Model Performance vs Number of Ks
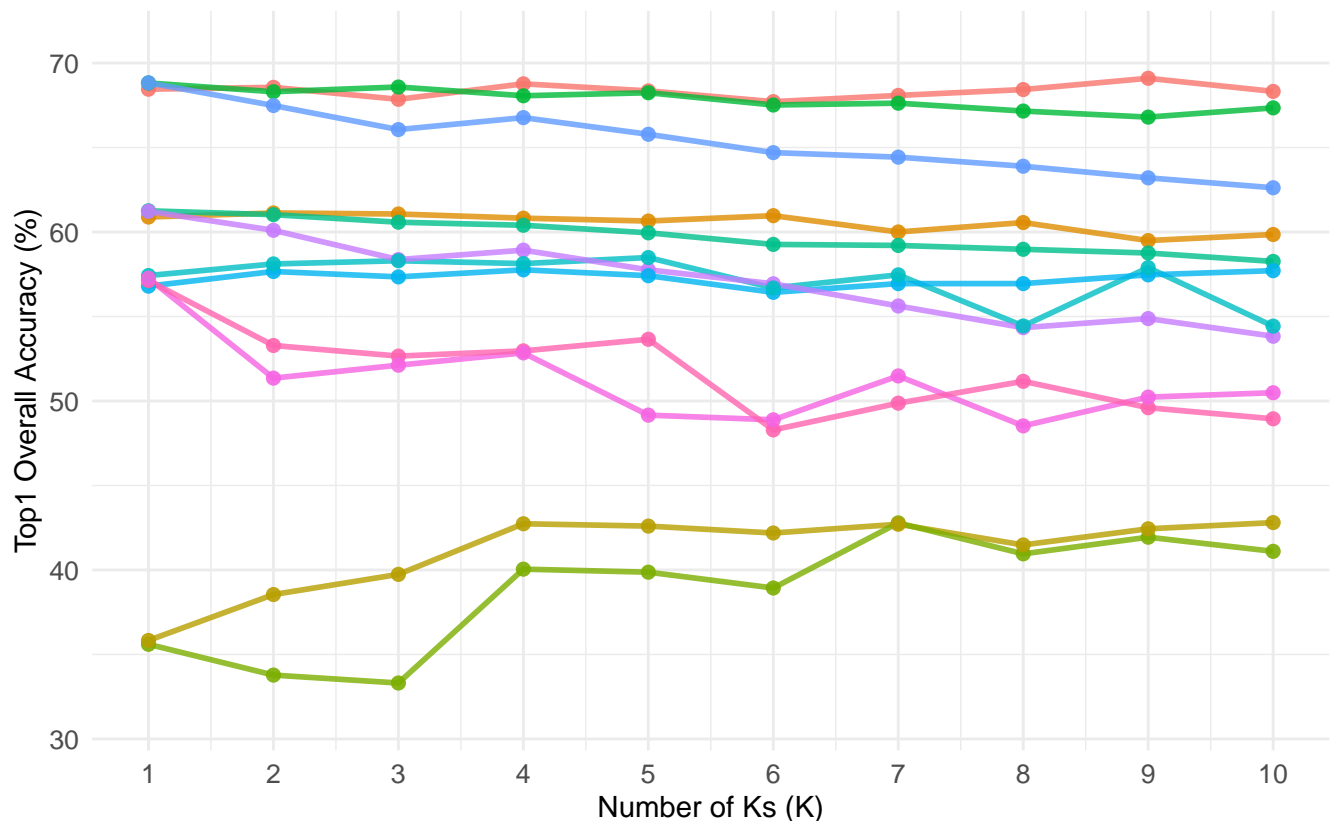
Top1 Overall Accuracy across