In[344]:=
```
SetDirectory[NotebookDirectory[]];
a = Import["y_pred.csv", "Data"];
Dimensions[a]
a = ArrayReshape[a, {20, 20, 100, 4}];
b = Import["y_act.csv", "Data"];
b = ArrayReshape[b, {20, 20, 100, 4}];
```

Out[346]= {40 000, 4}

In[350]:=
```
Max[a[[All, All, All, 1]]]
Max[b[[All, All, All, 1]]]
```

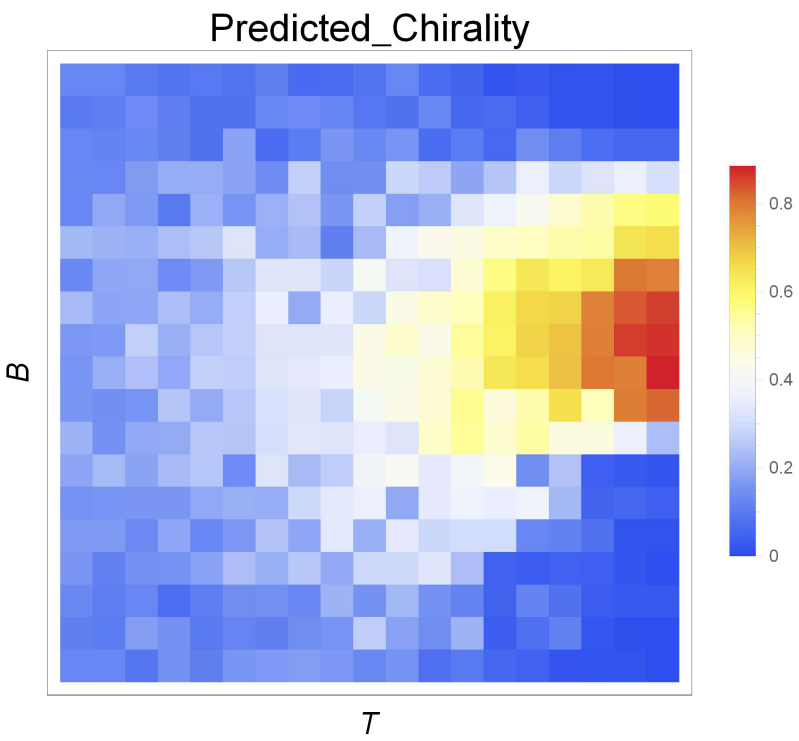
Out[350]= 0.923868298530578613

Out[351]= 1.057610511779785156

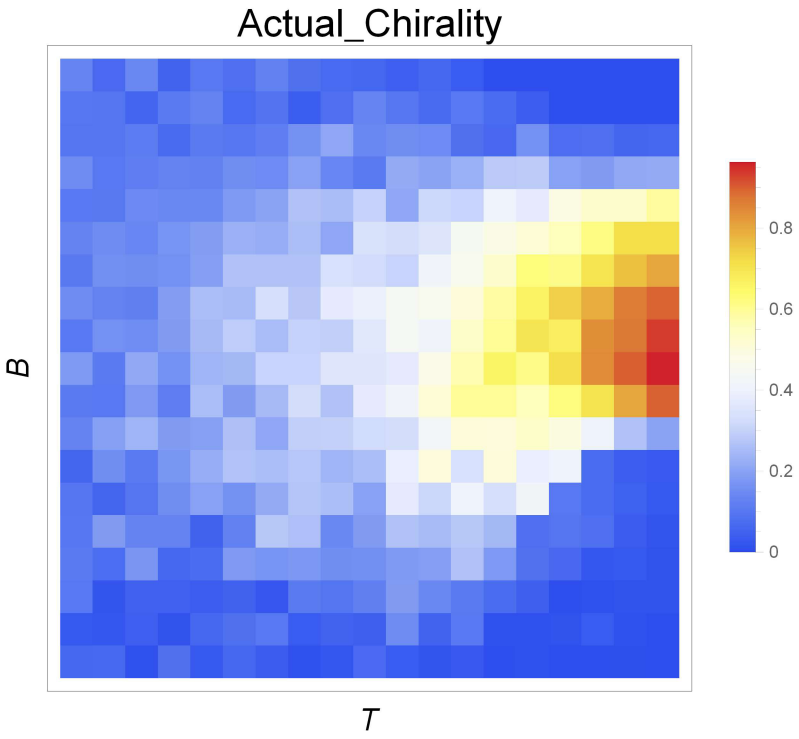
In[352]:=
```
n = 1
ListDensityPlot[a[[All, All, 95, n]], FrameTicks → ftick,
 ColorFunction → "TemperatureMap", AspectRatio → 1,
 PlotLabel → Style["Predicted_Chirality", FontSize → 20], PlotLegends → Automatic,
 FrameLabel → {Style[T, FontSize → 16], Style[B, FontSize → 16]},
 InterpolationOrder → 0]
ListDensityPlot[b[[All, All, 95, n]], FrameTicks → ftick,
 ColorFunction → "TemperatureMap", AspectRatio → 1,
 PlotLabel → Style["Actual_Chirality", FontSize → 20], PlotLegends → Automatic,
 FrameLabel → {Style[T, FontSize → 16], Style[B, FontSize → 16]},
 InterpolationOrder → 0]
Show[ListPlot[a[[10, All, 95, n]]],
 ListPlot[b[[10, All, 95, n]], PlotStyle → Red], PlotRange → All,
 FrameLabel → {Style[Chirality, FontSize → 16], Style[B, FontSize → 16]}]
```

