6 combinations:

**Before Pandemic:**

* Chart, line chart

  Description automatically generatedChart, line chart

  Description automatically generatedStart Station + Start Date + weekdays
* Chart, line chart

  Description automatically generatedChart, line chart

  Description automatically generatedEnd Station + End Date + weekdays

**During Pandemic:**

* Chart, line chart

  Description automatically generatedChart, line chart

  Description automatically generatedStart Station + Start Date + weekdays
* End Station + End Date + weekdays

**Chart, line chart

Description automatically generatedChart, line chart

Description automatically generatedAfter** **Pandemic**:

* Chart, line chart

  Description automatically generatedChart, line chart

  Description automatically generatedChart, line chart

  Description automatically generatedStart Station + Start Date + weekdays
* Chart, line chart

  Description automatically generatedEnd Station + End Date + weekdays

**Thinking after comparing:**

Before the epidemic, it can be found that pc1 is higher than that during and after the epidemic, whether it is departing or arriving. In the epidemic, the departure and arrival pc1 and pc2 are the lowest, which means that during the epidemic, it is more random and cannot have strong regularity like before the epidemic. After the epidemic, pc1 increased slightly, but there was still randomness and did not reach the value before the epidemic. This shows that before the epidemic, most citizens used shared bicycles for the first ten minutes or the last ten minutes of commuting, usually two points and one line, so it was regular. During the epidemic, because other public transportation such as subways and buses are prohibited from being used, the purpose of citizens using shared bicycles may not only be the first ten minutes or the last ten minutes of commuting but the whole commute or other purposes.