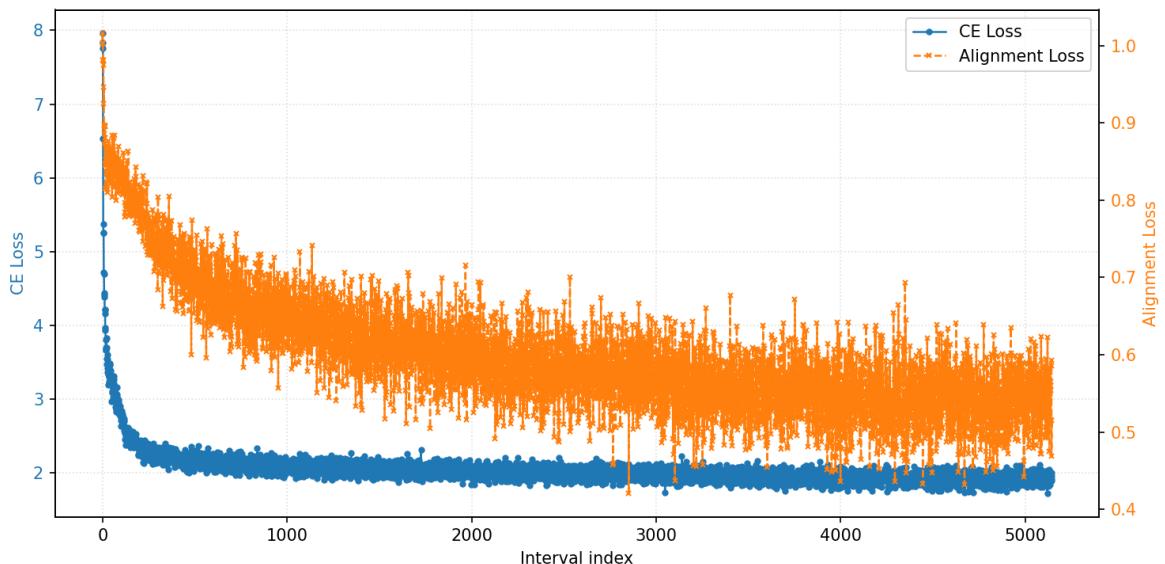


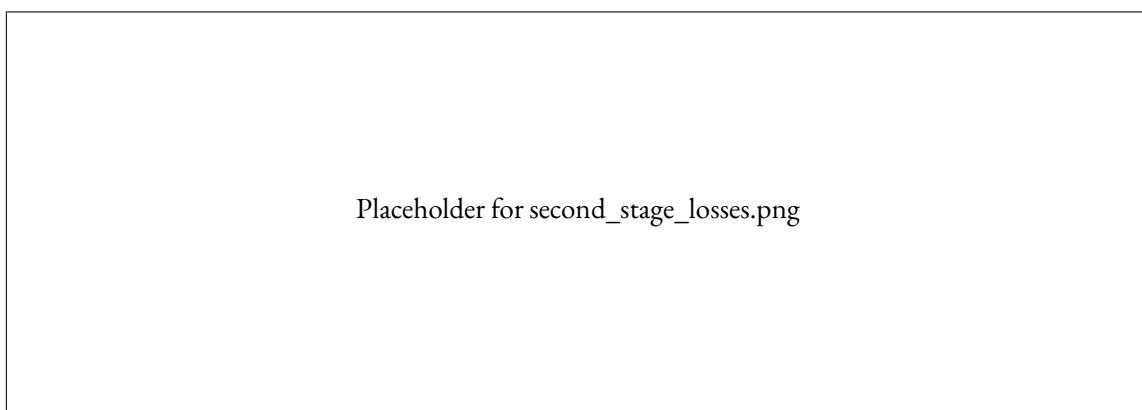
# LLaVA-v

**Table 1:** Training Losses

|              | CE Loss | Alignment Loss |
|--------------|---------|----------------|
| First Stage  | 2.046   | 0.514          |
| Second Stage |         | —              |



(a) First Stage Losses



(b) Second Stage Losses

**Figure 1:** Loss curves for the two stages.