Out[352]= 1

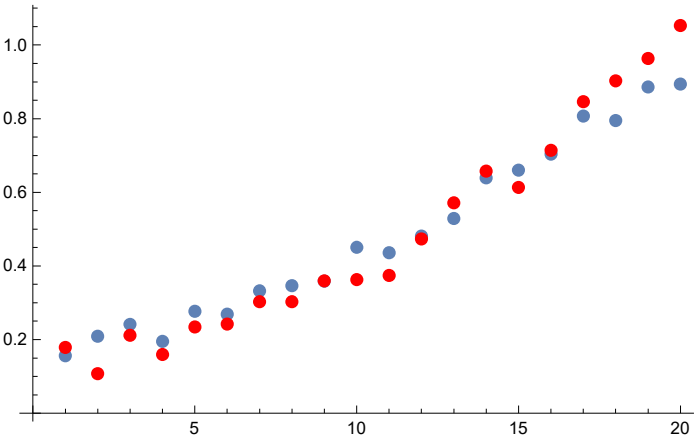
Out[353]=



Out[354]=



Out[355]=



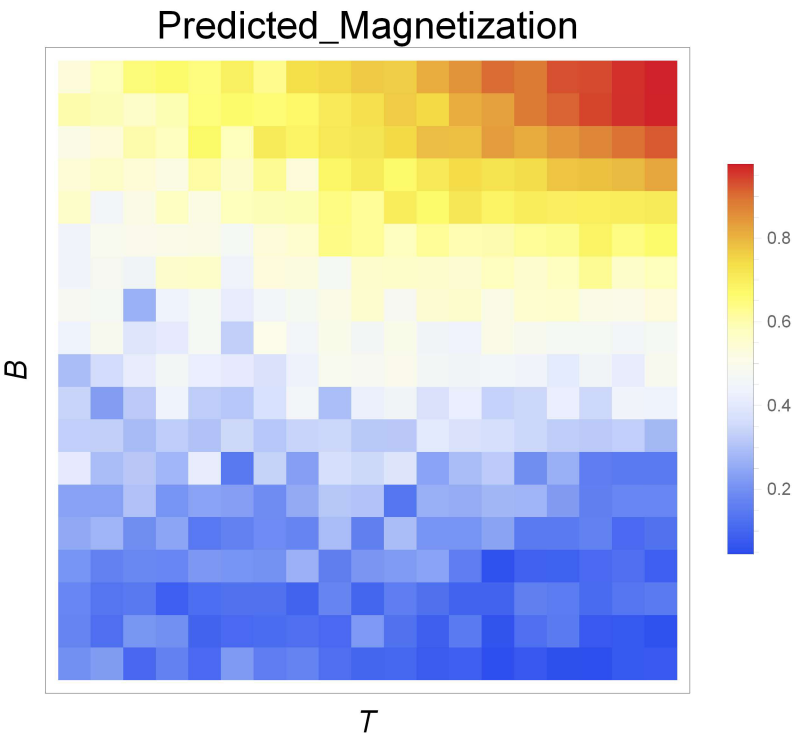
In[369]:=

In[357]:=

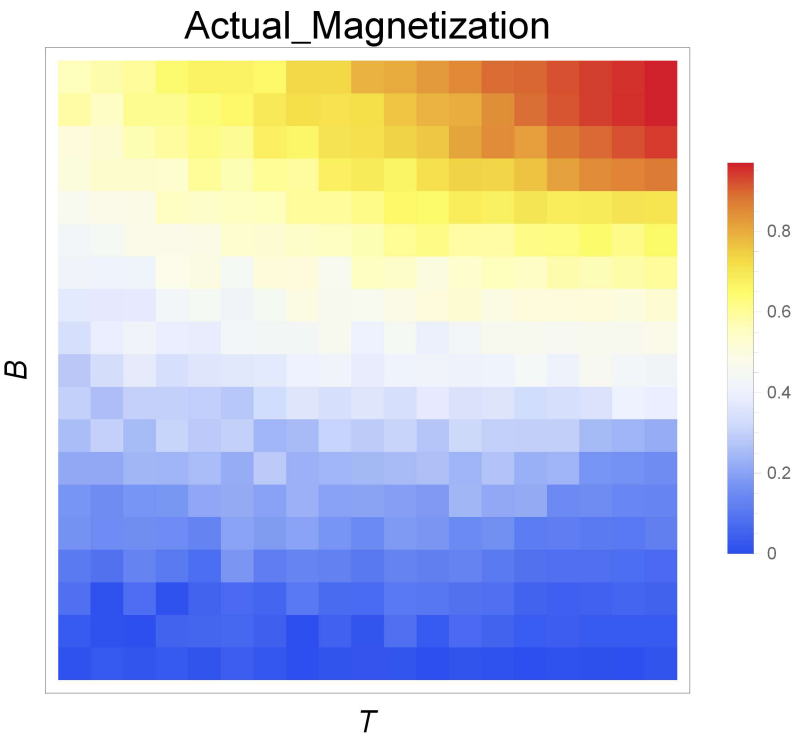
```
n = 2
ListDensityPlot[a[[All, All, 95, n]], FrameTicks → ftick,
 ColorFunction → "TemperatureMap", AspectRatio → 1,
 PlotLabel → Style["Predicted_Magnetization", FontSize → 20],
 PlotLegends → Automatic, FrameLabel →
  {Style[T, FontSize → 16], Style[B, FontSize → 16]}, InterpolationOrder → 0]
ListDensityPlot[b[[All, All, 95, n]], FrameTicks → ftick,
 ColorFunction → "TemperatureMap", AspectRatio → 1,
 PlotLabel → Style["Actual_Magnetization", FontSize → 20],
 PlotLegends → Automatic, FrameLabel →
  {Style[T, FontSize → 16], Style[B, FontSize → 16]}, InterpolationOrder → 0]
Show[ListPlot[a[[All, 10, 95, n]]],
 ListPlot[b[[All, 10, 95, n]], PlotStyle → Red], PlotRange → {0, 1},
 FrameLabel → {Style[Magnetization, FontSize → 16], Style[B, FontSize → 16]}]
```

