The diagrams illustrate the modeled and measured data for a specific process, where the y-axis represents the flow rate (m³/s) and the x-axis represents the day of the year for the year 2017.

- **Modeled Qᵢₙ**
- **Measured moulin head**
- **Sim EMa (Qₕf = 0)**
- **Sim EMb (Qₕf = 2)**
- **Sim EMc (Qₕf = 0.5)**
- **Sim EMd (Qₕf = 0.5, Aₕf = 0.1)**
- **Sim EMe (Qₕf = 0.5, Aₕf = 0.1, 12h lag)**

The plots indicate the following:

**Diagram (a):**
- A horizontal line representing the modeled or measured data for a specific condition.
- Another line showing a trend or variation over time.

**Diagram (b):**
- Multiple lines depicting the flow rate variation over time, with different conditions and parameters.

**Diagram (c):**
- Additional variations in flow rate over time, with specific conditions indicated.

The diagrams provide a visual representation of the modeled and measured data, allowing for a comparison and analysis of the different scenarios and conditions.