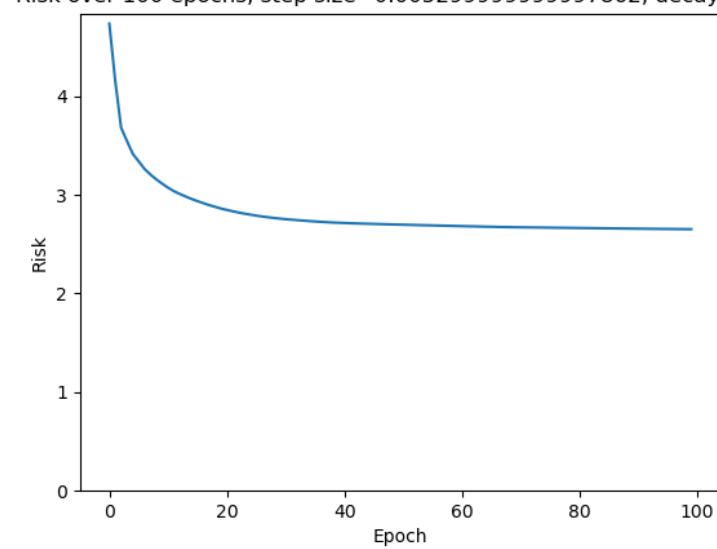
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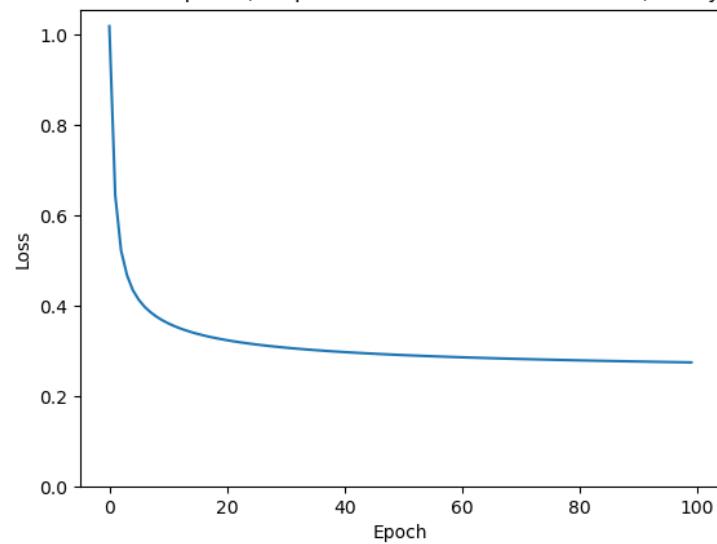
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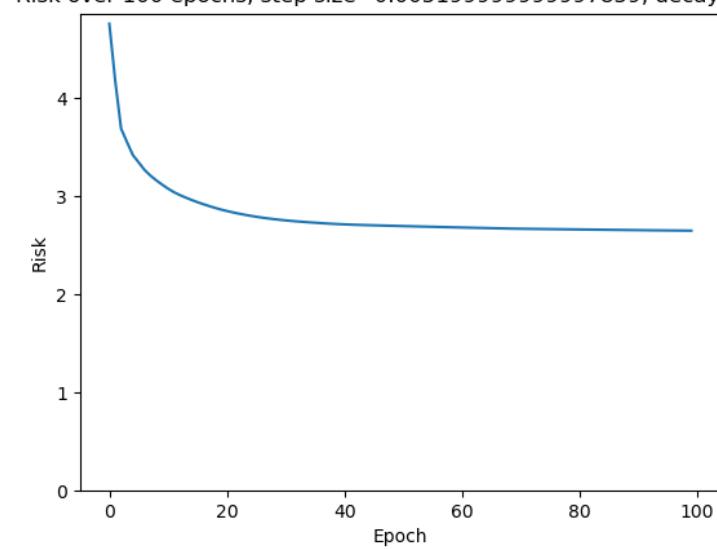
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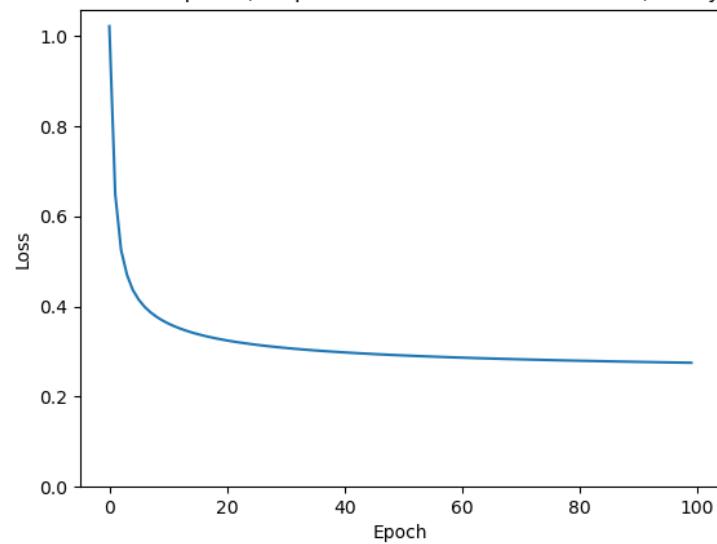
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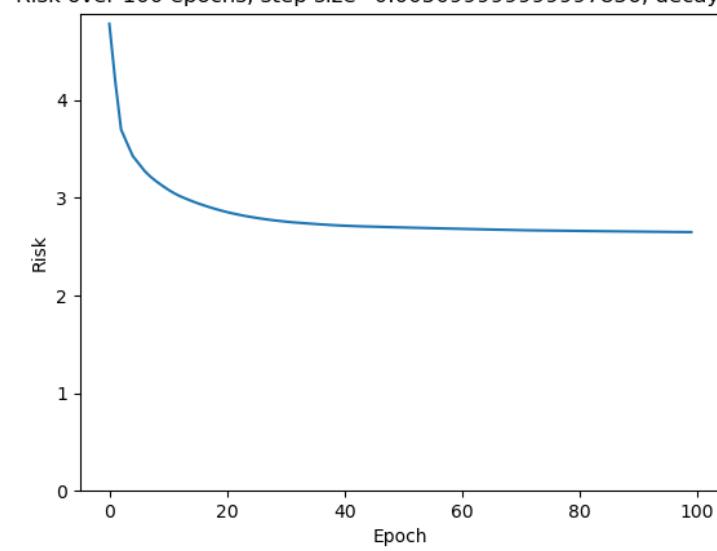
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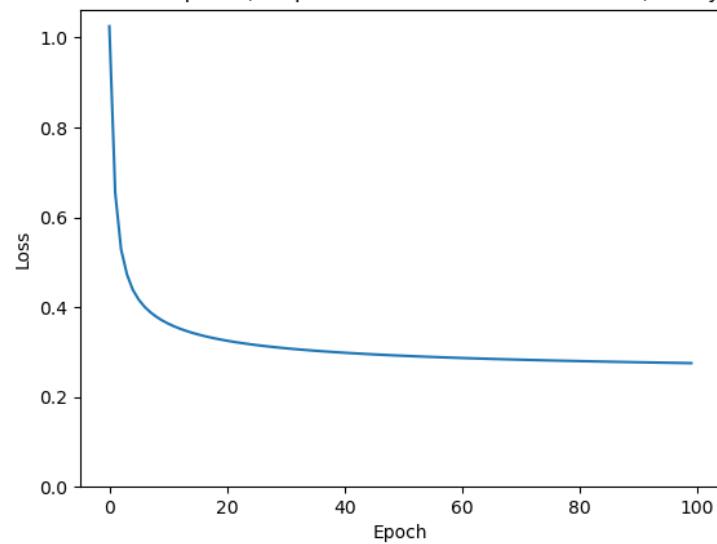
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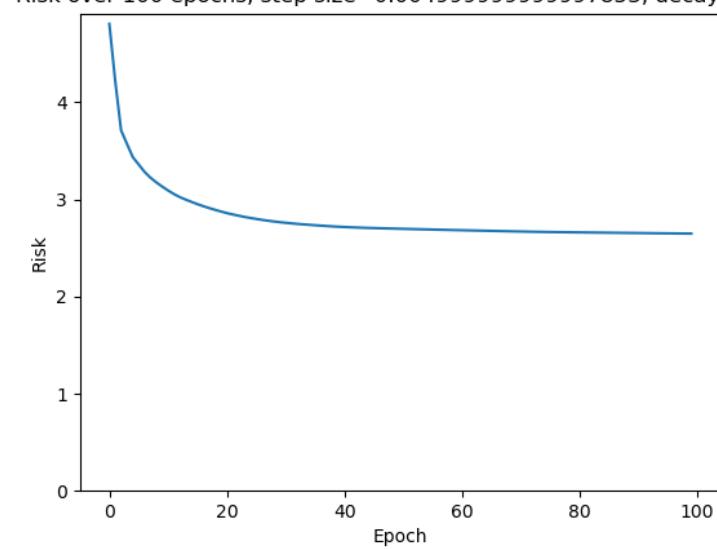
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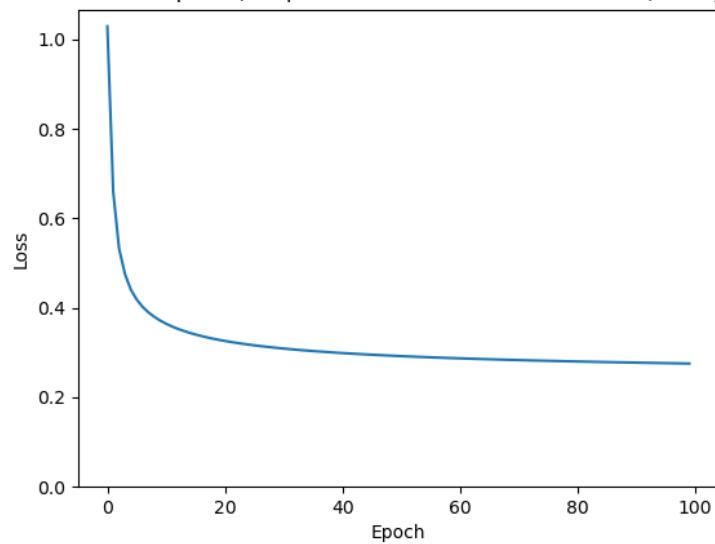
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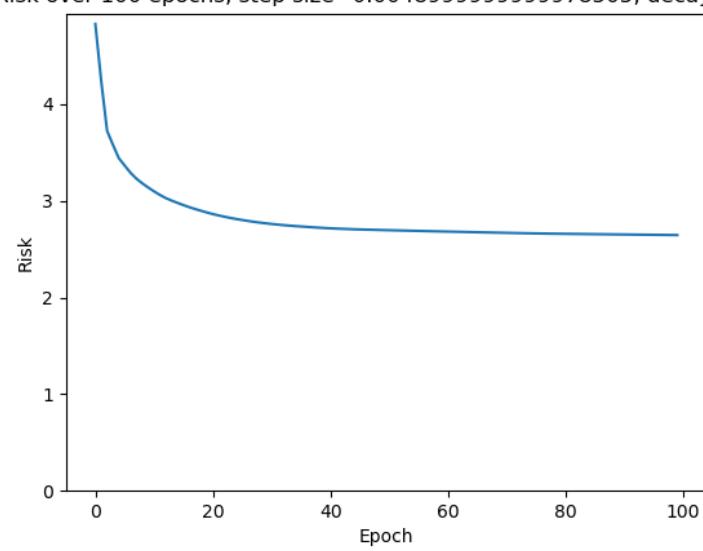
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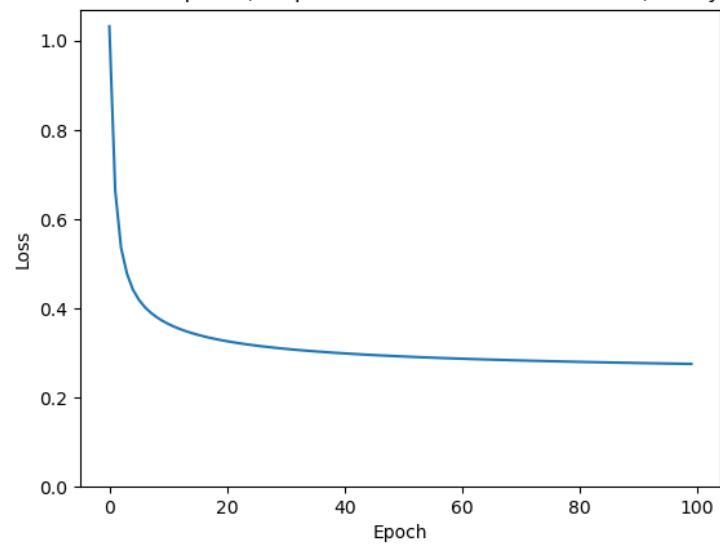
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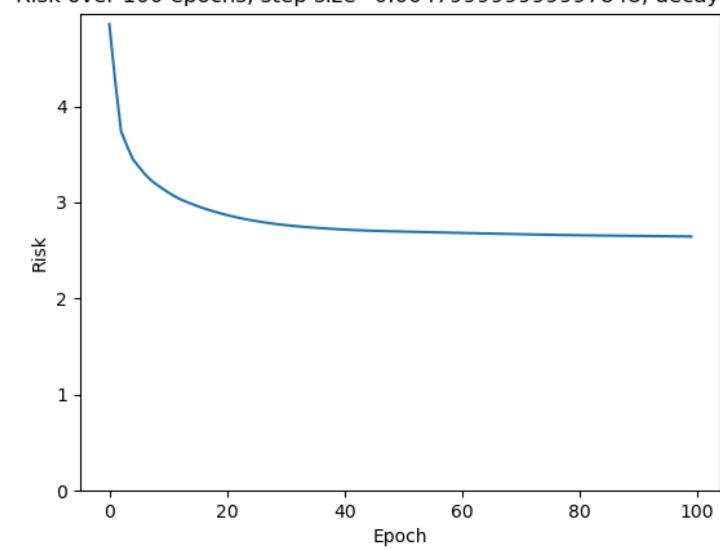
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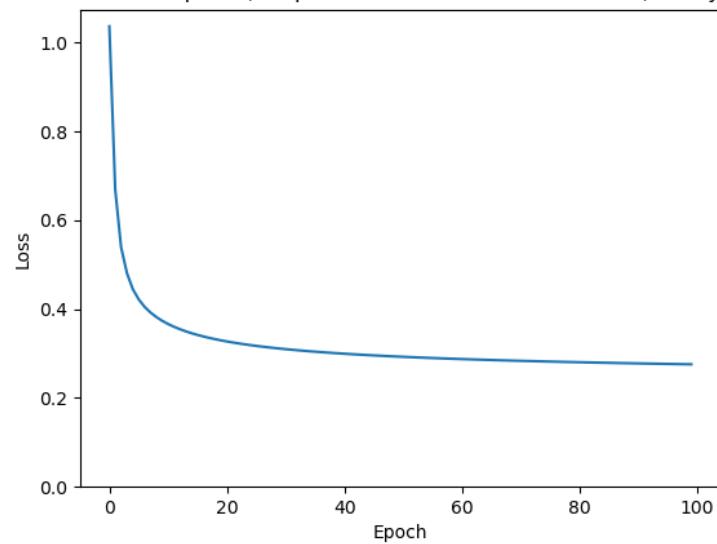
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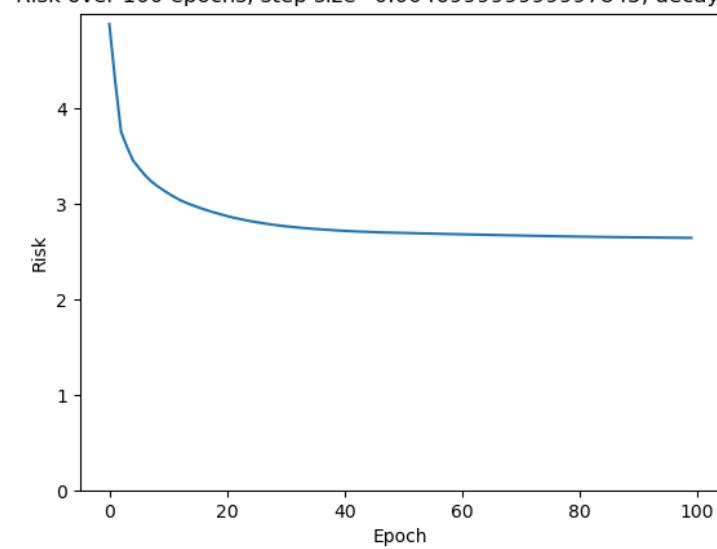
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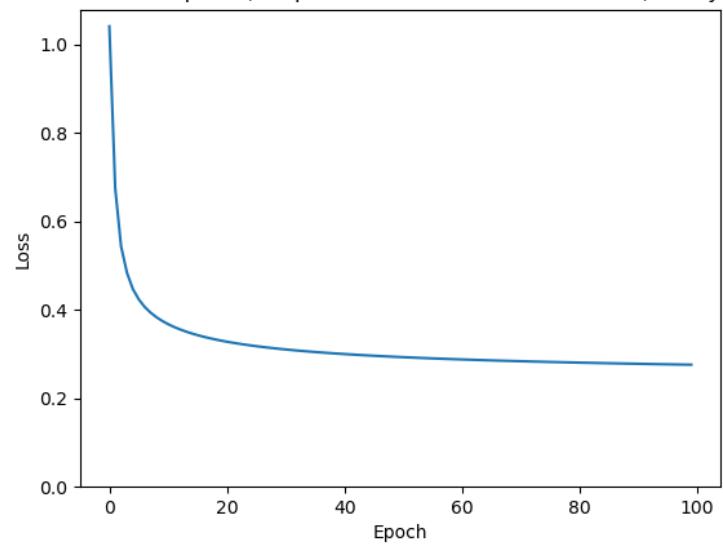
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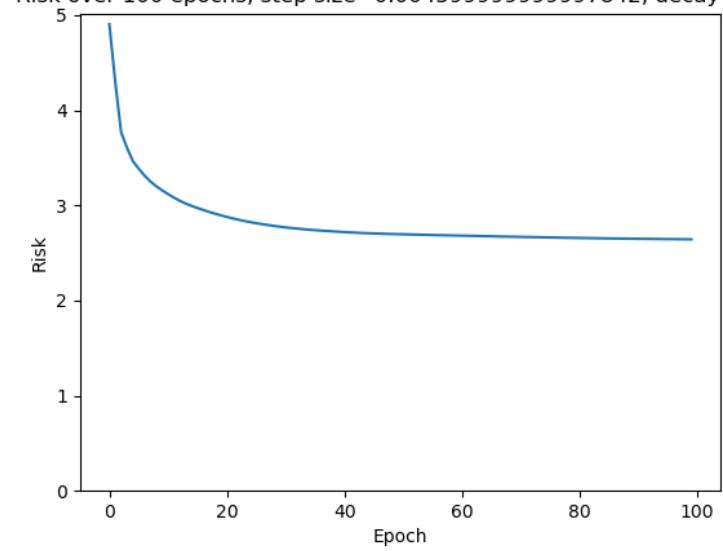
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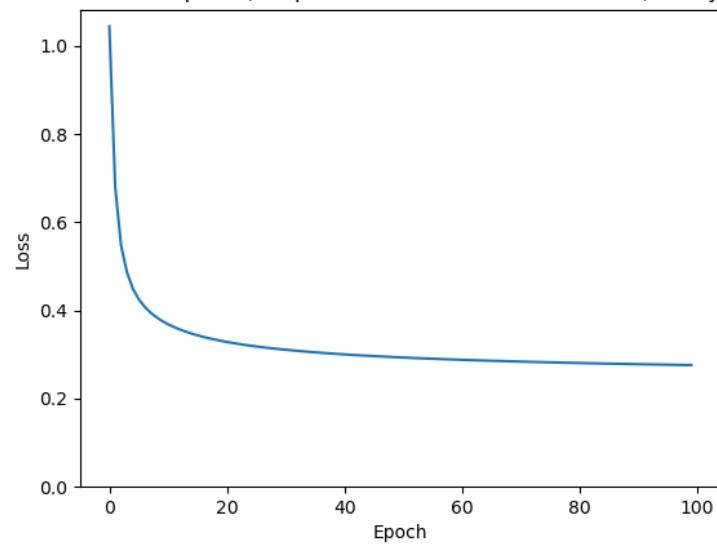
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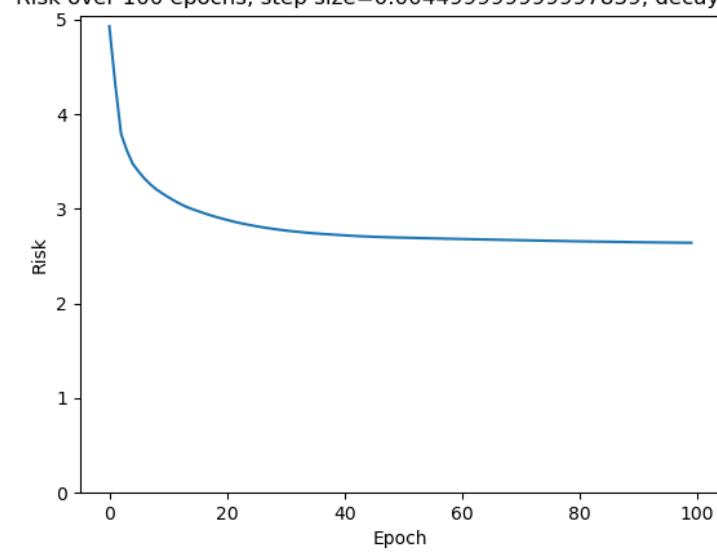
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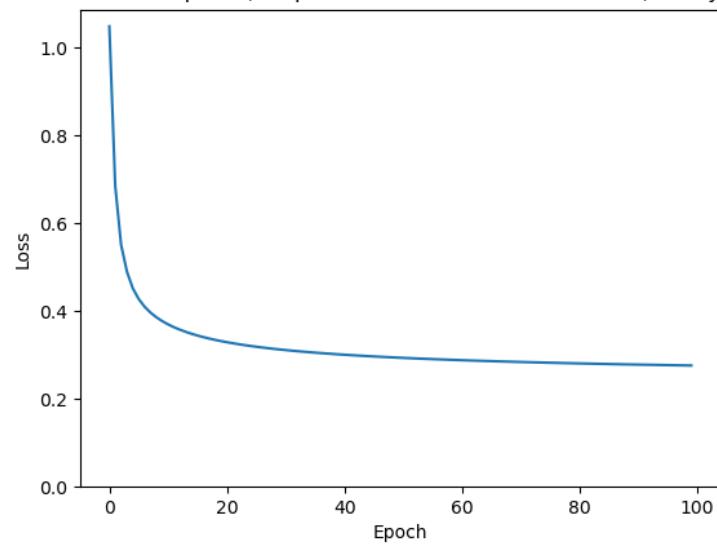
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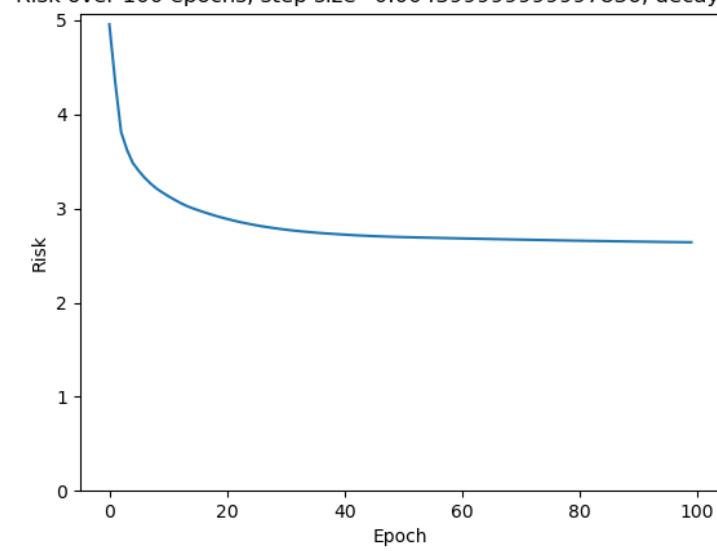
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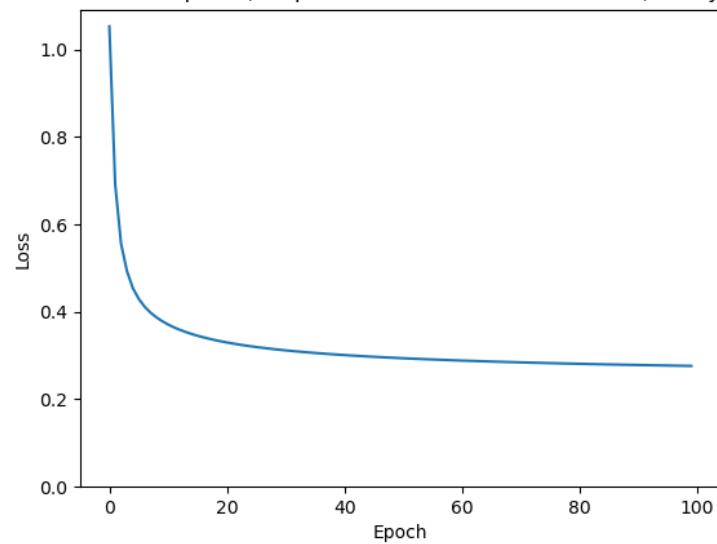
Loss over 100 epochs, step size=0.00439999999997836, decay=0.01