different models and coordination settings
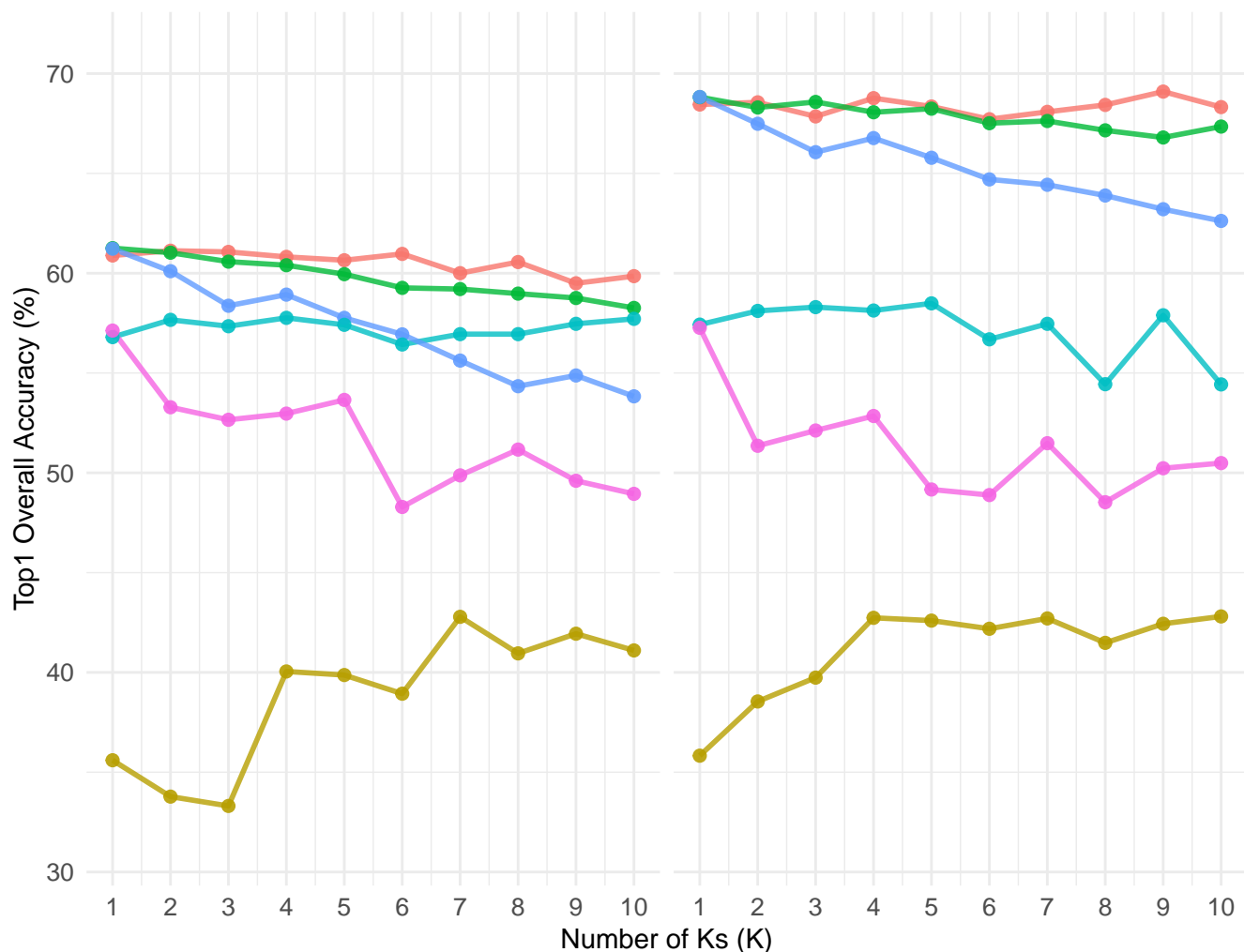
Model & Coordination

