

range 0-22

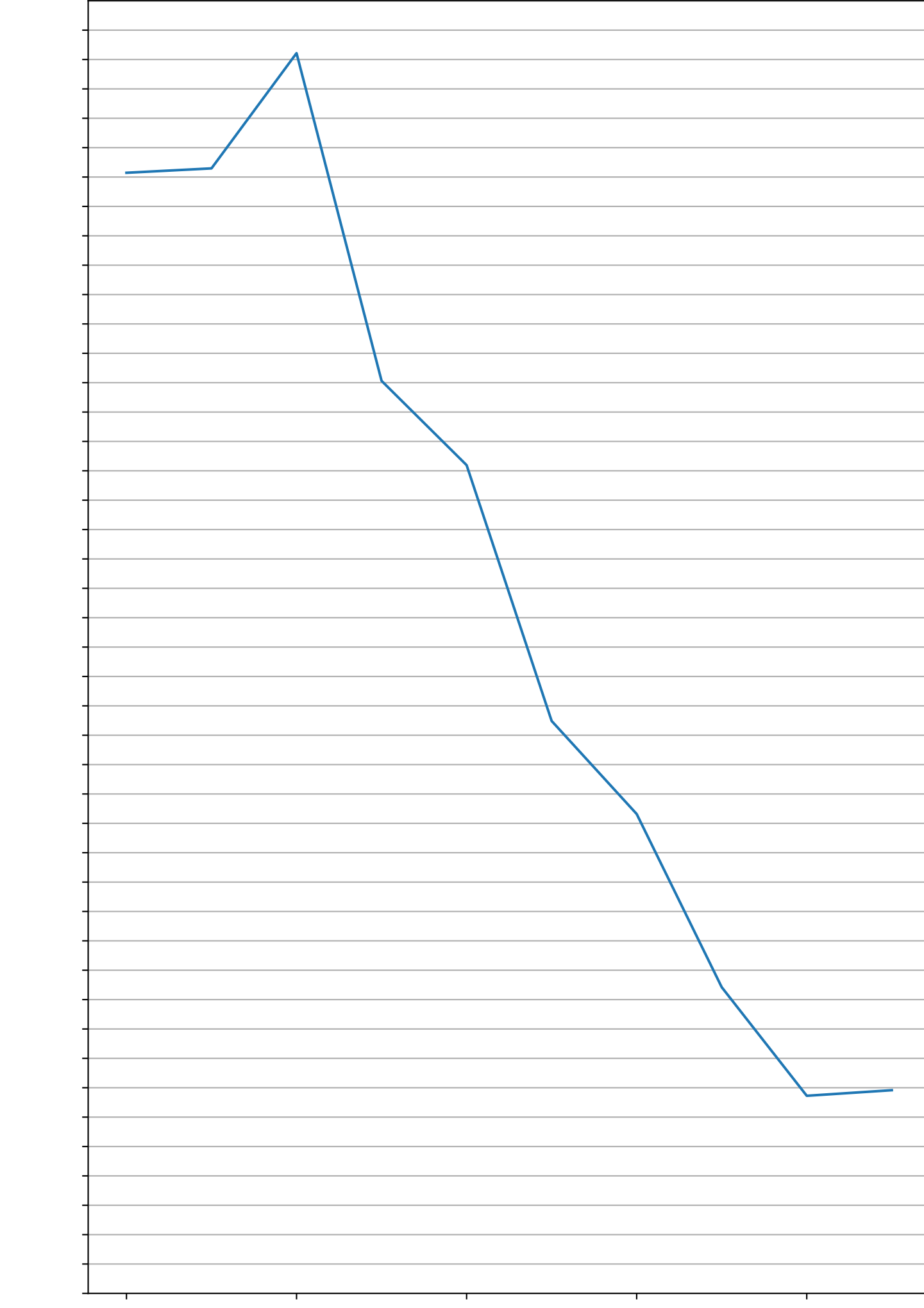
{Adamax{lr:0.4,b1:0.6,b2:0.9}}

last f:3.3747762711116653,gen_err:3.0015254717588693



{Adamax{lr:0.4,b1:0.6,b2:0.999}}

last f:3.4580901495705016,gen_err:4.334887952139011



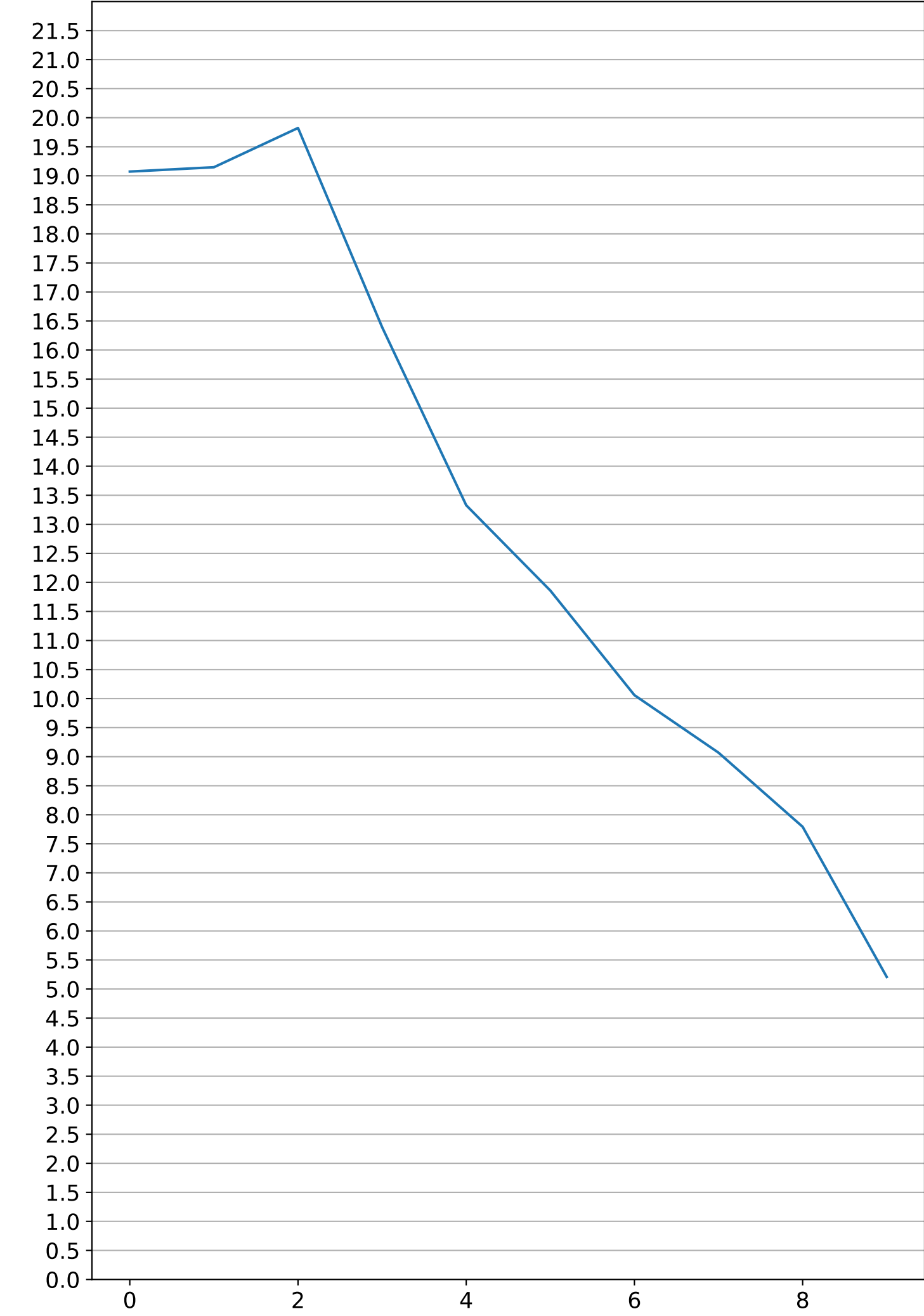
{Adamax{lr:0.4,b1:0.6,b2:0.8}}

last f:3.949276347046167,gen_err:5.674288704609353



{Adamax{lr:0.4,b1:0.9,b2:0.9}}

last f:5.207978336933692,gen_err:4.440379709866335



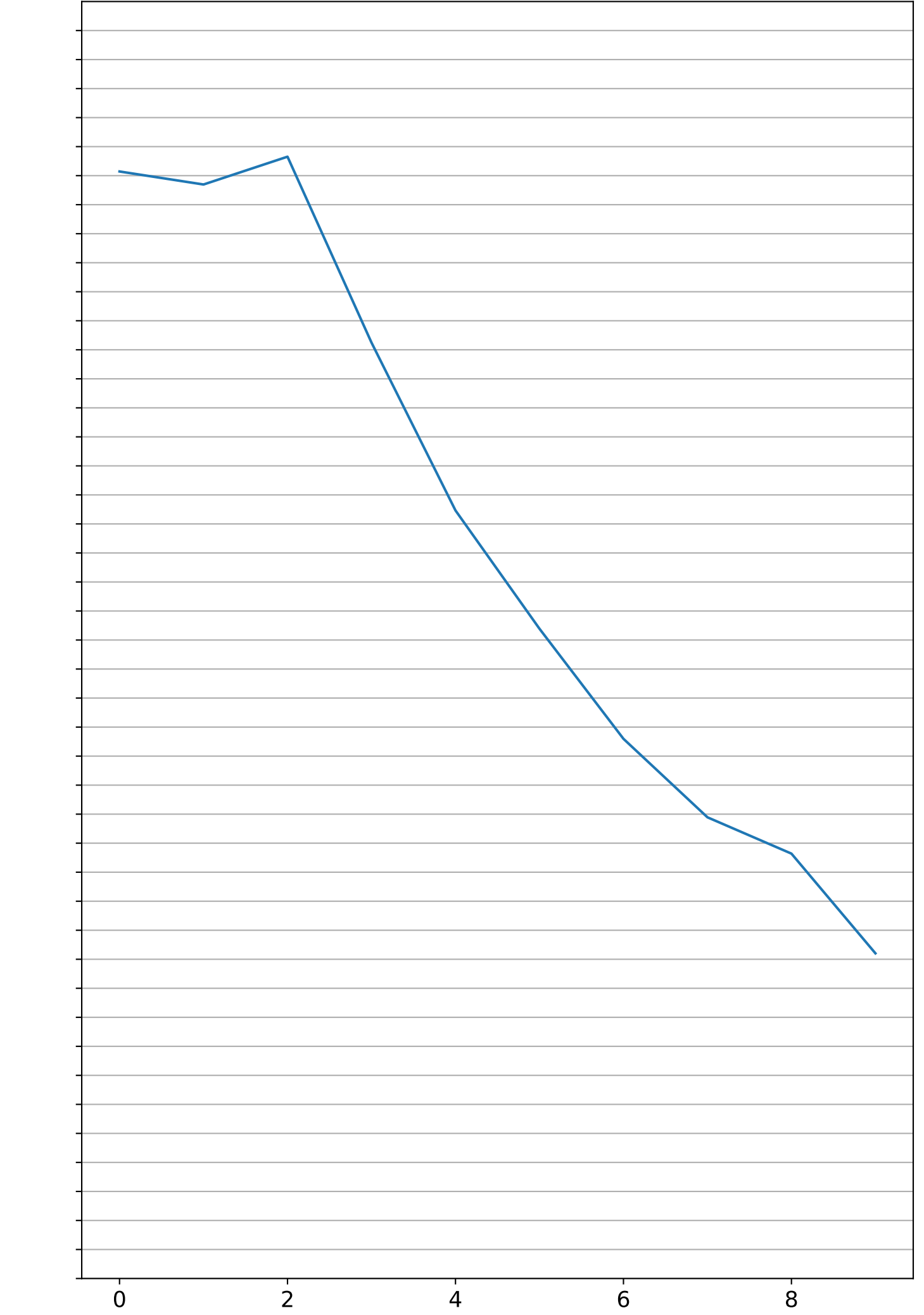
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last f:5.333420410191551,gen_err:6.710486498477728

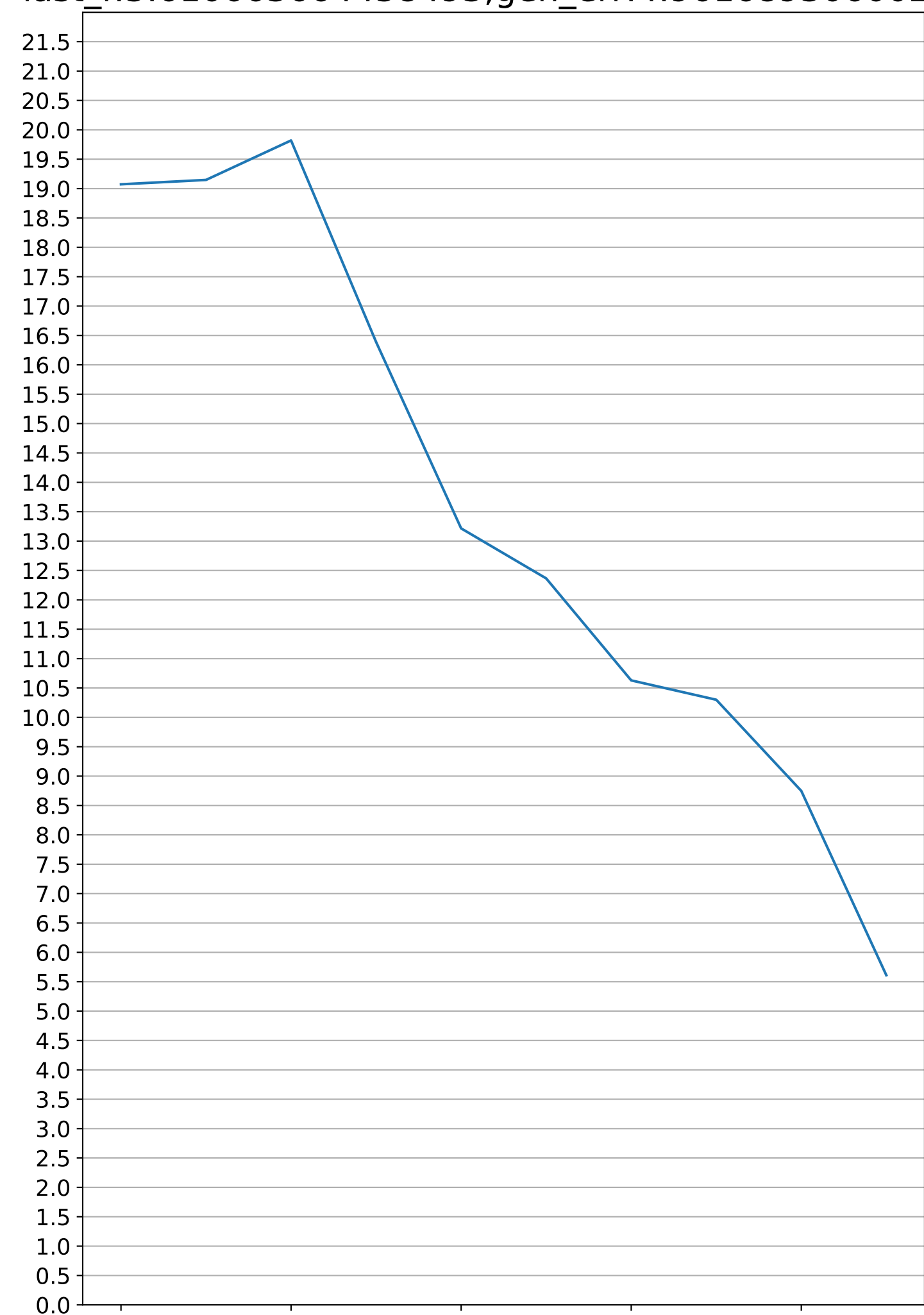


{Adamax{lr:0.4,b1:0.9,b2:0.999}}

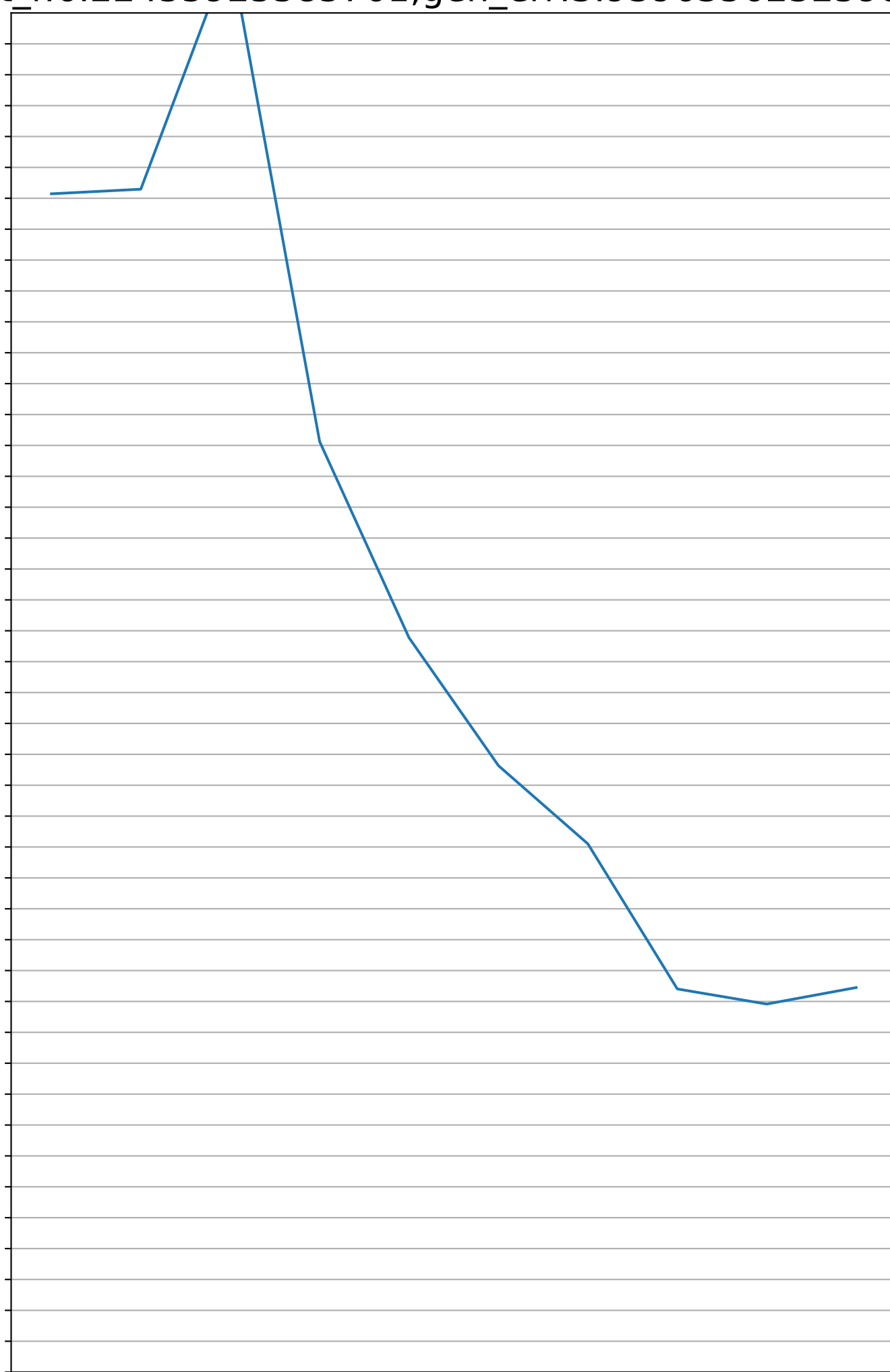
last f:5.602047449103289,gen_err:4.7616677312719204



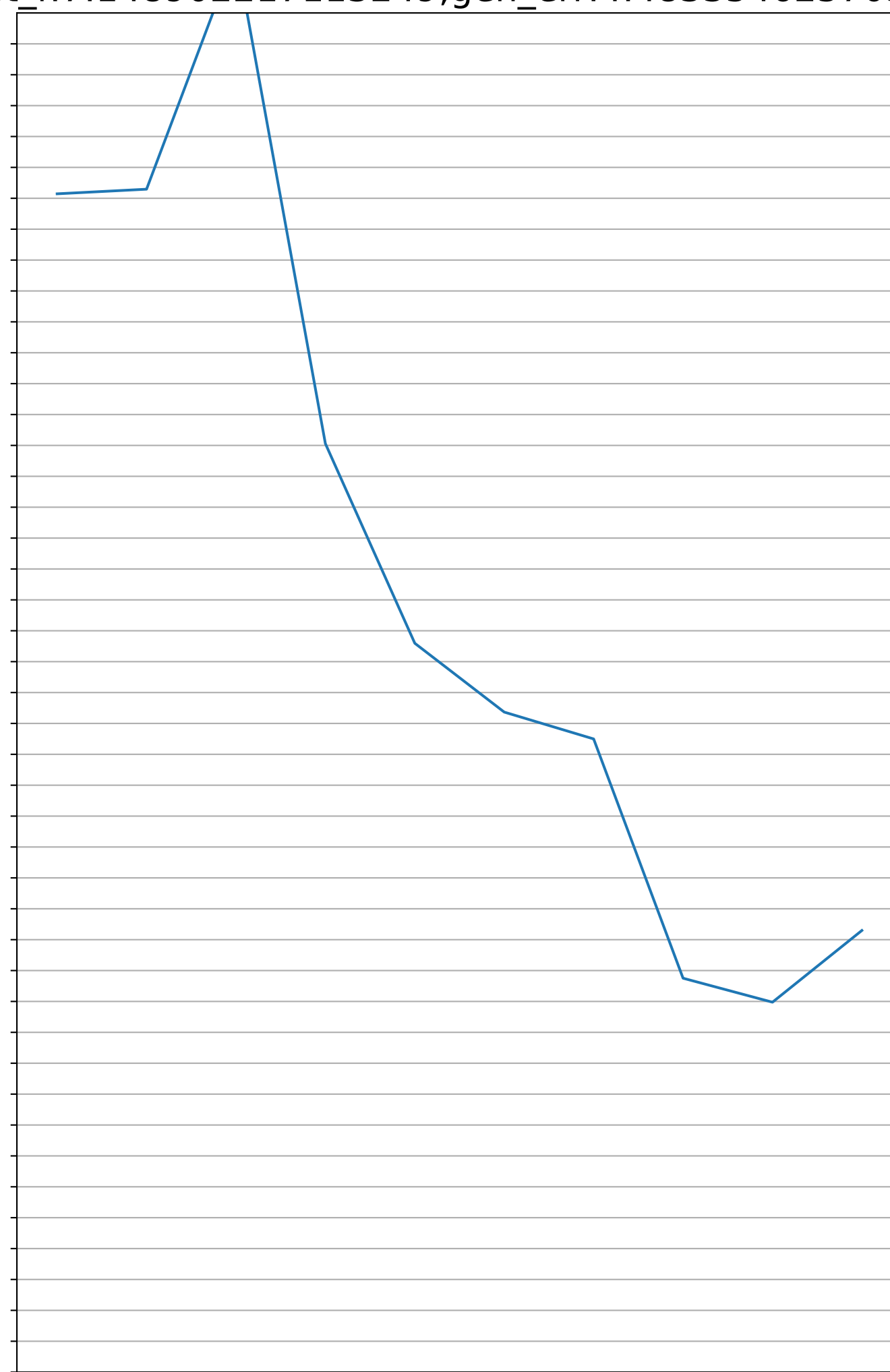
{Adamax{lr:0.4,b1:0.9,b2:0.8}}
last f:5.610663664458493,gen_err:4.961689306002427



{Adamax{lr:0.4,b1:0.3,b2:0.999}}
last f:6.22455925585761,gen_err:3.9396356232598264



{Adamax{lr:0.4,b1:0.3,b2:0.9}}
last f:7.148902217113249,gen_err:4.483354625703263