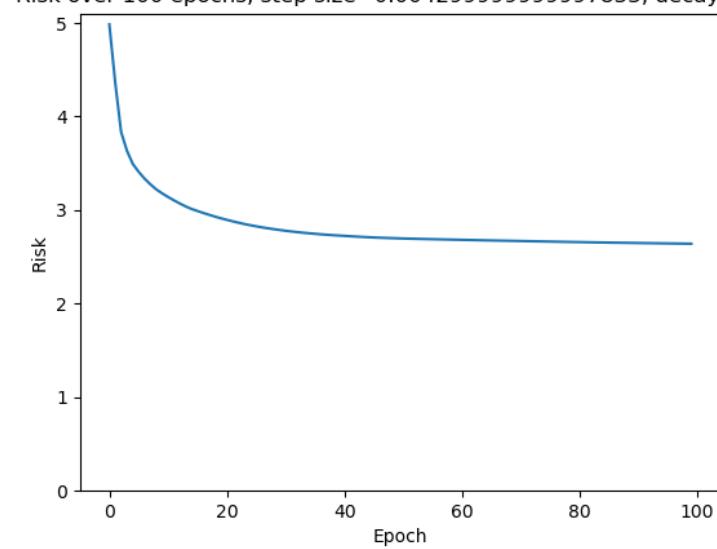
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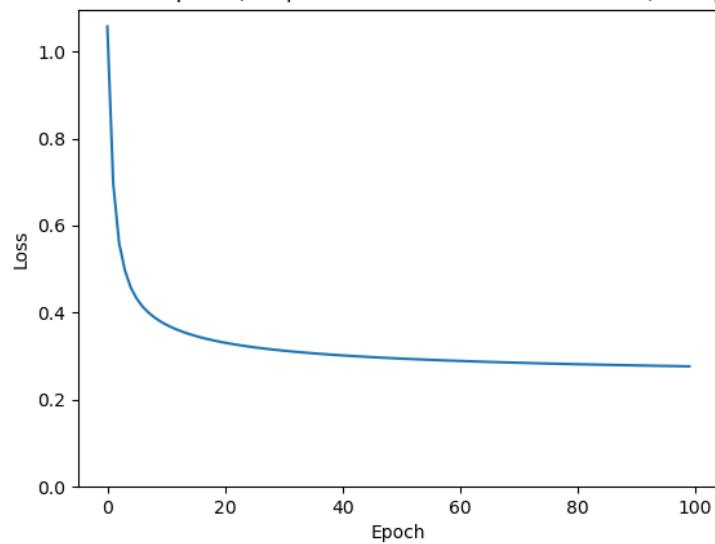
Loss over 100 epochs, step size=0.00429999999997833, decay=0.01



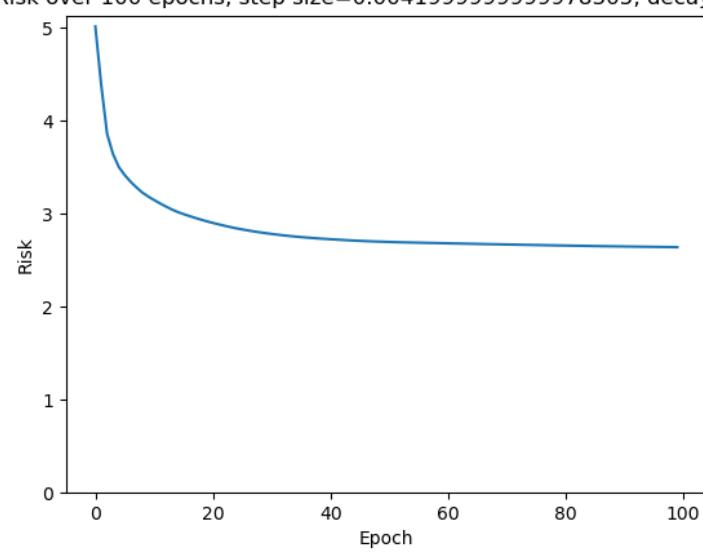
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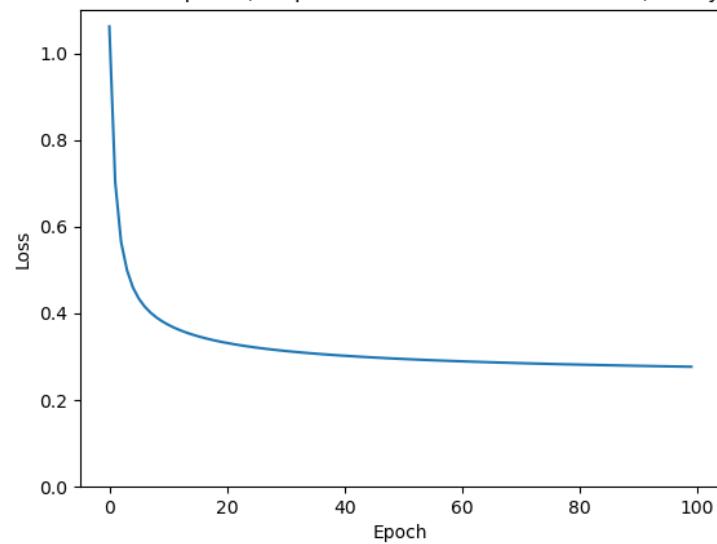
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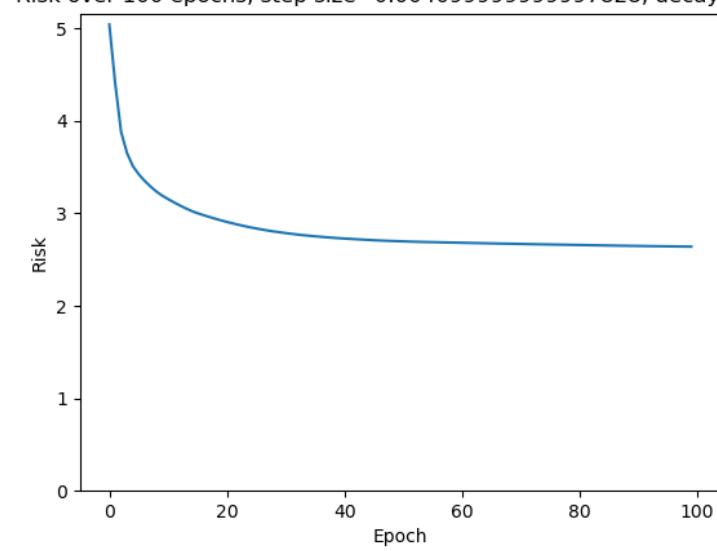
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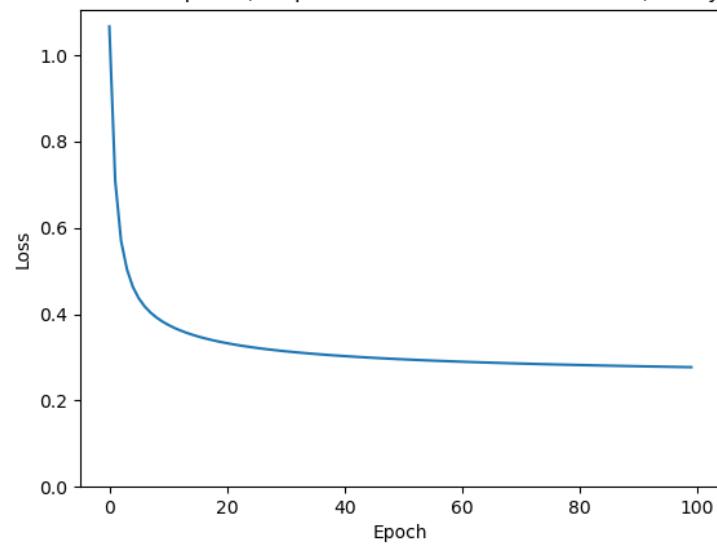
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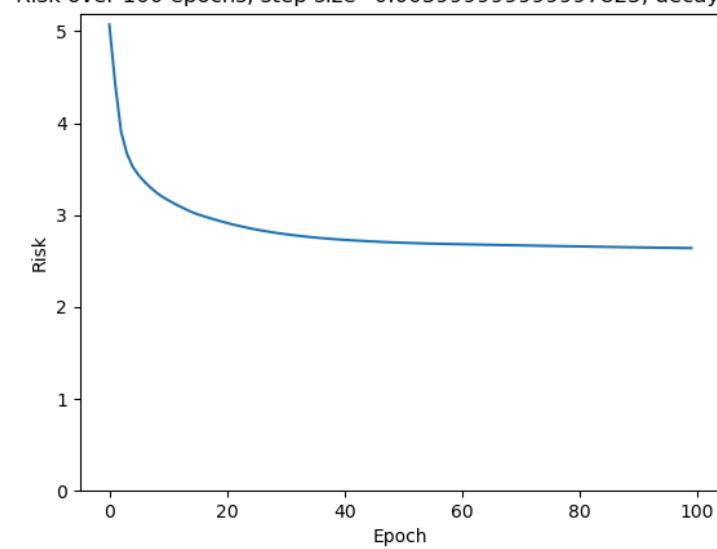
Risk over 100 epochs, step size=0.00409999999997828, decay=0.01



