

Calculating Adherence in the Presence of Variable Follow-up



SITUATION

- A small-size pharmaceutical company was interested in using real-world evidence to **compare adherence** between two formulations of an oral oncology treatment for Multiple Myeloma (MM)
- The company was planning a **relaunch for the higher dosage** formulation of the oral oncology treatment



APPROACH

- Magnolia Market Access determined **using the medication possession ratio for flexible time-period (MPRF)** was the best measure of **adherence** given the variable treatment cycles and lines of therapy
- MPRF is calculated as the total day's supply to the days between the last day of the fill and first day of the first fill
- MPRF is a continuous measure ranging from 0% to 100%



OUTCOME

- Results from the analysis were used in a **conference abstract** and a **peer-reviewed manuscript submission**