{Adamax{lr:0.4,b1:0,b2:0.8}}
last f:7.627522712848622,gen_err:8.396556611622126



{Adamax{lr:0.4,b1:0,b2:0.9}}
last f:8.648406168374507,gen_err:6.445543875001108



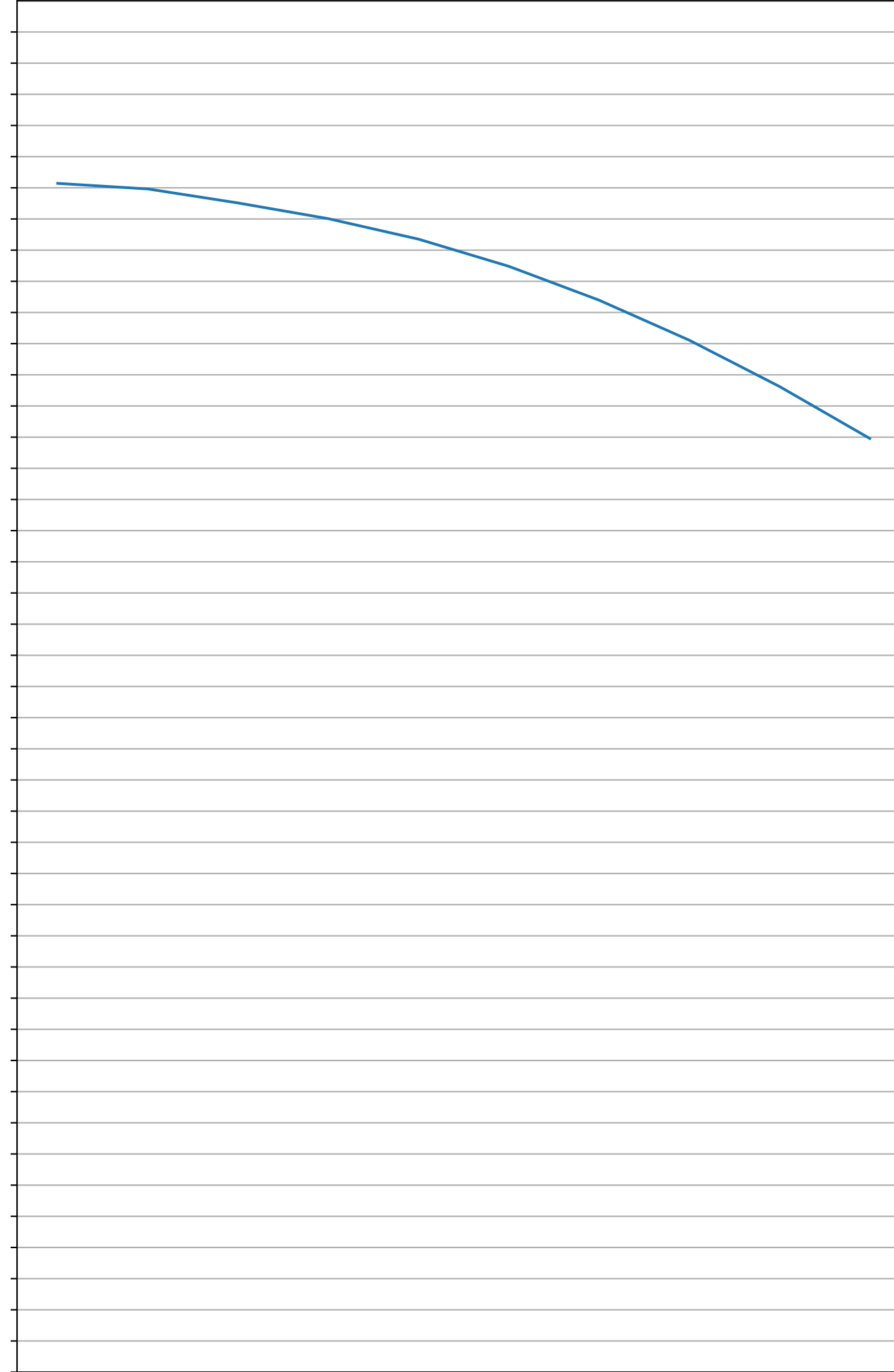
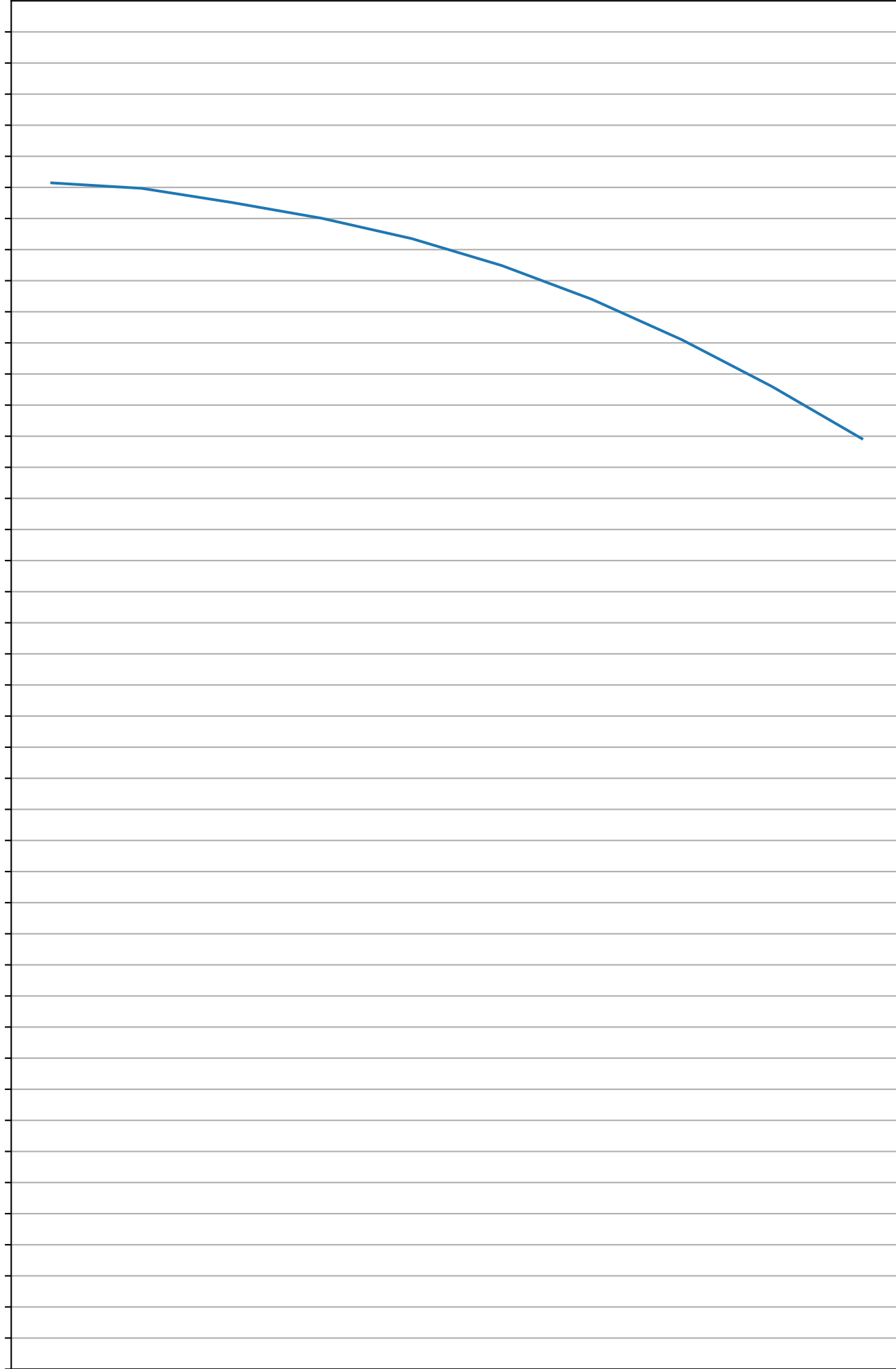
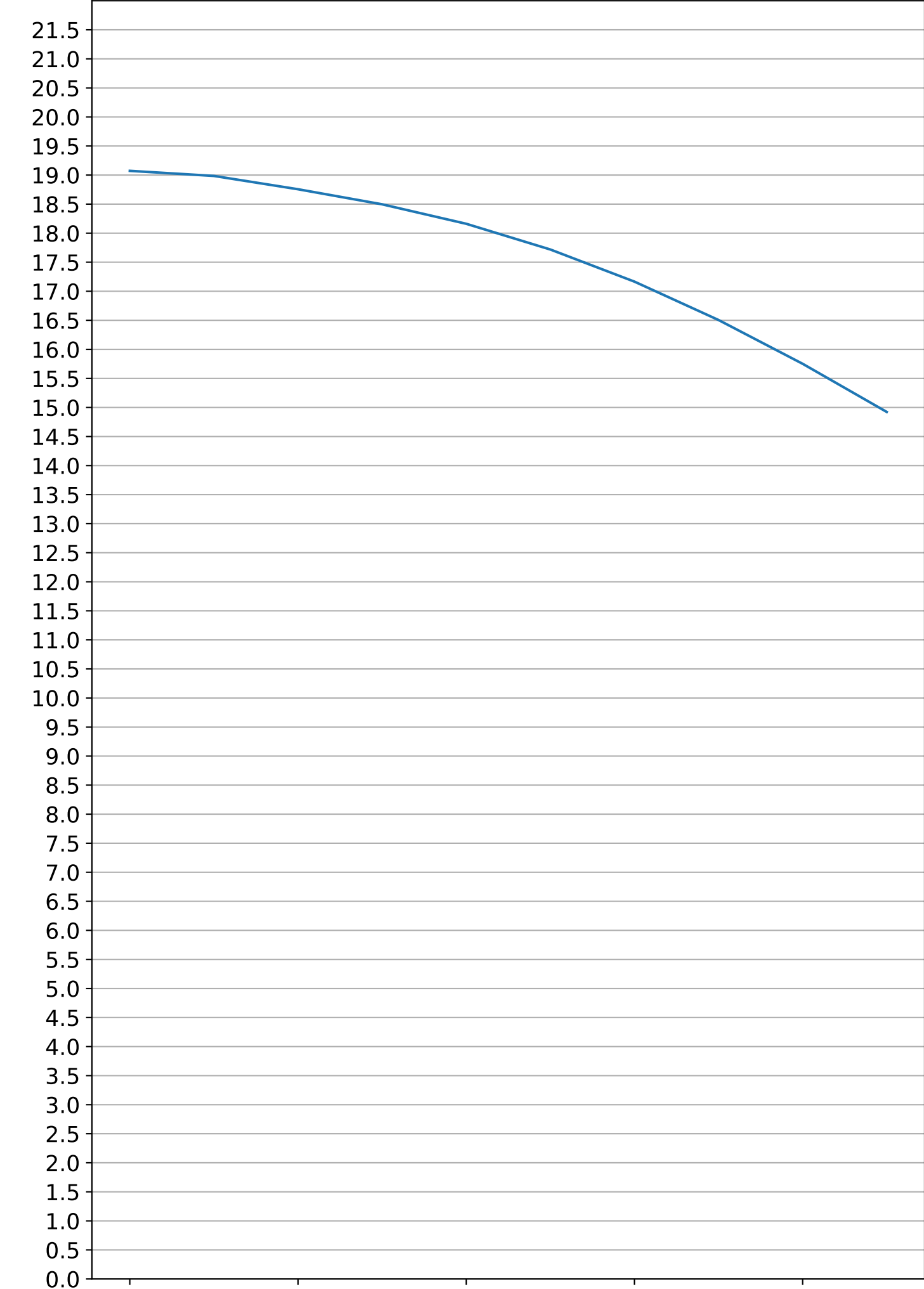
{Adamax{lr:0.4,b1:0,b2:0.999}}
last f:8.961108772404476,gen_err:6.071769745079738



{Adamax{lr:0.03,b1:0,b2:0.9}} last f:14.922978851309338,gen_err:13.527077435178601

{Adamax{lr:0.03,b1:0,b2:0.999}} last f:14.959814773472598,gen_err:13.587998008490324

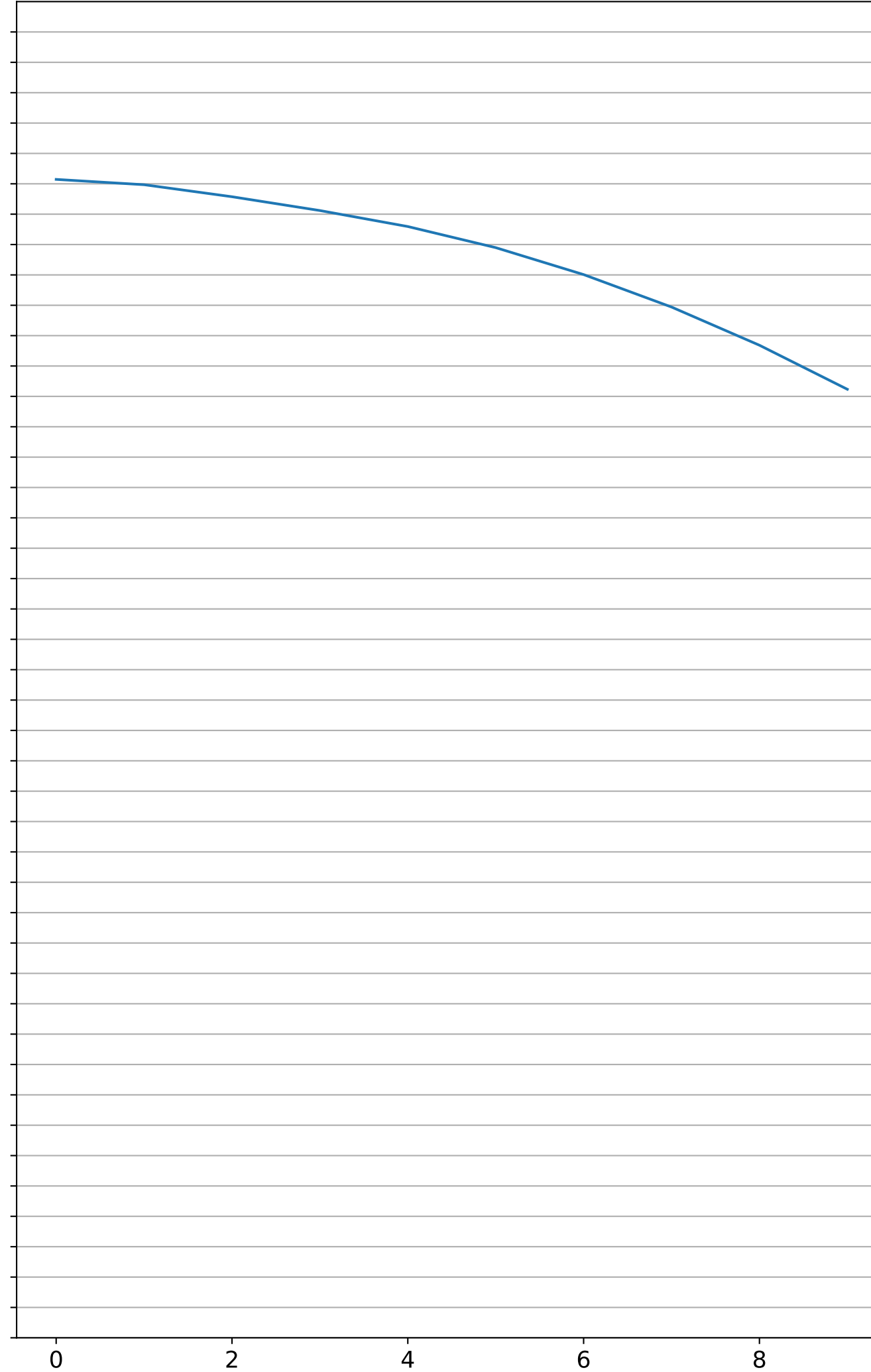
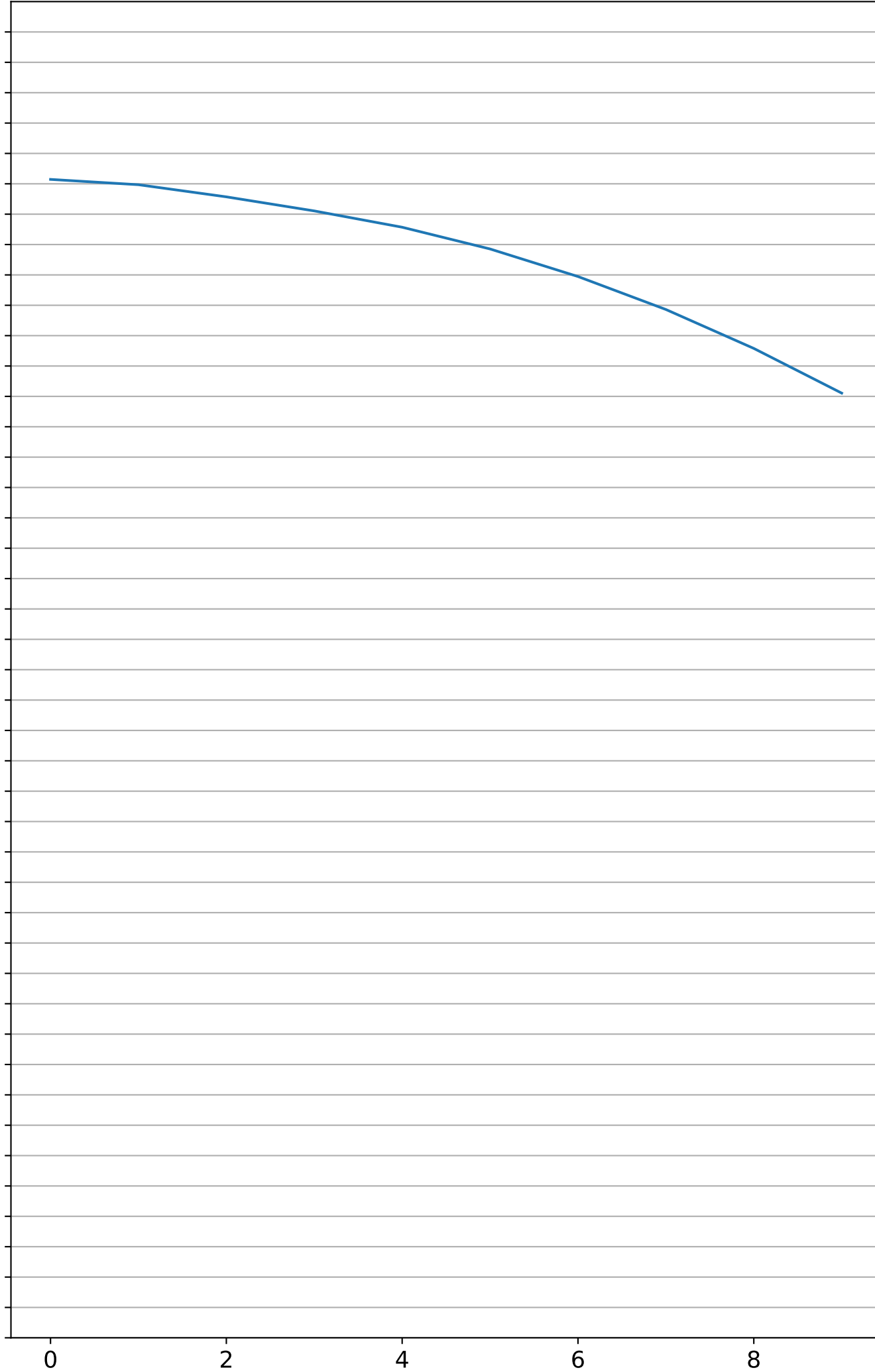
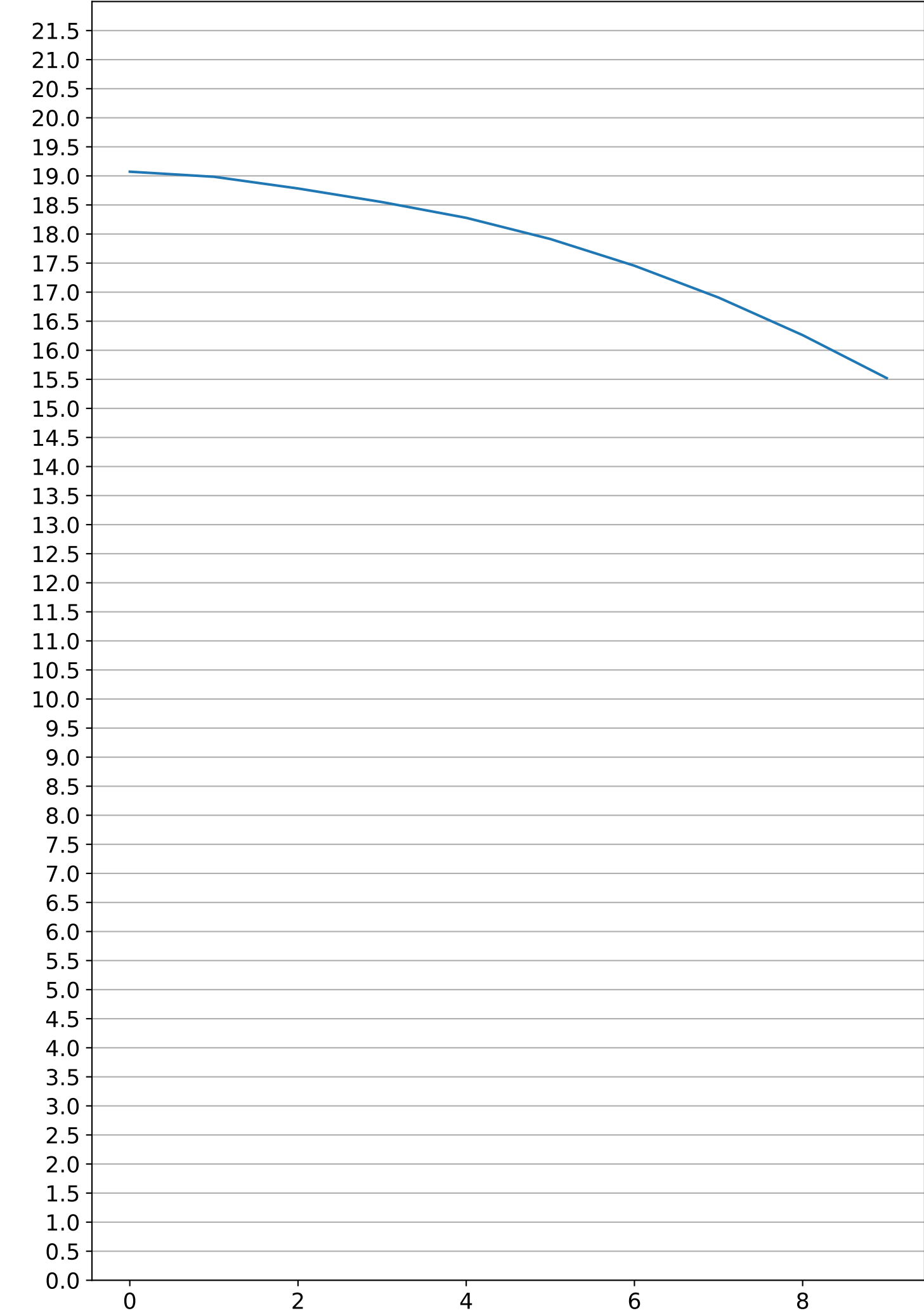
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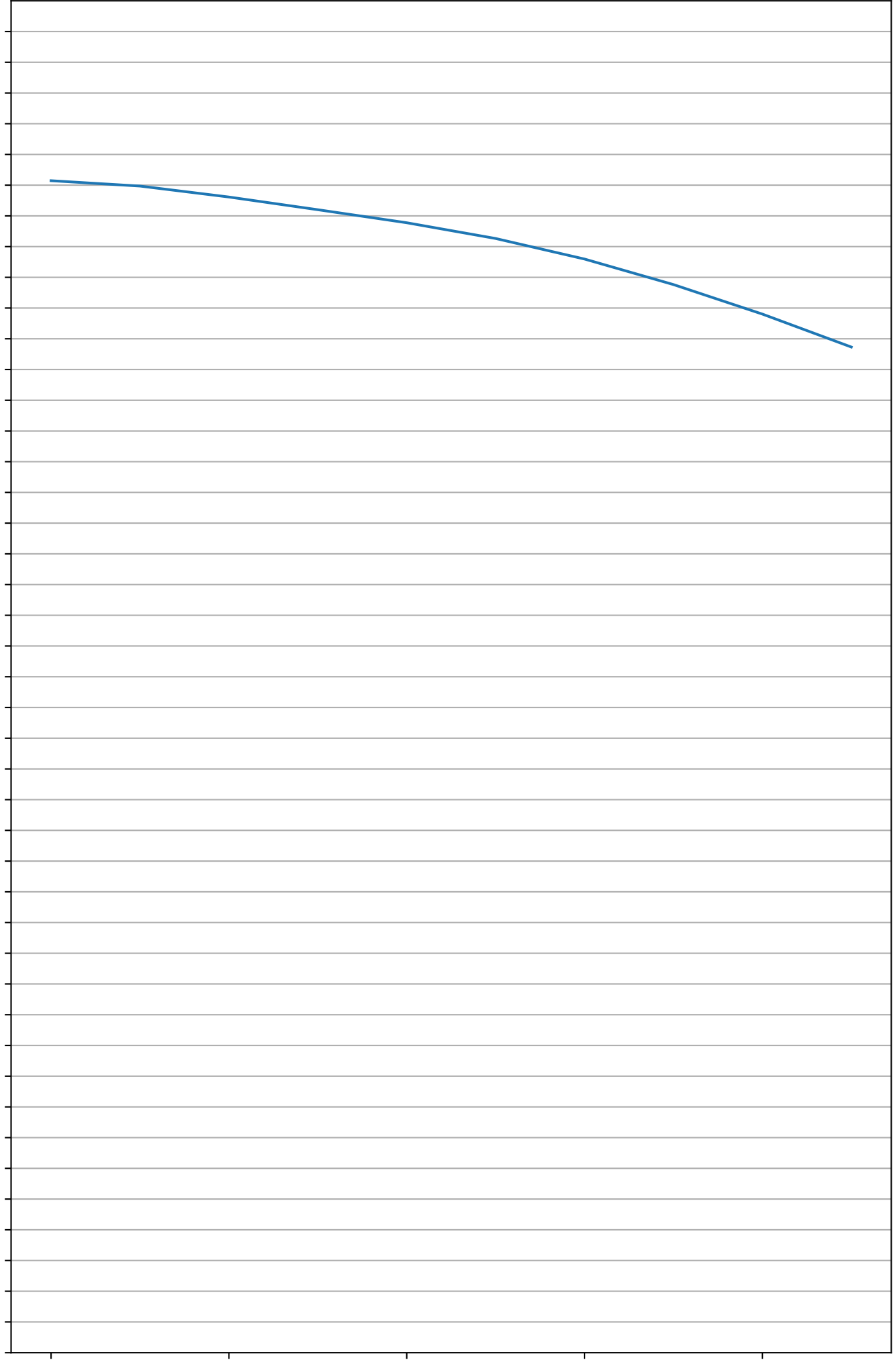
{Adamax{lr:0.03,b1:0.3,b2:0.8}} last f:15.520871986835342,gen_err:14.201452973006216

{Adamax{lr:0.03,b1:0.3,b2:0.9}} last f:15.553640769927874,gen_err:14.23279522625971

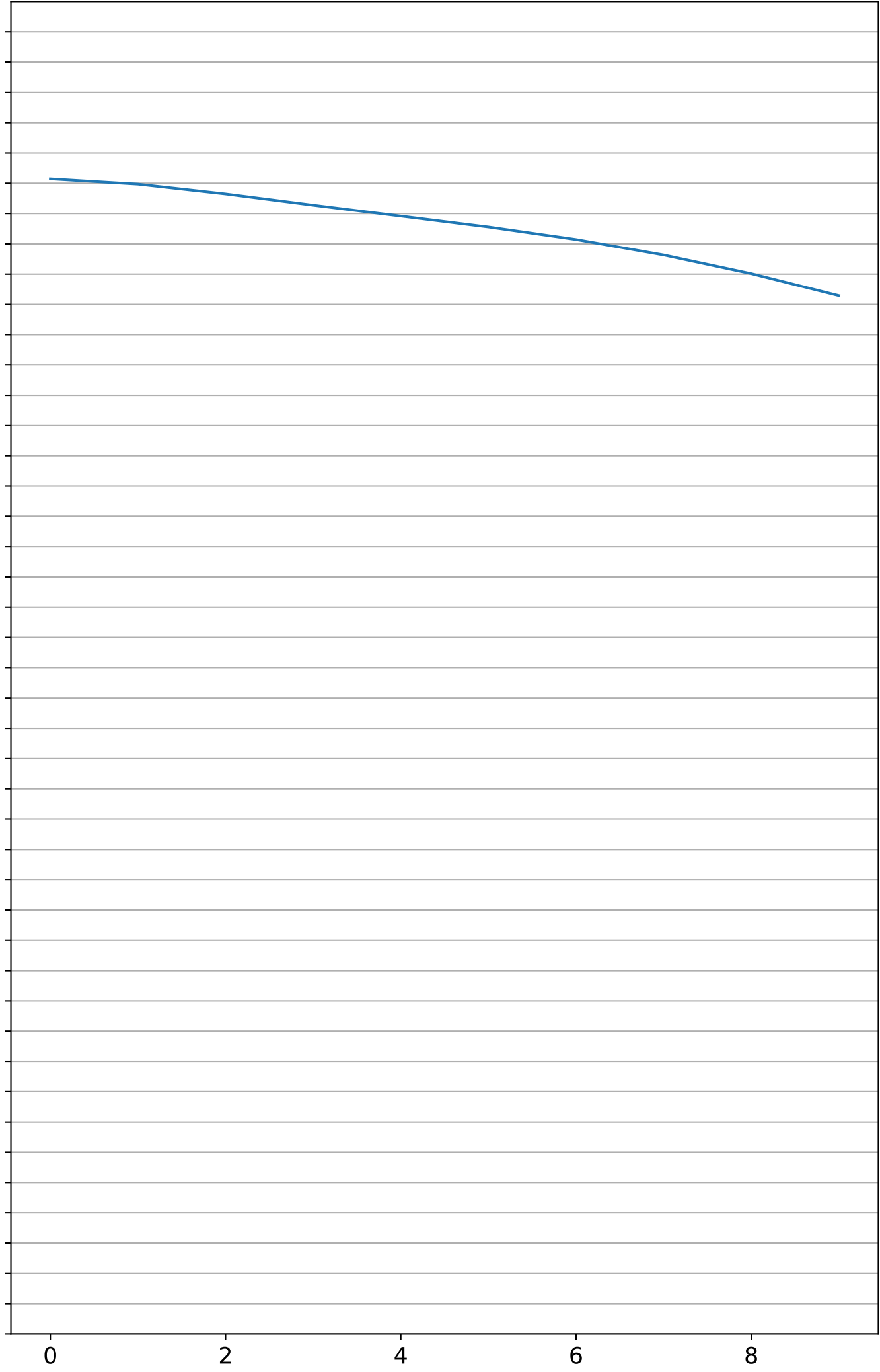
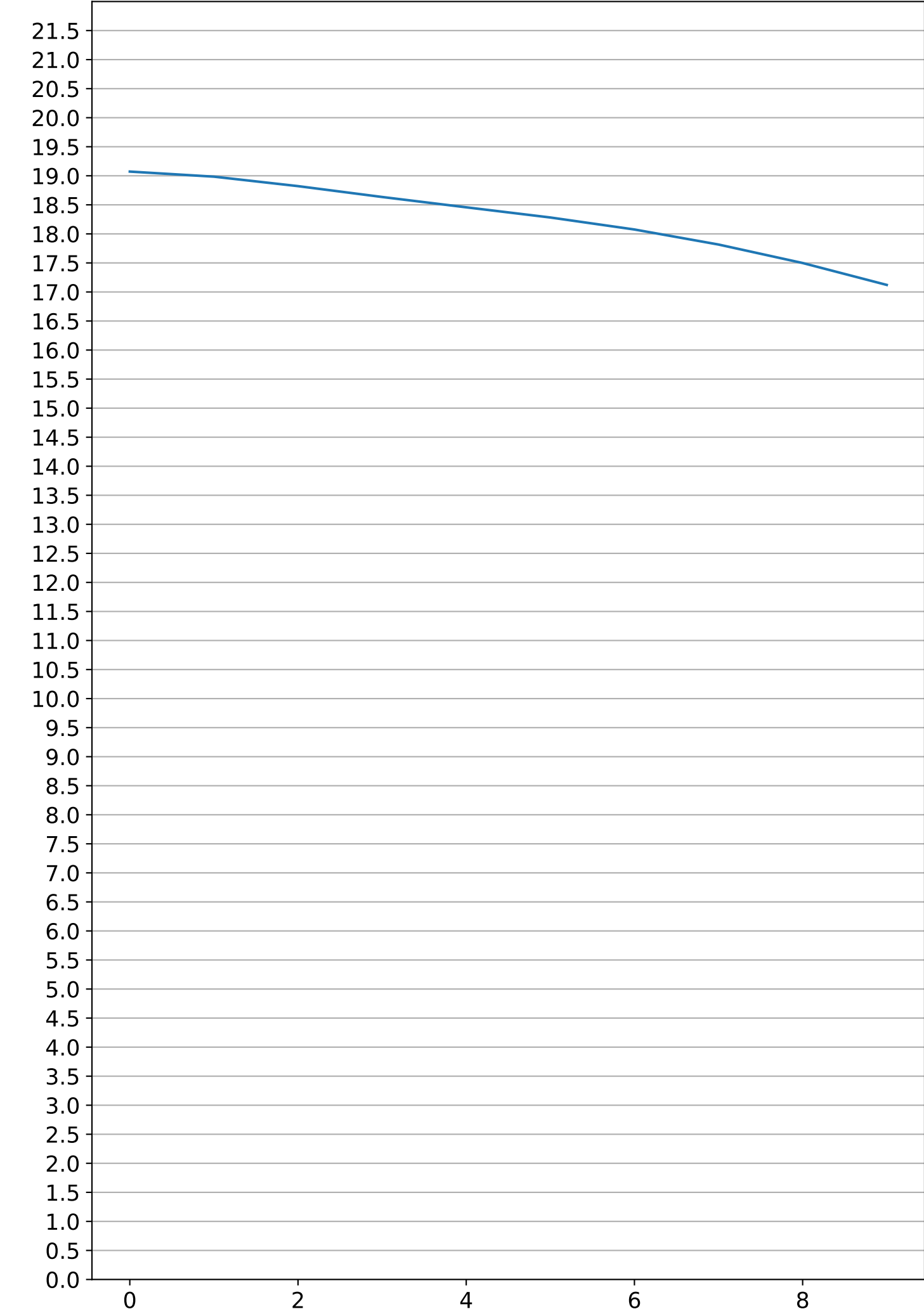
{Adamax{lr:0.03,b1:0.3,b2:0.999}} last f:15.616829184724494,gen_err:14.291150671938947