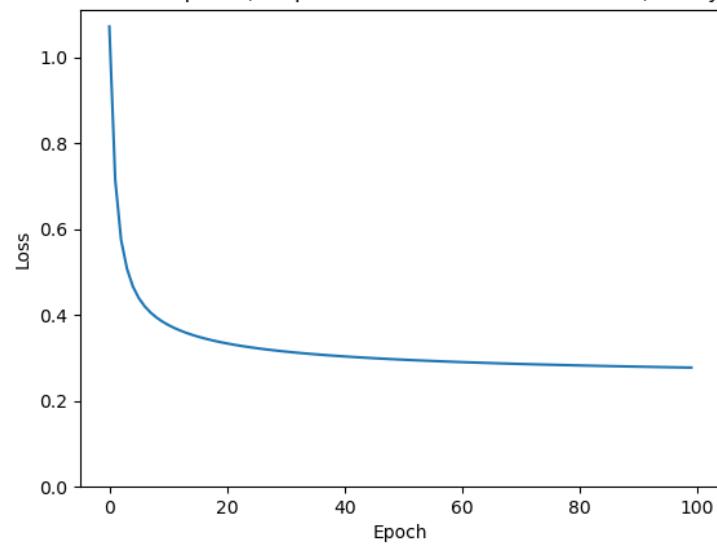
Loss over 100 epochs, step size=0.00399999999997825, decay=0.01



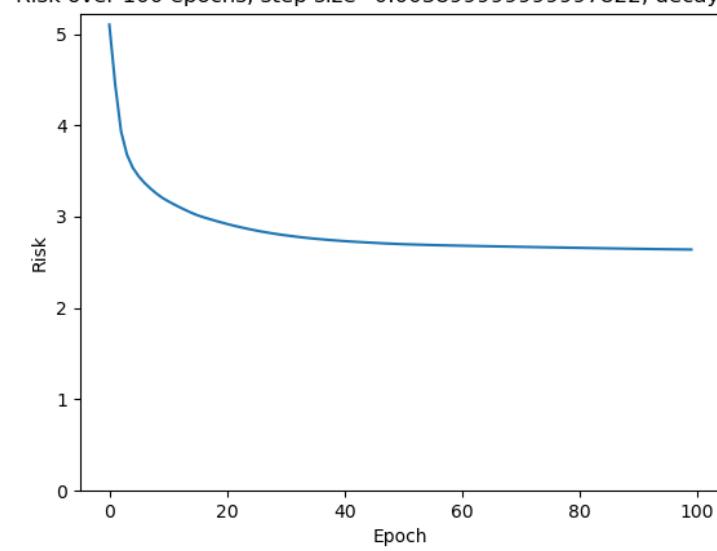
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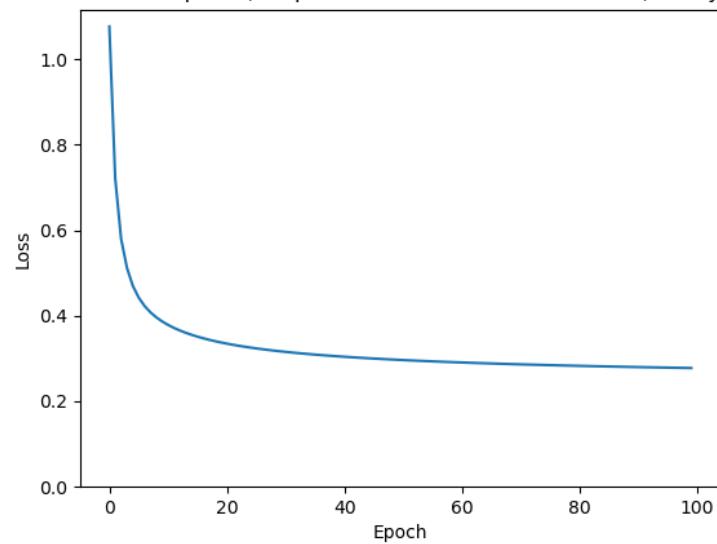
Loss over 100 epochs, step size=0.00389999999997822, decay=0.01



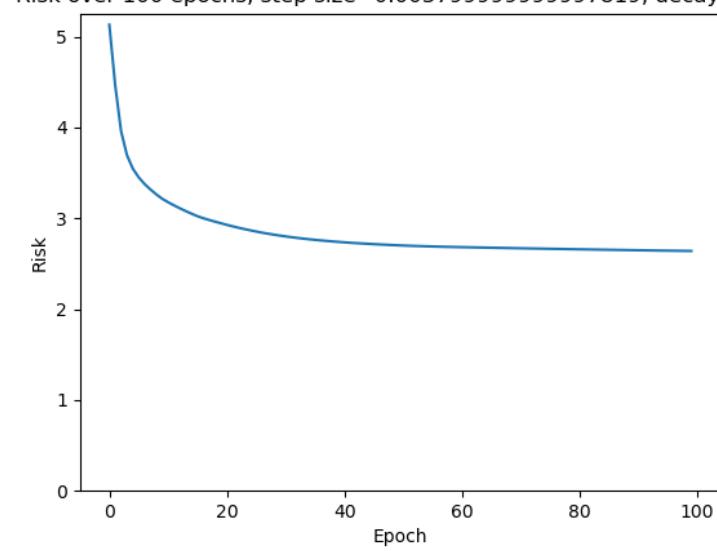
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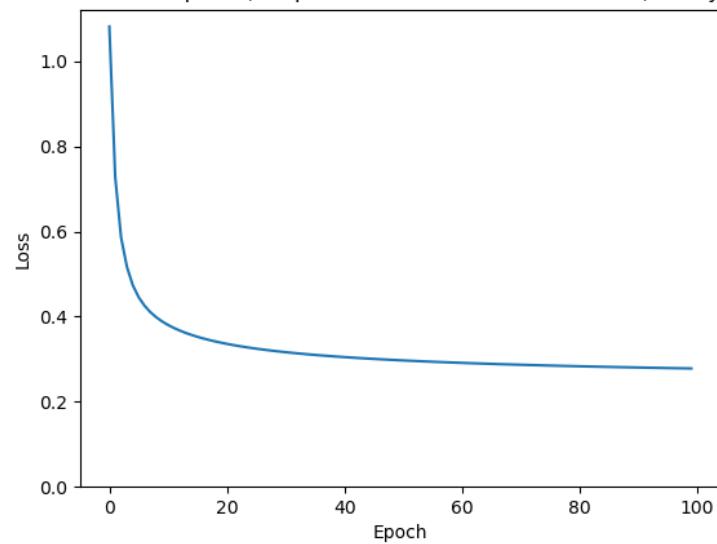
Loss over 100 epochs, step size=0.00379999999997819, decay=0.01



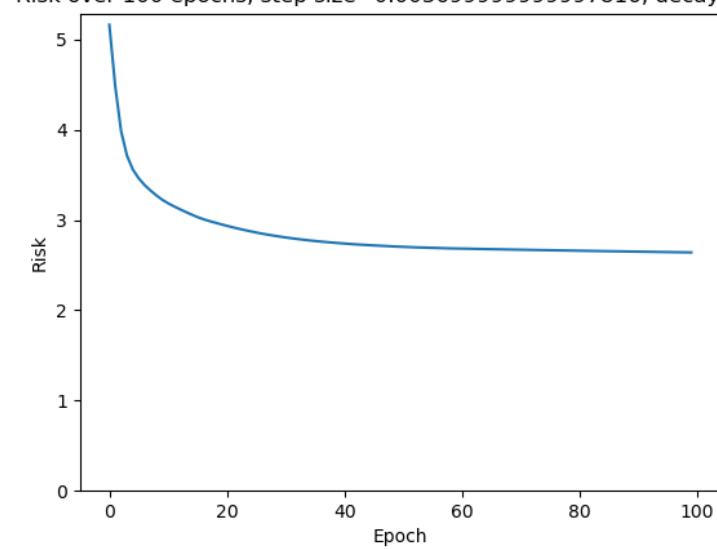
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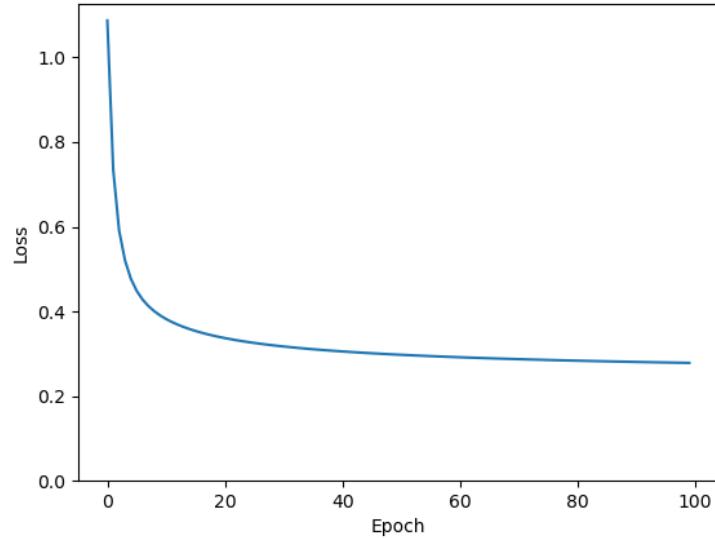
Loss over 100 epochs, step size=0.00369999999997816, decay=0.01



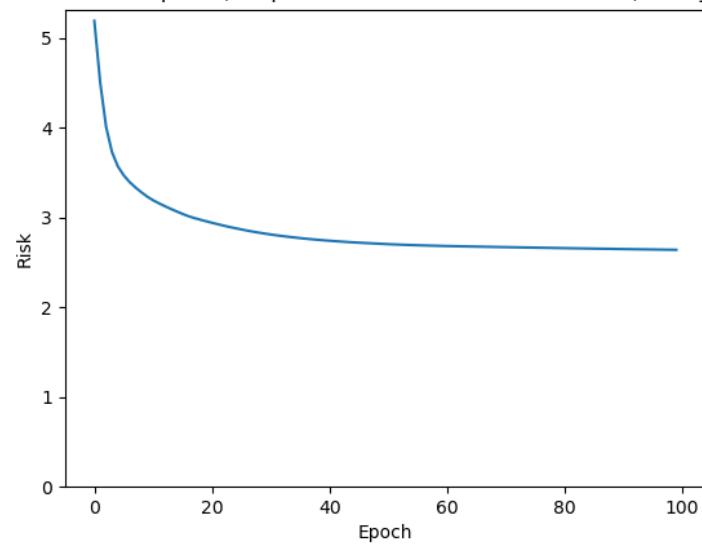
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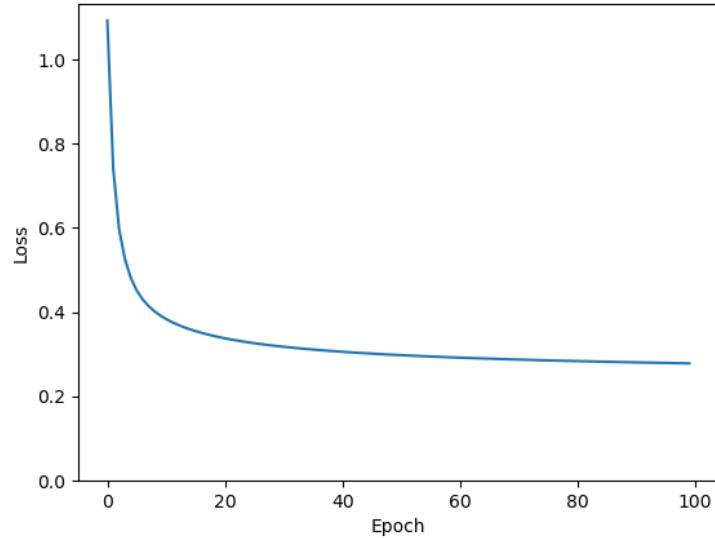
Loss over 100 epochs, step size=0.003599999999978133, decay=0.01



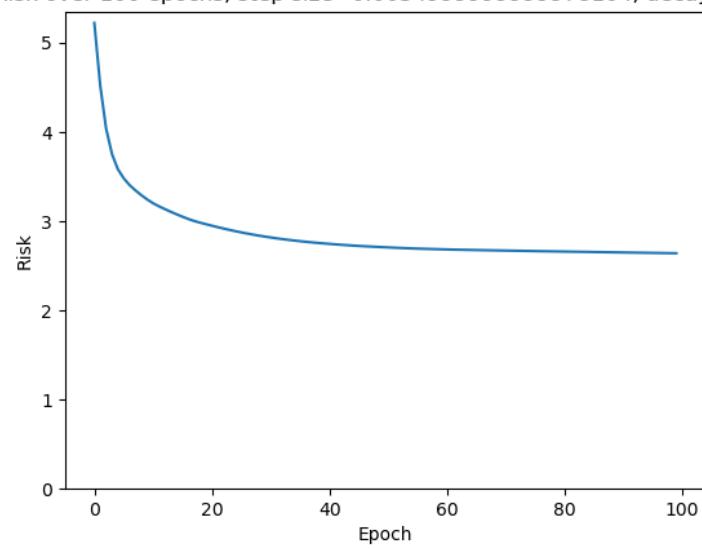
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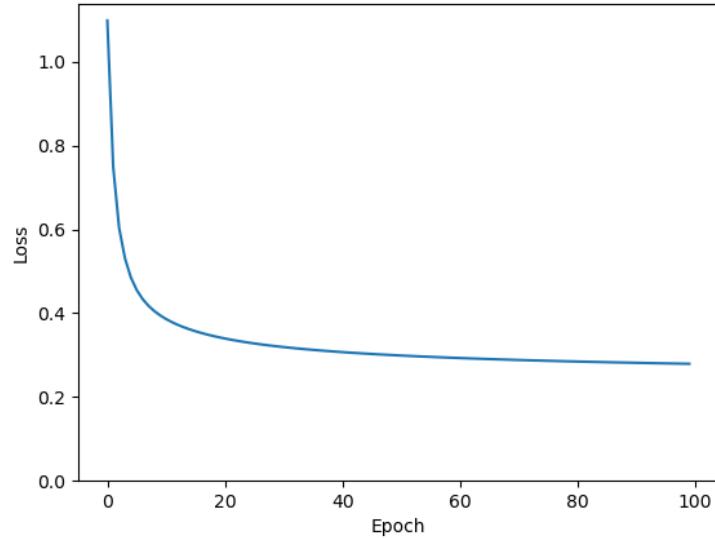
Loss over 100 epochs, step size=0.003499999999978104, decay=0.01



