```
dir = NotebookDirectory[]
SetDirectory[dir];
```

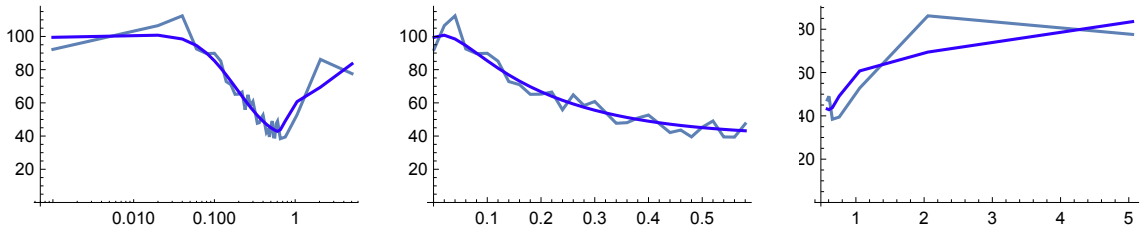
```
/Users/stefanhallermann/Desktop/github/sequential/out/
```

---

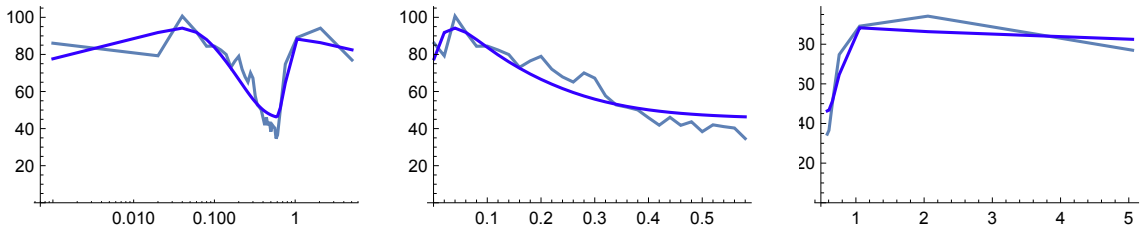
traces

```
time300 = Flatten[Import["time300.txt", "Table"]];
time300[[1]] += 0.001;
tmp300 = Import["apAmp300.txt", "Table"];
tmpSim300 = Import["apAmp300Sim.txt", "Table"];
numFiles = Length[tmp300[[1, All]]];

t300t1 = 25;
t300t2 = 34;
train = 30;
plR = {All, All};

For[i = 1, i ≤ numFiles, i += 1,
  amp300 = tmp300[[All, i]];
  ampSim300 = tmpSim300[[All, i]];
  Print["File number: ", i];
  (*log*)
  tmp1 = ListLogLinearPlot[Transpose[{time300, amp300}],
    PlotRange → All, Joined -> True, DisplayFunction → Identity];
  tmp2 = ListLogLinearPlot[Transpose[{time300, ampSim300}], PlotRange → All,
    Joined -> True, PlotStyle → Hue[0.7], DisplayFunction → Identity];
  gr300 = Show[{tmp1, tmp2}, PlotRange → plR, DisplayFunction → Identity];
  (*train*)
  tmp1 = ListPlot[Take[Transpose[{time300, amp300}], train],
    PlotRange → All, Joined -> True, DisplayFunction → Identity];
  tmp2 = ListPlot[Take[Transpose[{time300, ampSim300}], train], PlotRange → All,
    Joined -> True, PlotStyle → Hue[0.7], DisplayFunction → Identity];
  gr300tr = Show[{tmp1, tmp2}, PlotRange → plR, DisplayFunction → Identity];
  (*recovery after train*)
  tmp1 = ListPlot[Take[Transpose[{time300, amp300}], {train, Length[time300]}],
    PlotRange → All, Joined -> True, DisplayFunction → Identity];
  tmp2 = ListPlot[Take[Transpose[{time300, ampSim300}],
     {train, Length[time300]}], PlotRange → All, Joined -> True,
    PlotStyle → Hue[0.7], DisplayFunction → Identity];
  gr300rec = Show[{tmp1, tmp2}, PlotRange → plR, DisplayFunction → Identity];
  Print[GraphicsGrid[{{gr300, gr300tr, gr300rec}}]];
 ];
```