$\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.6,\text{b2}:0.8\}\}$ $\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.6,\text{b2}:0.9\}\}$ $\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.6,\text{b2}:0.999\}\}$
last f:16.345896392780773,gen_err:15.244979237048234 last f:16.36571408233814,gen_err:15.241795499175016 last f:16.420636304002826,gen_err:15.277496502382096



$\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.9,\text{b2}:0.8\}\}$ $\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.9,\text{b2}:0.9\}\}$ $\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.9,\text{b2}:0.999\}\}$
last f:17.12138409822532,gen_err:16.066757671426707 last f:17.144541937050946,gen_err:16.112337500514016 last f:17.19474210985034,gen_err:16.17346270588937

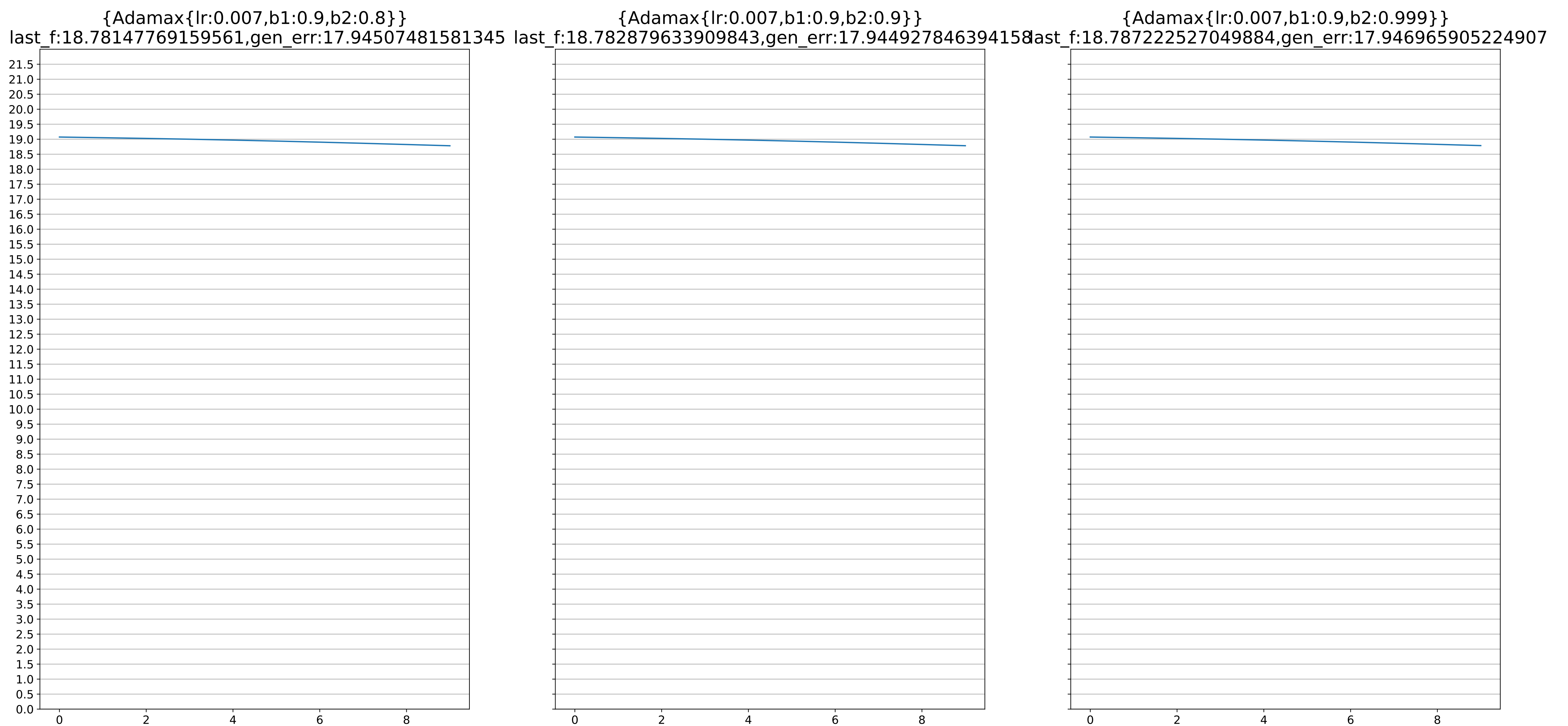
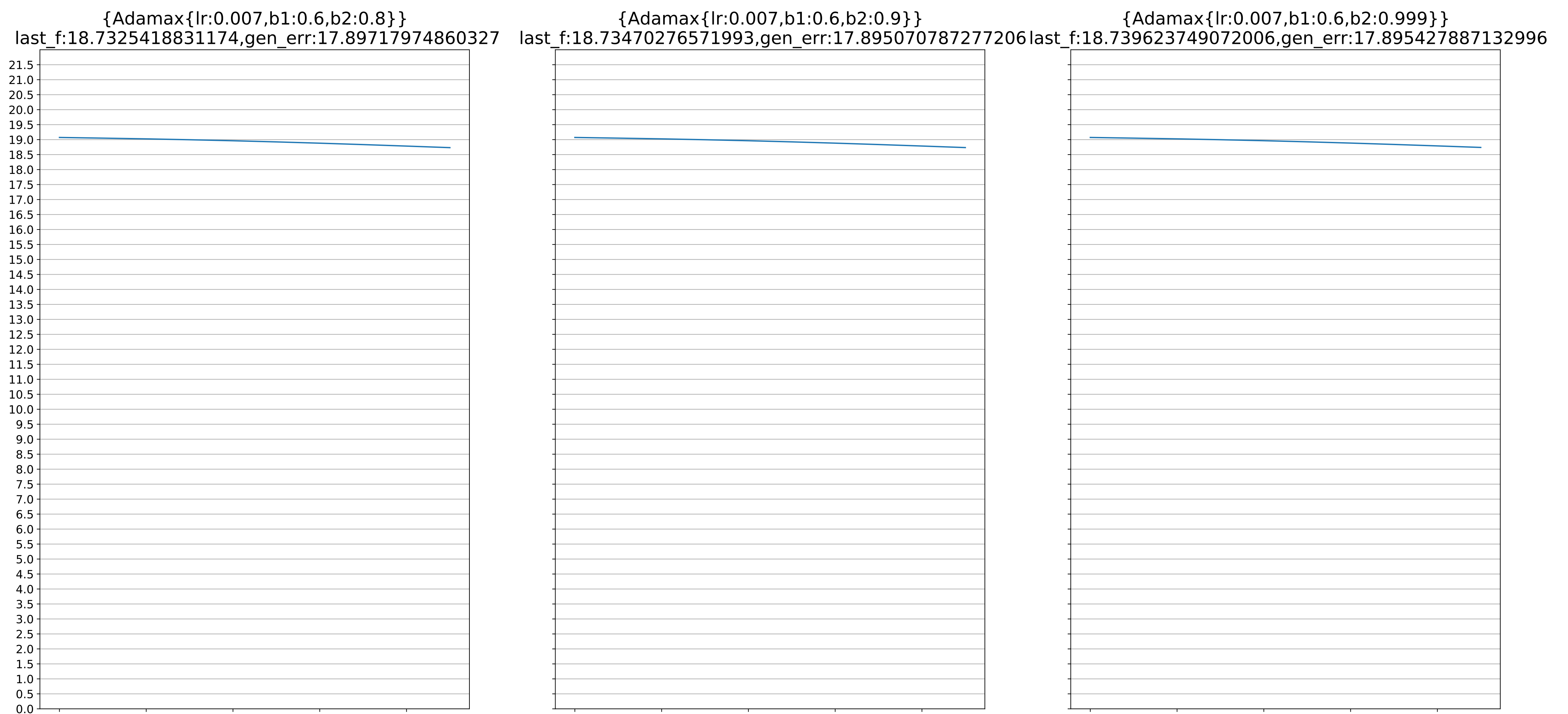


$\{\text{Adamax}\{\text{lr}:0.007,\text{b1}:0,\text{b2}:0.8\}\}$ $\{\text{Adamax}\{\text{lr}:0.007,\text{b1}:0,\text{b2}:0.9\}\}$ $\{\text{Adamax}\{\text{lr}:0.007,\text{b1}:0,\text{b2}:0.999\}\}$
last f:18.662541276354517,gen_err:17.82228184858086 last f:18.663865809222788,gen_err:17.821827634173722 last f:18.66855976774189,gen_err:17.823453468646193



$\{\text{Adamax}\{\text{lr}:0.007,\text{b1}:0.3,\text{b2}:0.8\}\}$ $\{\text{Adamax}\{\text{lr}:0.007,\text{b1}:0.3,\text{b2}:0.9\}\}$ $\{\text{Adamax}\{\text{lr}:0.007,\text{b1}:0.3,\text{b2}:0.999\}\}$
last f:18.691882478094108,gen_err:17.855284954480503 last f:18.693884675966537,gen_err:17.85346884710328 last f:18.69879564664435,gen_err:17.853926176851093

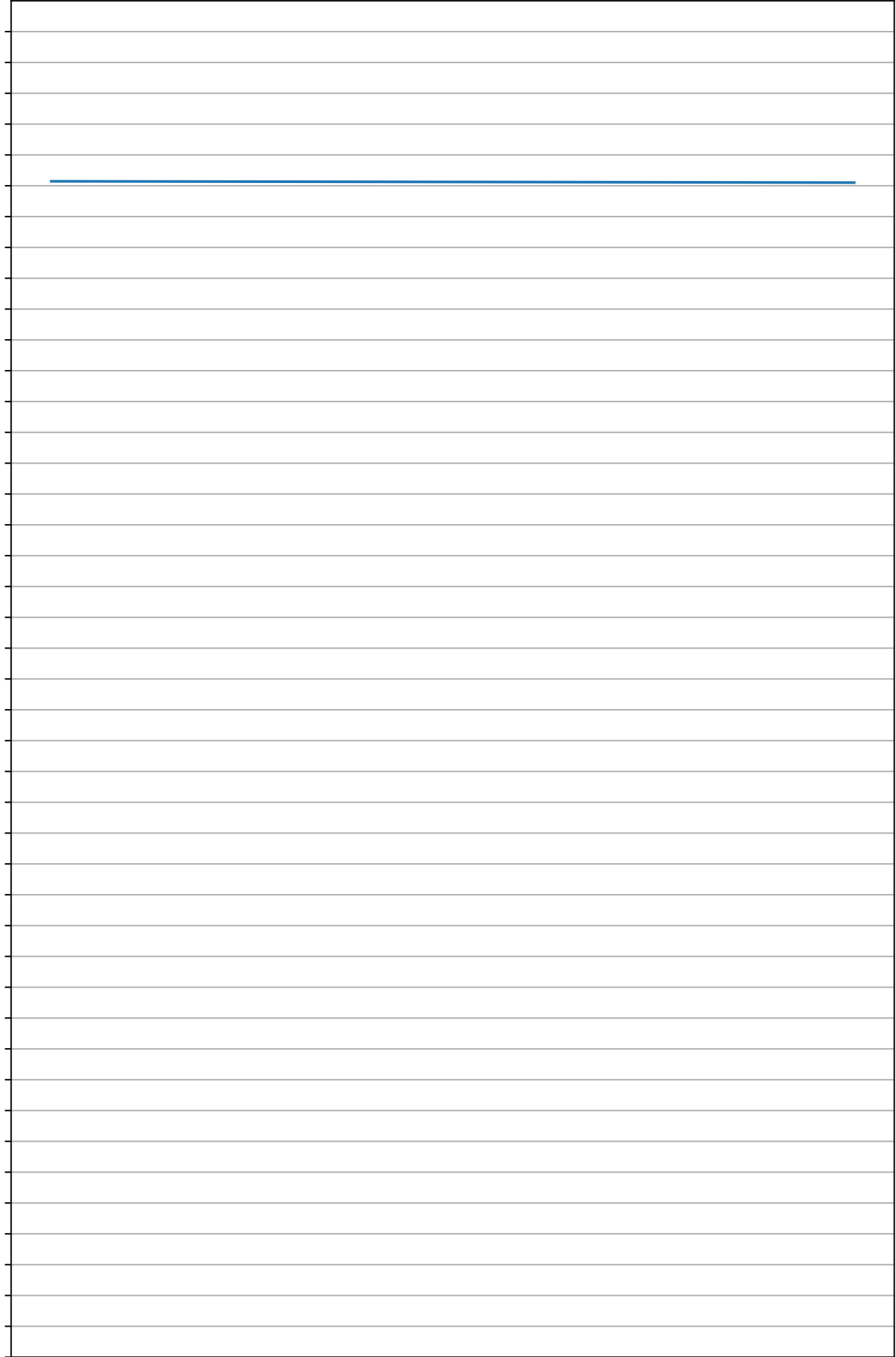
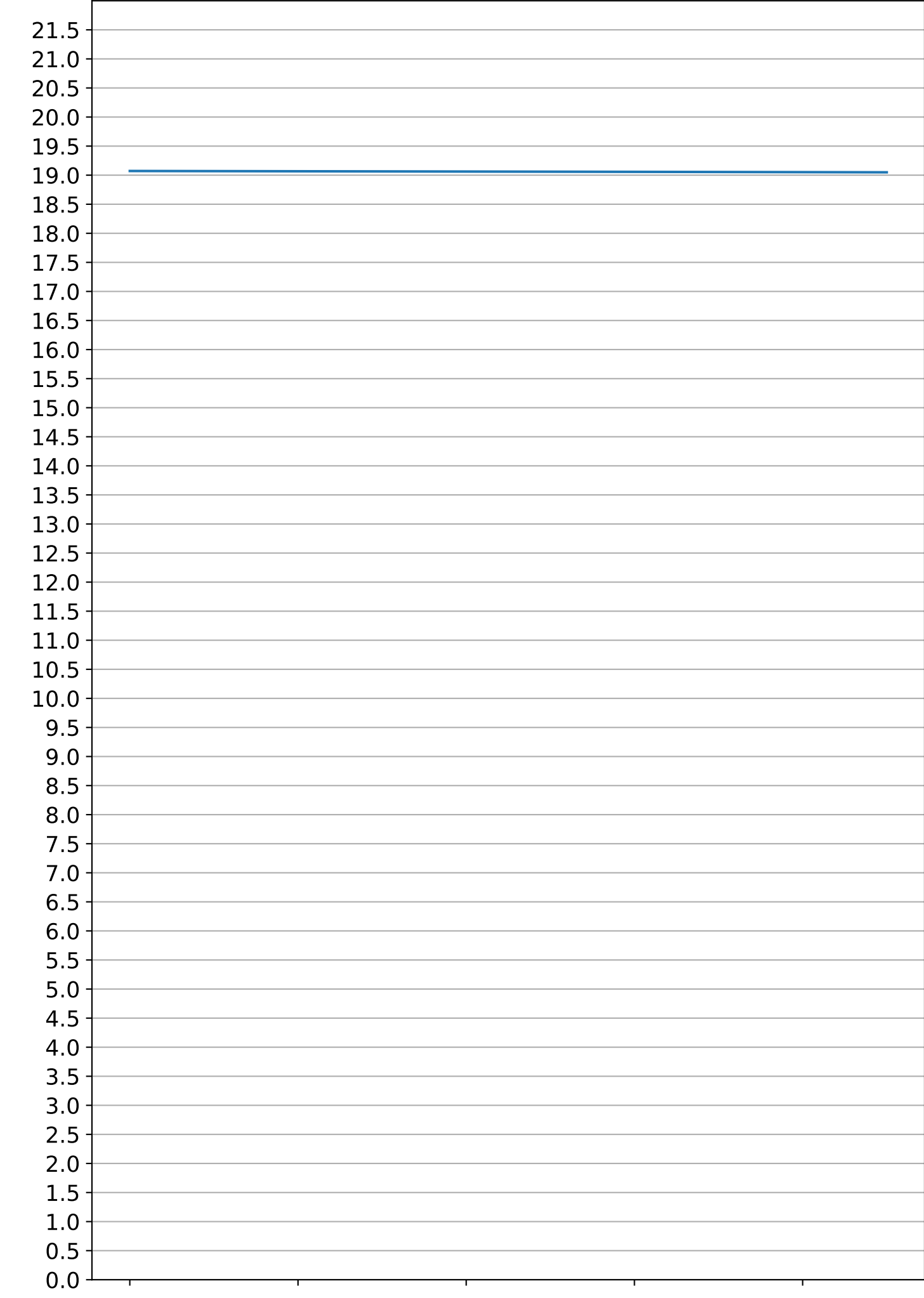




{Adamax{lr:0.0007,b1:0,b2:0.8}} last f:19.04899974676998,gen_err:18.235760026892258

{Adamax{lr:0.0007,b1:0,b2:0.9}} last f:19.050649481974318,gen_err:18.238282093329566

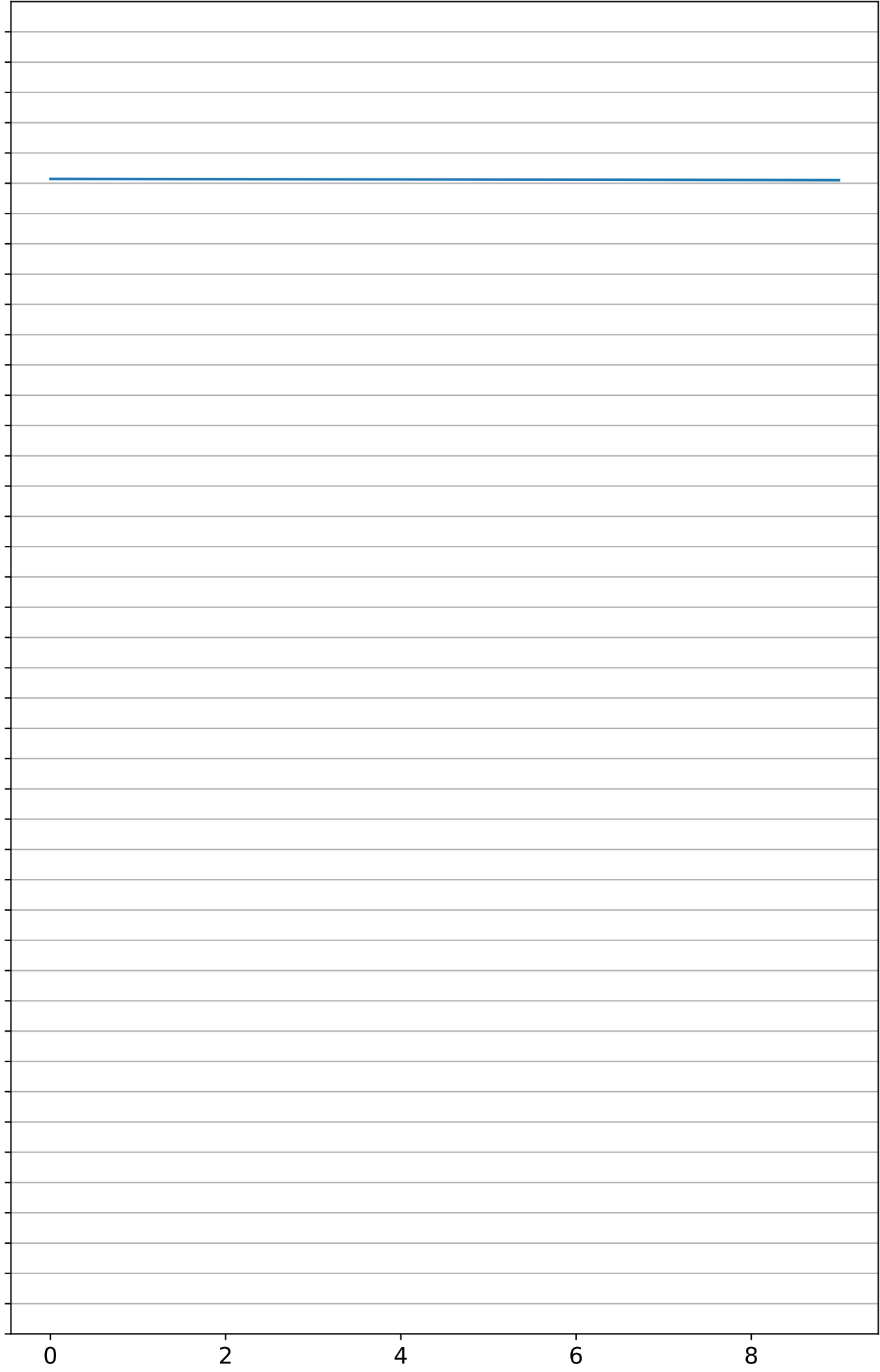
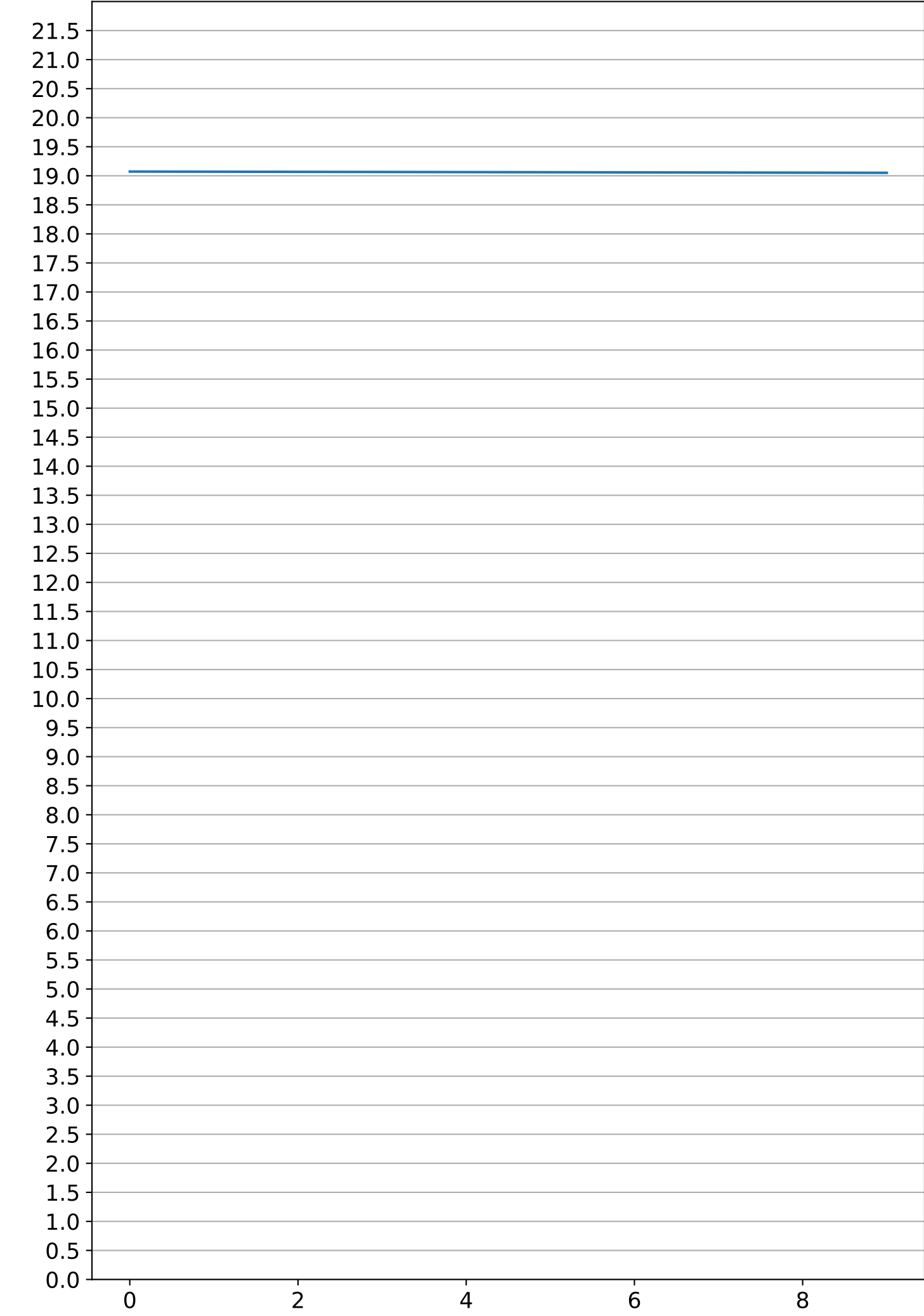
{Adamax{lr:0.0007,b1:0.3,b2:0.8}} last f:19.050953434598455,gen_err:18.238668262188945