Out[357]= 2

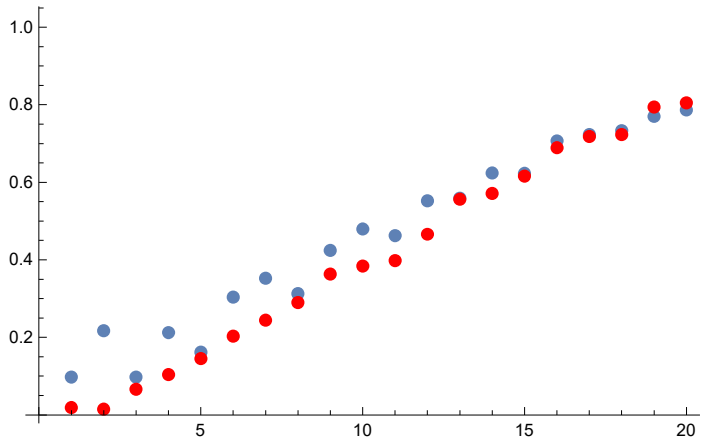
Out[358]=



Out[359]=



Out[360]=

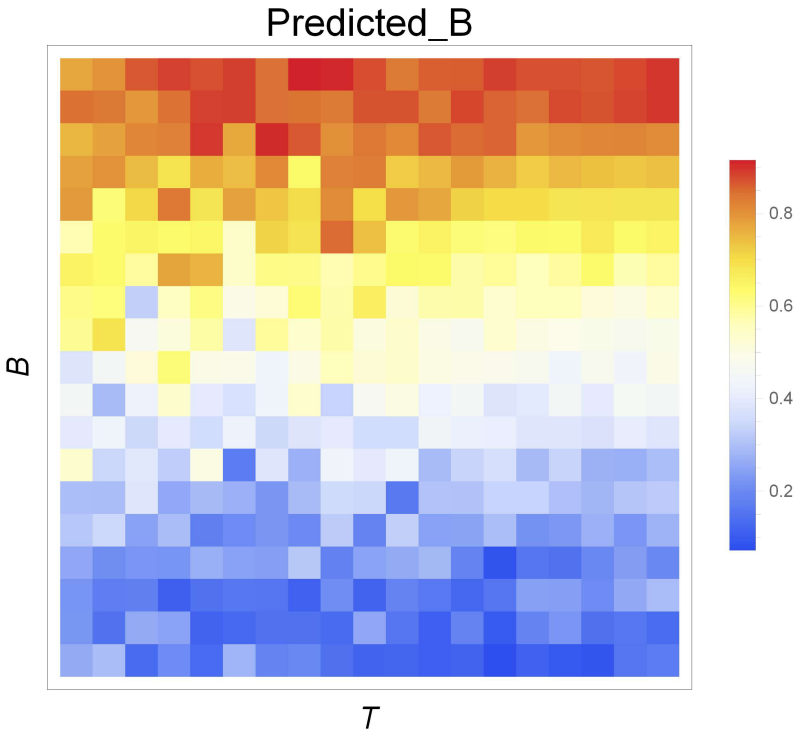


In[361]:=

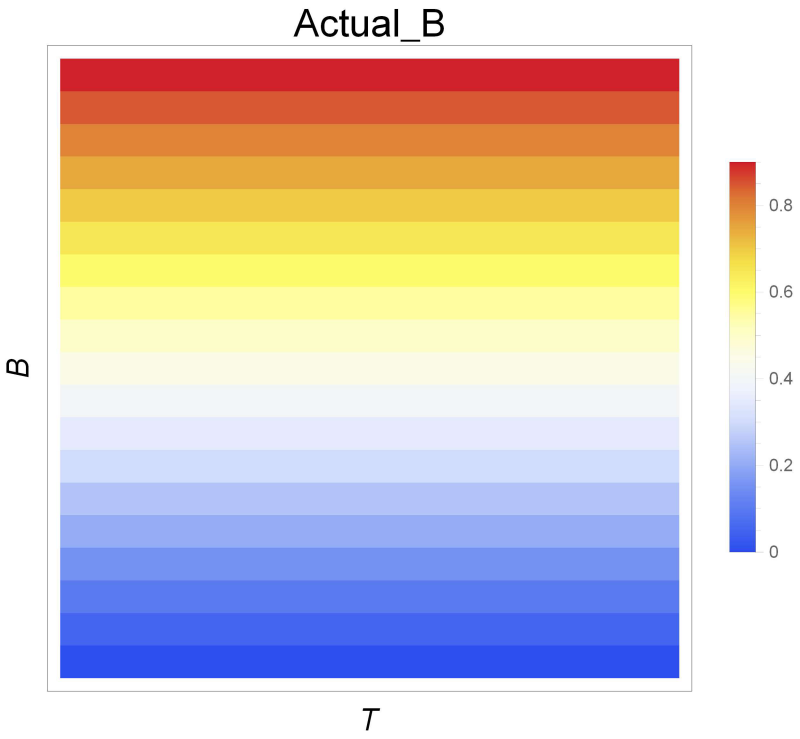
```
n = 3
ListDensityPlot[a[[All, All, 95, n]], FrameTicks → ftick,
 ColorFunction → "TemperatureMap", AspectRatio → 1,
 PlotLabel → Style["Predicted_B", FontSize → 20], PlotLegends → Automatic,
 FrameLabel → {Style[T, FontSize → 16], Style[B, FontSize → 16]},
 InterpolationOrder → 0]
ListDensityPlot[b[[All, All, 95, n]], FrameTicks → ftick,
 ColorFunction → "TemperatureMap", AspectRatio → 1,
 PlotLabel → Style["Actual_B", FontSize → 20], PlotLegends → Automatic,
 FrameLabel → {Style[T, FontSize → 16], Style[B, FontSize → 16]},
 InterpolationOrder → 0]
Show[ListPlot[a[[All, 10, 95, n]]], ListPlot[b[[All, 10, 95, n]], PlotStyle → Red],
 FrameLabel → {Style[Magnetic_Field, FontSize → 16], Style[B, FontSize → 16]},
 PlotRange → {0, 1}]
```