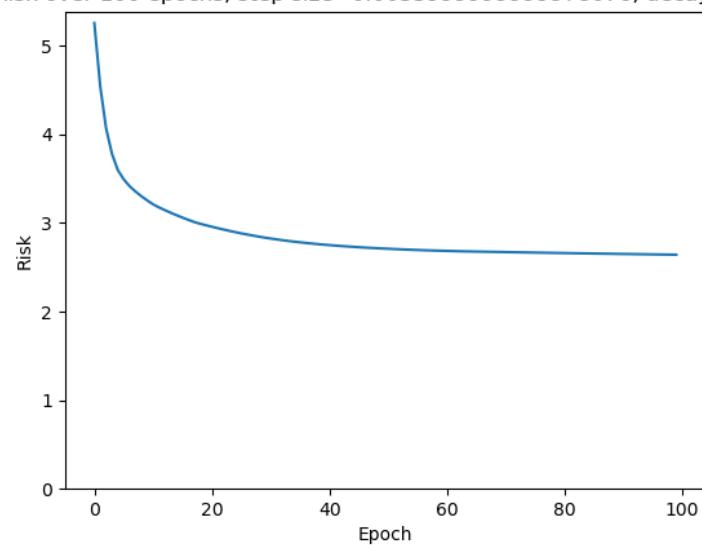
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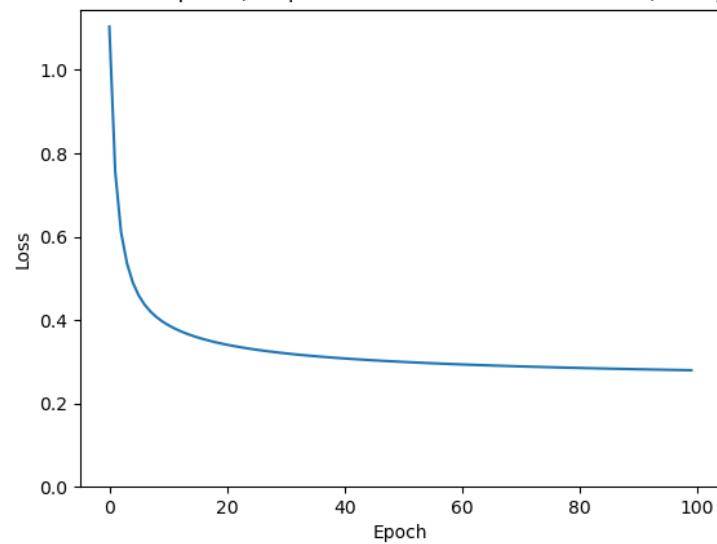
Loss over 100 epochs, step size=0.003399999999978076, decay=0.01



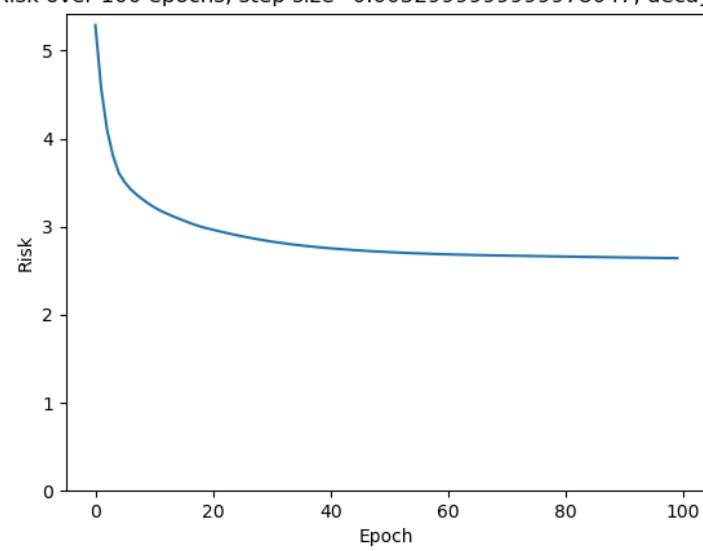
Risk over 100 epochs, step size=0.003399999999978076, decay=0.01



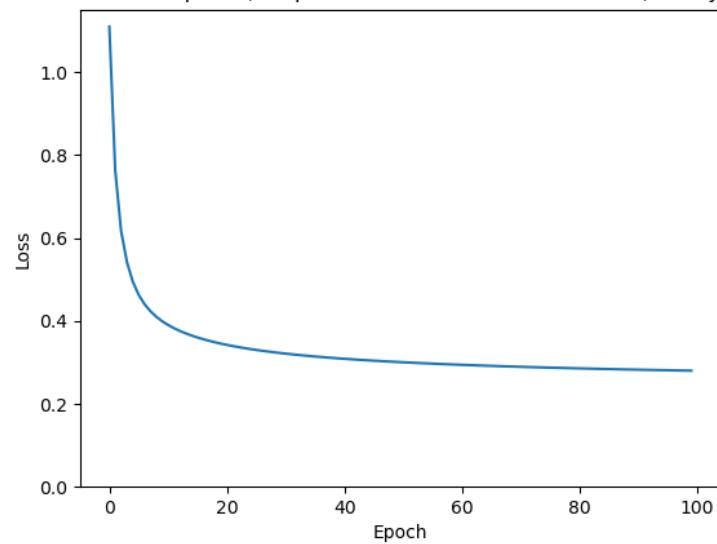
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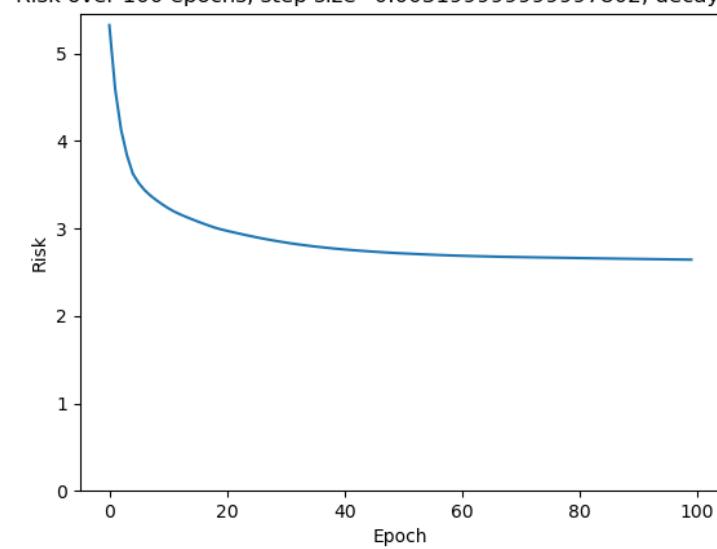
Risk over 100 epochs, step size=0.003299999999978047, decay=0.01



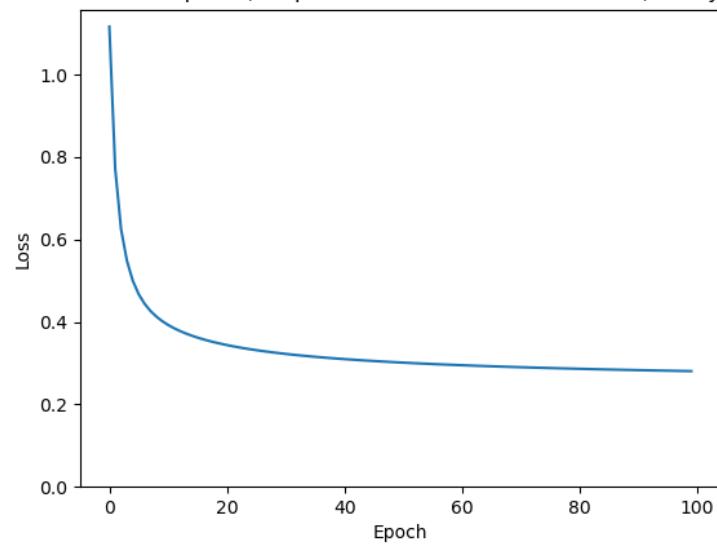
Loss over 100 epochs, step size=0.0031999999997802, decay=0.01



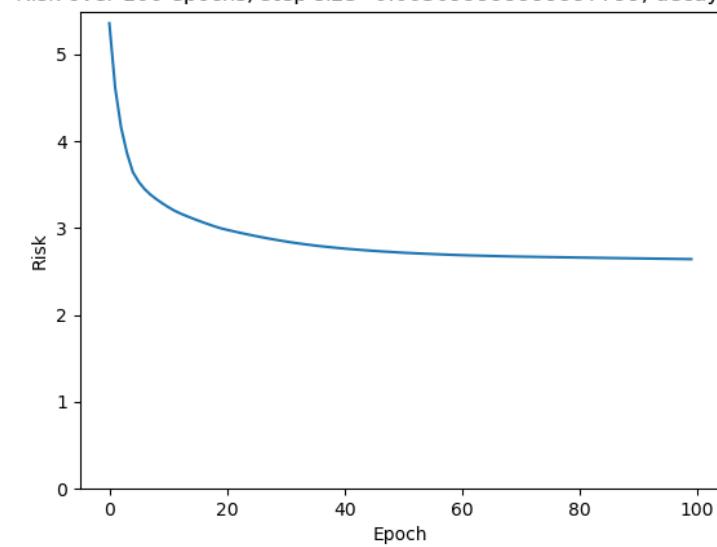
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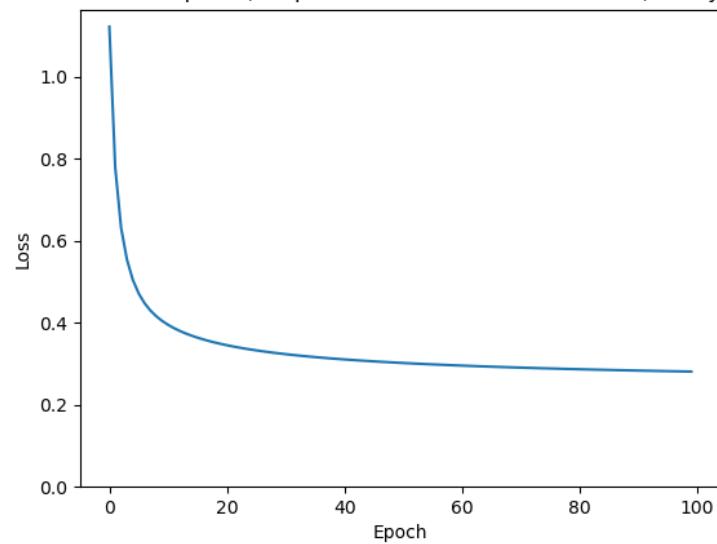
Loss over 100 epochs, step size=0.00309999999997799, decay=0.01



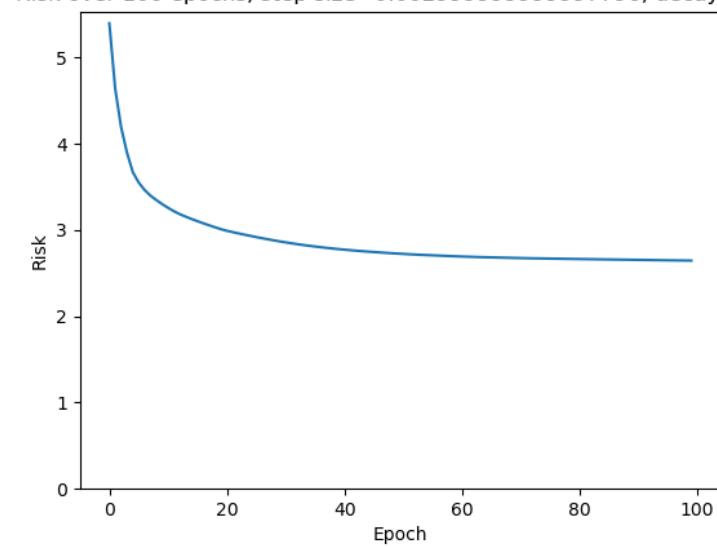
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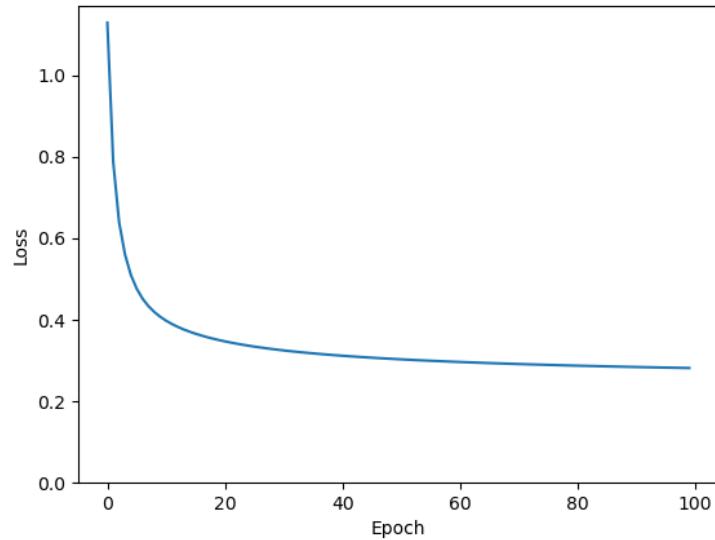
Loss over 100 epochs, step size=0.00299999999997796, decay=0.01



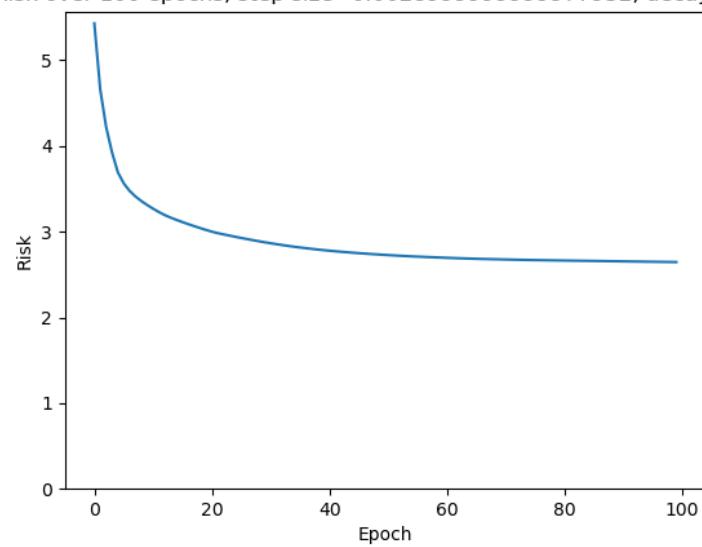
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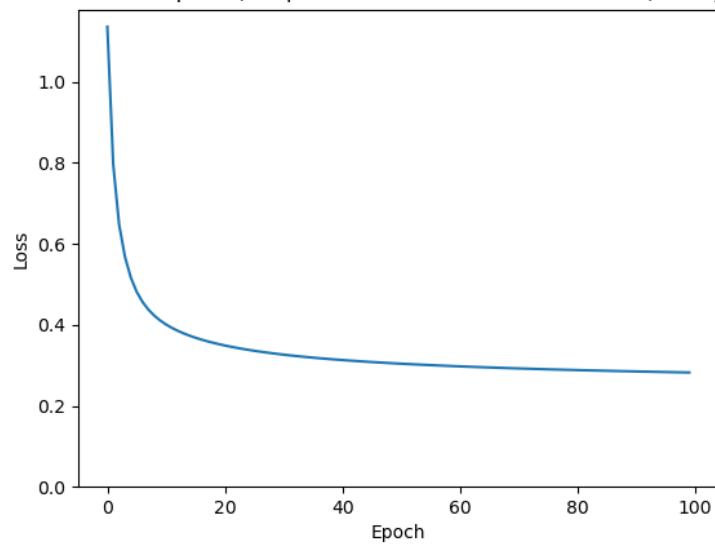
Loss over 100 epochs, step size=0.002899999999977932, decay=0.01



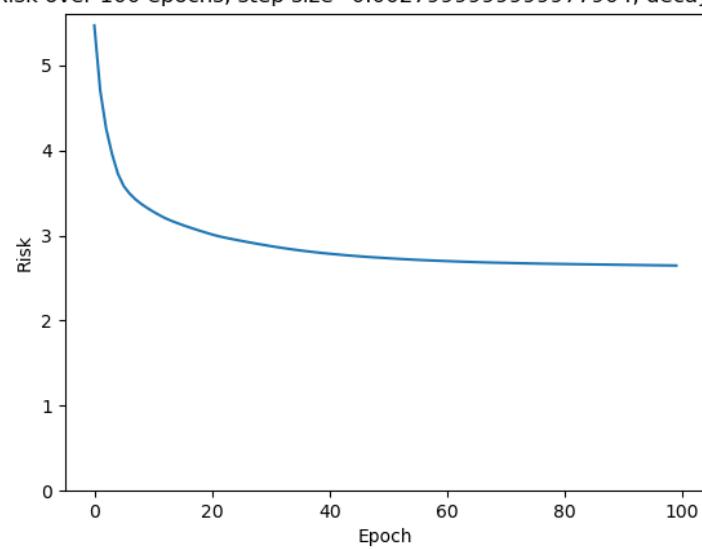
Risk over 100 epochs, step size=0.002899999999977932, decay=0.01