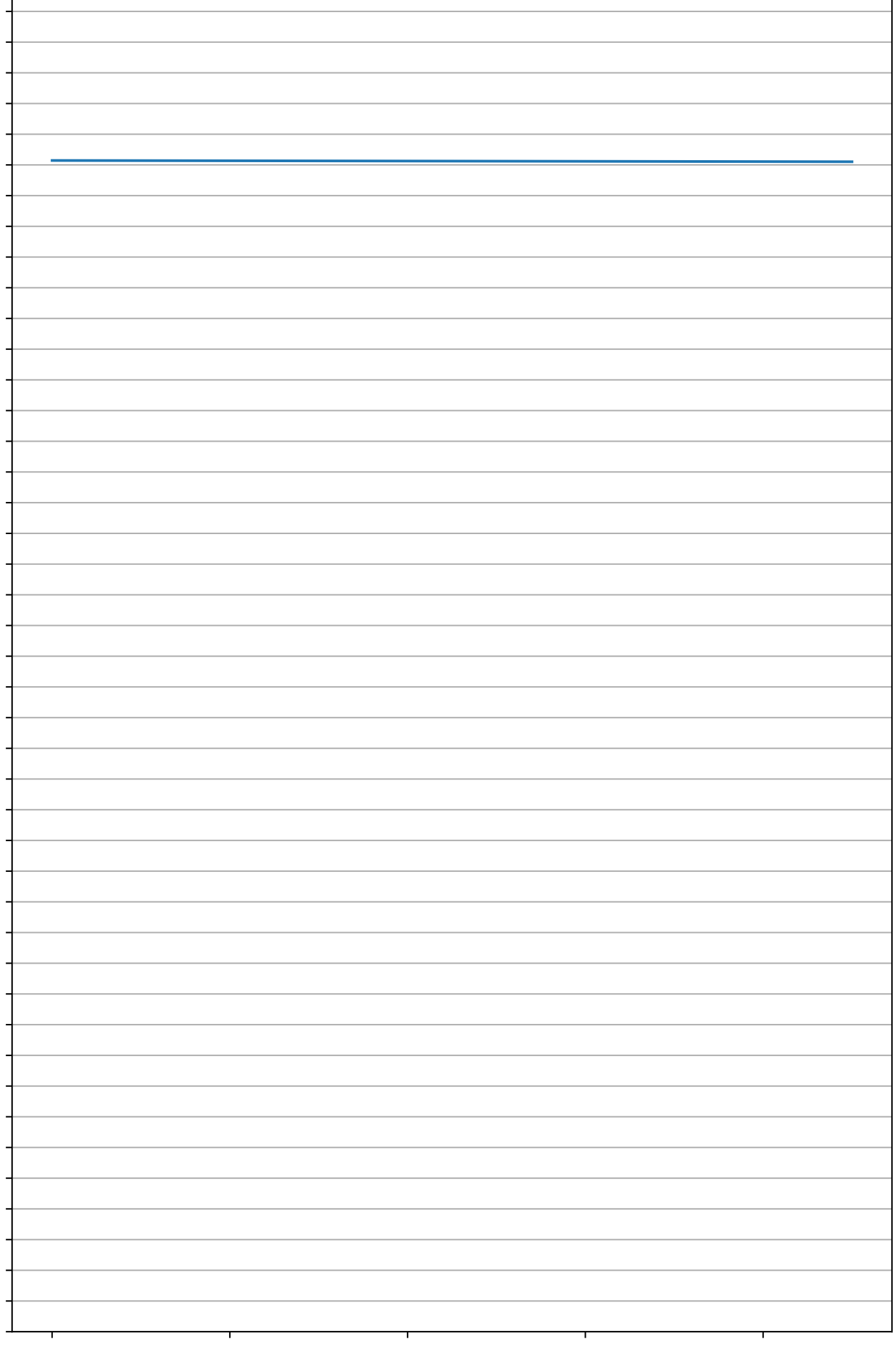
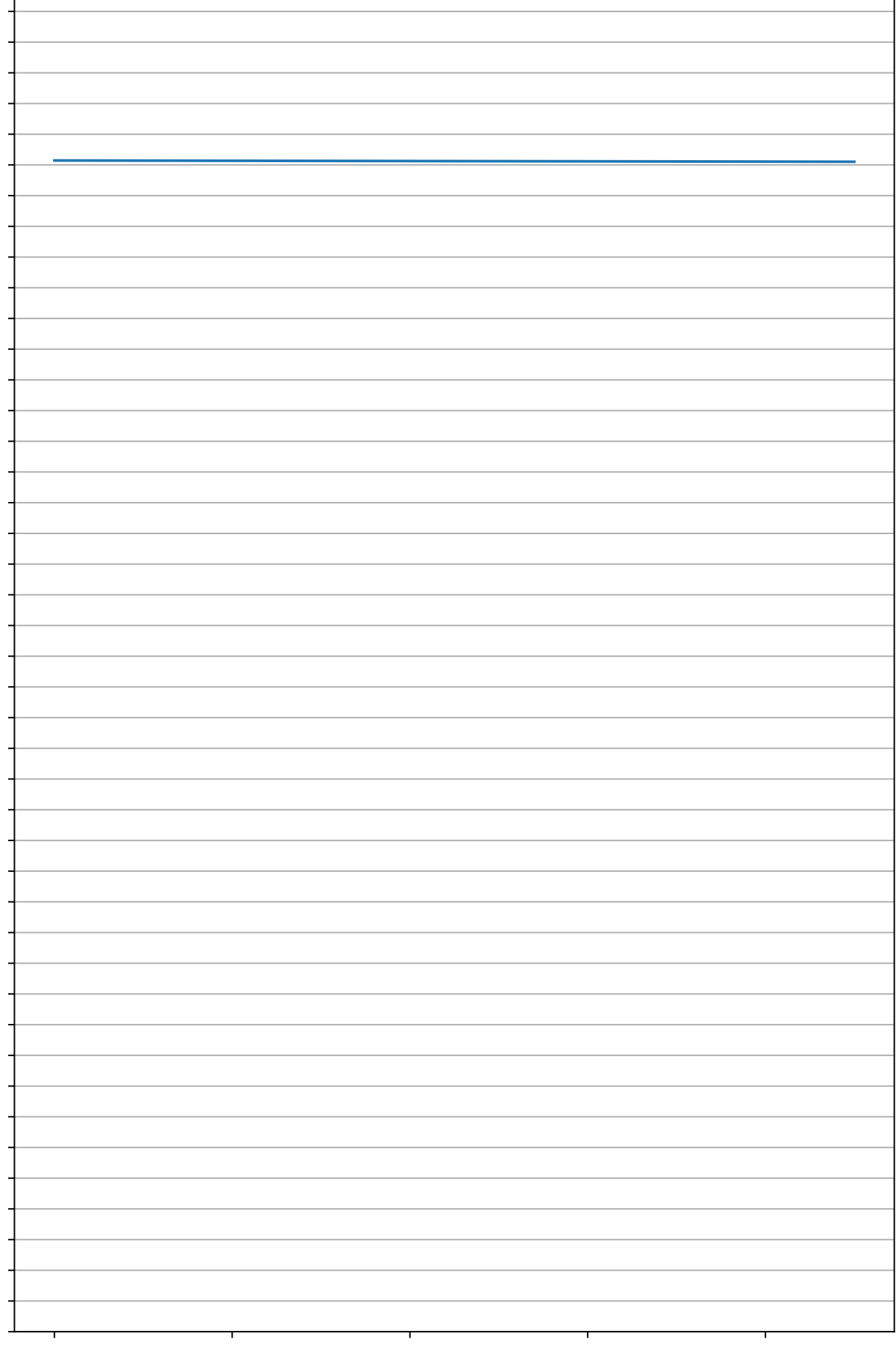
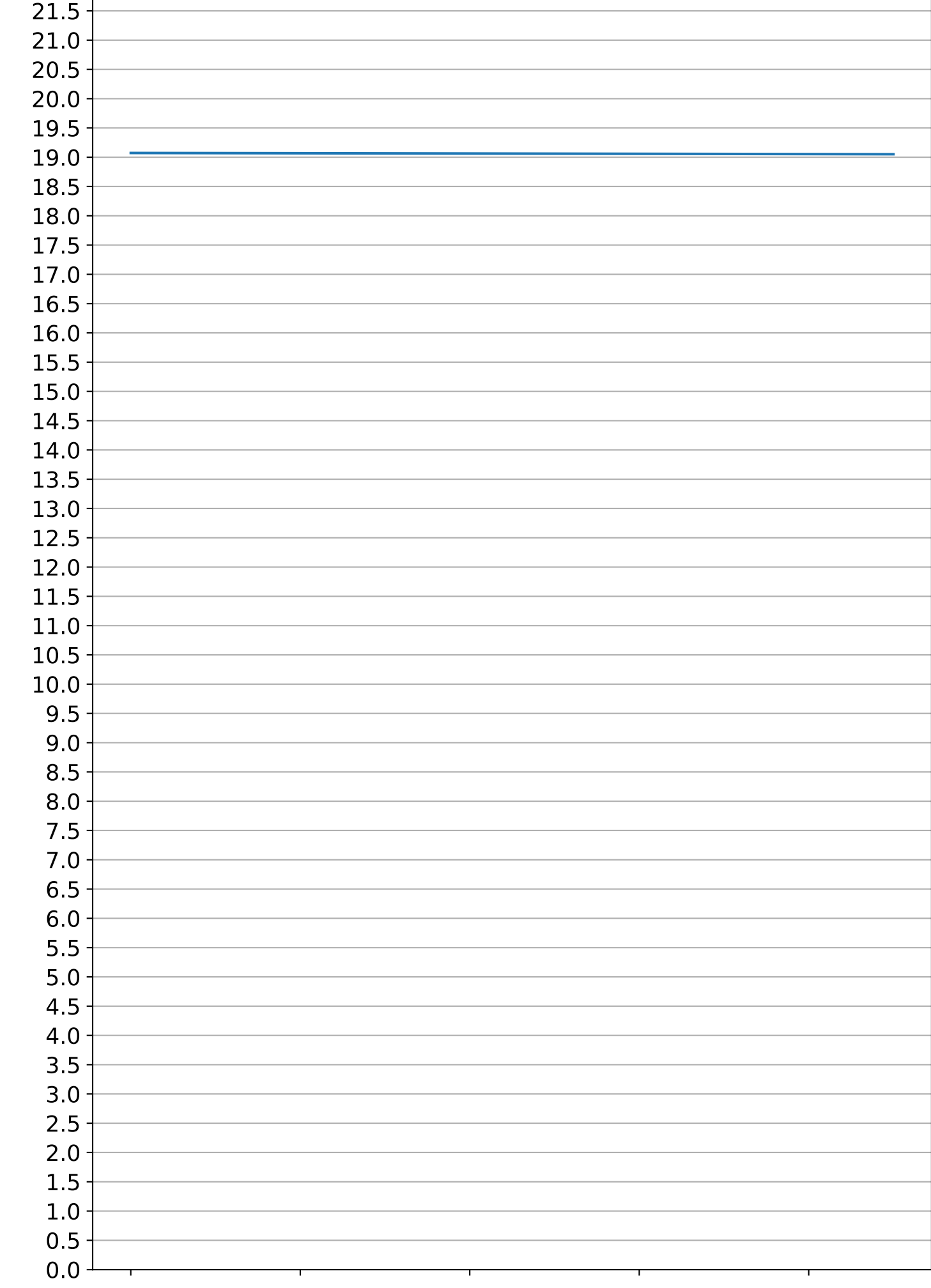
{Adamax{lr:0.0007,b1:0.3,b2:0.9}} last f:19.050975406486753,gen_err:18.238674858898246

{Adamax{lr:0.0007,b1:0,b2:0.999}} last f:19.051061051732233,gen_err:18.238729863820513

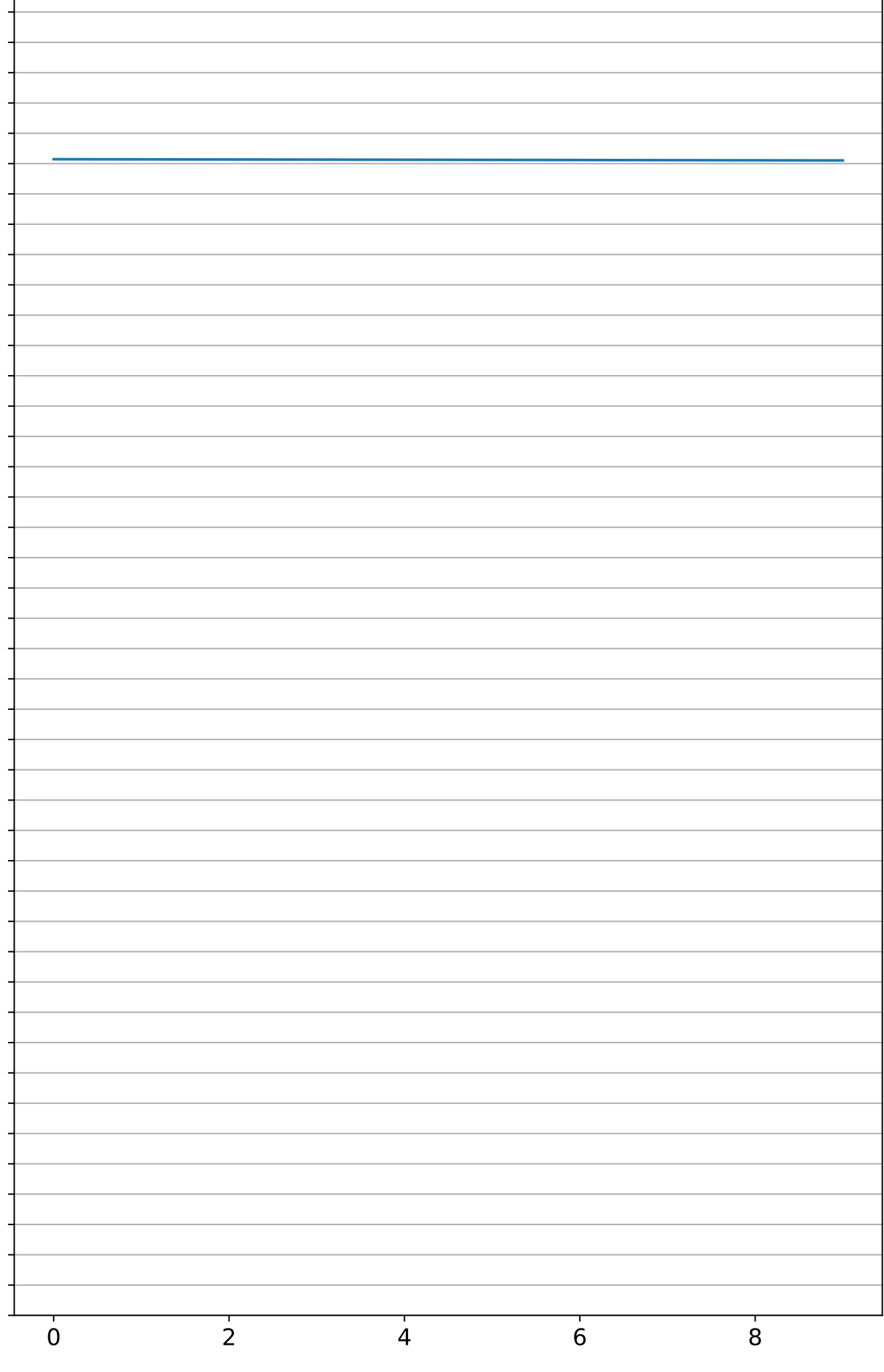
{Adamax{lr:0.0007,b1:0.3,b2:0.999}} last f:19.05139669315887,gen_err:18.239122865043264



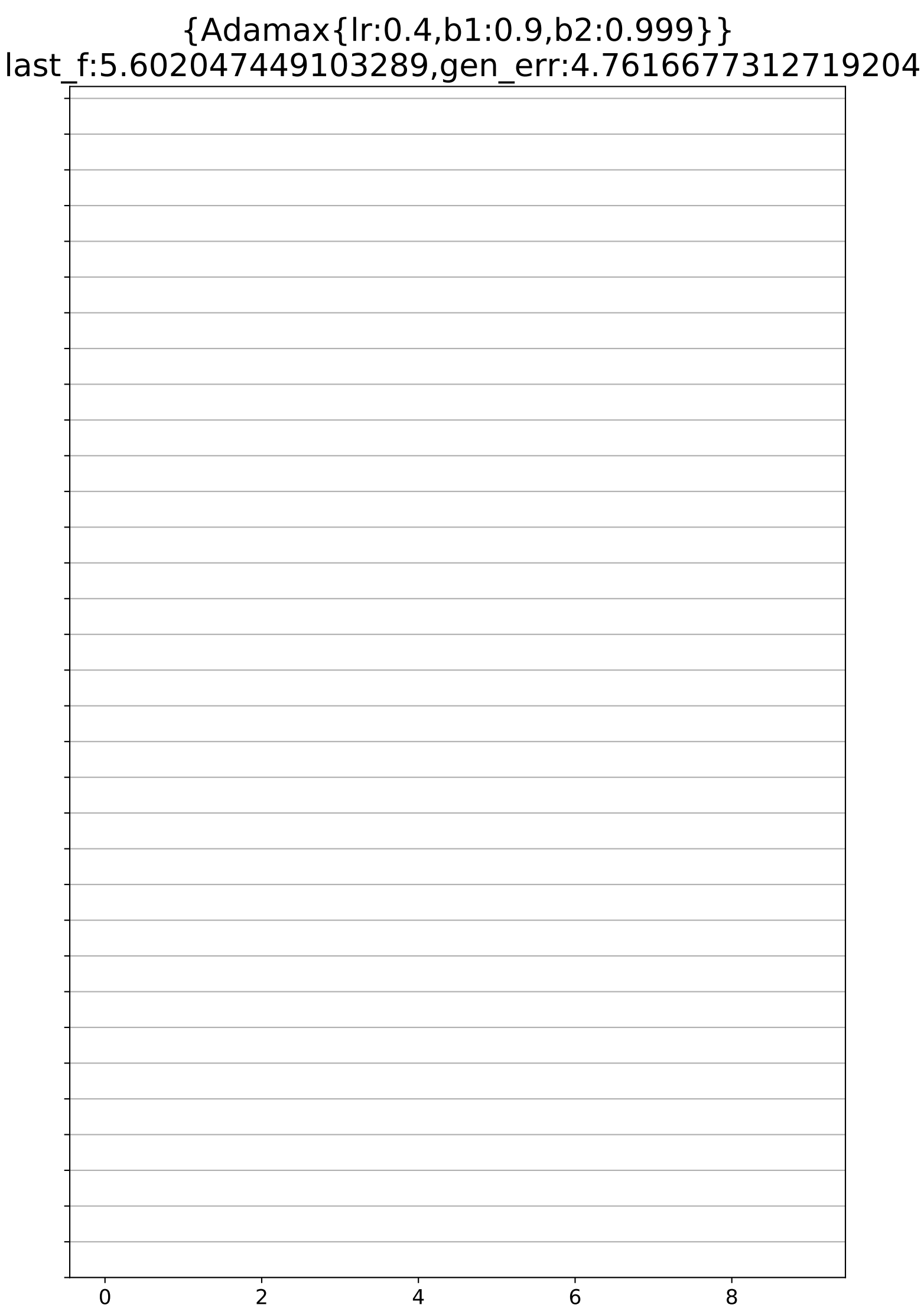
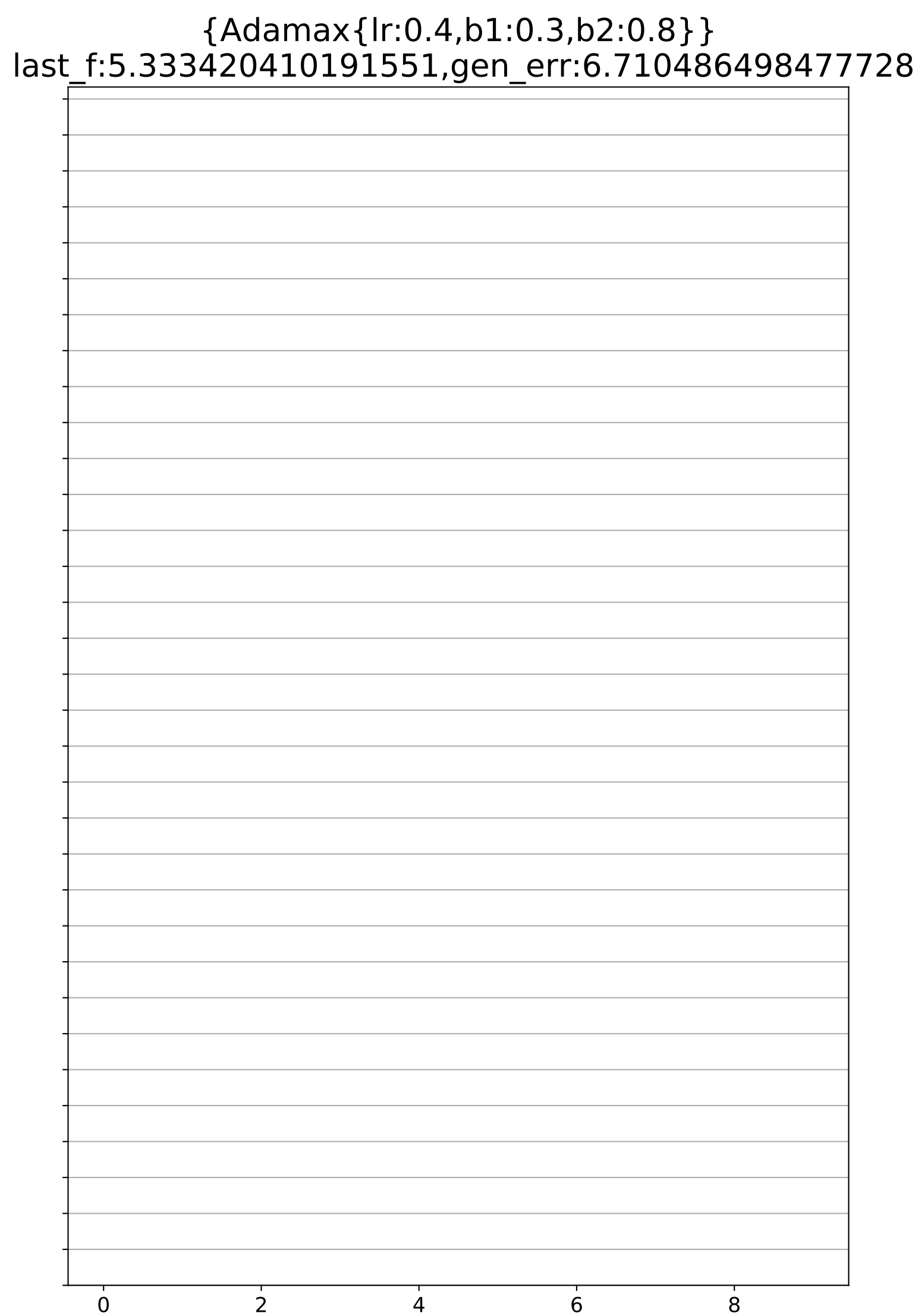
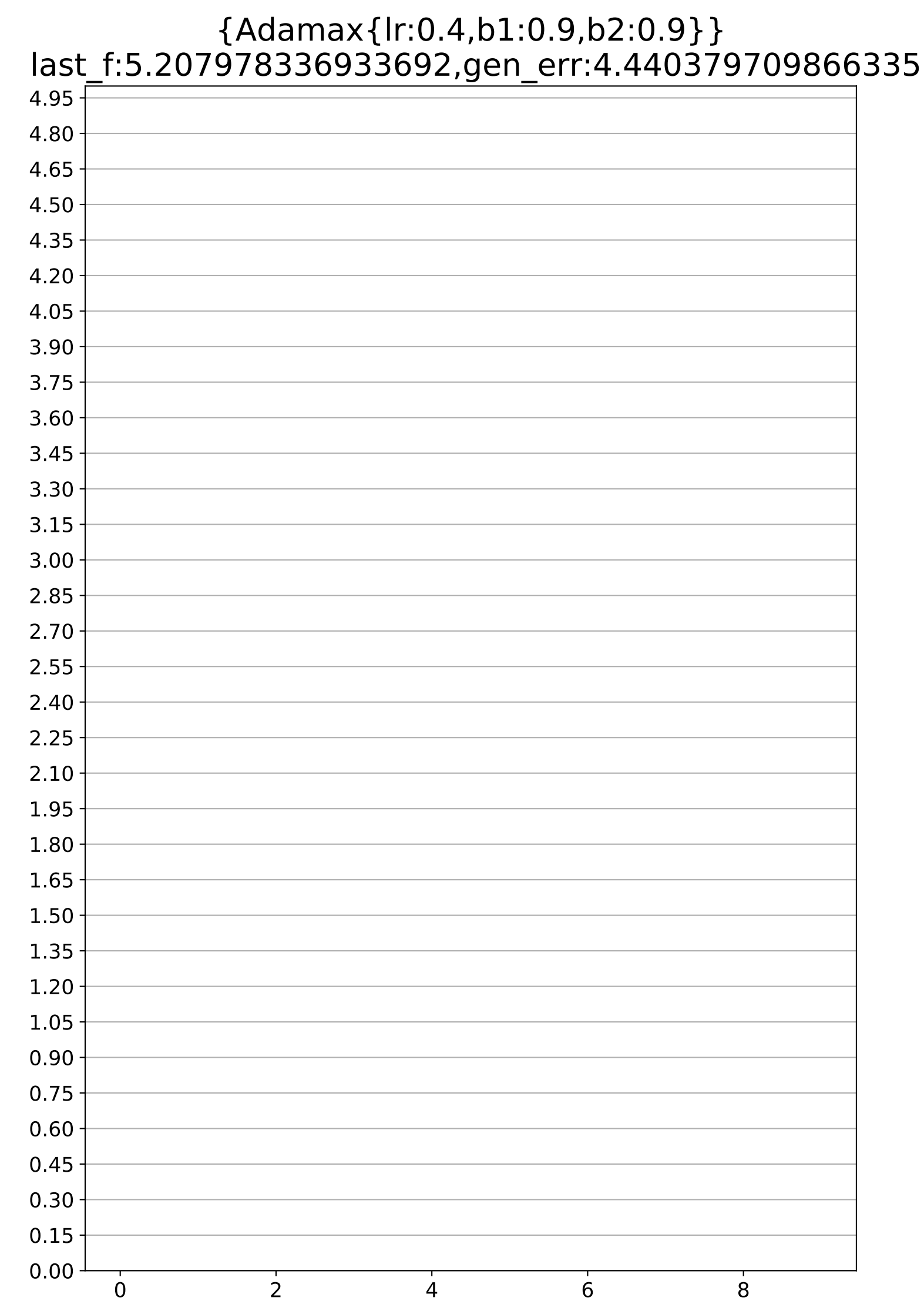
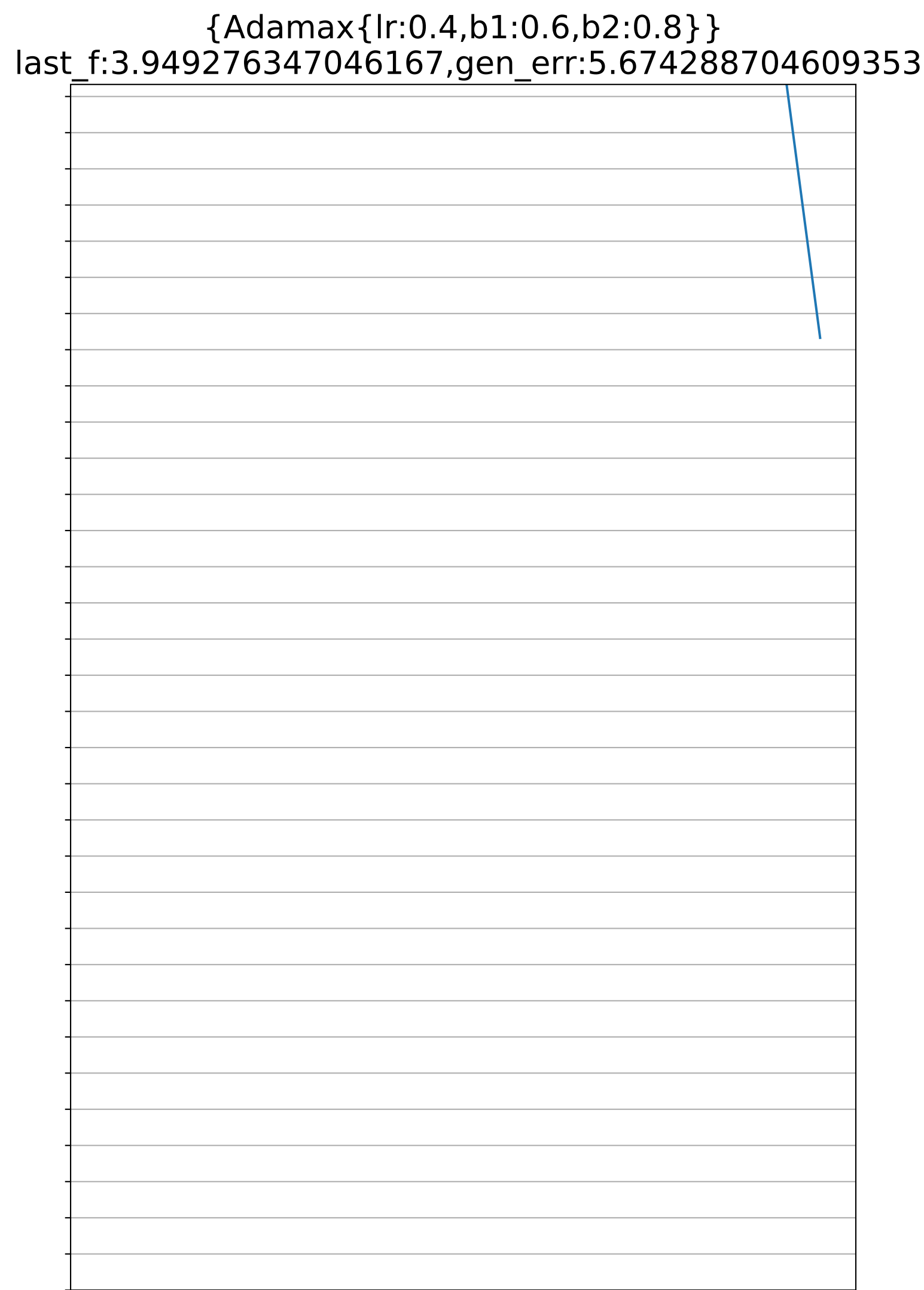
$\{\text{Adamax}\{\text{lr}:0.0007,\text{b1}:0.6,\text{b2}:0.8\}\}$ $\{\text{Adamax}\{\text{lr}:0.0007,\text{b1}:0.6,\text{b2}:0.9\}\}$ $\{\text{Adamax}\{\text{lr}:0.0007,\text{b1}:0.6,\text{b2}:0.999\}\}$
last f:19.051404573993867,gen_err:18.23923710363968 last f:19.051406547715658,gen_err:18.23921384483183 last f:19.051843605951817,gen_err:18.239672315194696