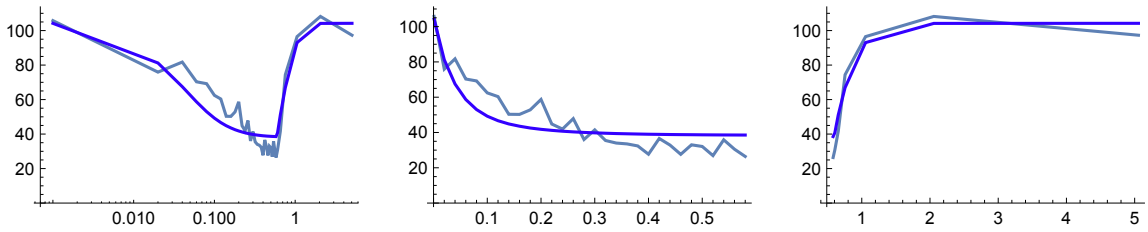
File number: 1



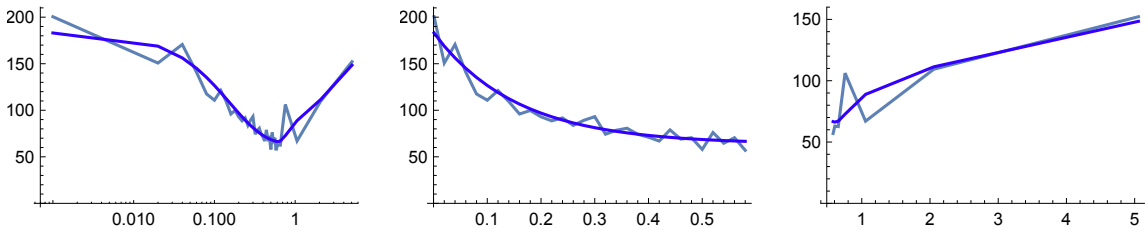
File number: 2



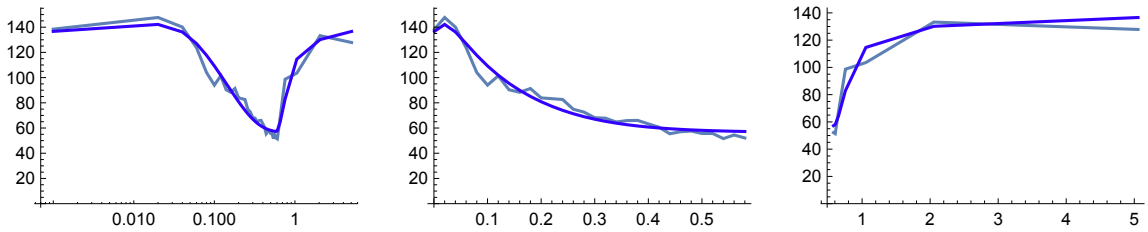
File number: 3



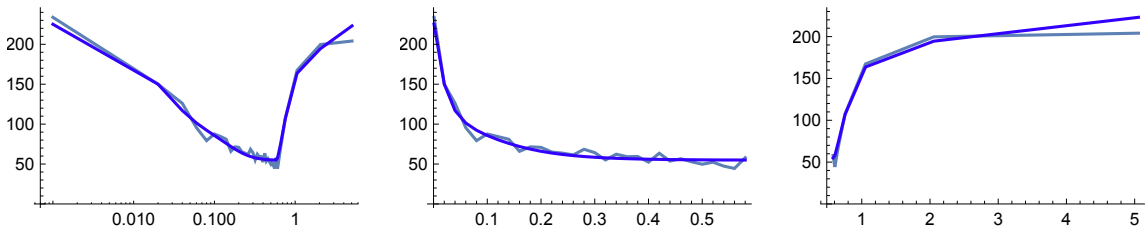
File number: 4



File number: 5



File number: 6



rates and chi2

```
tmp = Import["rates.txt", "Table"];
Flatten[{{{"k10", "b1", "k20", "b2", "p_rel", "chi2_train"}}, tmp}, 1] //
 MatrixForm
```

k10	b1	k20	b2	p_rel	chi2_train
0.142178	0.138773	1.47235	1.52941	0.128606	11.341
0.456871	0.588042	0.022476	0.0786887	0.296175	13.8975
8.04973	45.8875	8.83813	15.0418	0.547375	15.105
13.255	5.51887	0.372036	4.77665×10^{-6}	0.0775152	41.8876
2.12338	1.61739	0.670784	1.79347	0.330493	10.8711
2.04407	3.10306	0.507379	1.22912	0.676784	13.3794