- ConvNN All (with coord)
- ConvNN All (without coord)
- ConvNN All Attn (with coord)
- ConvNN All Attn (without coord)
- ConvNN Random (with coord)
- ConvNN Random (without coord)
- ConvNN Random Attn (with coord)
- ConvNN Random Attn (without coord)
- ConvNN Spatial (with coord)
- ConvNN Spatial (without coord)
- ConvNN Spatial Attn (with coord)
- ConvNN Spatial Attn (without coord)

Model Performance vs Number of Ks (Faceted by Coordination)

Top1 Overall Accuracy comparison between with/without coordination

Model Performance vs Number of Ks

Top1 Overall Accuracy with coordination shown by line type

X-axis: Number of Ks (K)

Y-axis: Top1 Overall Accuracy (%)

Coordination: — Without Coord - - With Coord

Model: ConvNN All, ConvNN Random, ConvN..., ConvNN All Attn, ConvNN Random Attn, ConvN...
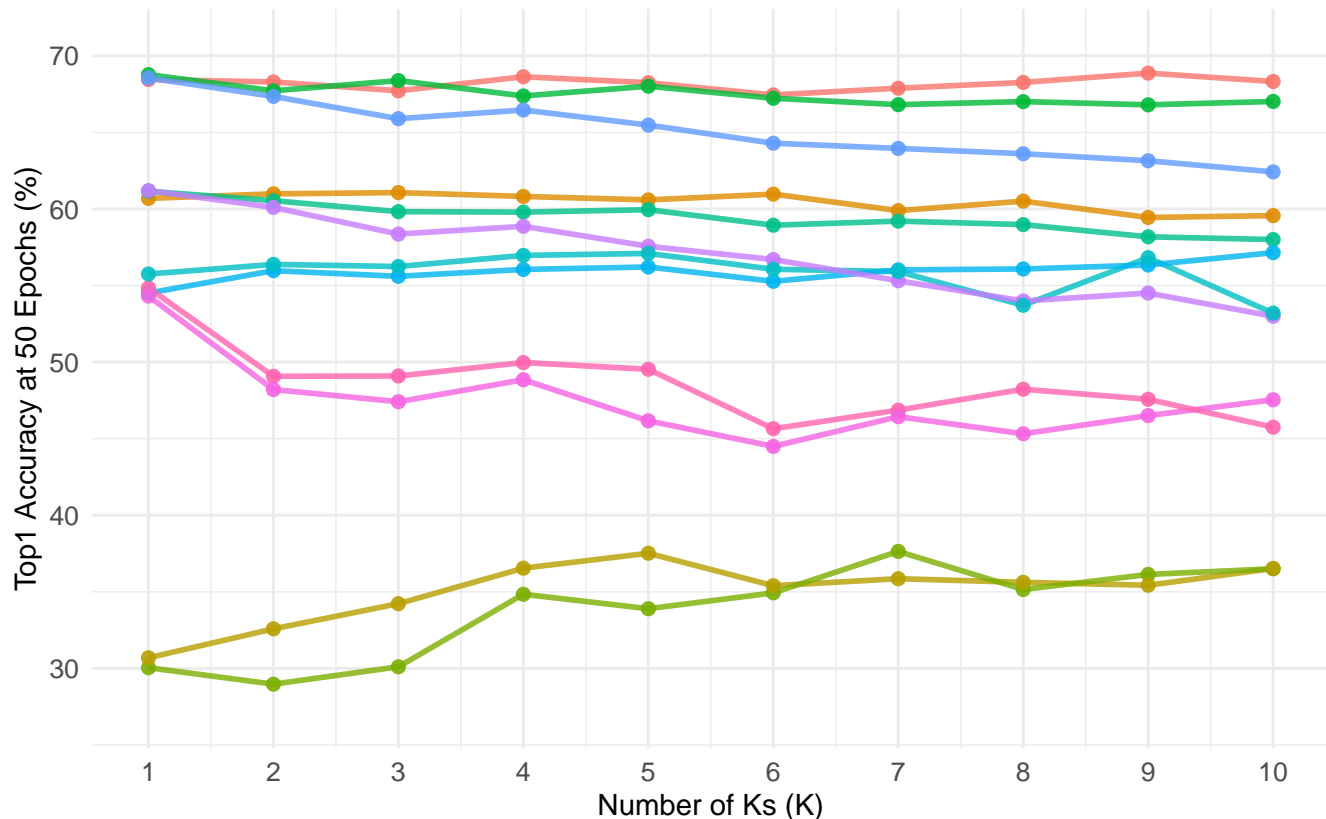
Model Performance at Epoch 50 vs Number of Ks