$\{\text{Adamax}\{\text{lr}:0.0007,\text{b1}:0.9,\text{b2}:0.9\}\}$ $\{\text{Adamax}\{\text{lr}:0.0007,\text{b1}:0.9,\text{b2}:0.8\}\}$ $\{\text{Adamax}\{\text{lr}:0.0007,\text{b1}:0.9,\text{b2}:0.999\}\}$
last f:19.051892934453154,gen_err:18.239864502913353 last f:19.051933877051077,gen_err:18.239943432649525 last f:19.052342577233883,gen_err:18.24032969090137

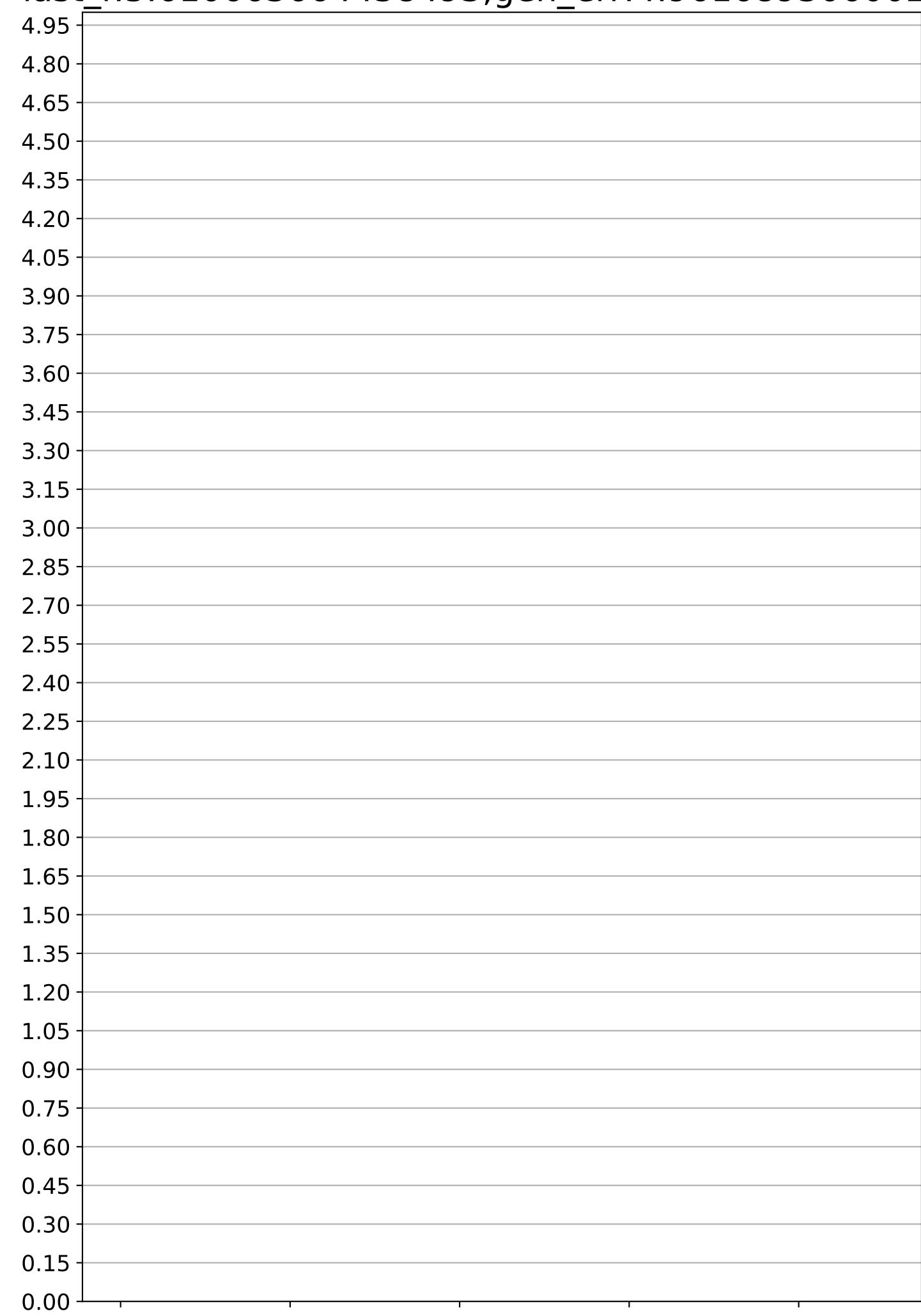


range 0-5



{Adamax{lr:0.4,b1:0.9,b2:0.8}}

last f:5.610663664458493,gen_err:4.961689306002427



{Adamax{lr:0.4,b1:0.3,b2:0.999}}

last f:6.22455925585761,gen_err:3.9396356232598264



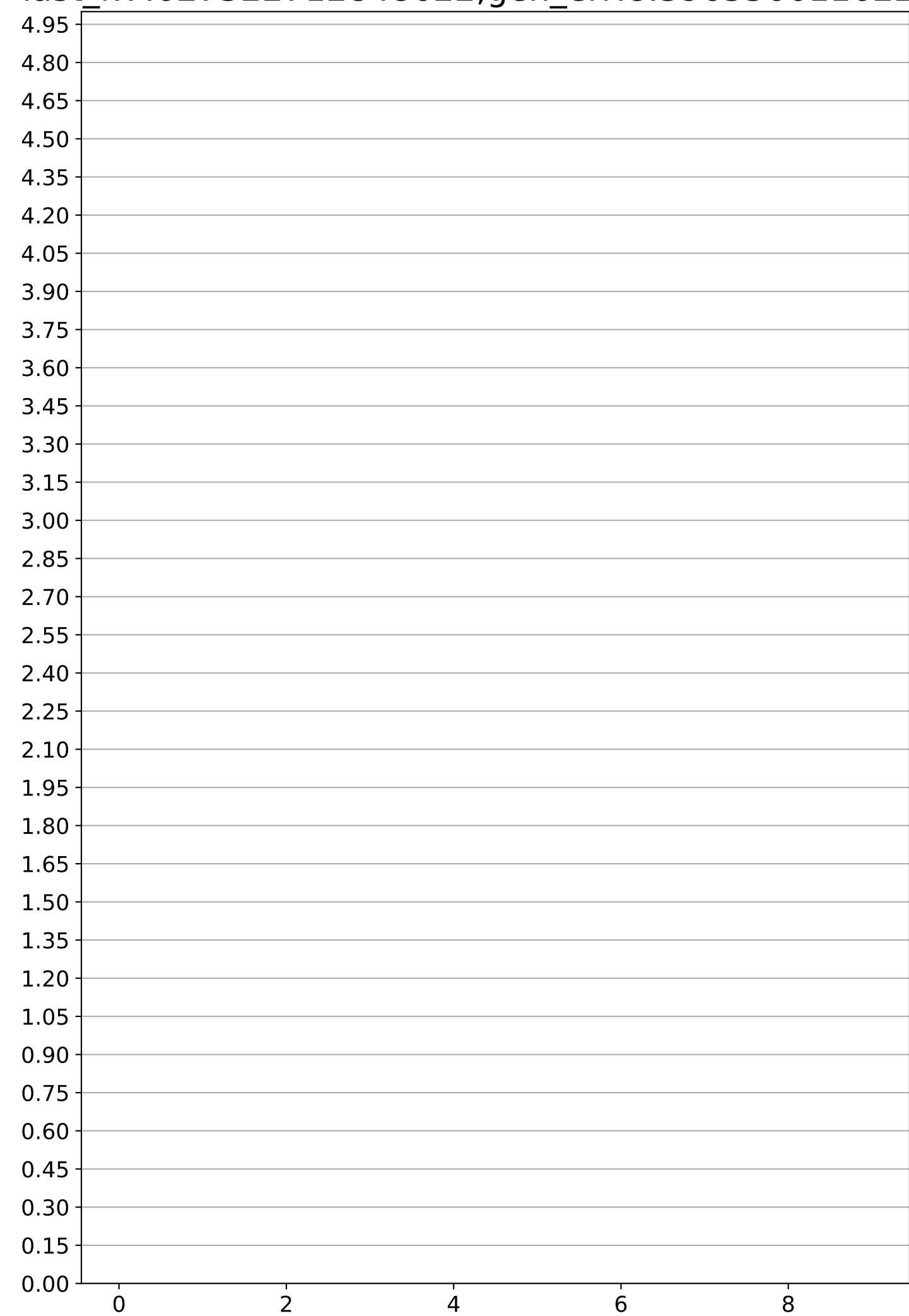
{Adamax{lr:0.4,b1:0.3,b2:0.9}}

last f:7.148902217113249,gen_err:4.483354625703263



{Adamax{lr:0.4,b1:0,b2:0.8}}

last f:7.627522712848622,gen_err:8.396556611622126



{Adamax{lr:0.4,b1:0,b2:0.9}}

last f:8.648406168374507,gen_err:6.445543875001108

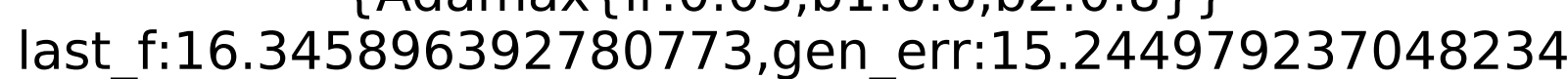


{Adamax{lr:0.4,b1:0,b2:0.999}}

last f:8.961108772404476,gen_err:6.071769745079738



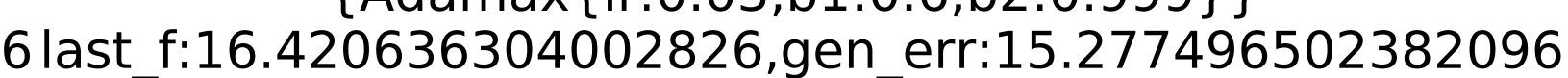

```
last f:16.345896392780773,gen_err:15.244979237048234
```



```
last f:16.36571408233814,gen_err:15.241795499175016la
```



```
6last f:16.420636304002826,gen_err:15.277496502382096
```



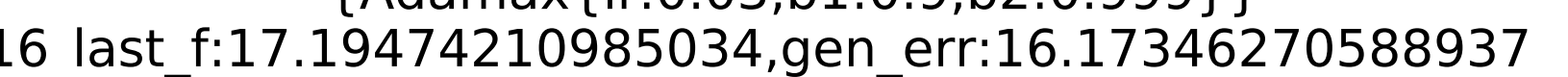
```
last_f:17.12138409822532,gen_err:16.066757671426707|
```



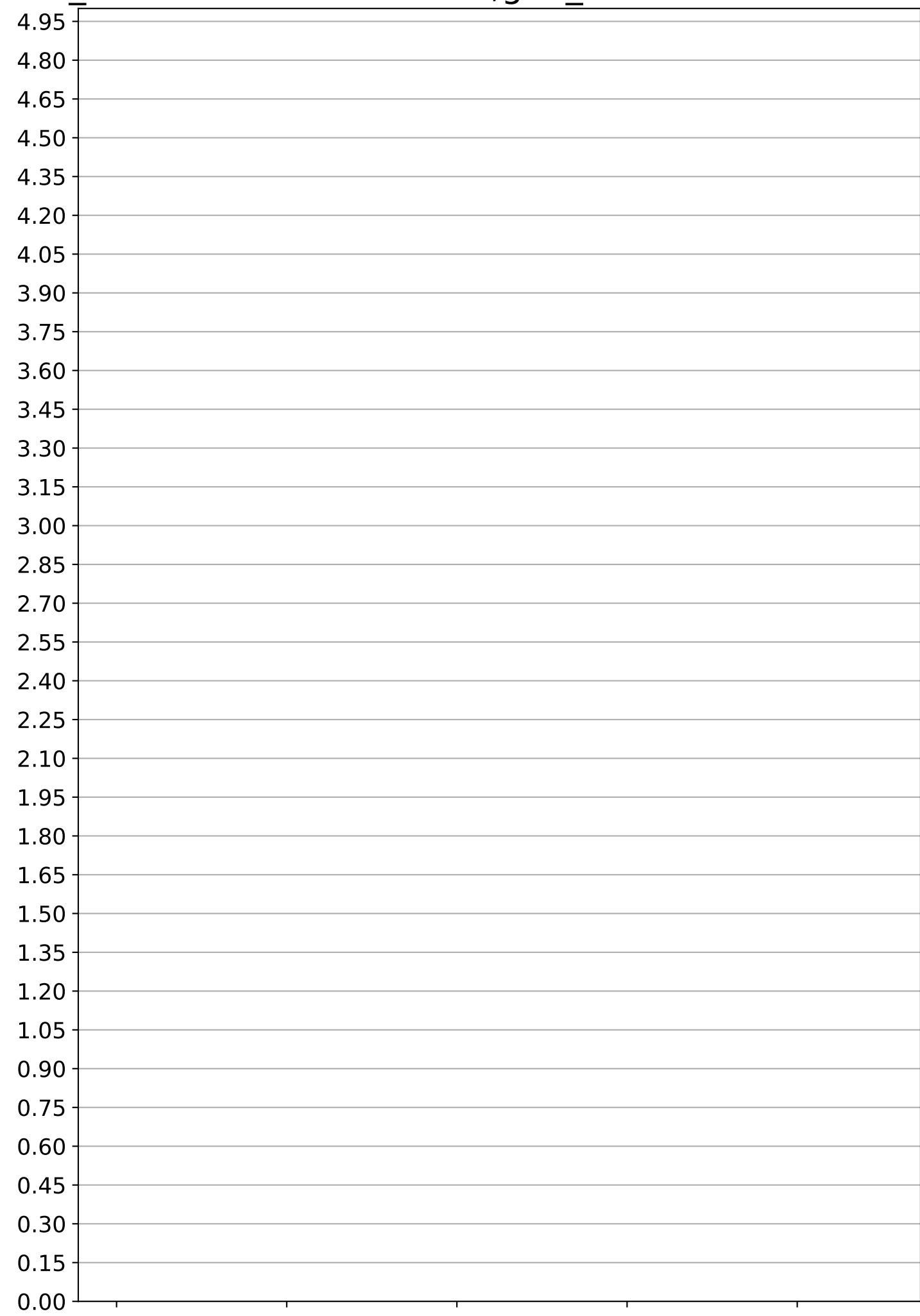
```
last f:17.144541937050946,gen_err:16.112337500514016
```



```
16 last_f:17.19474210985034,gen_err:16.17346270588937
```



last f:18.662541276354517,gen_err:17.82228184858086



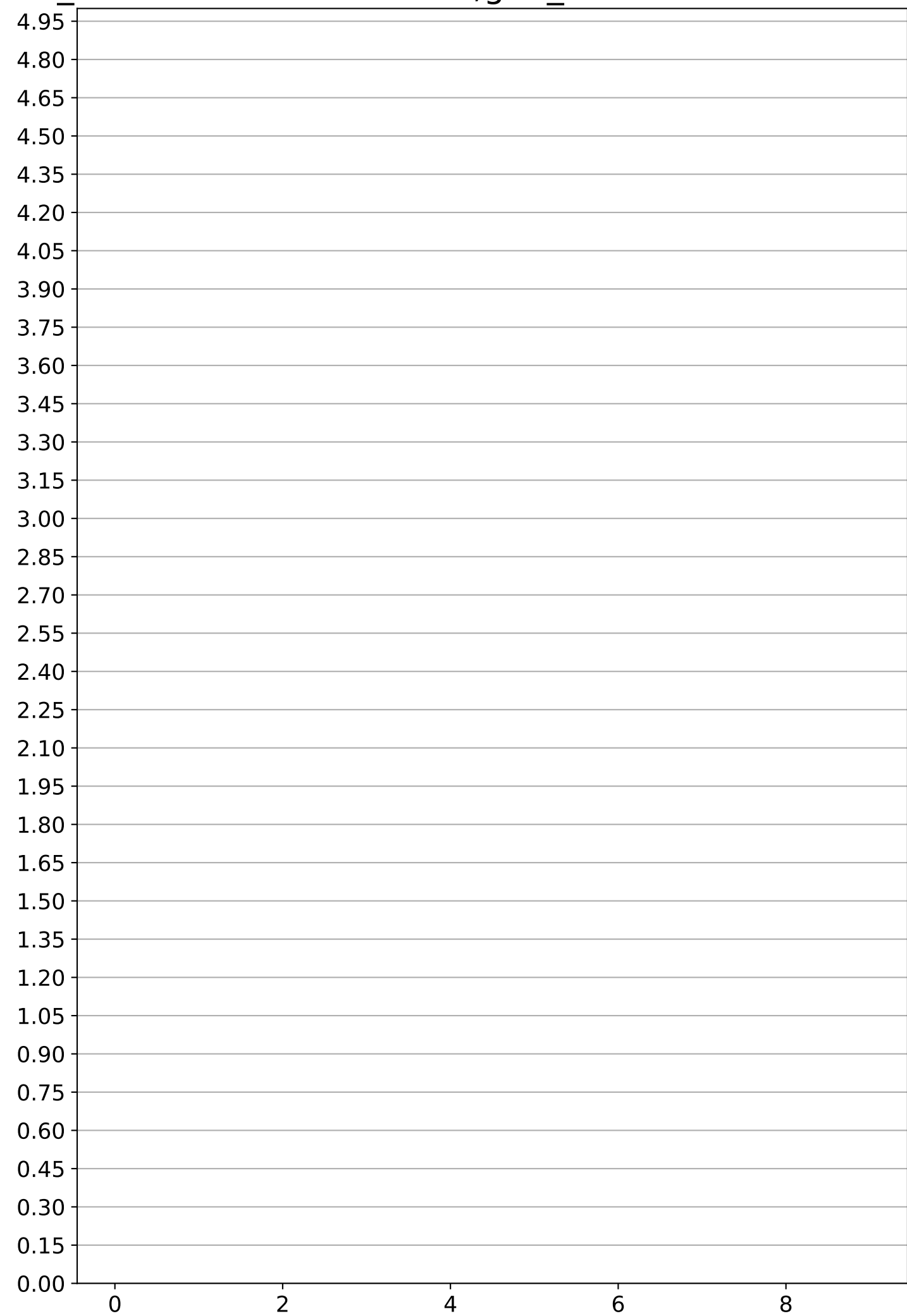
last_f:18.663865809222788,gen_err:17.82182763417372



last_f:18.66855976774189,gen_err:17.823453468646193



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last_f:18.691882478094108,gen_err:17.855284954480503
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blast_f:18.693884675966537,gen_err:17.8534688471032

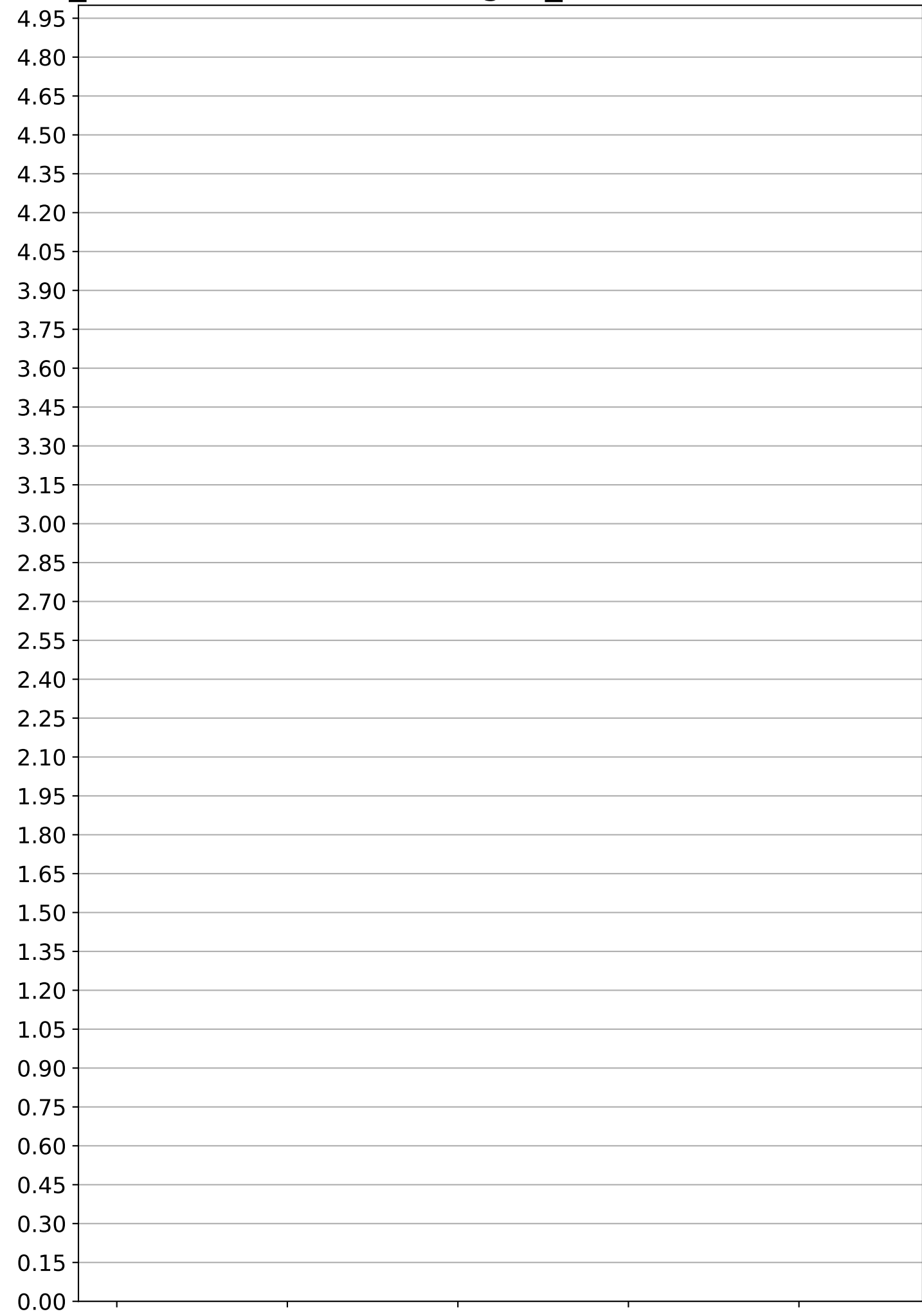


last_f:18.69879564664435,gen_err:17.853926176851093



{Adamax{lr:0.0007,b1:0,b2:0.8}}

last f:19.04899974676998,gen_err:18.235760026892258



{Adamax{lr:0.0007,b1:0,b2:0.9}}

last f:19.050649481974318,gen_err:18.238282093329566



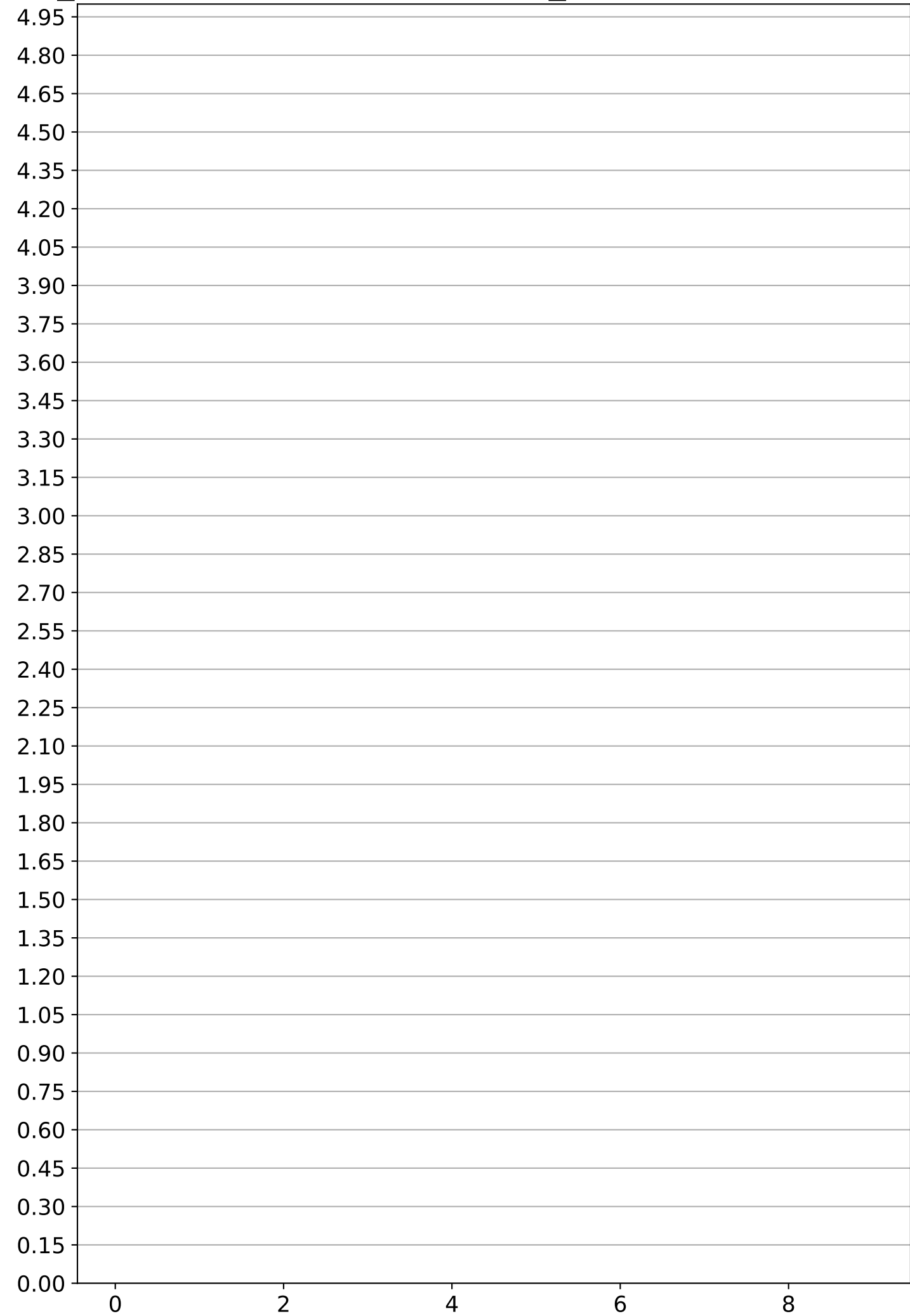
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last f:19.050953434598455,gen_err:18.238668262188945