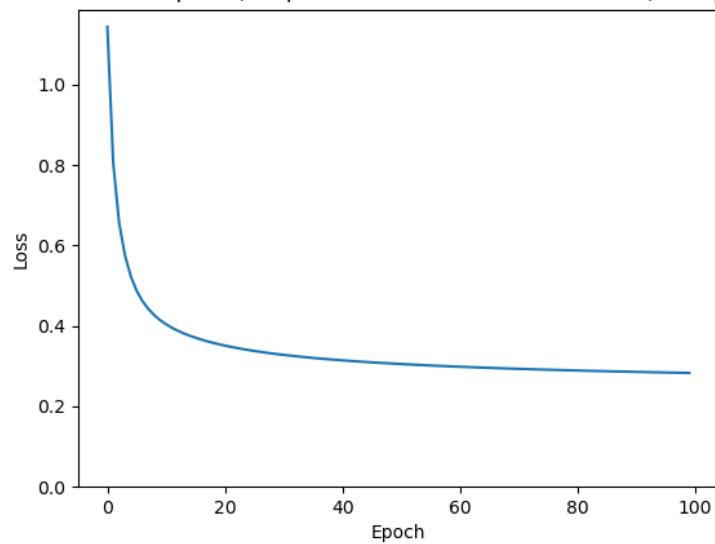
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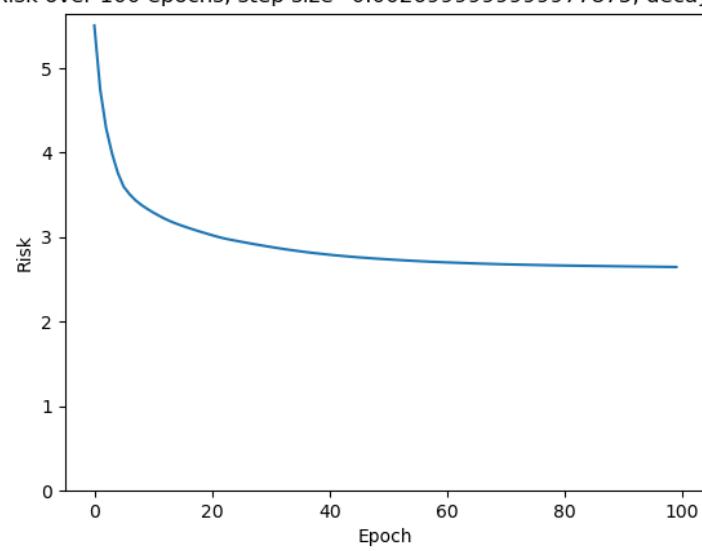
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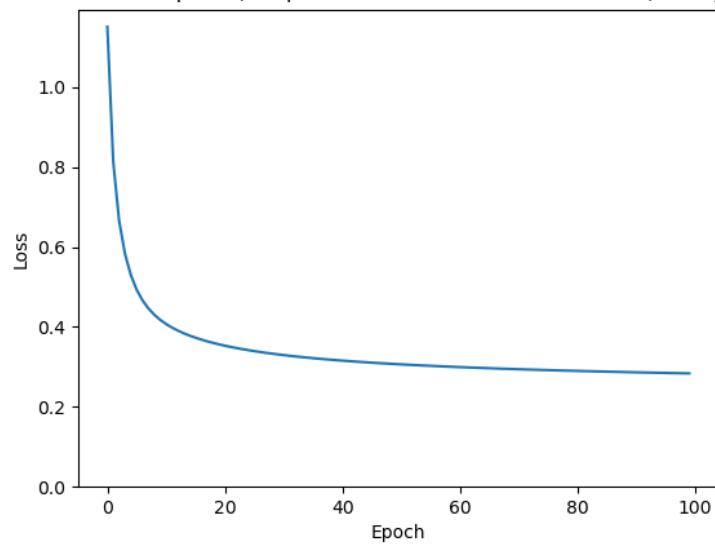
Loss over 100 epochs, step size=0.002699999999977875, decay=0.01



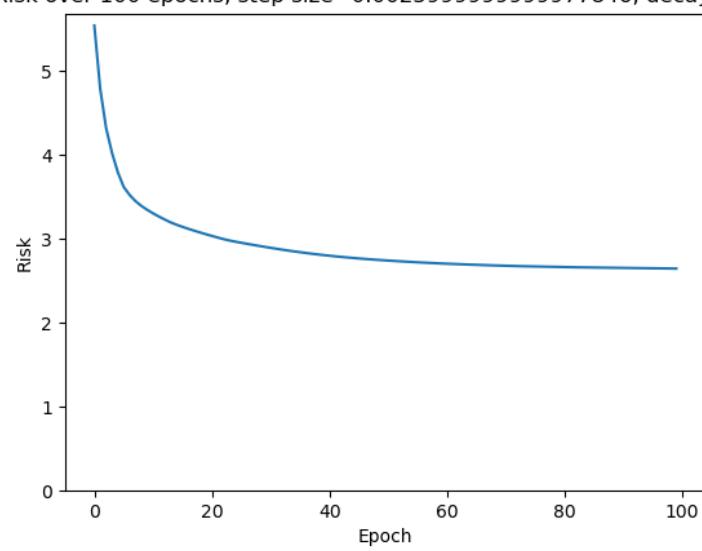
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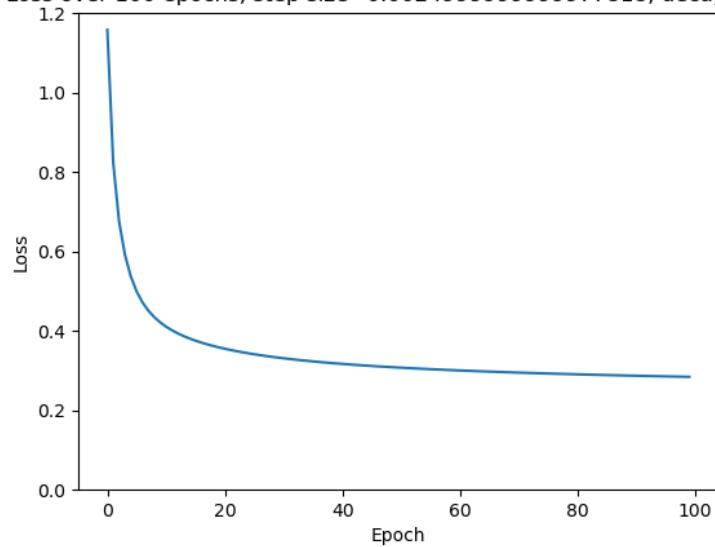
Loss over 100 epochs, step size=0.002599999999977846, decay=0.01