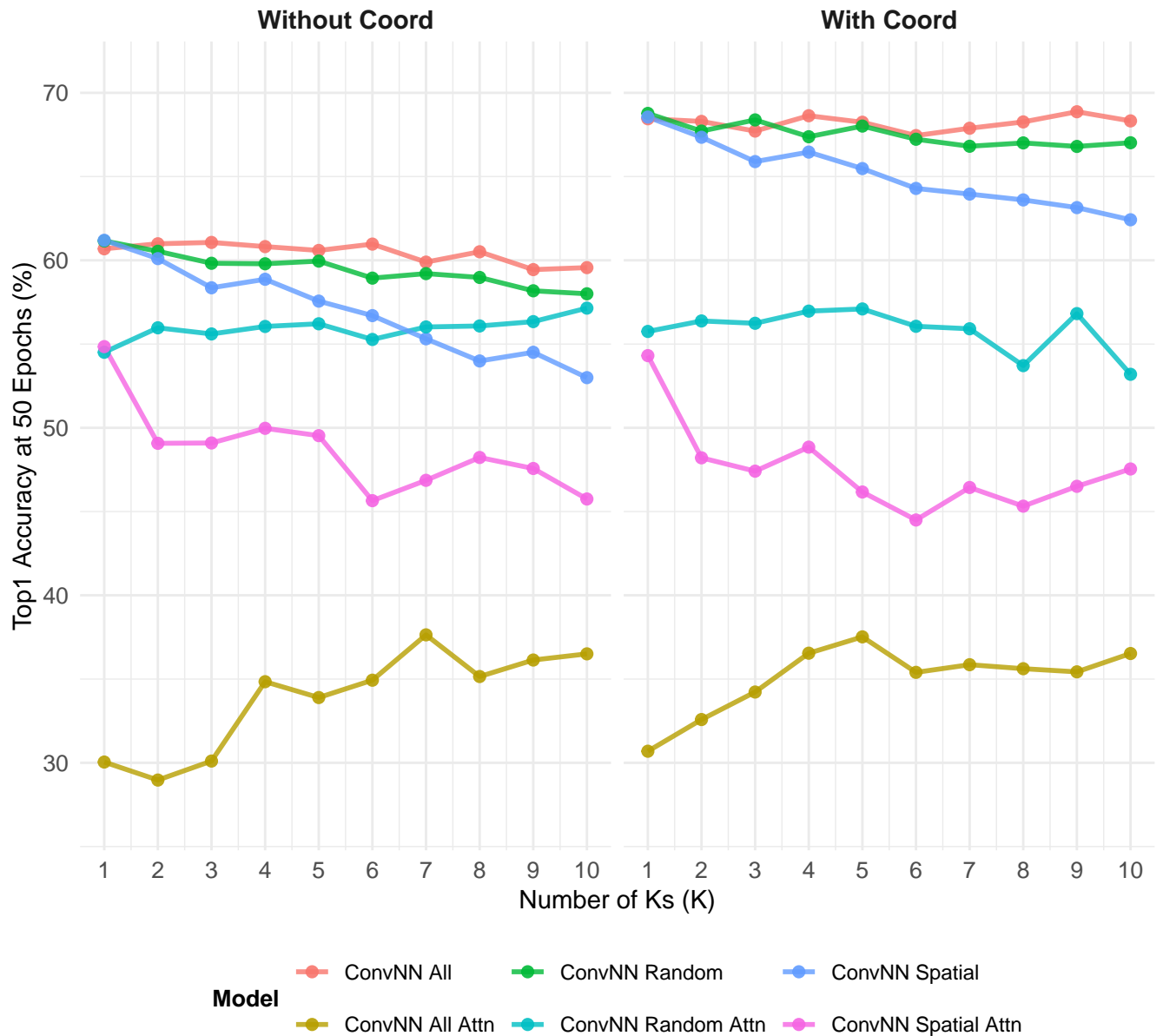Top1 Accuracy at 50 Epochs across different models and coordination settings