{Adamax{lr:0.0007,b1:0.3,b2:0.9}}

last f:19.050975406486753,gen_err:18.238674858898246



{Adamax{lr:0.0007,b1:0,b2:0.999}}

last f:19.051061051732233,gen_err:18.238729863820513



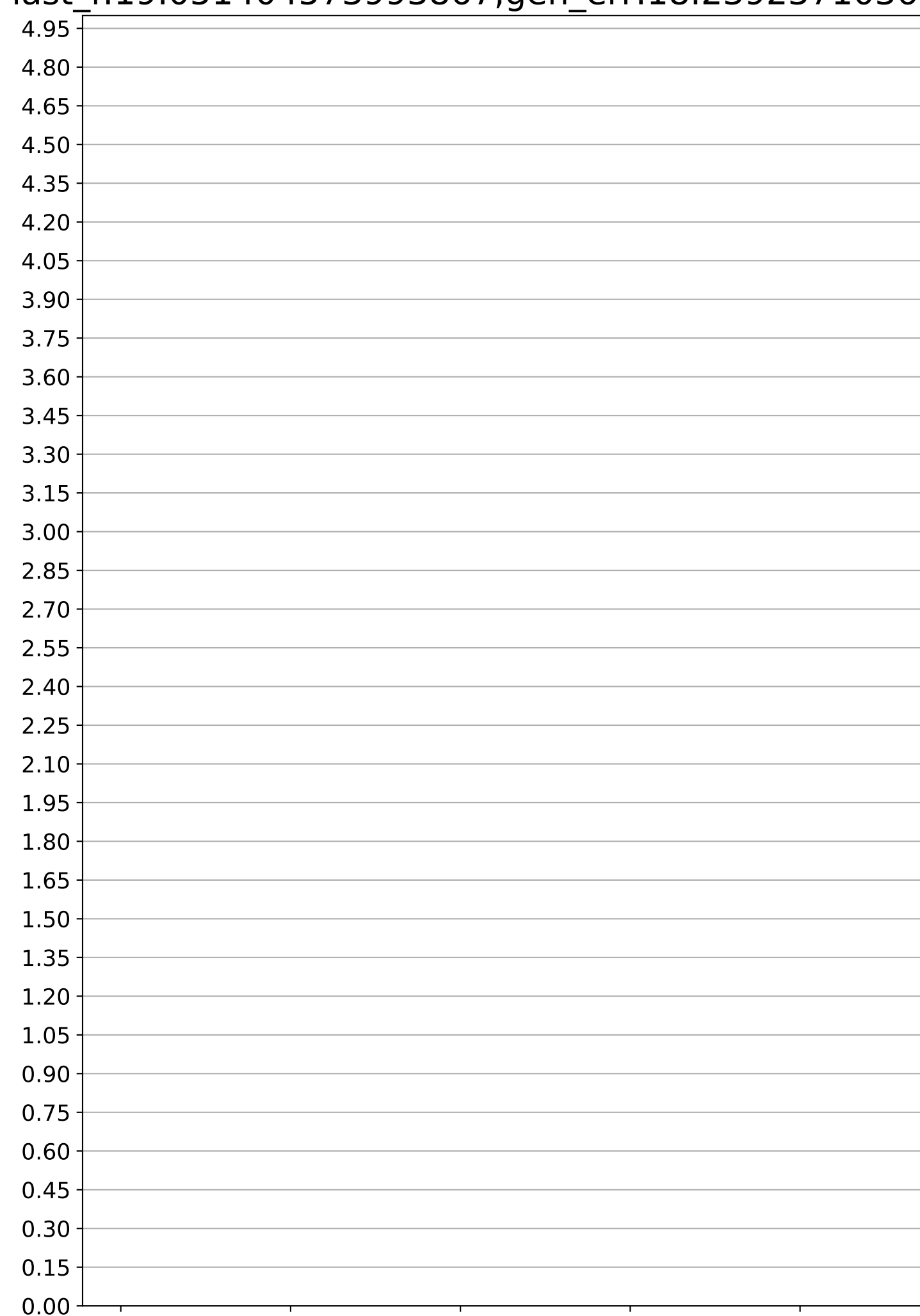
{Adamax{lr:0.0007,b1:0.3,b2:0.999}}

last f:19.05139669315887,gen_err:18.239122865043264



```
{Adamax{lr:0.0007,b1:0.6,b2:0.8}}
```

```
last f:19.051404573993867,gen err:18.23923710363968
```



```
{Adamax{lr:0.0007,b1:0.6,b2:0.9}}
```

```
last f:19.051406547715658,gen err:18.23921384483183
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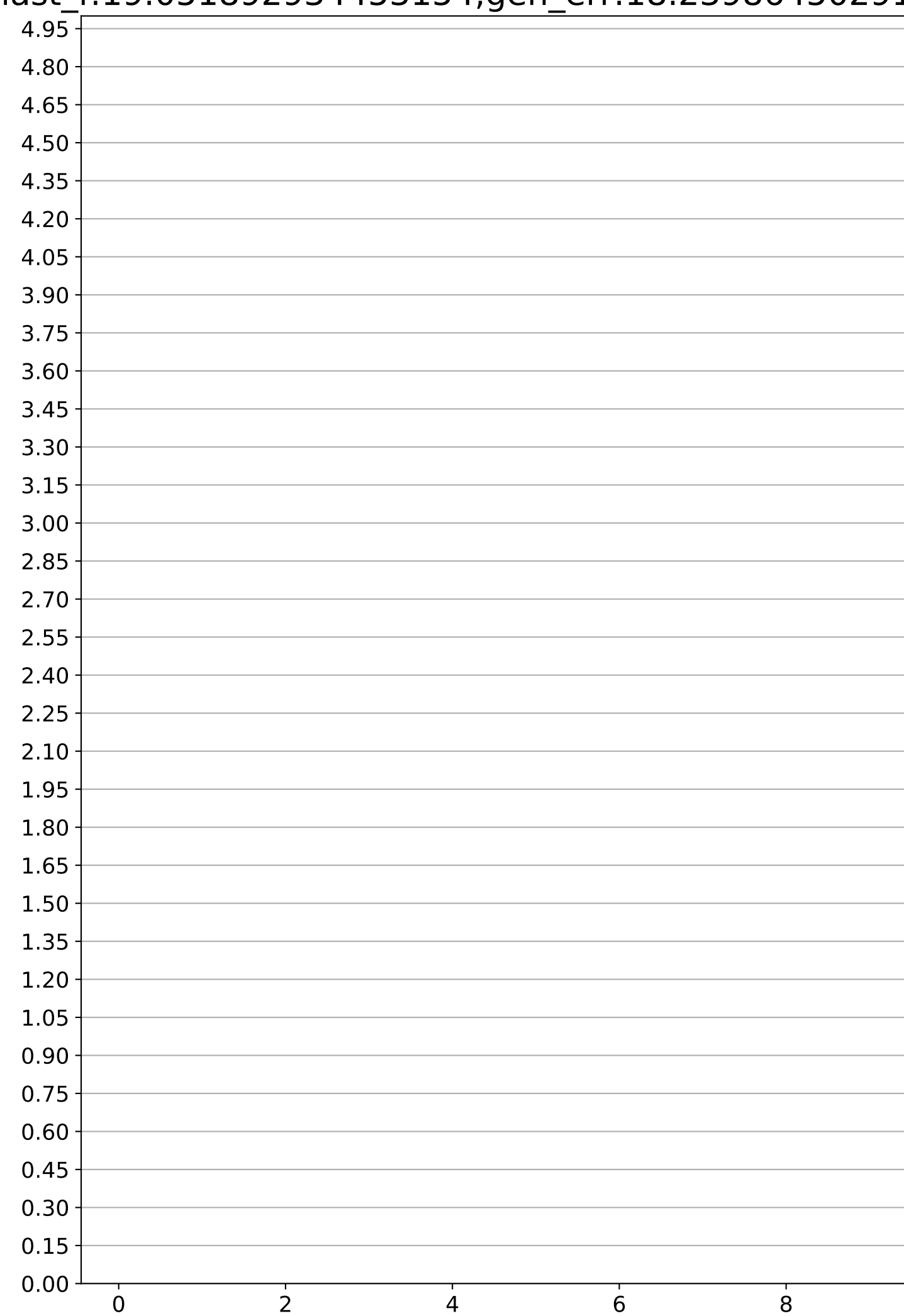
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{Adamax{lr:0.0007,b1:0.6,b2:0.999}}
```

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3 last f:19.051843605951817,gen err:18.239672315194696
```



```
{Adamax{lr:0.0007,b1:0.9,b2:0.9}}
```

```
last f:19.051892934453154,gen err:18.239864502913353
```



```
{Adamax{lr:0.0007,b1:0.9,b2:0.8}}
```

```
last f:19.051933877051077,gen err:18.23994343264952
```



```
{Adamax{lr:0.0007,b1:0.9,b2:0.999}}
```

```
5last f:19.052342577233883,gen err:18.24032969090137
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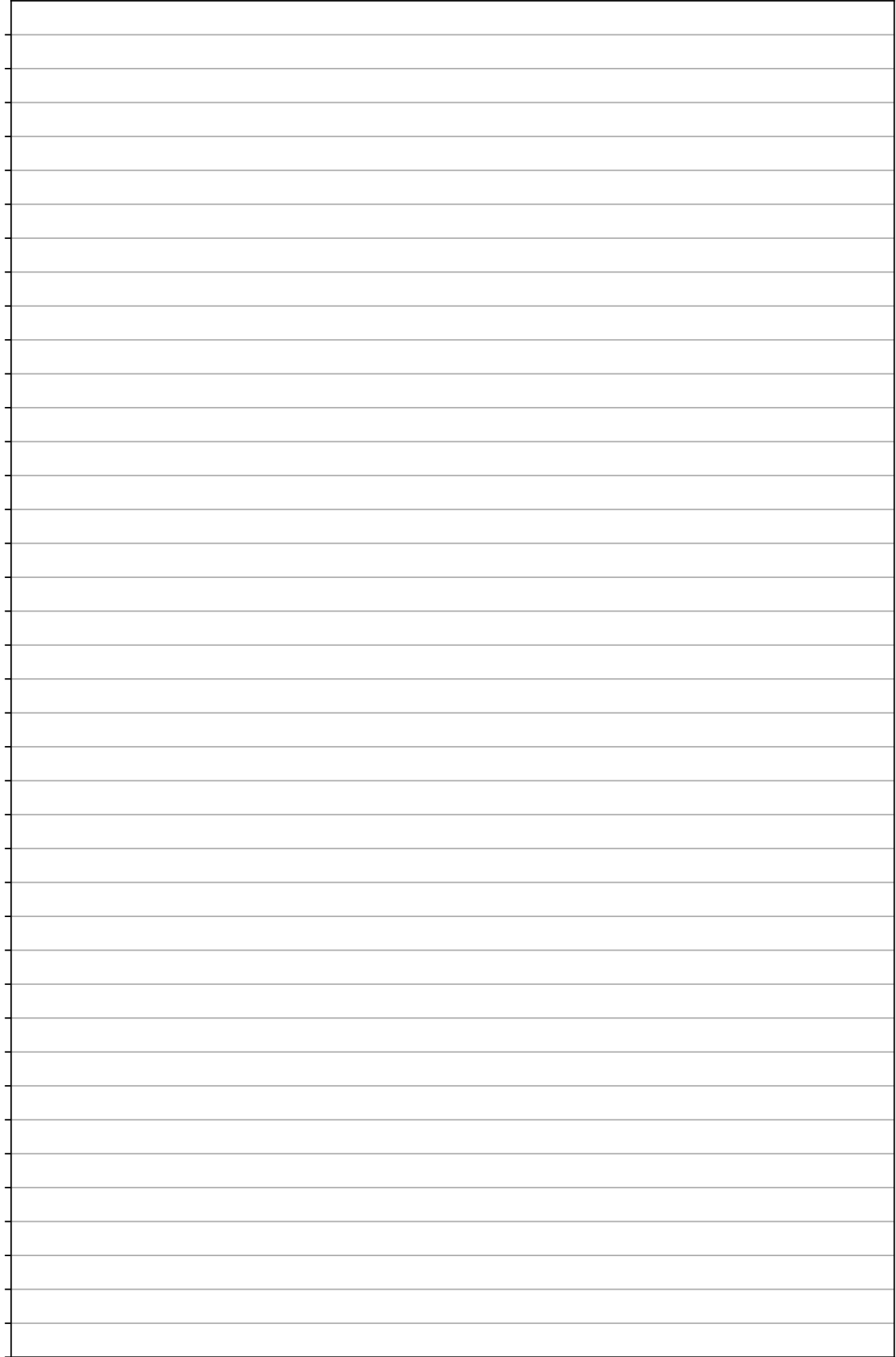
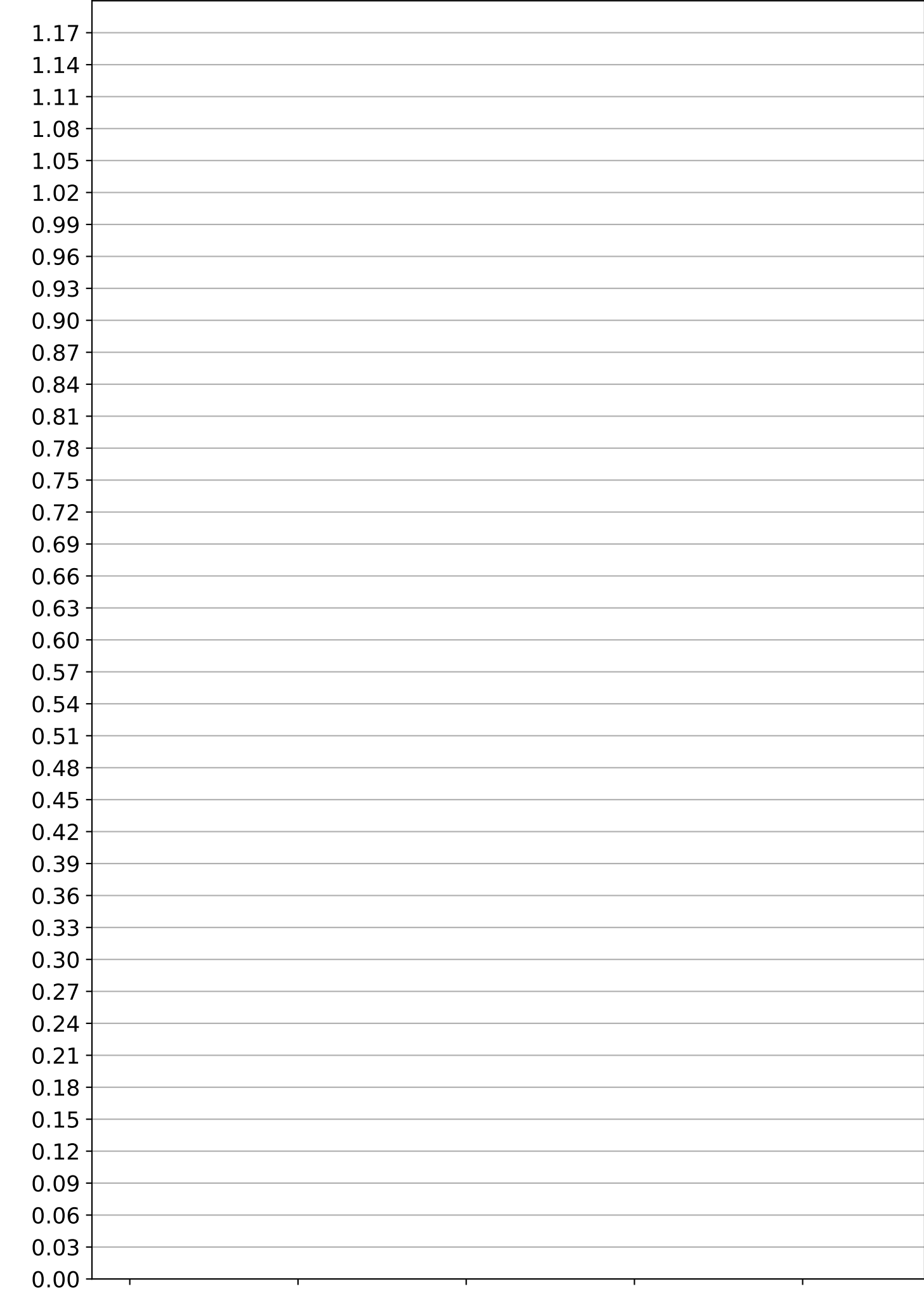


range 0-1.2

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{Adamax{lr:0.4,b1:0.6,b2:0.999}} last f:3.4580901495705016,gen_err:4.334887952139011

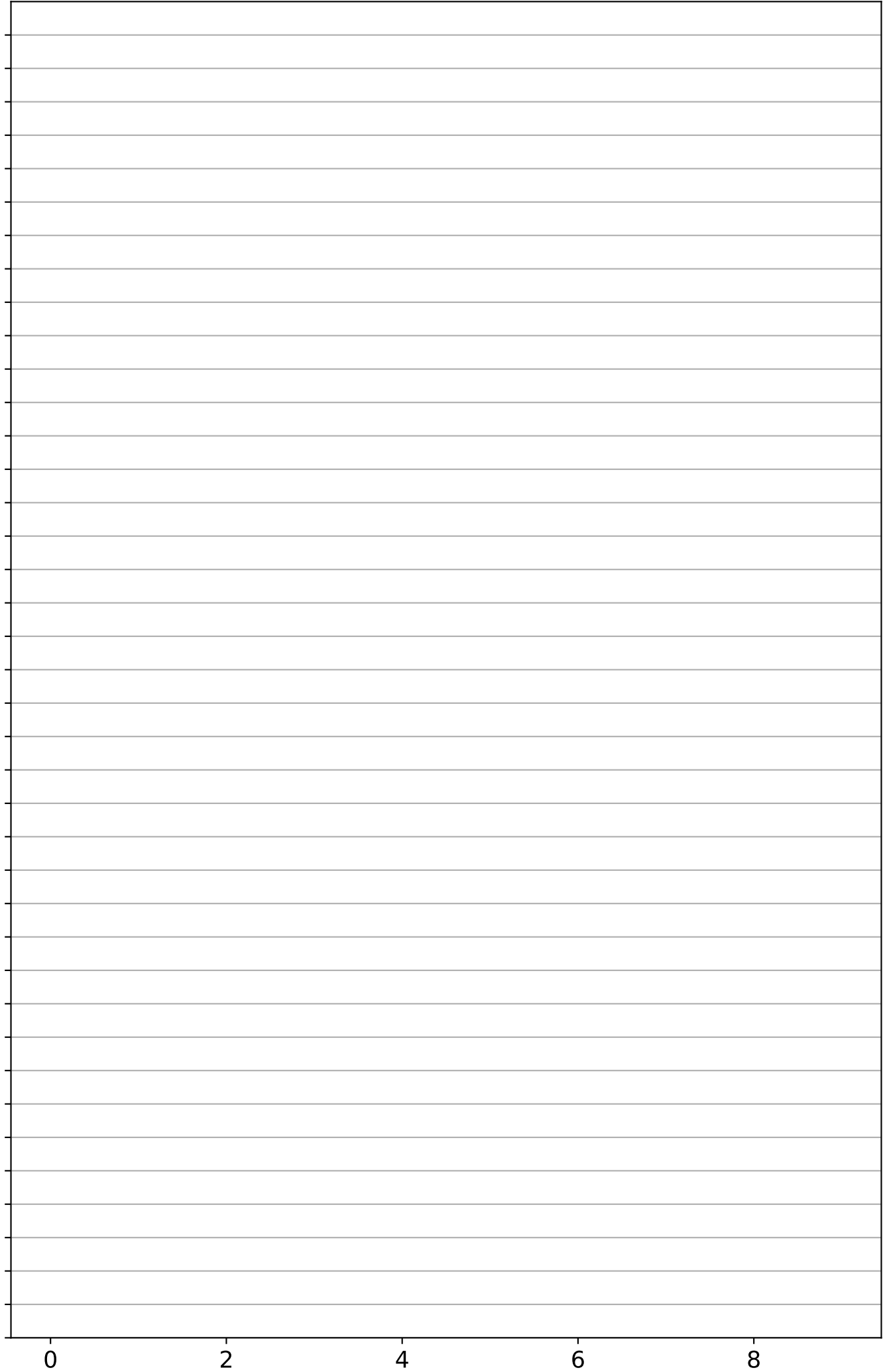
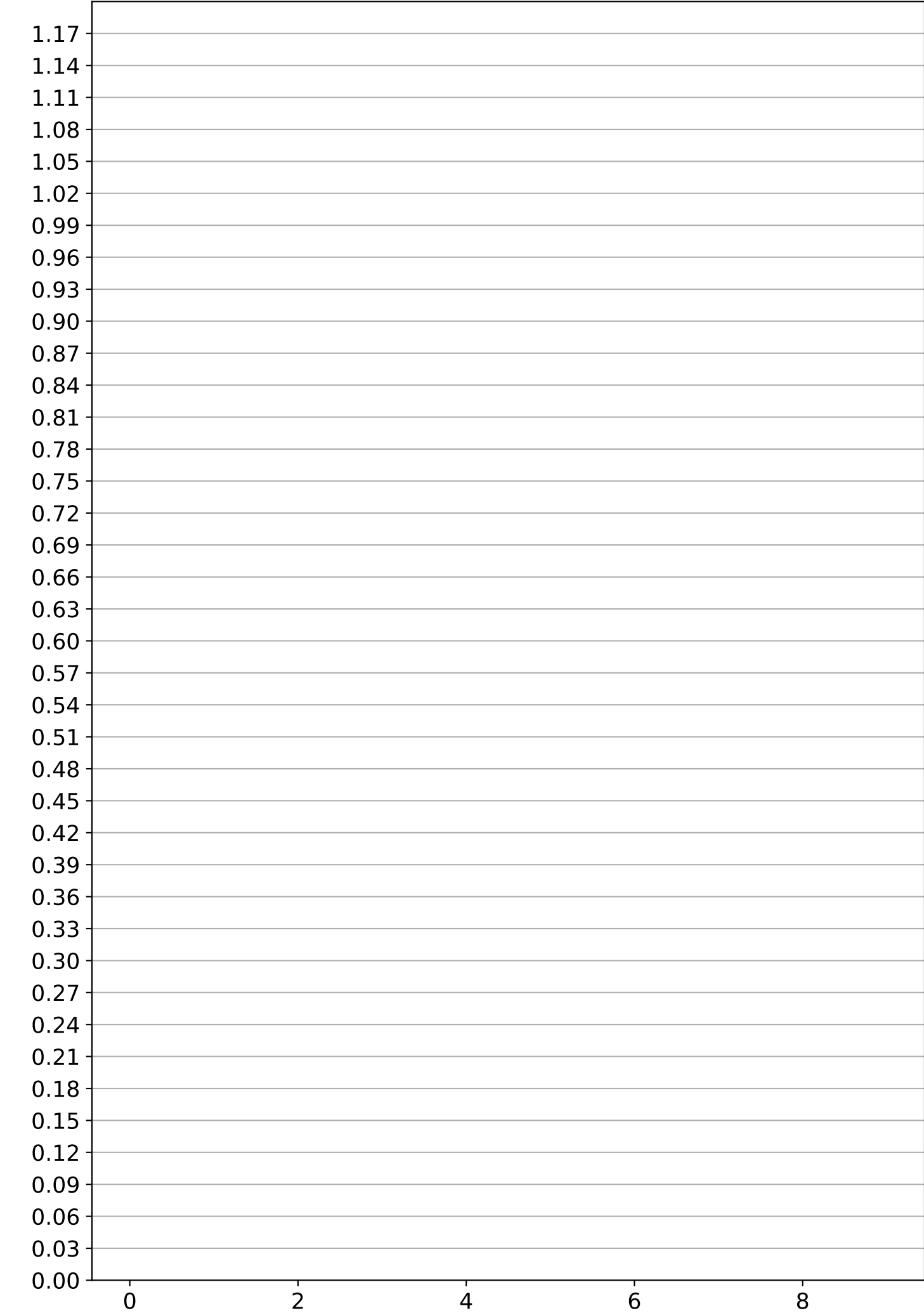
{Adamax{lr:0.4,b1:0.6,b2:0.8}} last f:3.949276347046167,gen_err:5.674288704609353



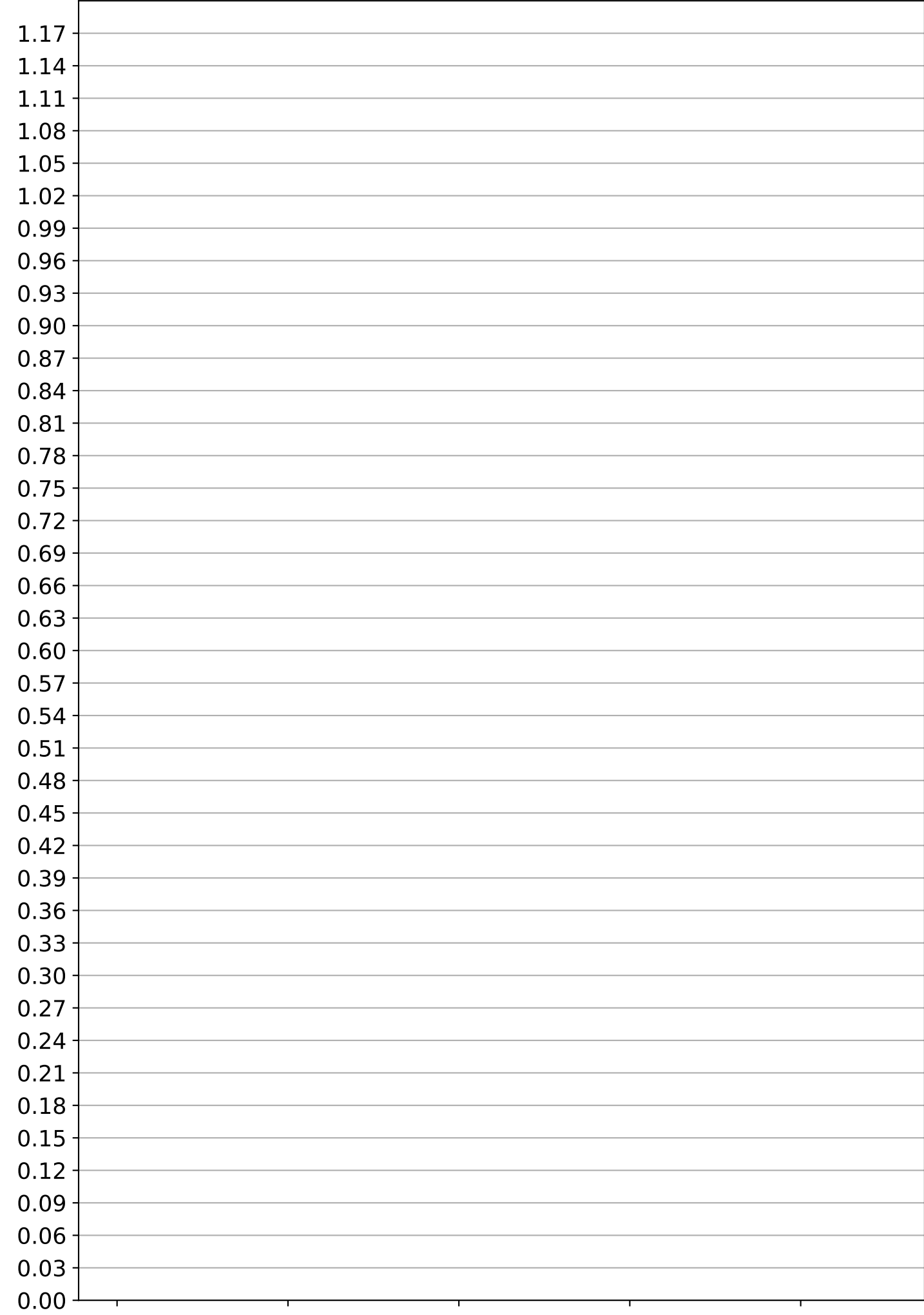
{Adamax{lr:0.4,b1:0.9,b2:0.9}} last f:5.207978336933692,gen_err:4.440379709866335