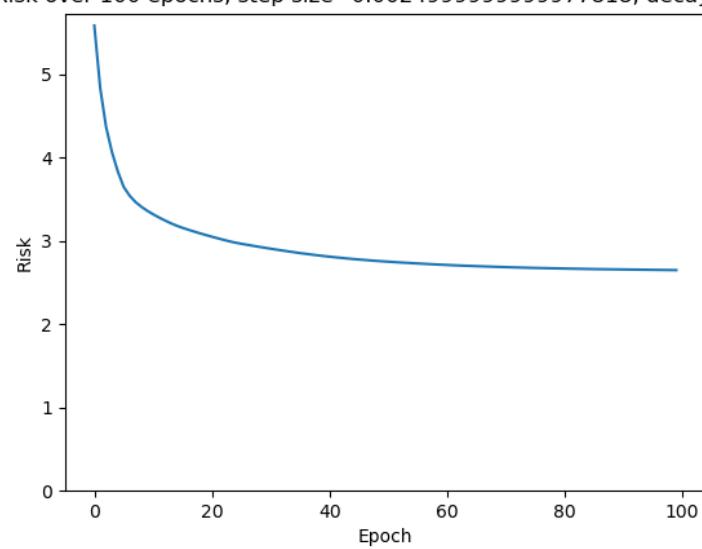
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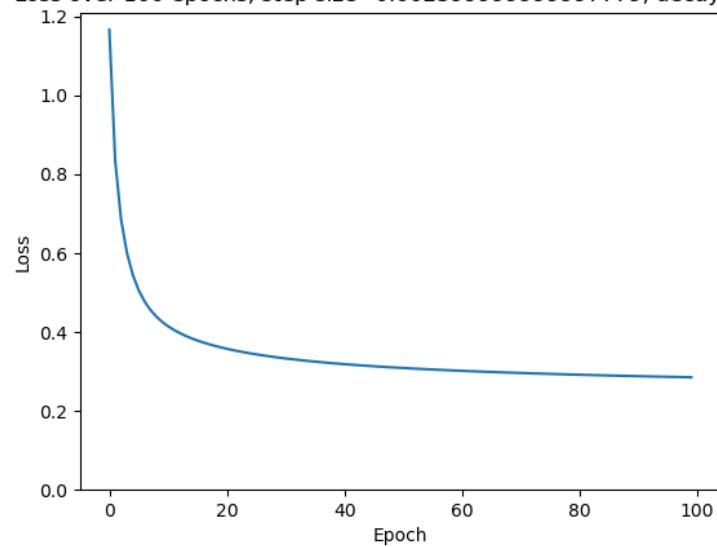
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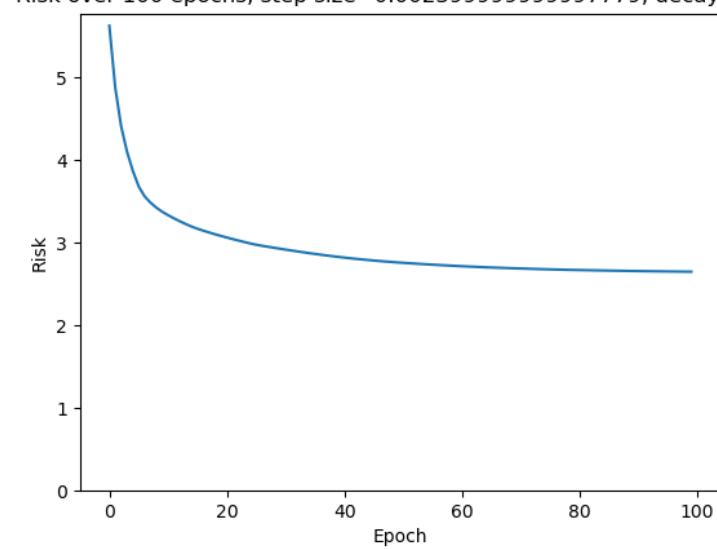
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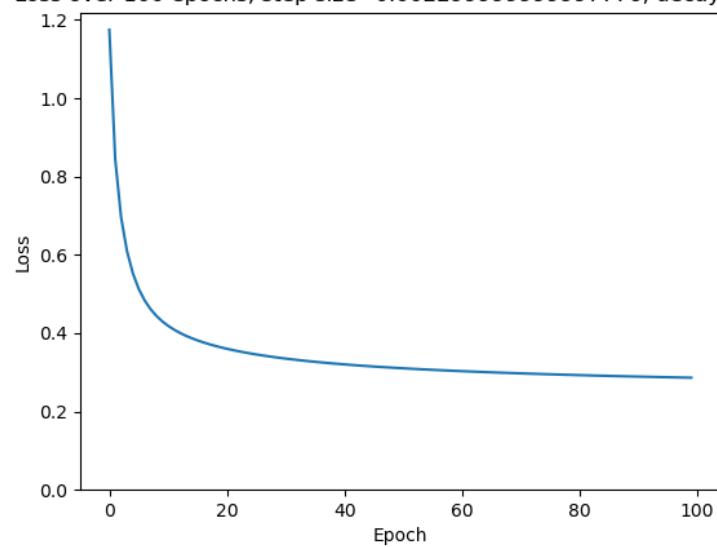
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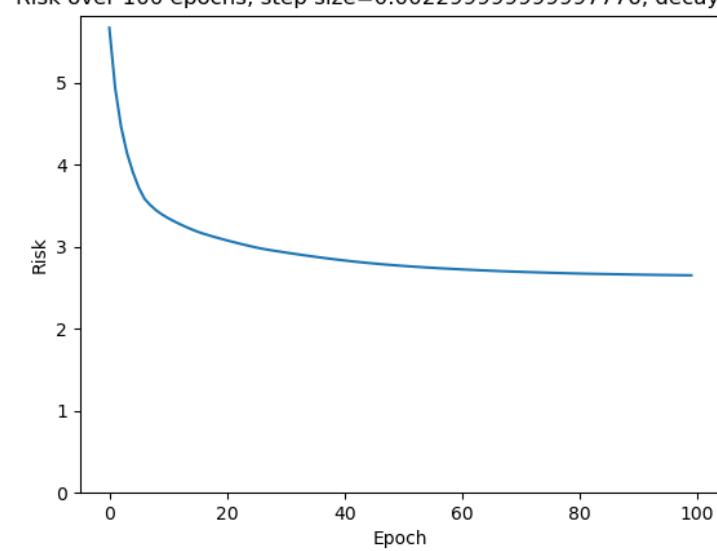
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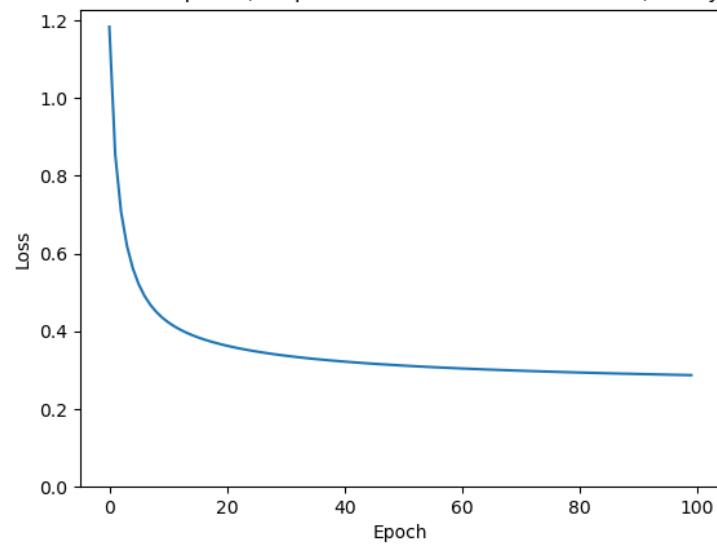
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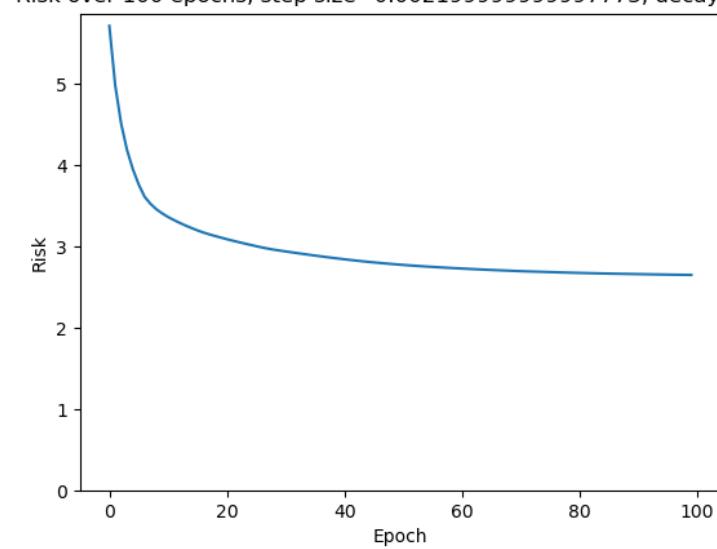
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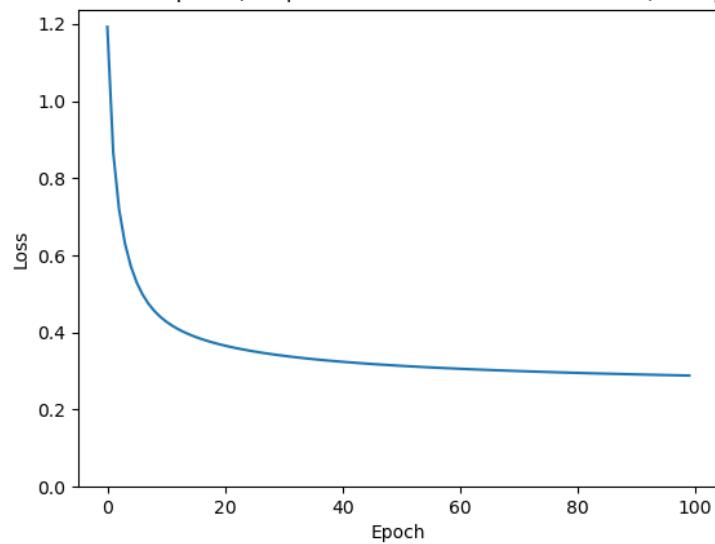
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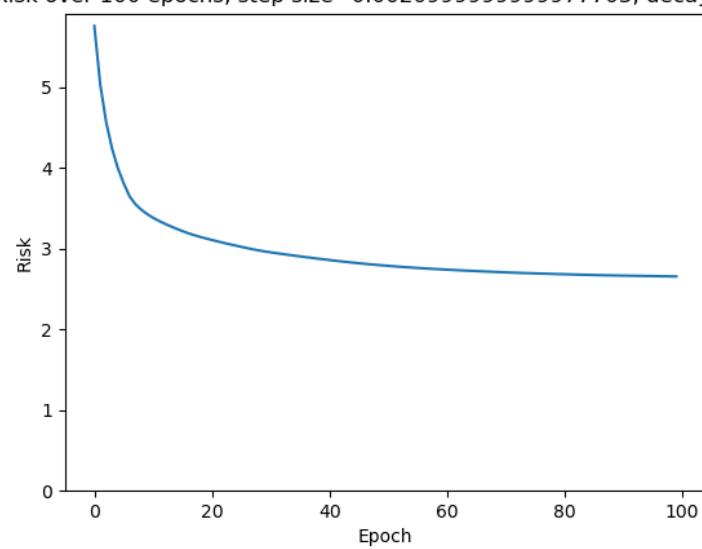
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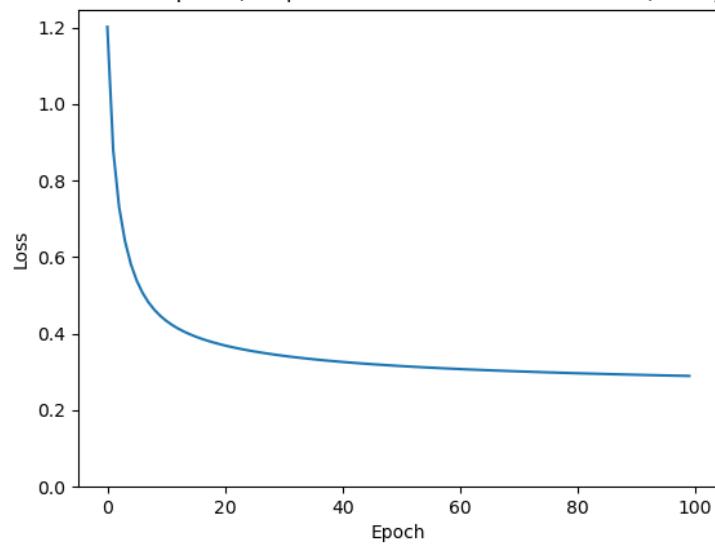
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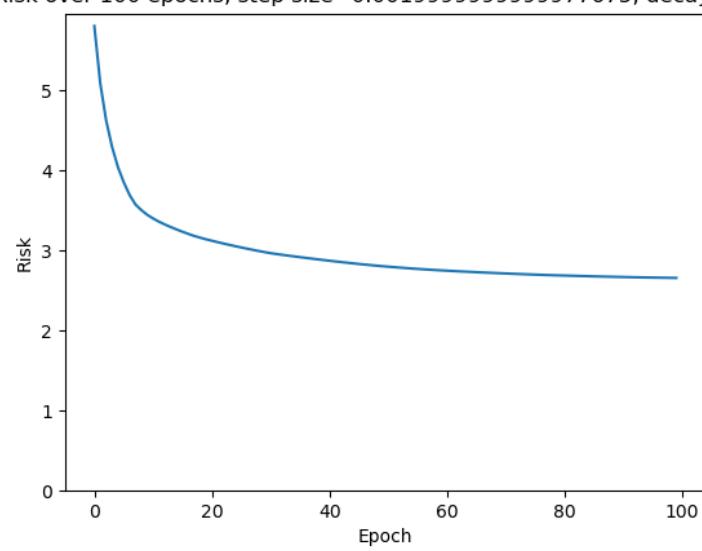
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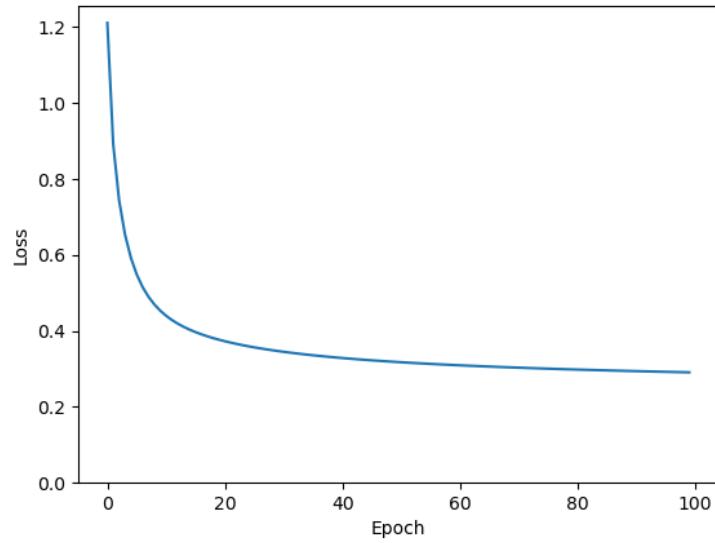
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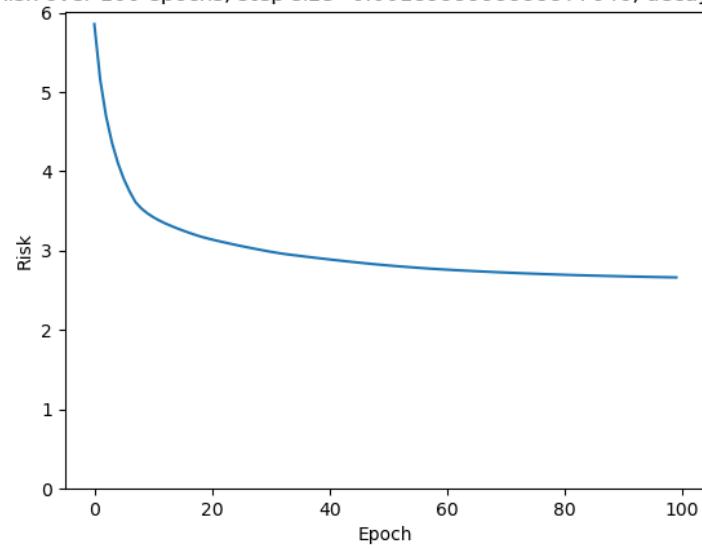
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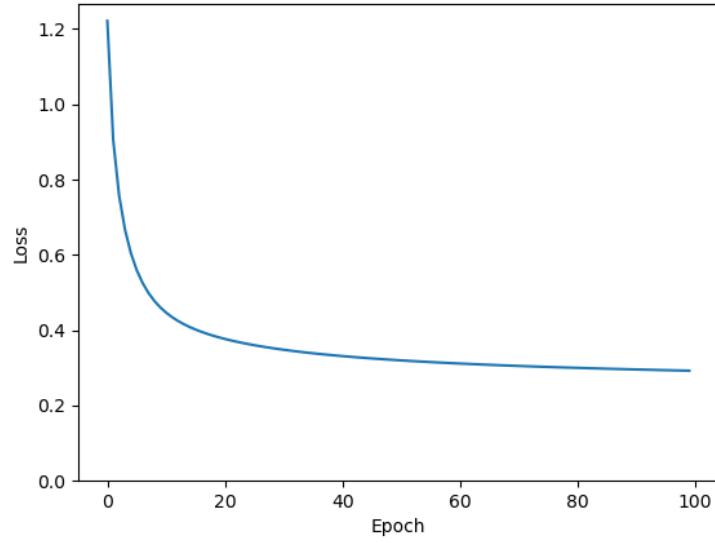
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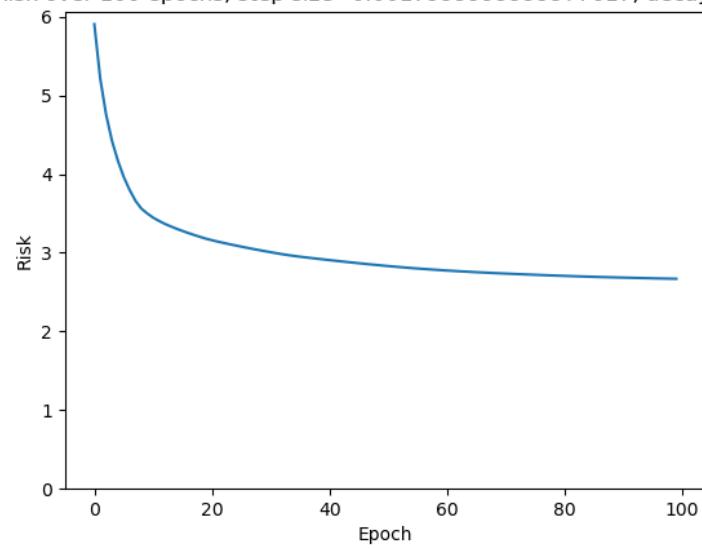
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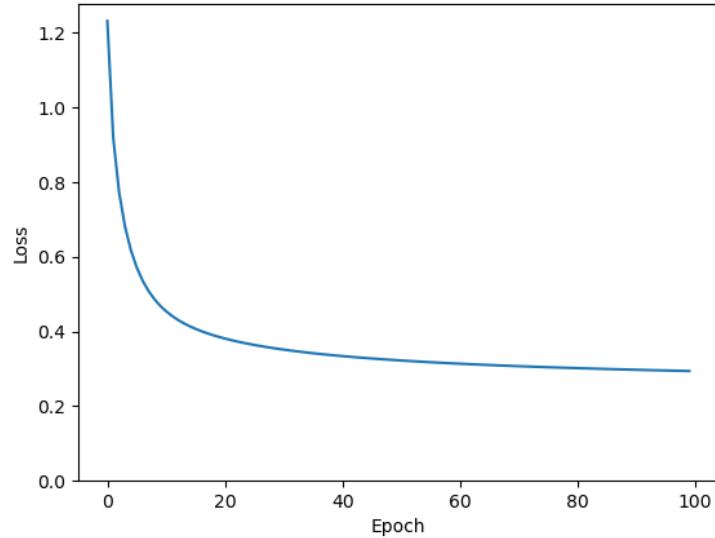
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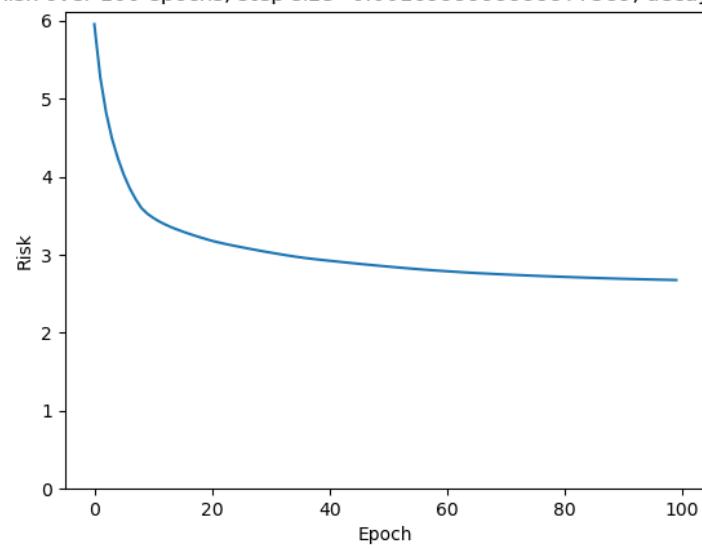