Out[361]= 3

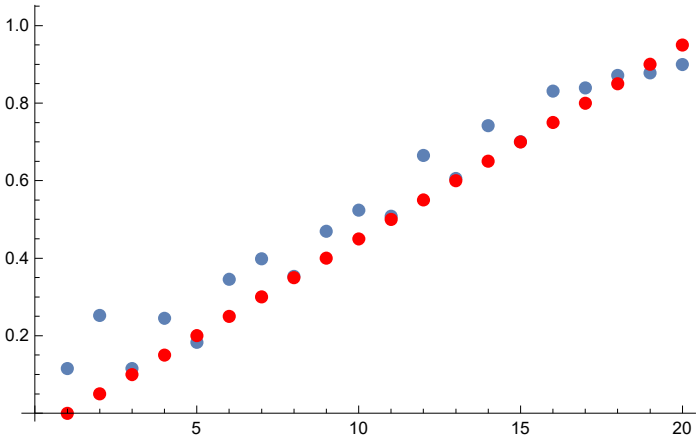
Out[362]=



Out[363]=



Out[364]=

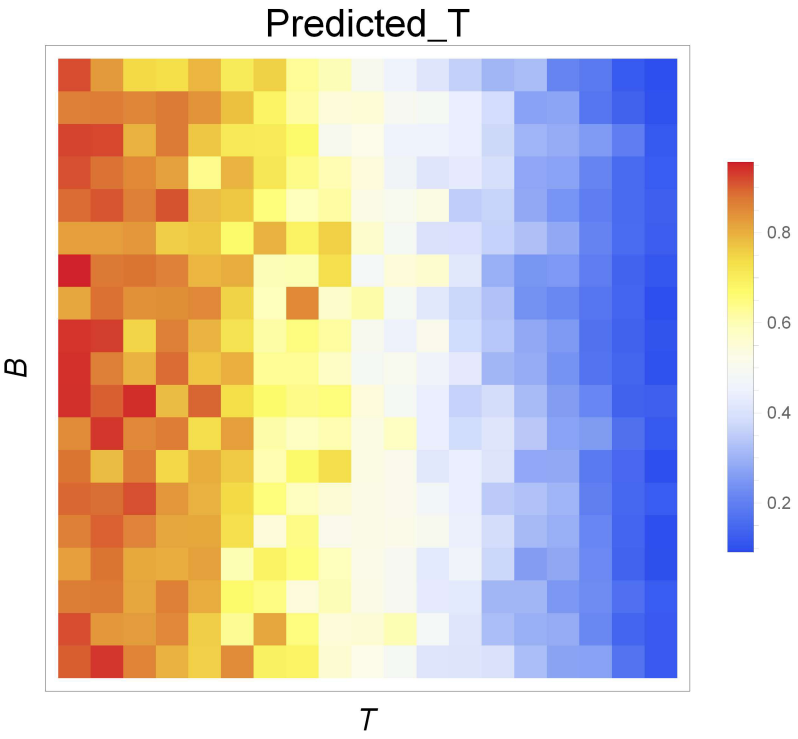


In[365]:=

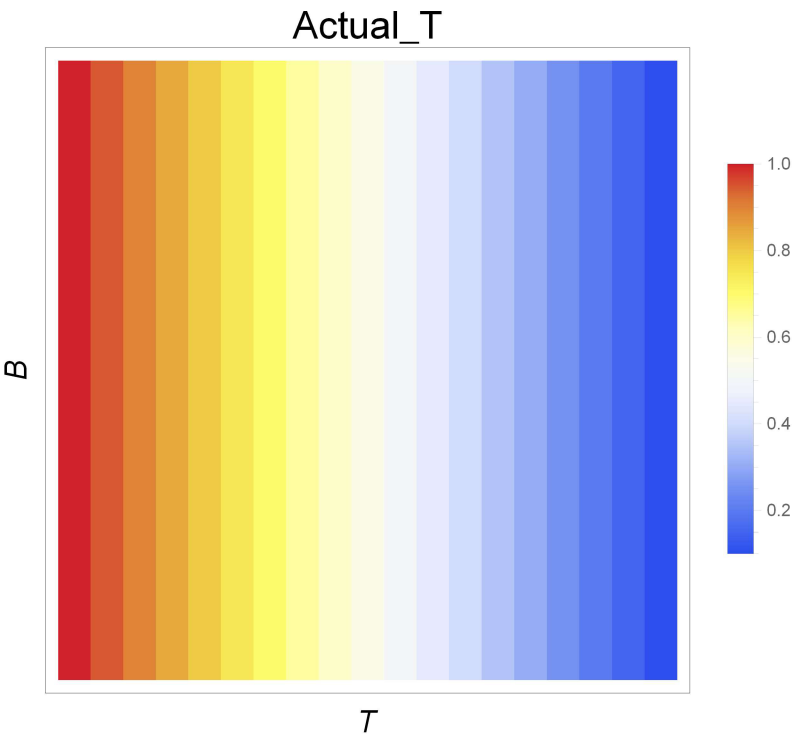
```
n = 4
ListDensityPlot[a[[All, All, 95, n]], FrameTicks → ftick,
 ColorFunction → "TemperatureMap", AspectRatio → 1,
 PlotLabel → Style["Predicted_T", FontSize → 20], PlotLegends → Automatic,
 FrameLabel → {Style[T, FontSize → 16], Style[B, FontSize → 16]},
 InterpolationOrder → 0]
ListDensityPlot[b[[All, All, 95, n]], FrameTicks → ftick,
 ColorFunction → "TemperatureMap", AspectRatio → 1,
 PlotLabel → Style["Actual_T", FontSize → 20], PlotLegends → Automatic,
 FrameLabel → {Style[T, FontSize → 16], Style[B, FontSize → 16]},
 InterpolationOrder → 0]
Show[ListPlot[a[[10, All, 95, n]]],
 ListPlot[b[[10, All, 95, n]], PlotStyle → Red], PlotRange → {0, 1},
 FrameLabel → {Style[Temperature, FontSize → 16], Style[T, FontSize → 16]}]
```

Out[365]= 4

Out[366]=



Out[367]=



Out[368]=