{Adamax{lr:0.4,b1:0.3,b2:0.8}} last f:5.333420410191551,gen_err:6.710486498477728

{Adamax{lr:0.4,b1:0.9,b2:0.999}} last f:5.602047449103289,gen_err:4.7616677312719204



{Adamax{lr:0.4,b1:0.9,b2:0.8}}
last f:5.610663664458493,gen_err:4.961689306002427



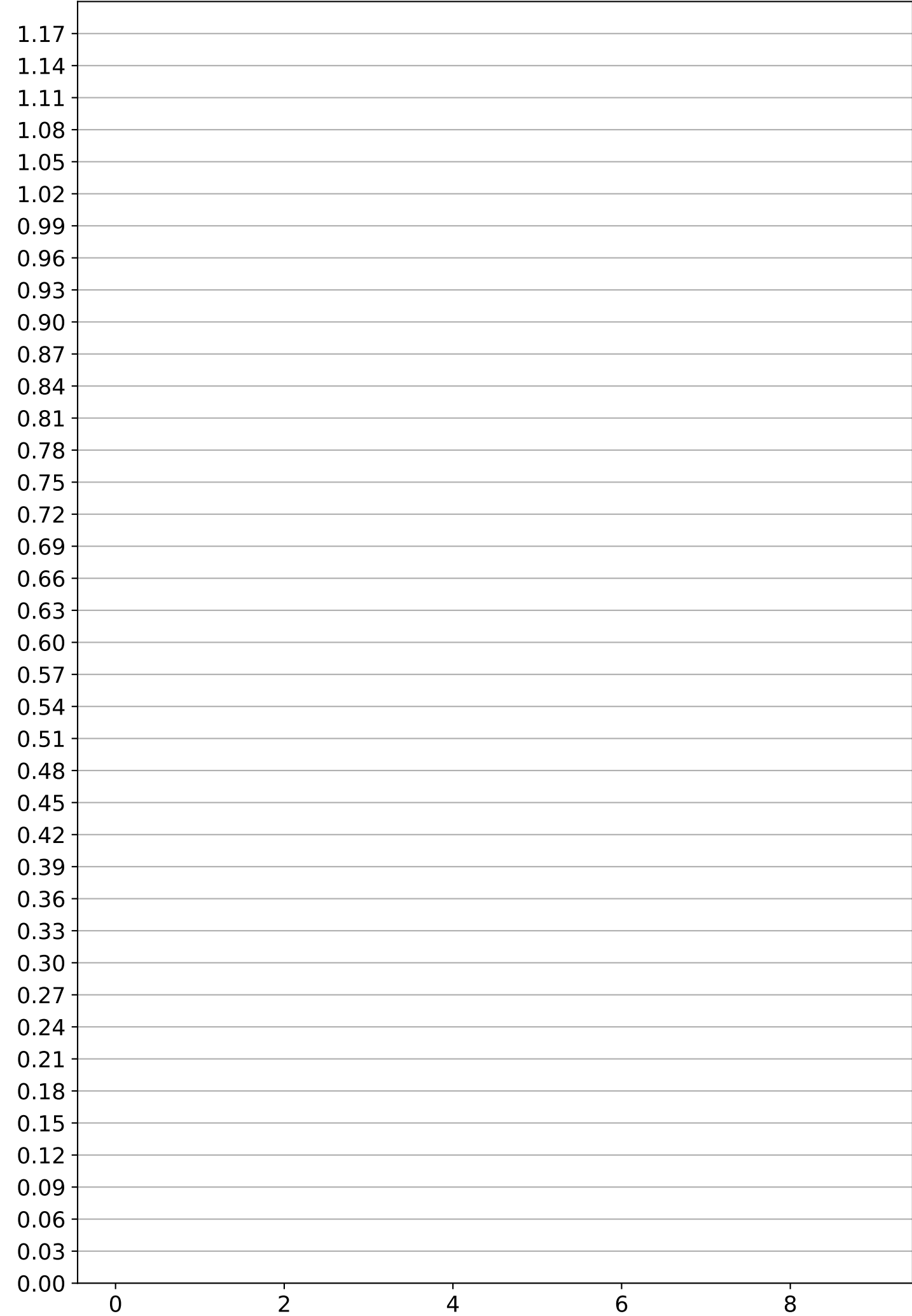
{Adamax{lr:0.4,b1:0.3,b2:0.999}}
last f:6.22455925585761,gen_err:3.9396356232598264



{Adamax{lr:0.4,b1:0.3,b2:0.9}}
last f:7.148902217113249,gen_err:4.483354625703263



{Adamax{lr:0.4,b1:0,b2:0.8}}
last f:7.627522712848622,gen_err:8.396556611622126



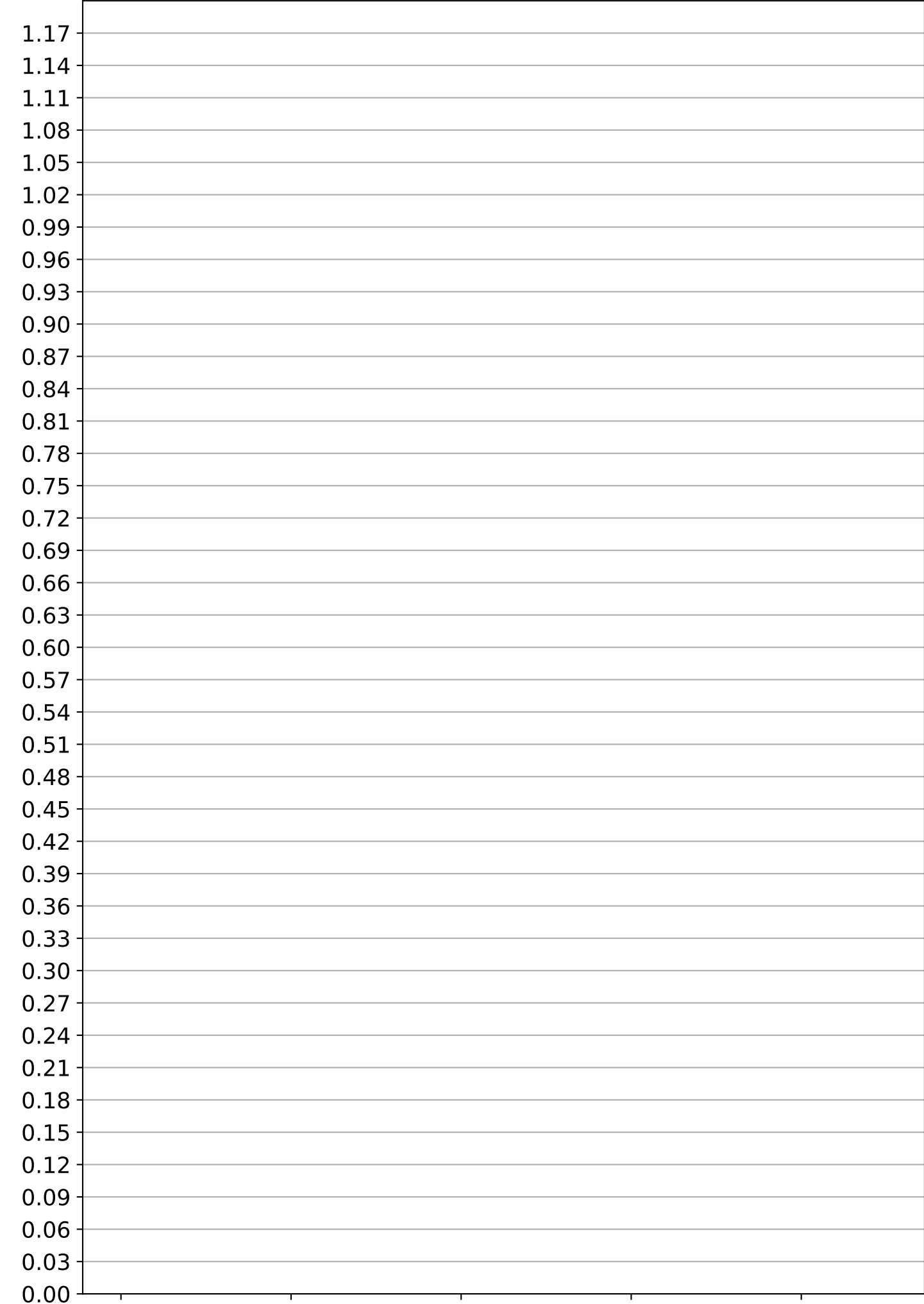
{Adamax{lr:0.4,b1:0,b2:0.9}}
last f:8.648406168374507,gen_err:6.445543875001108



{Adamax{lr:0.4,b1:0,b2:0.999}}
last f:8.961108772404476,gen_err:6.071769745079738



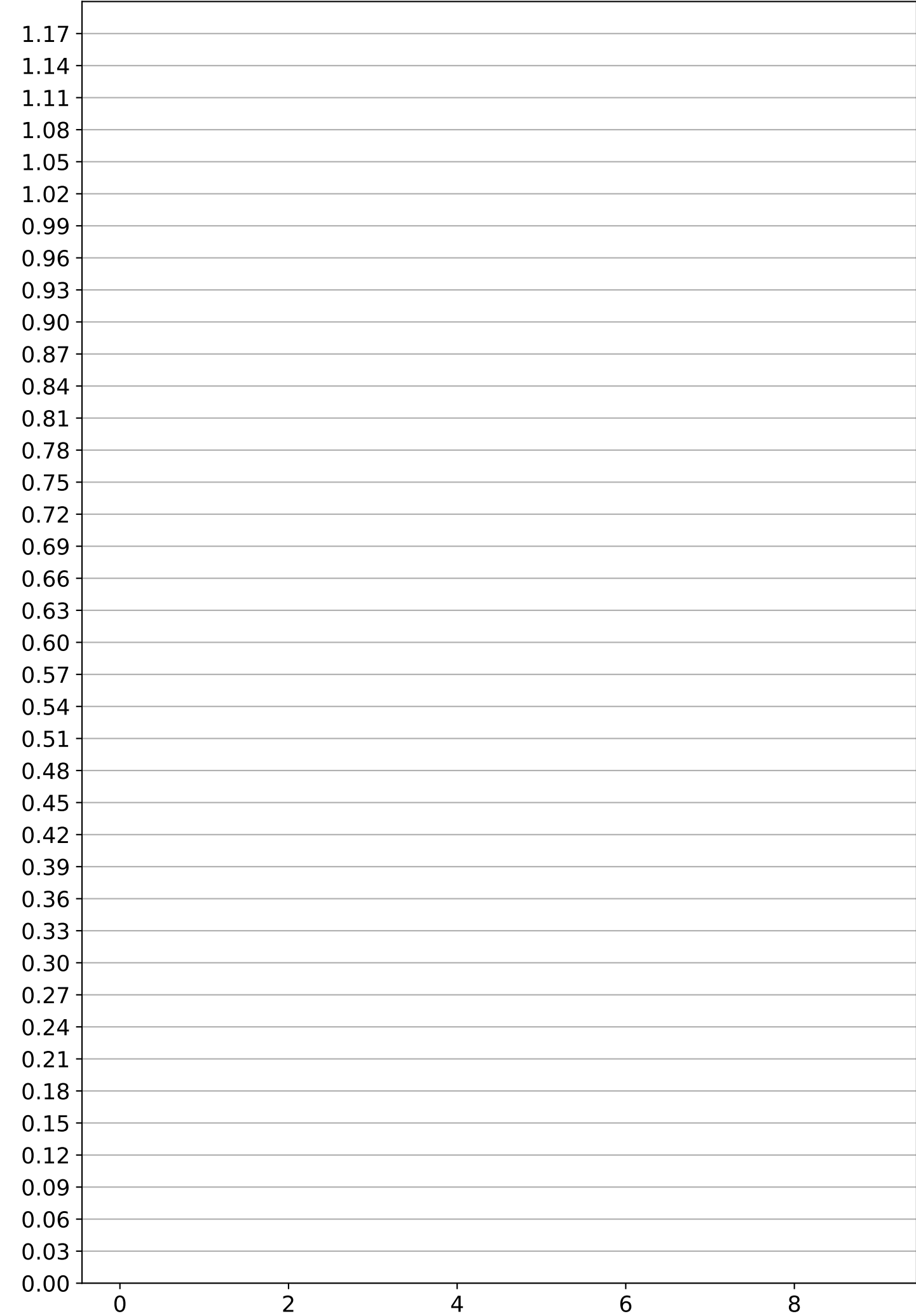
last f:14.922978851309338,gen err:13.527077435178601



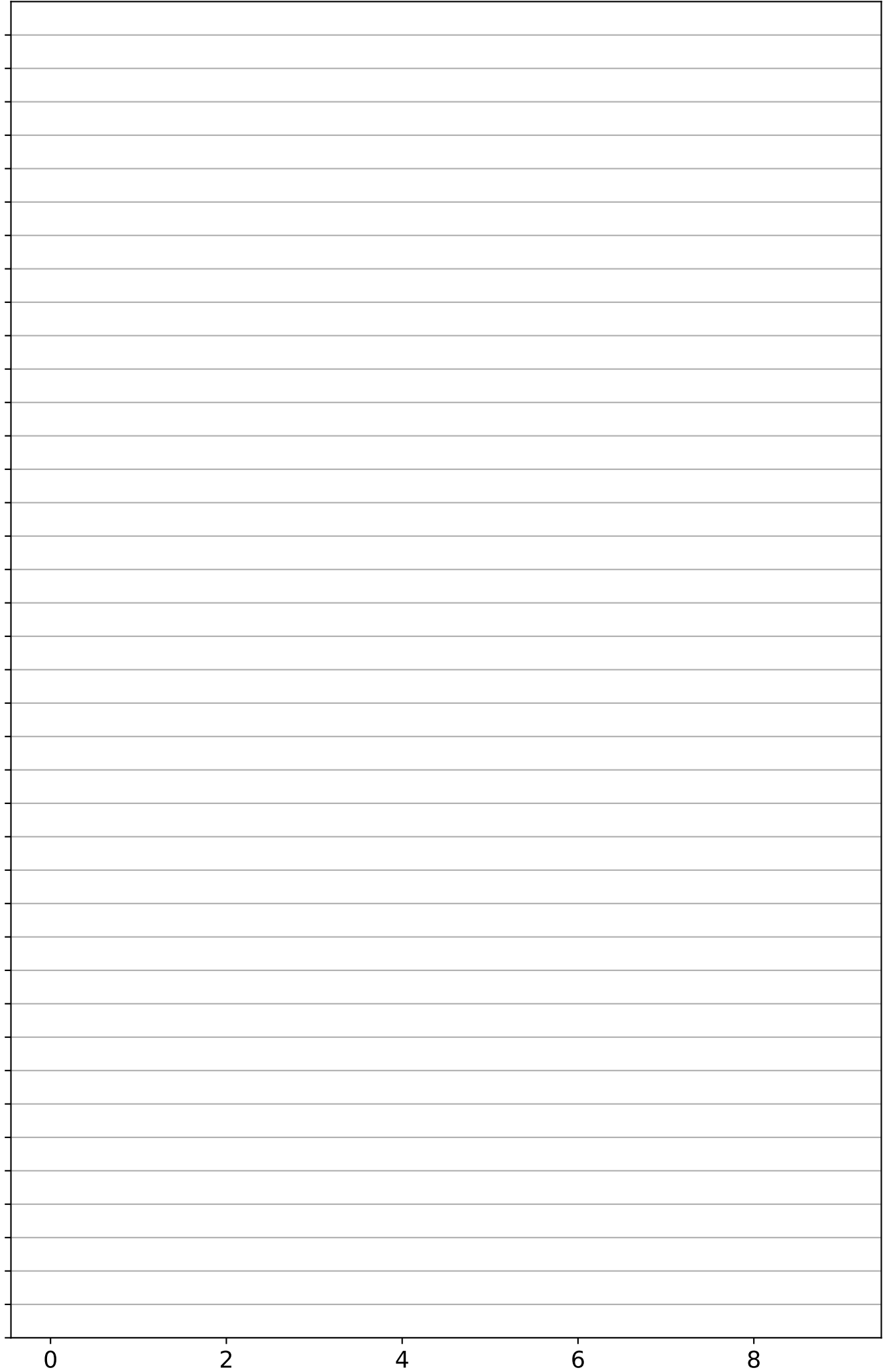
Last f:14.959814773472598,gen err:13.58799800849032

ast f:14.979480267756578,gen err:13.674880817492202

last f:15.520871986835342,gen err:14.201452973006216



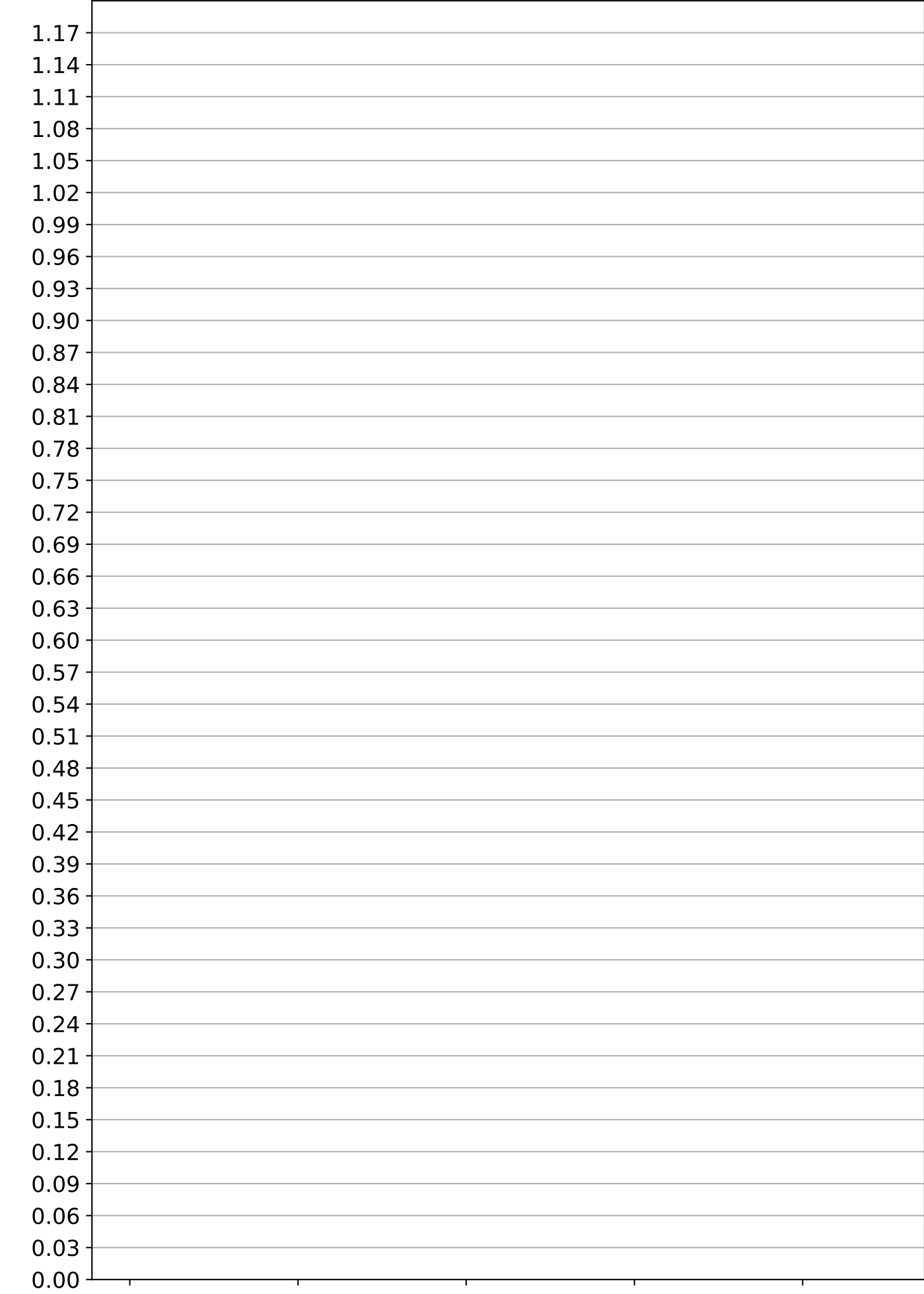
blast f:15.553640769927874,gen err:14.23279522625971



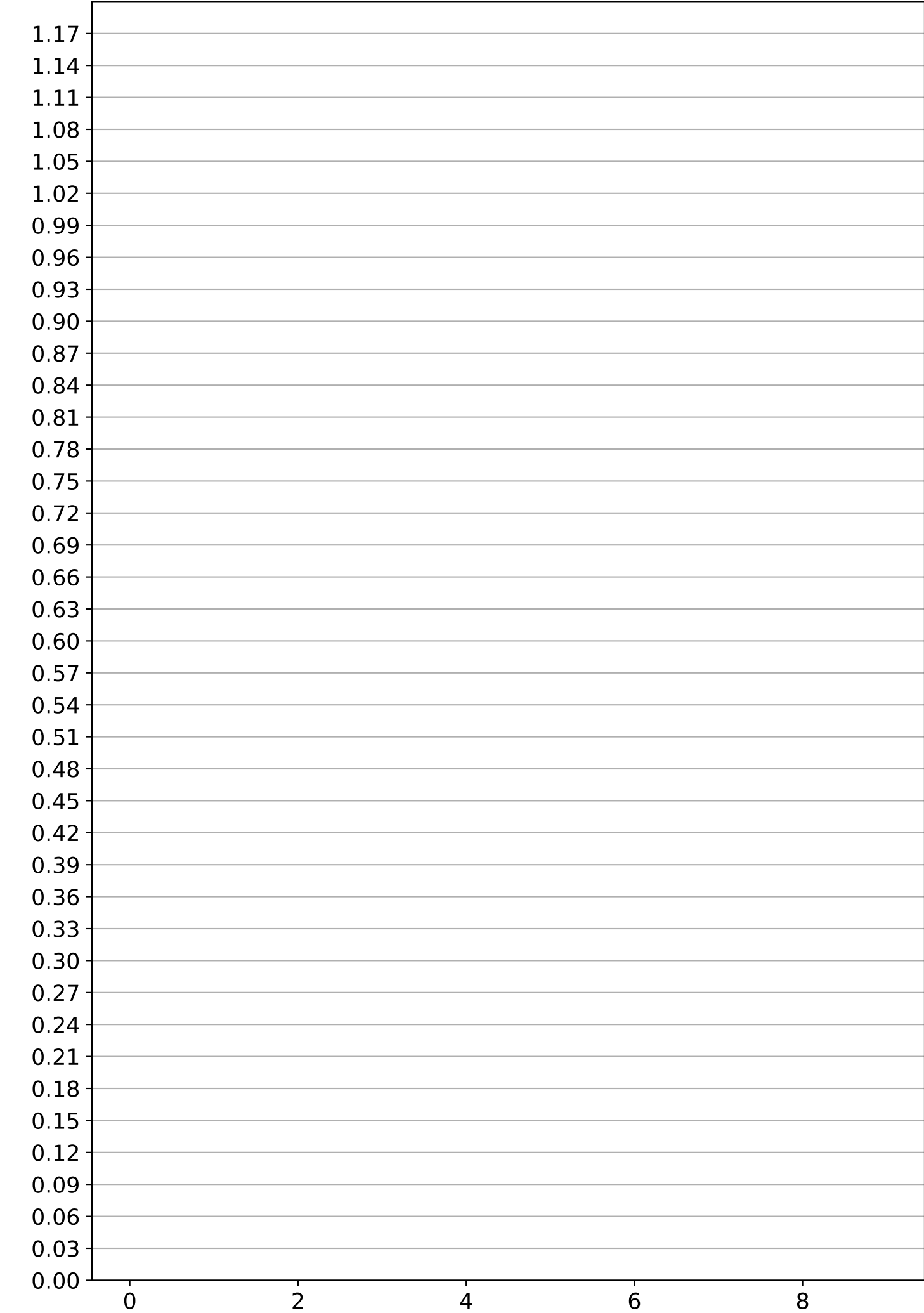
ast f:15.616829184724494,gen err:14.291150671938947

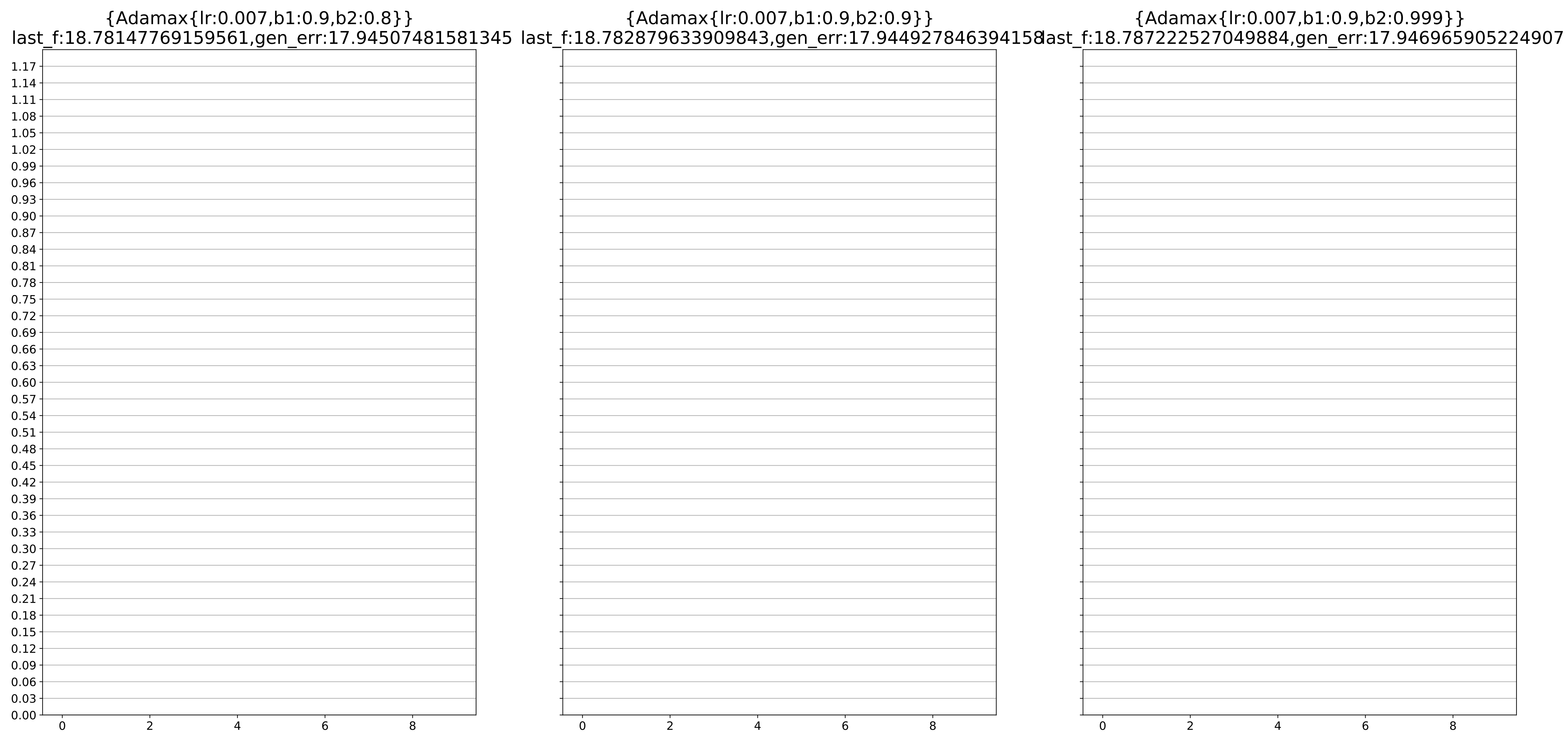
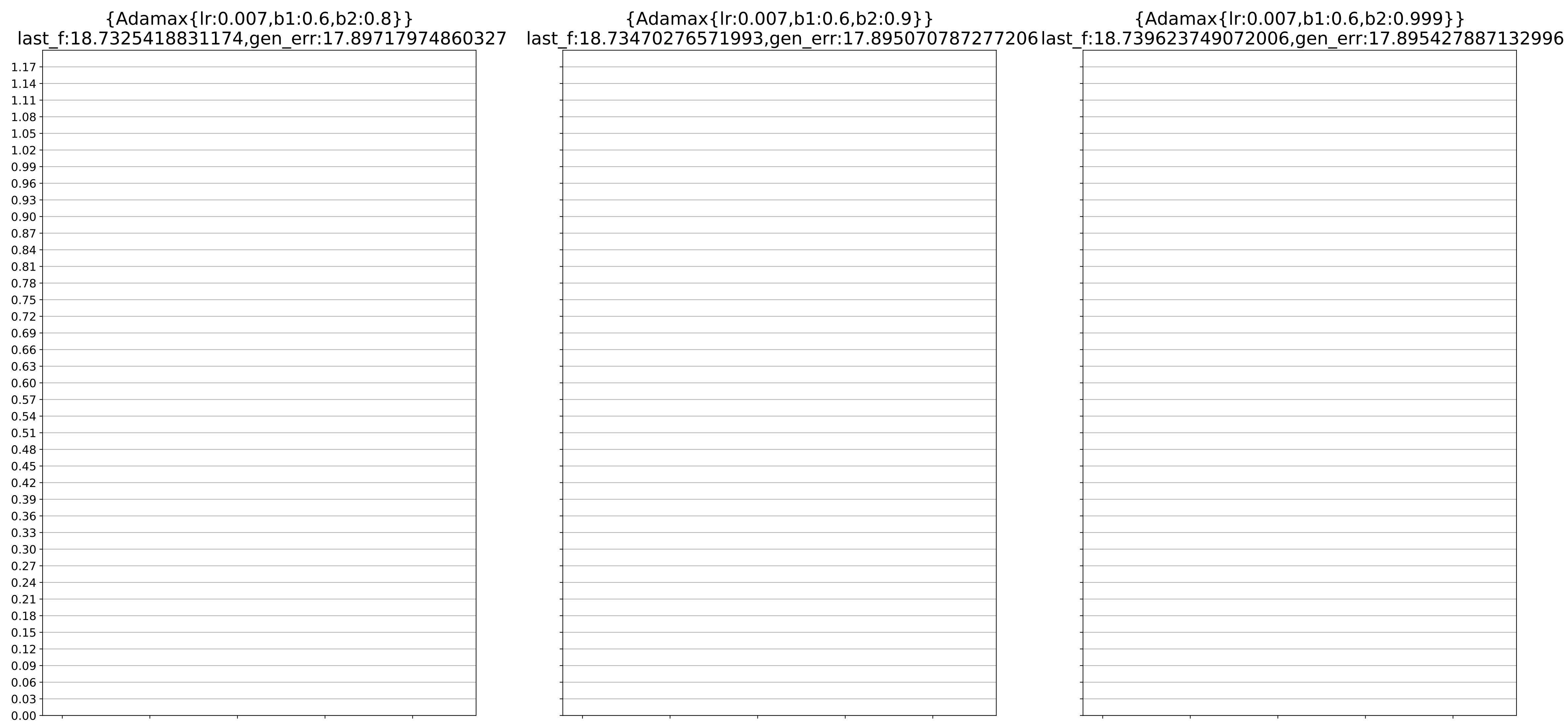