Model & Coordination

- ConvNN All (with coord)
- ConvNN All (without coord)
- ConvNN All Attn (with coord)
- ConvNN All Attn (without coord)
- ConvNN Random (with coord)
- ConvNN Random (without coord)
- ConvNN Random Attn (with coord)
- ConvNN Random Attn (without coord)
- ConvNN Spatial (with coord)
- ConvNN Spatial (without coord)
- ConvNN Spatial Attn (with coord)
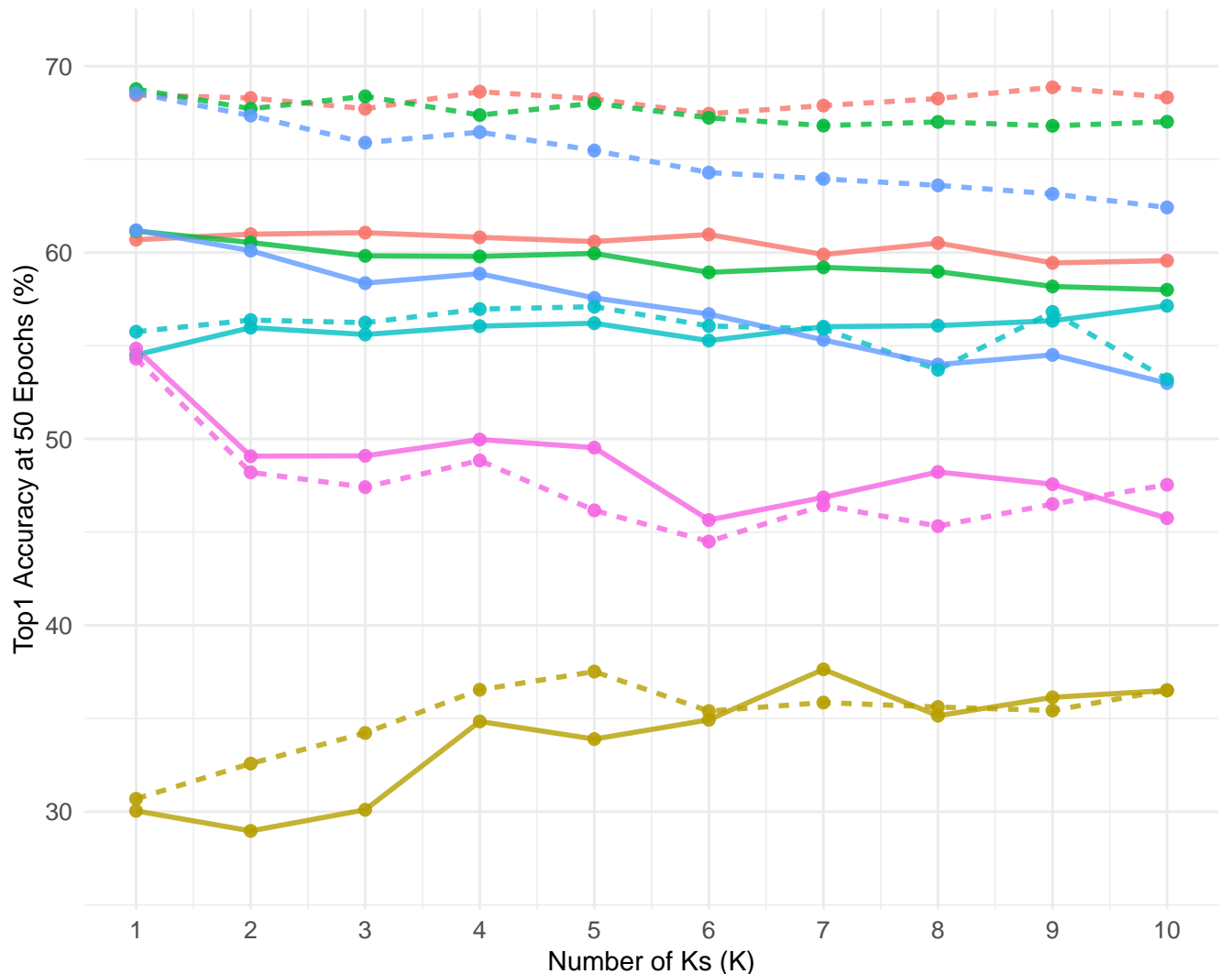- ConvNN Spatial Attn (without coord)