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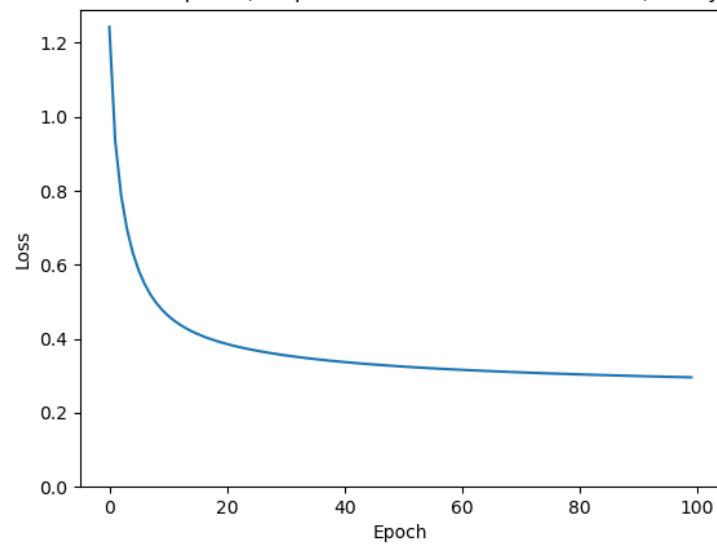
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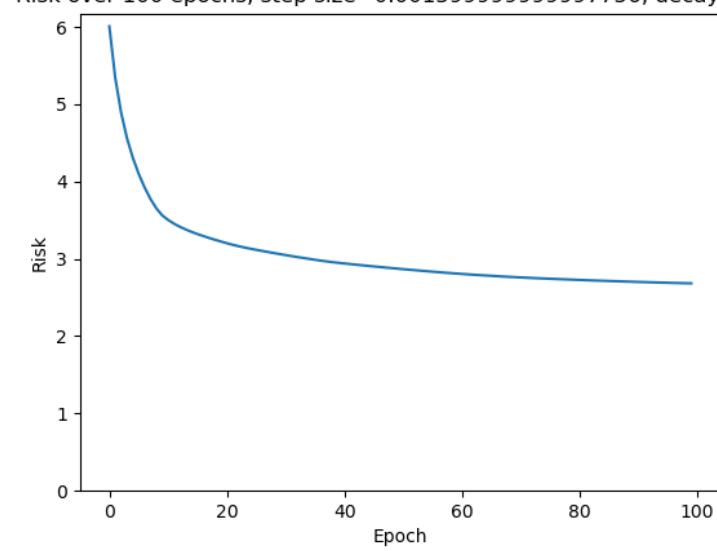
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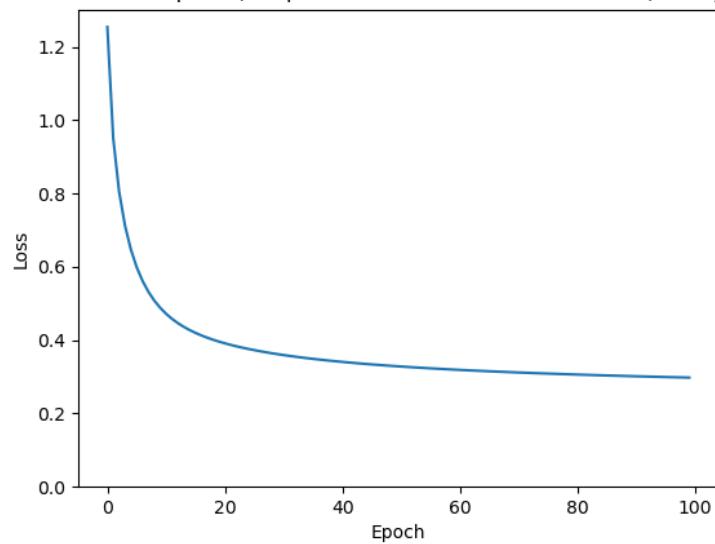
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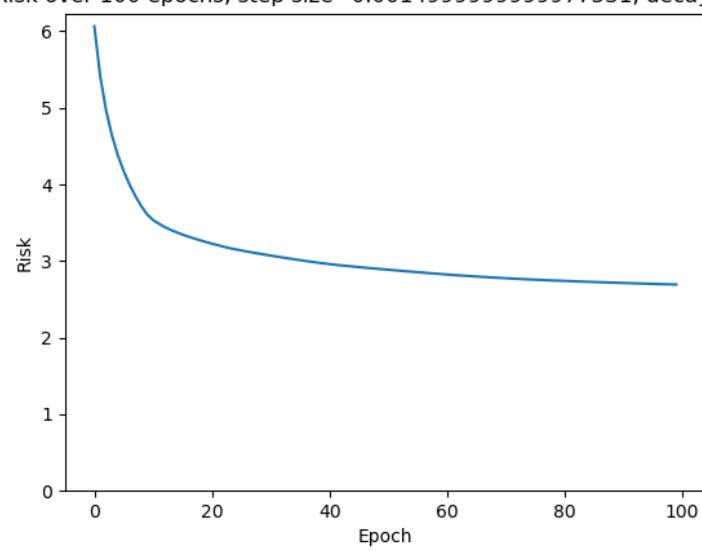
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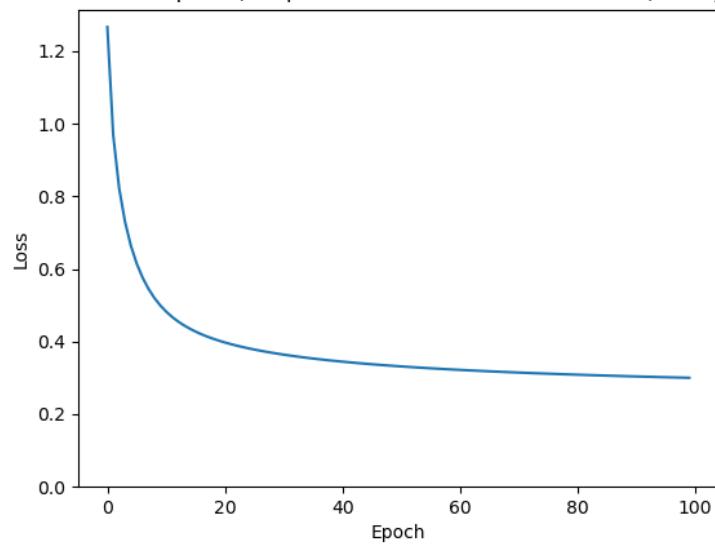
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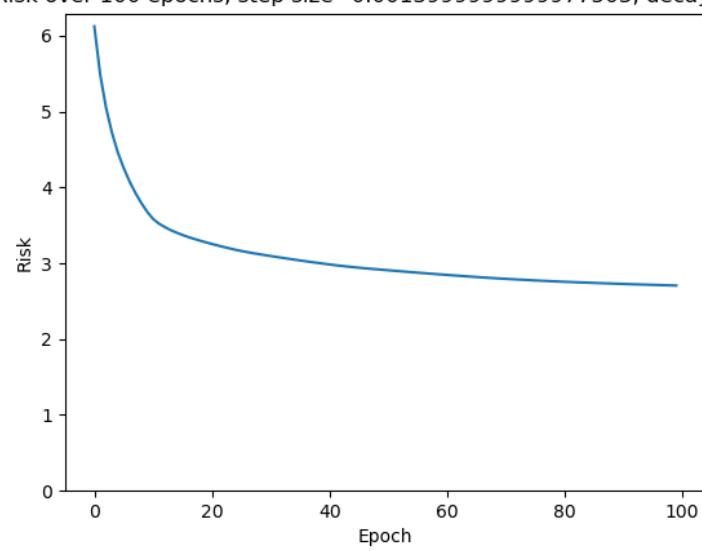
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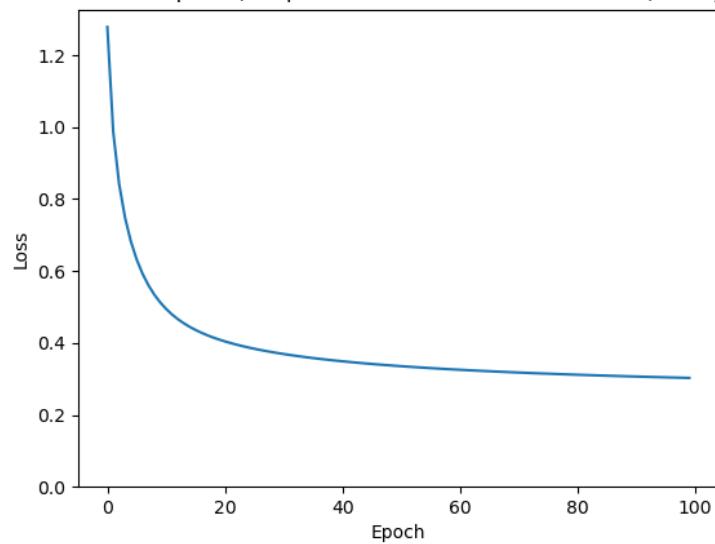
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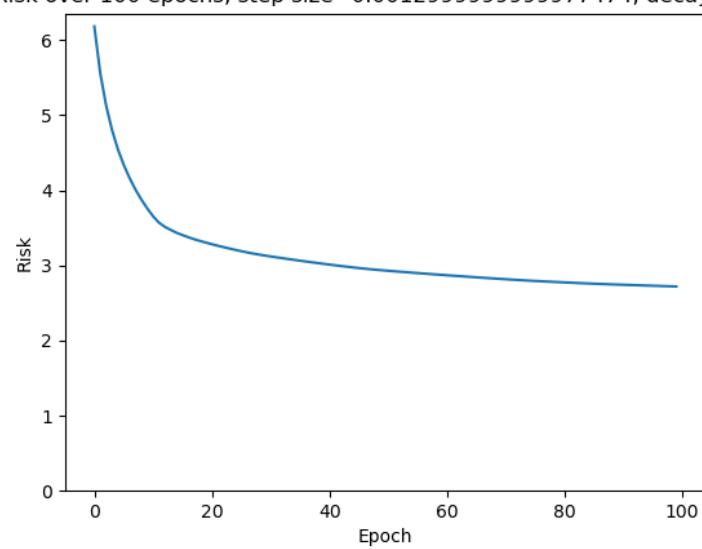
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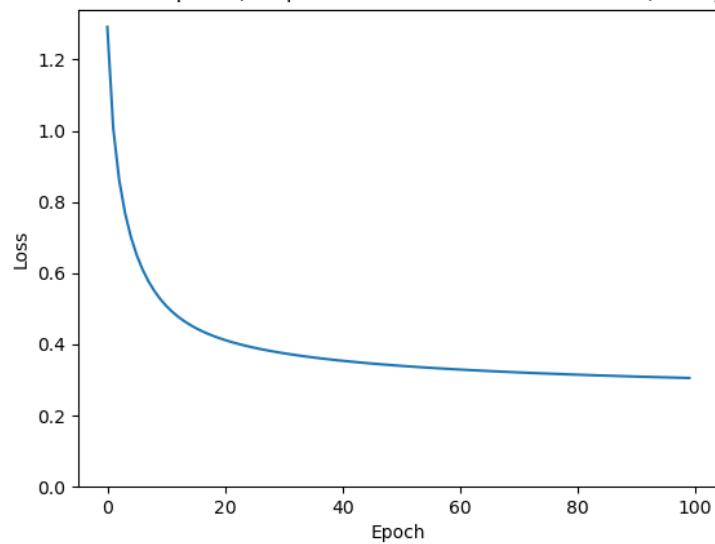
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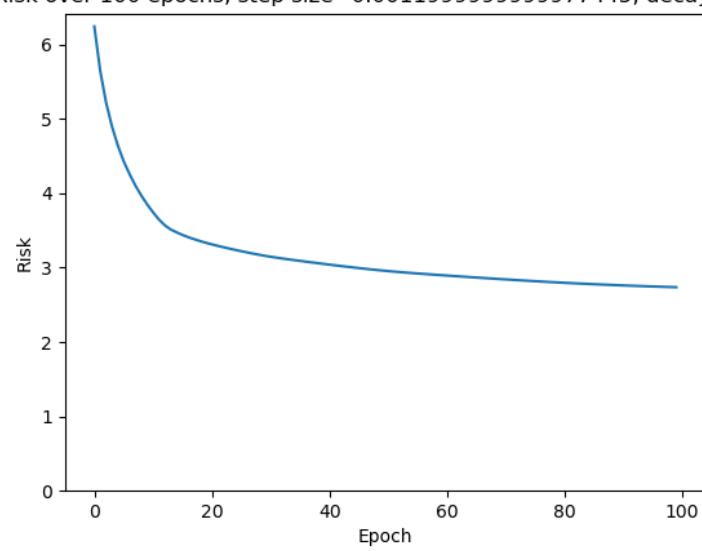
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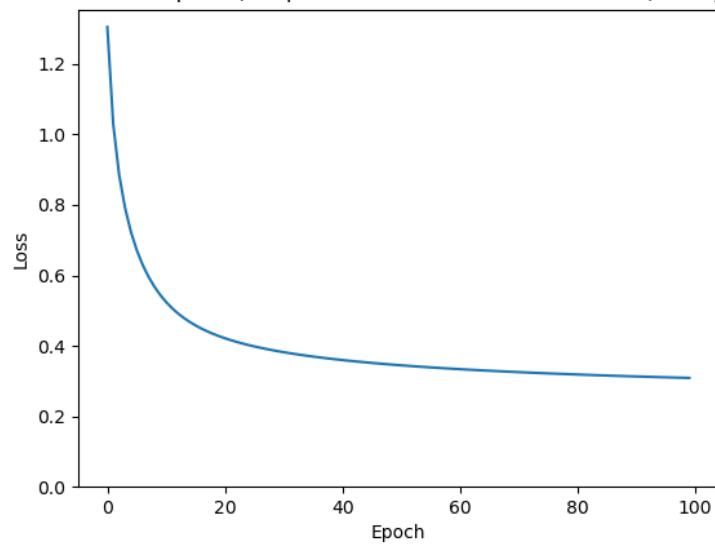
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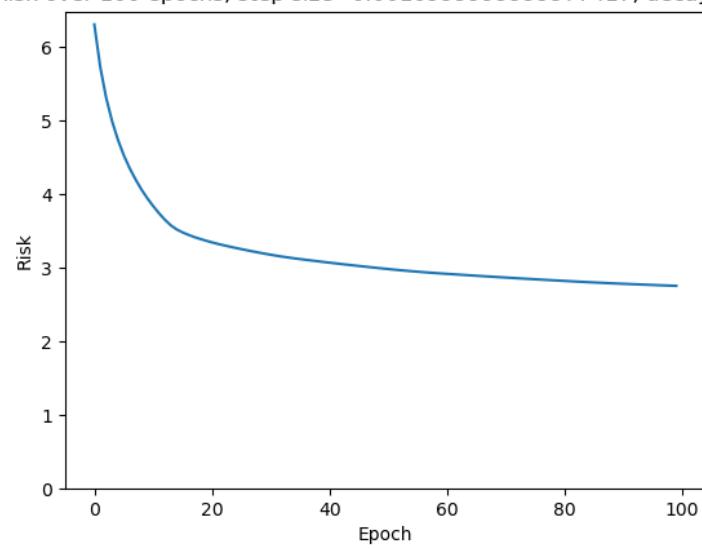
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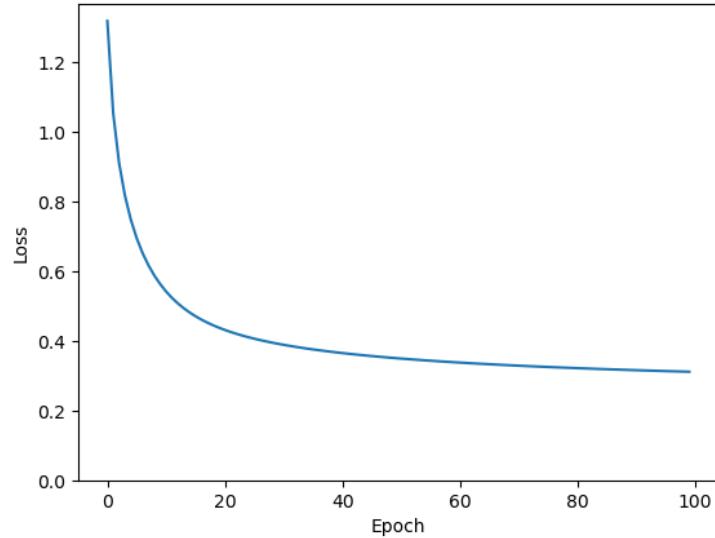
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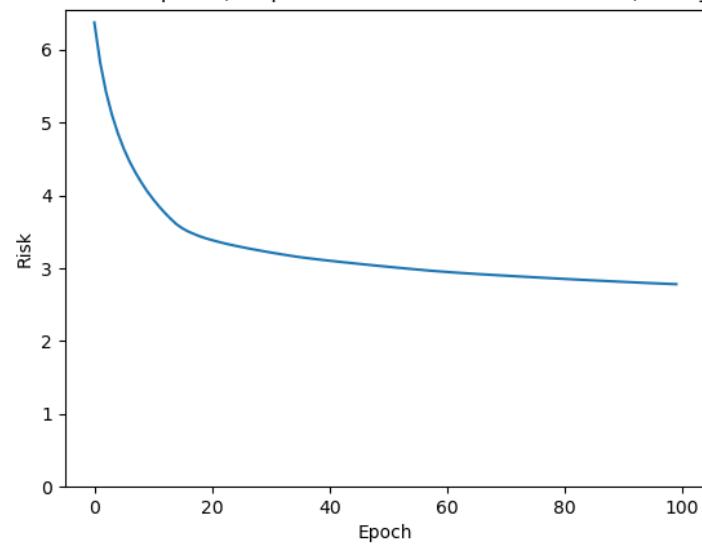
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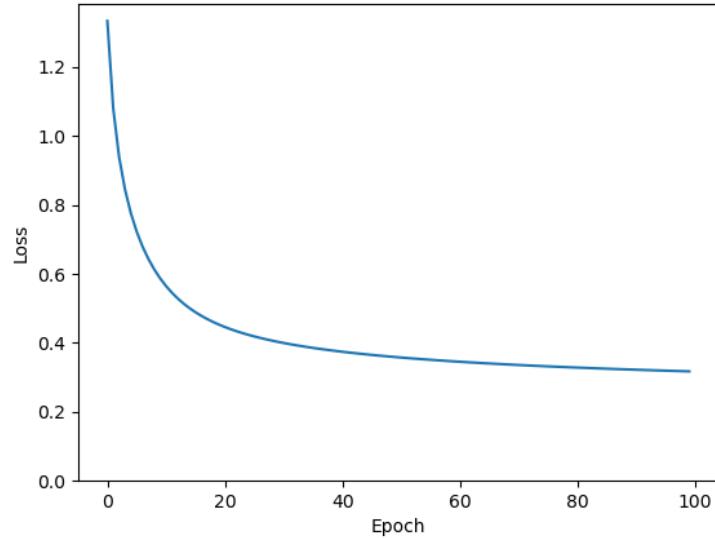
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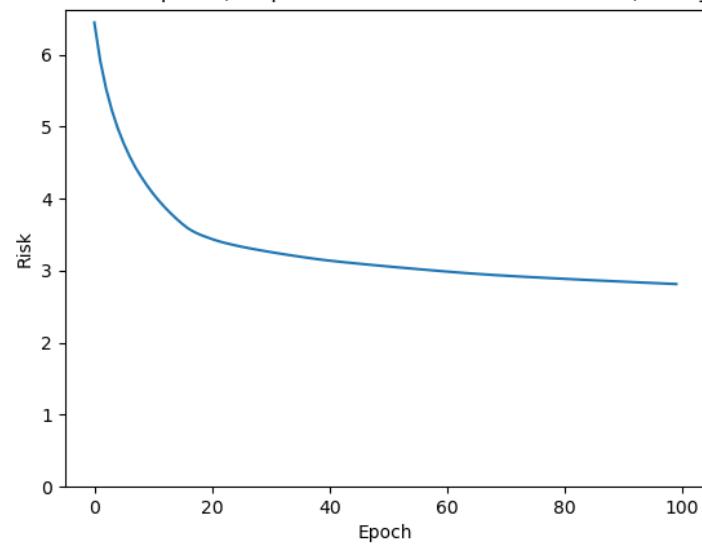