$\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.6,\text{b2}:0.8\}\}$ $\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.6,\text{b2}:0.9\}\}$ $\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.6,\text{b2}:0.999\}\}$
last f:16.345896392780773,gen_err:15.244979237048234 last f:16.36571408233814,gen_err:15.241795499175016 last f:16.420636304002826,gen_err:15.277496502382096



$\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.9,\text{b2}:0.8\}\}$ $\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.9,\text{b2}:0.9\}\}$ $\{\text{Adamax}\{\text{lr}:0.03,\text{b1}:0.9,\text{b2}:0.999\}\}$
last f:17.12138409822532,gen_err:16.066757671426707 last f:17.144541937050946,gen_err:16.112337500514016 last f:17.19474210985034,gen_err:16.17346270588937





{Adamax{lr:0.0007,b1:0,b2:0.8}}

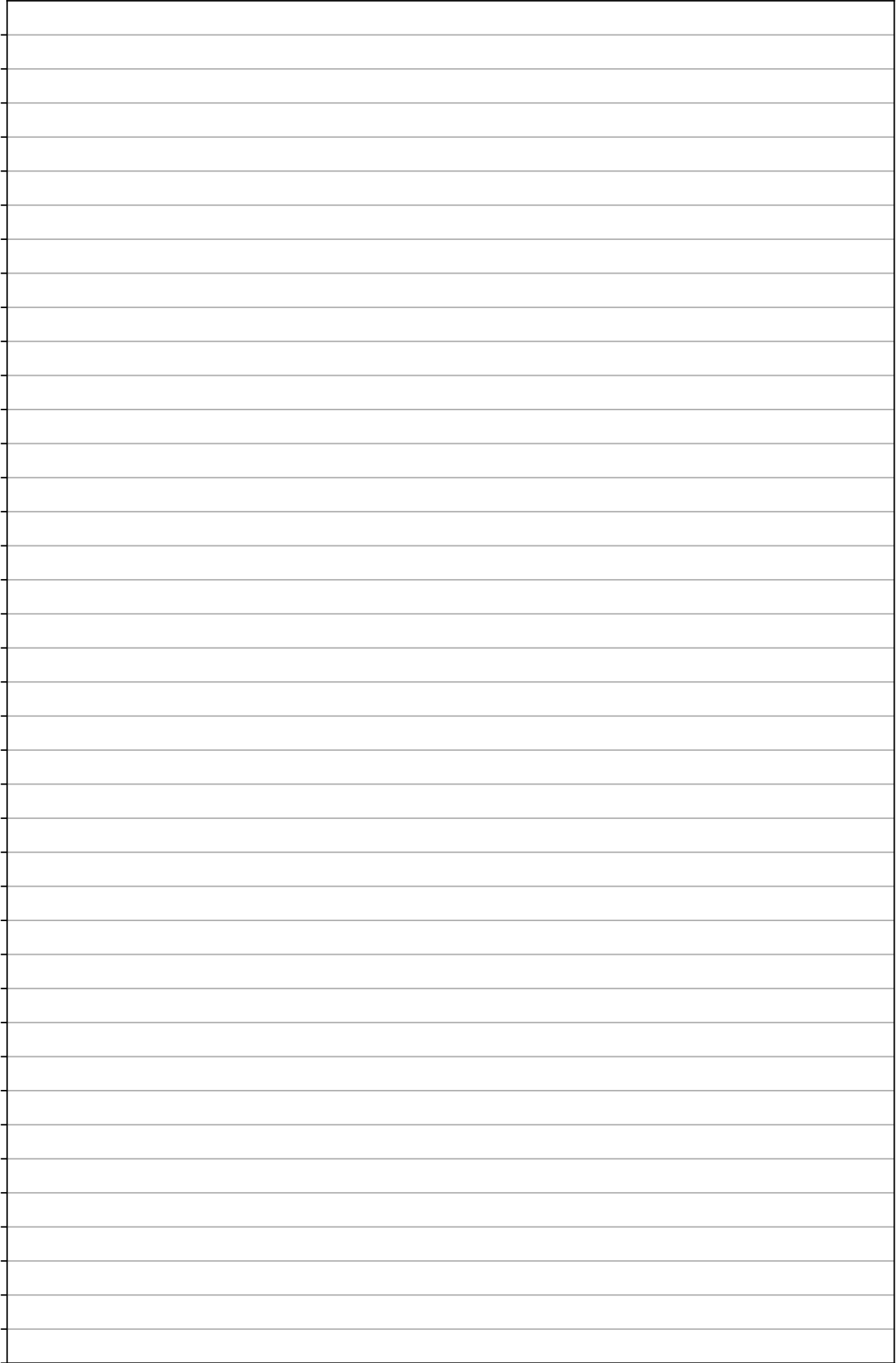
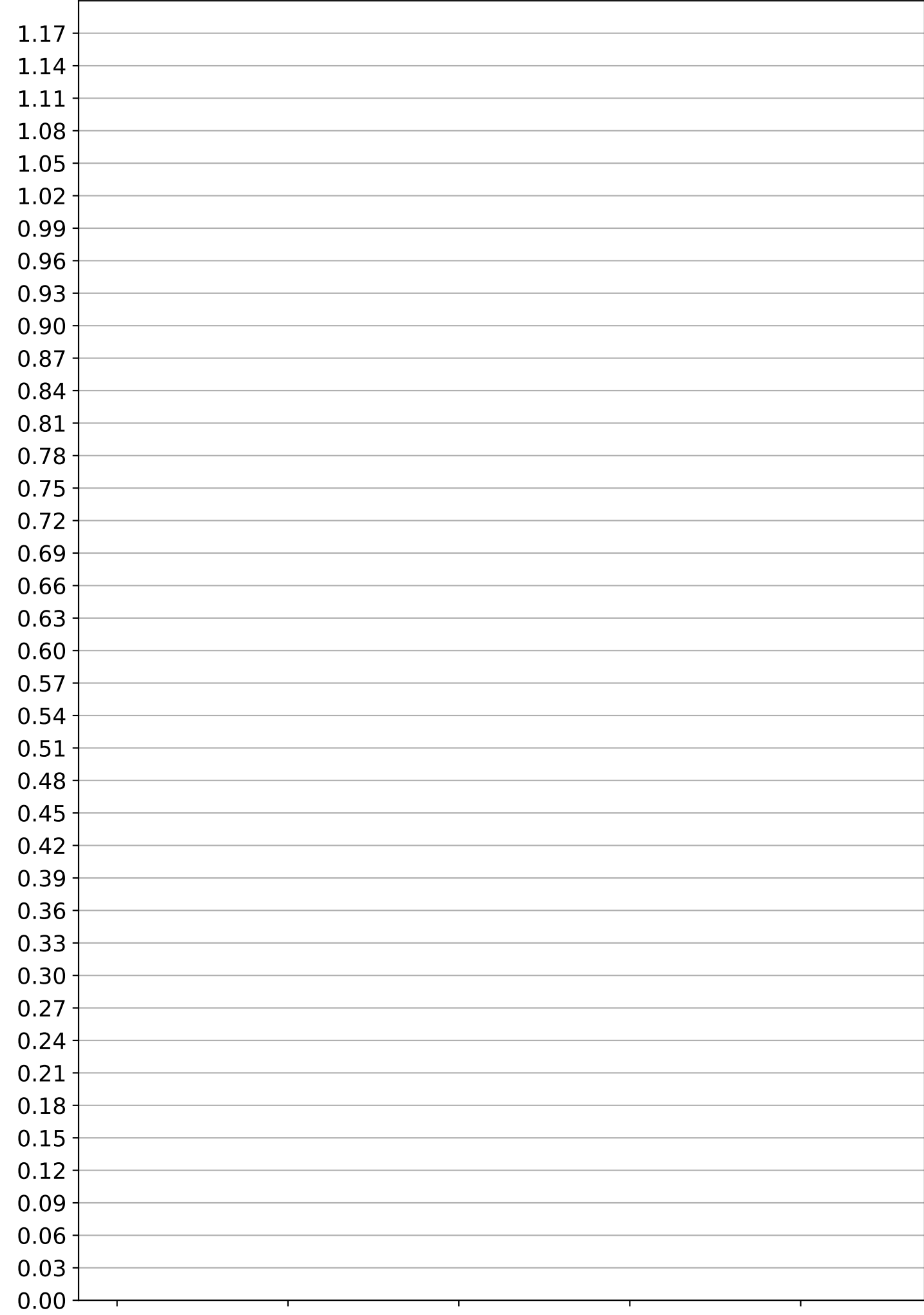
last f:19.04899974676998,gen_err:18.235760026892258

{Adamax{lr:0.0007,b1:0,b2:0.9}}

last f:19.050649481974318,gen_err:18.238282093329566

{Adamax{lr:0.0007,b1:0.3,b2:0.8}}

last f:19.050953434598455,gen_err:18.238668262188945



{Adamax{lr:0.0007,b1:0.3,b2:0.9}}

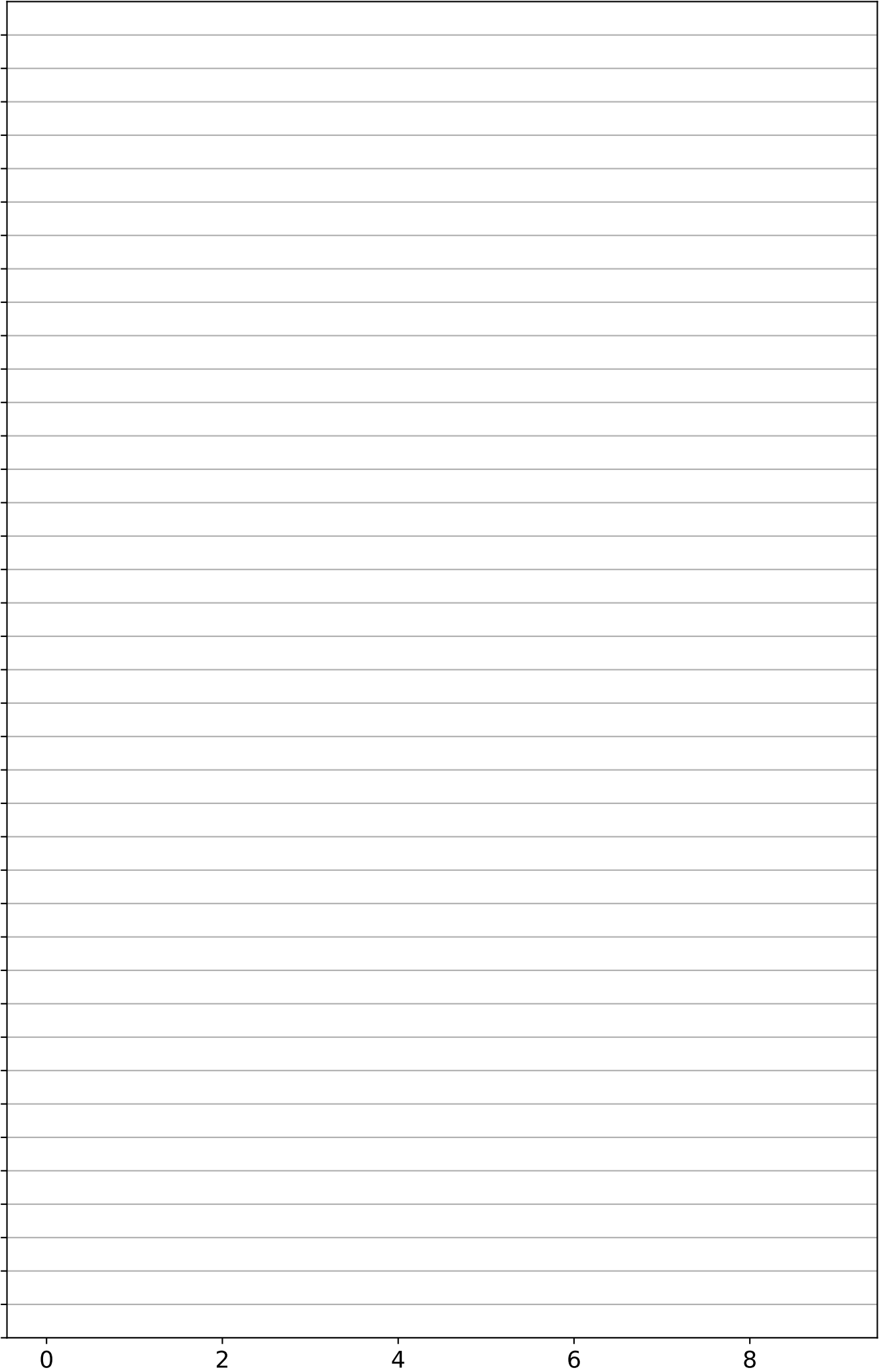
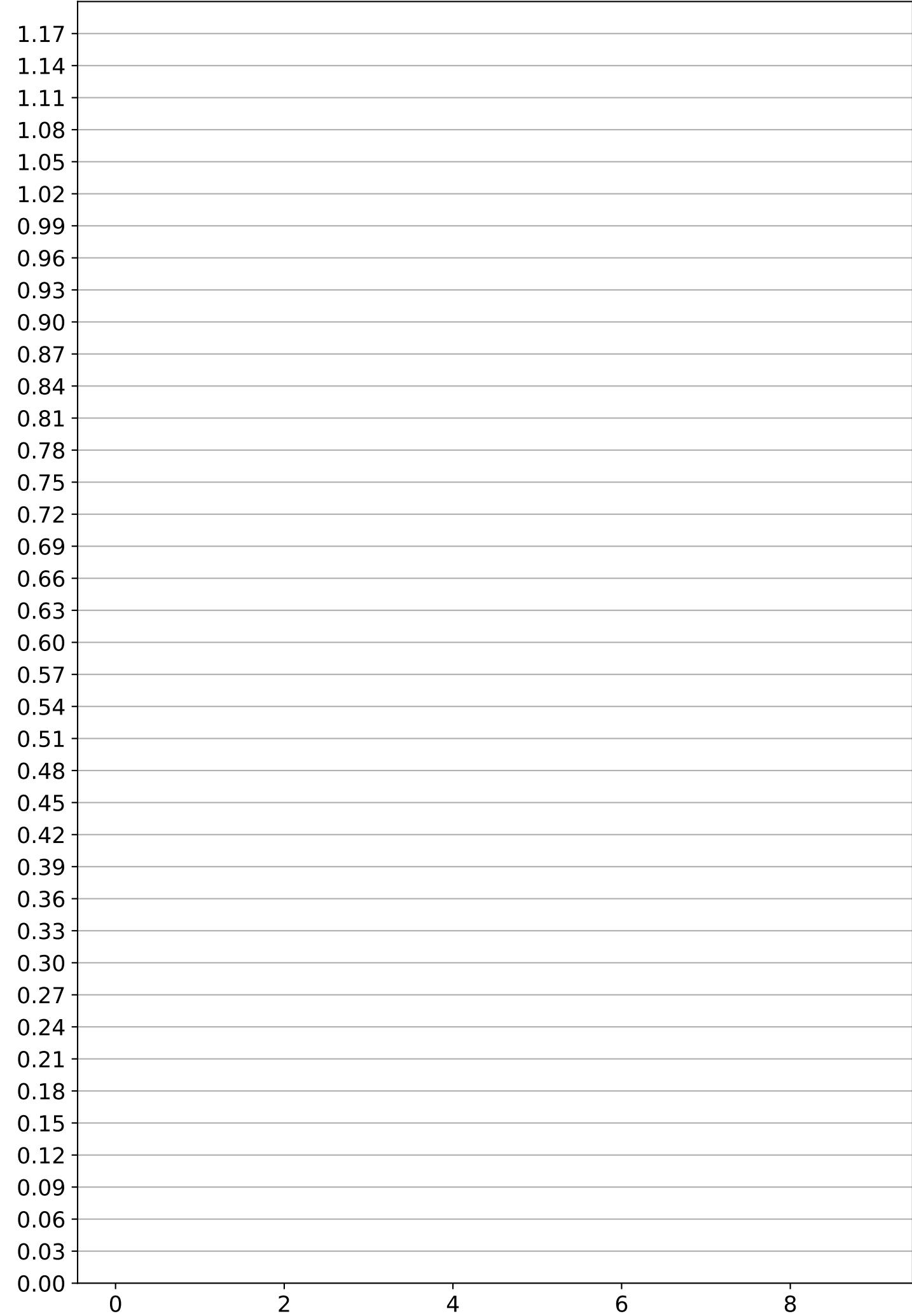
last f:19.050975406486753,gen_err:18.238674858898246

{Adamax{lr:0.0007,b1:0,b2:0.999}}

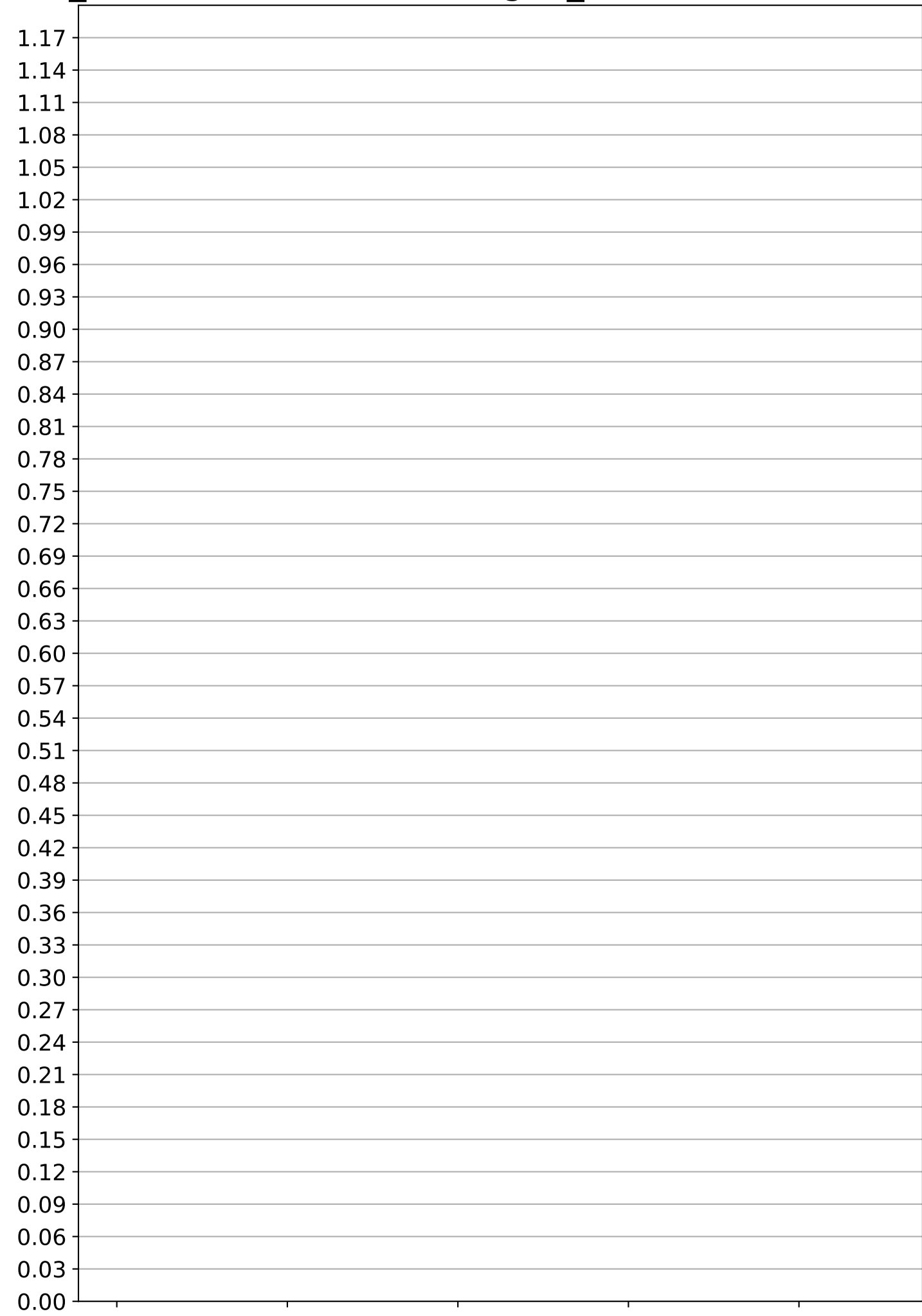
last f:19.051061051732233,gen_err:18.238729863820513

{Adamax{lr:0.0007,b1:0.3,b2:0.999}}

last f:19.05139669315887,gen_err:18.239122865043264



last f:19.051404573993867,gen_err:18.23923710363968

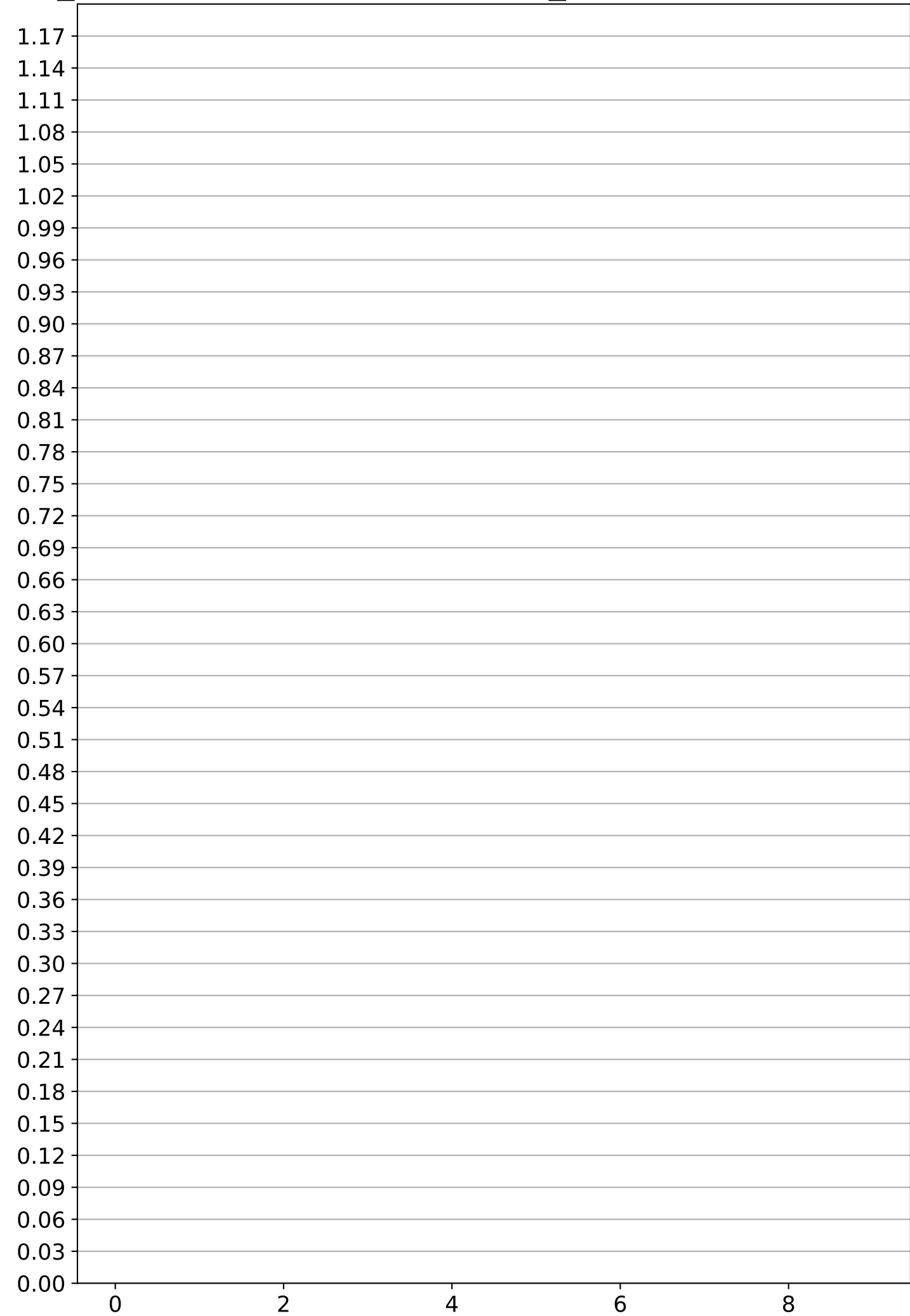


last f:19.051406547715658,gen_err:18.23921384483183

blast_f:19.051843605951817,gen_err:18.239672315194696



last_f:19.051892934453154,gen_err:18.239864502913353



blast_f:19.051933877051077,gen_err:18.23994343264952



5last_f:19.052342577233883,gen_err:18.24032969090137