Model Performance at Epoch 50 vs Number of Ks (Faceted by Coordina

Top1 Accuracy at 50 Epochs comparison between with/without coordination

Model Performance at Epoch 50 vs Number of Ks

Top1 Accuracy at 50 Epochs with coordination shown by line type

Best Epoch Number vs Number of Ks

Epoch where best Top1 accuracy was achieved across different models and coordination
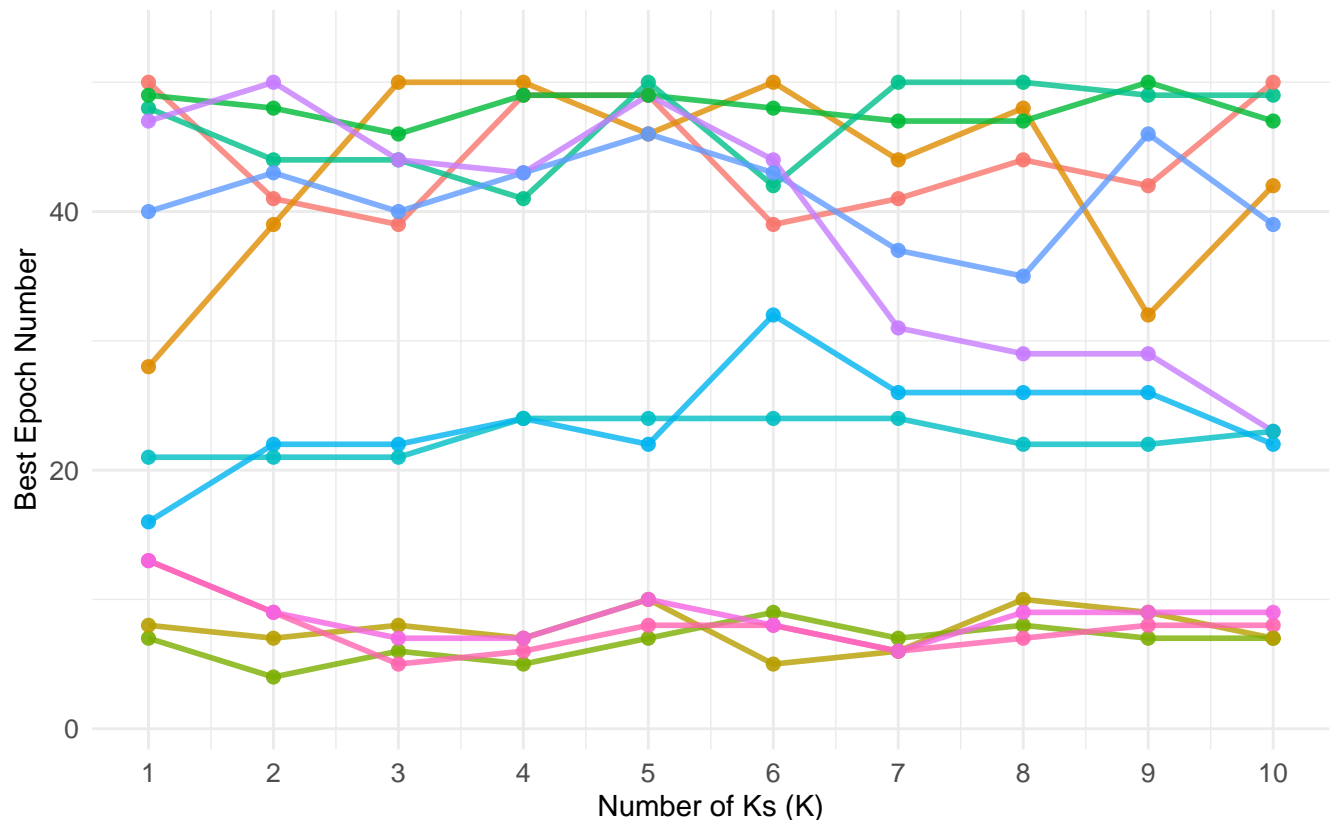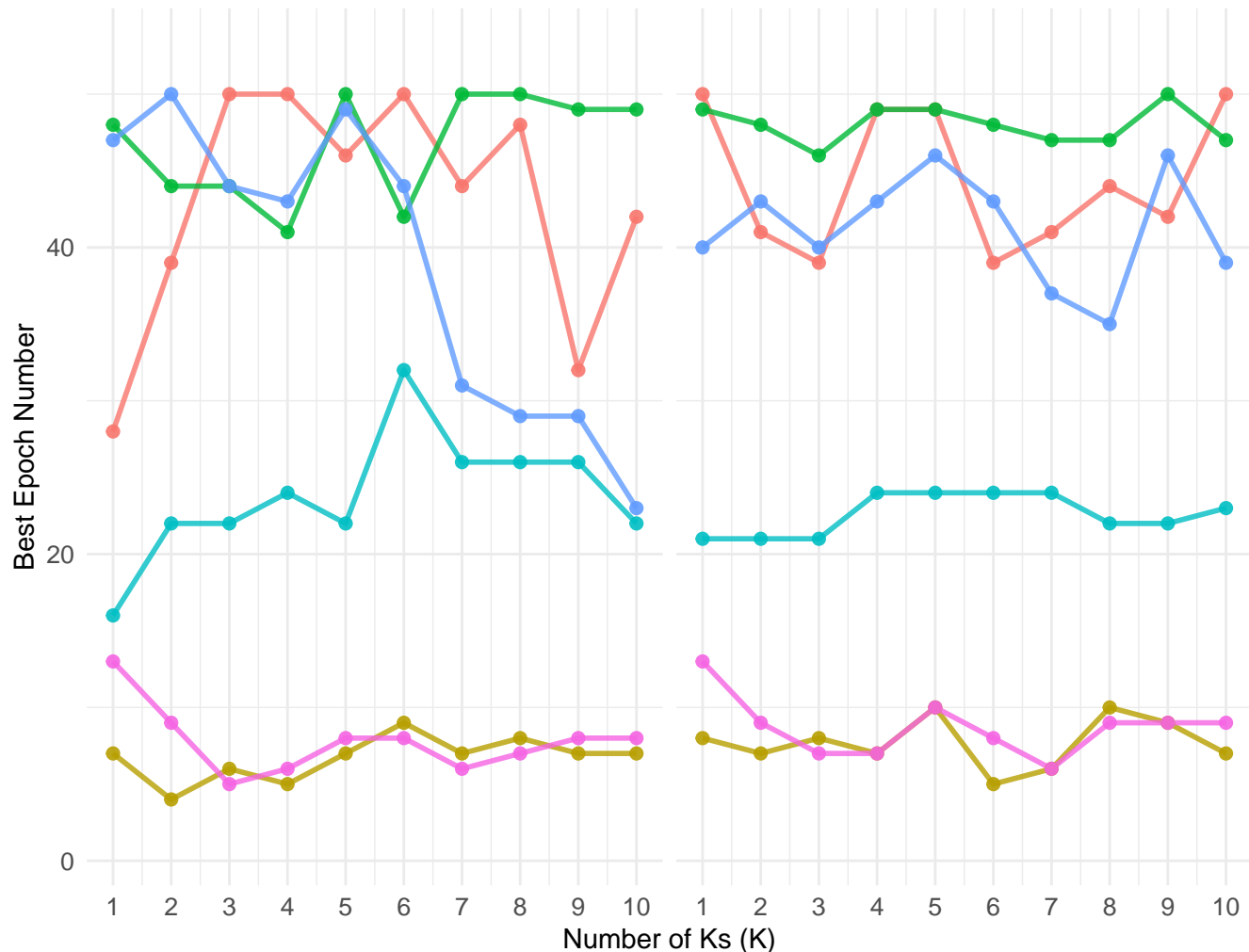
Model & Coordination

- ConvNN All (with coord)
- ConvNN All (without coord)
- ConvNN All Attn (with coord)
- ConvNN All Attn (without coord)
- ConvNN Random (with coord)
- ConvNN Random (without coord)
- ConvNN Random Attn (with coord)
- ConvNN Random Attn (without coord)
- ConvNN Spatial (with coord)
- ConvNN Spatial (without coord)
- ConvNN Spatial Attn (with coord)
- ConvNN Spatial Attn (without coord)

Best Epoch Number vs Number of Ks (Faceted by Coordination)

Epoch where best Top1 accuracy was achieved, comparison between with/without coord

Without Coord | **With Coord**

Best Epoch Number

Number of Ks (K)

Model

- ConvNN All
- ConvNN Random
- ConvNN Spatial
- ConvNN All Attn
- ConvNN Random Attn
- ConvNN Spatial Attn

Best Epoch Number vs Number of Ks

Epoch where best Top1 accuracy was achieved, coordination shown by line type

Best Epoch Number

Number of Ks (K)

Coordination — Without Coord - - With Coord

Model

ConvNN All   ConvNN Random   ConvN

ConvNN All Attn   ConvNN Random Attn   ConvN