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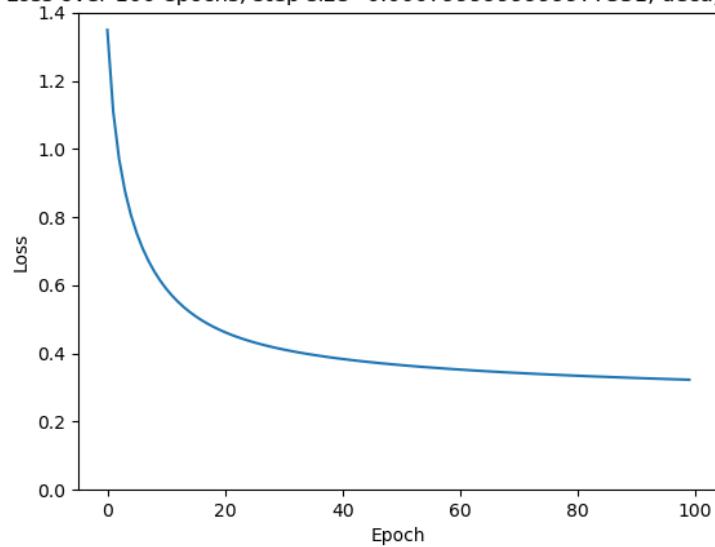
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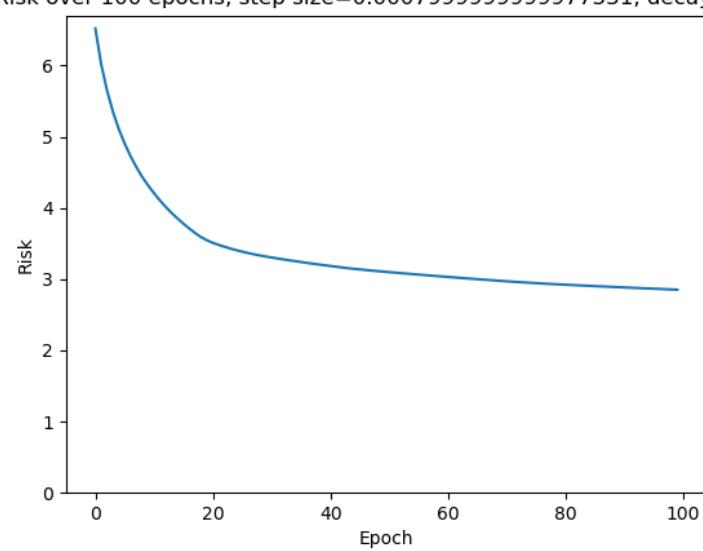
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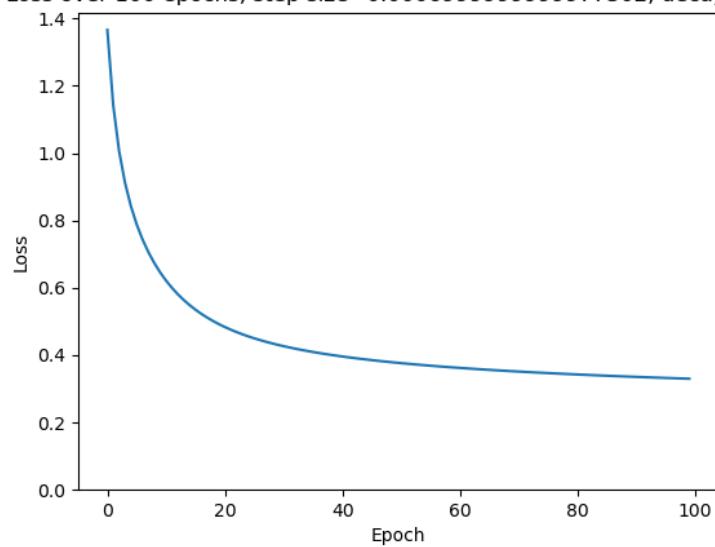
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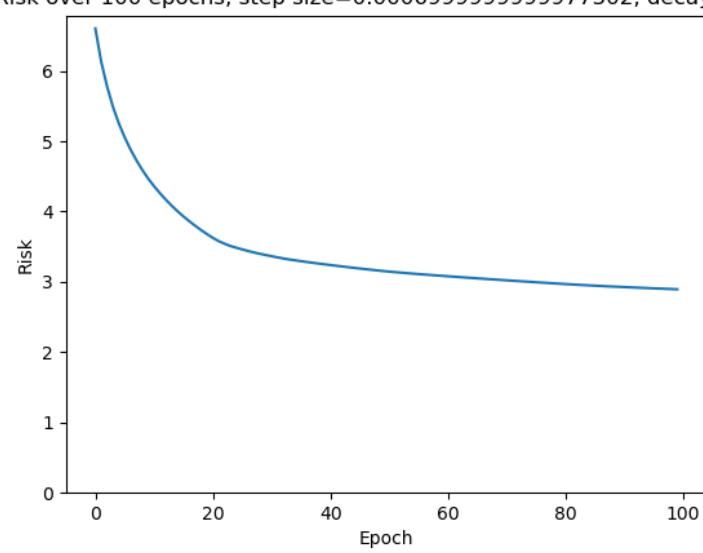
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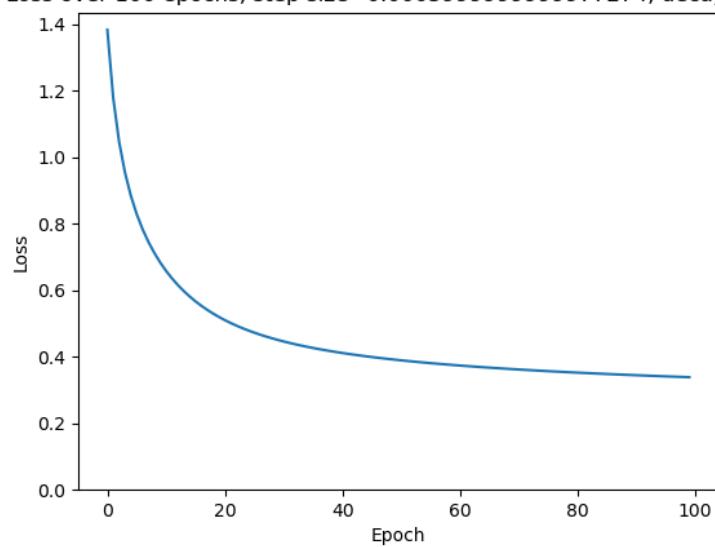
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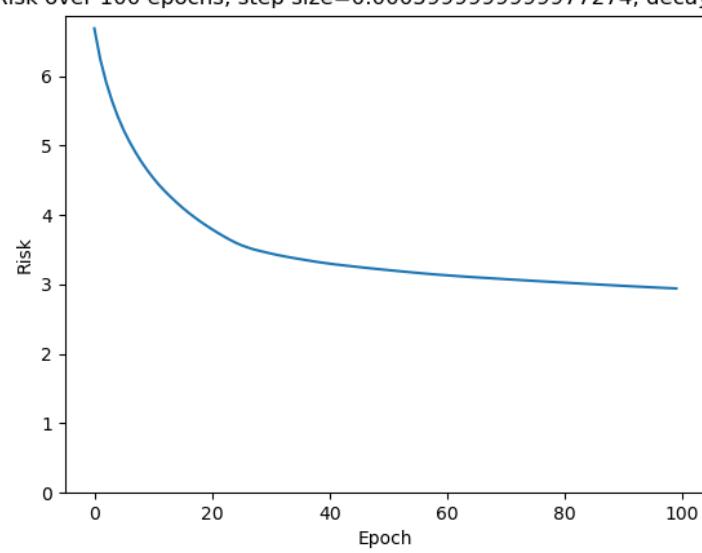
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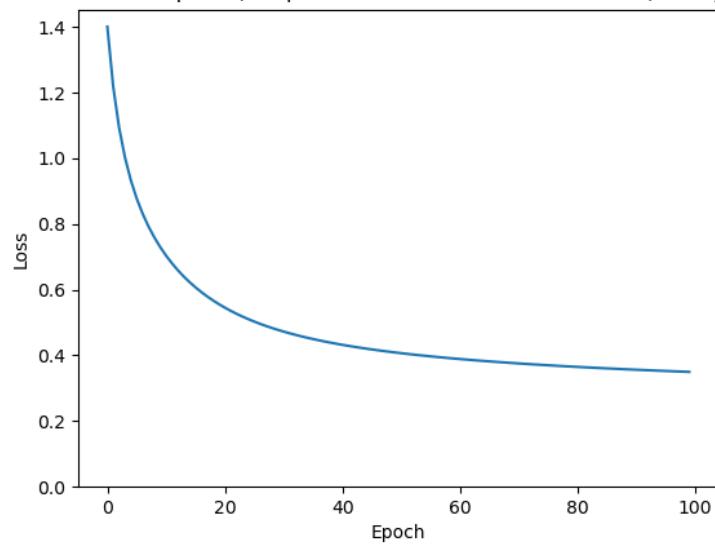
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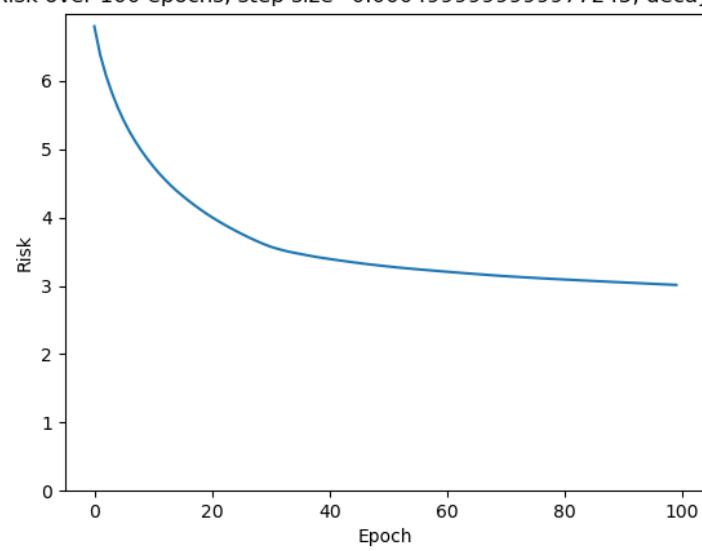
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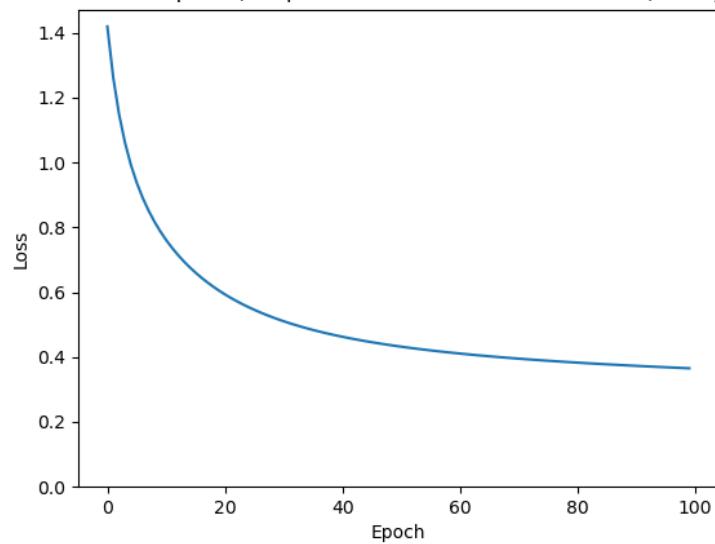
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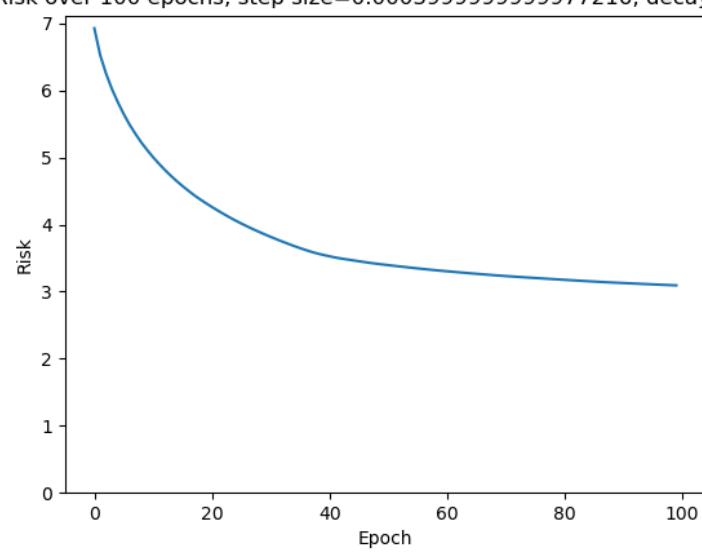
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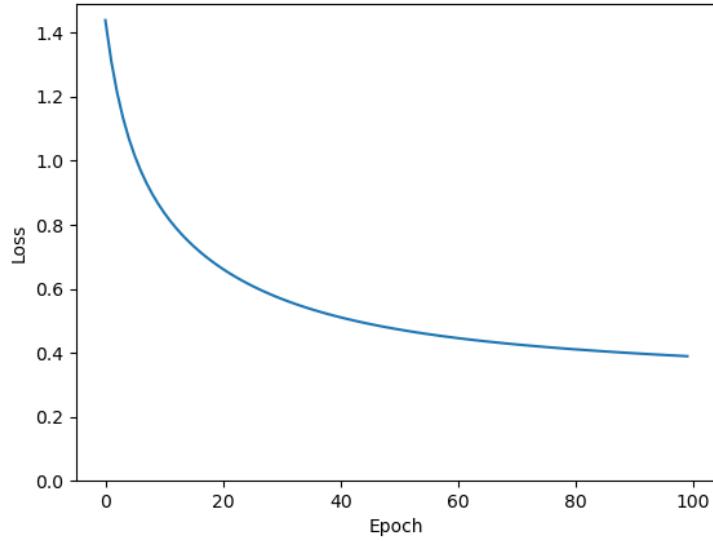
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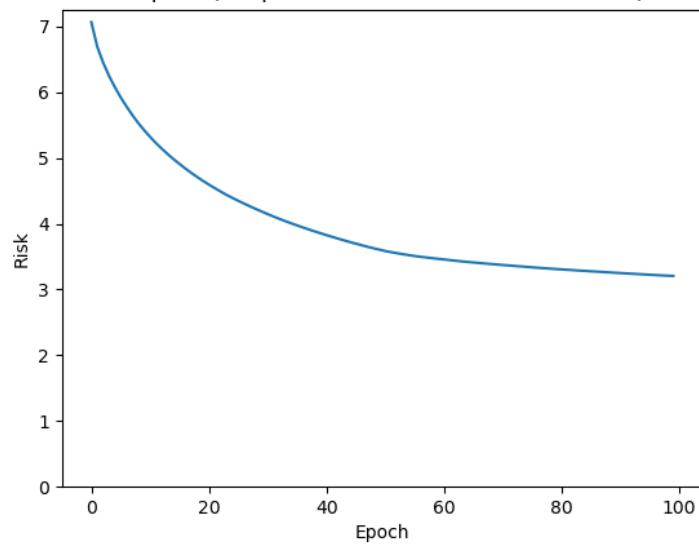
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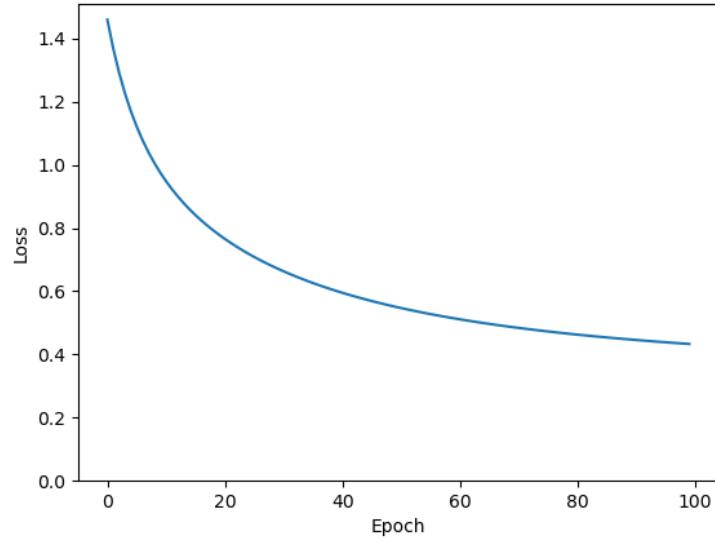
Loss over 100 epochs, step size=0.000299999999771876, decay=0.01



Risk over 100 epochs, step size=0.000299999999771876, decay=0.01



Loss over 100 epochs, step size=0.000199999999977159, decay=0.01



Risk over 100 epochs, step size=0.000199999999977159, decay=0.01

