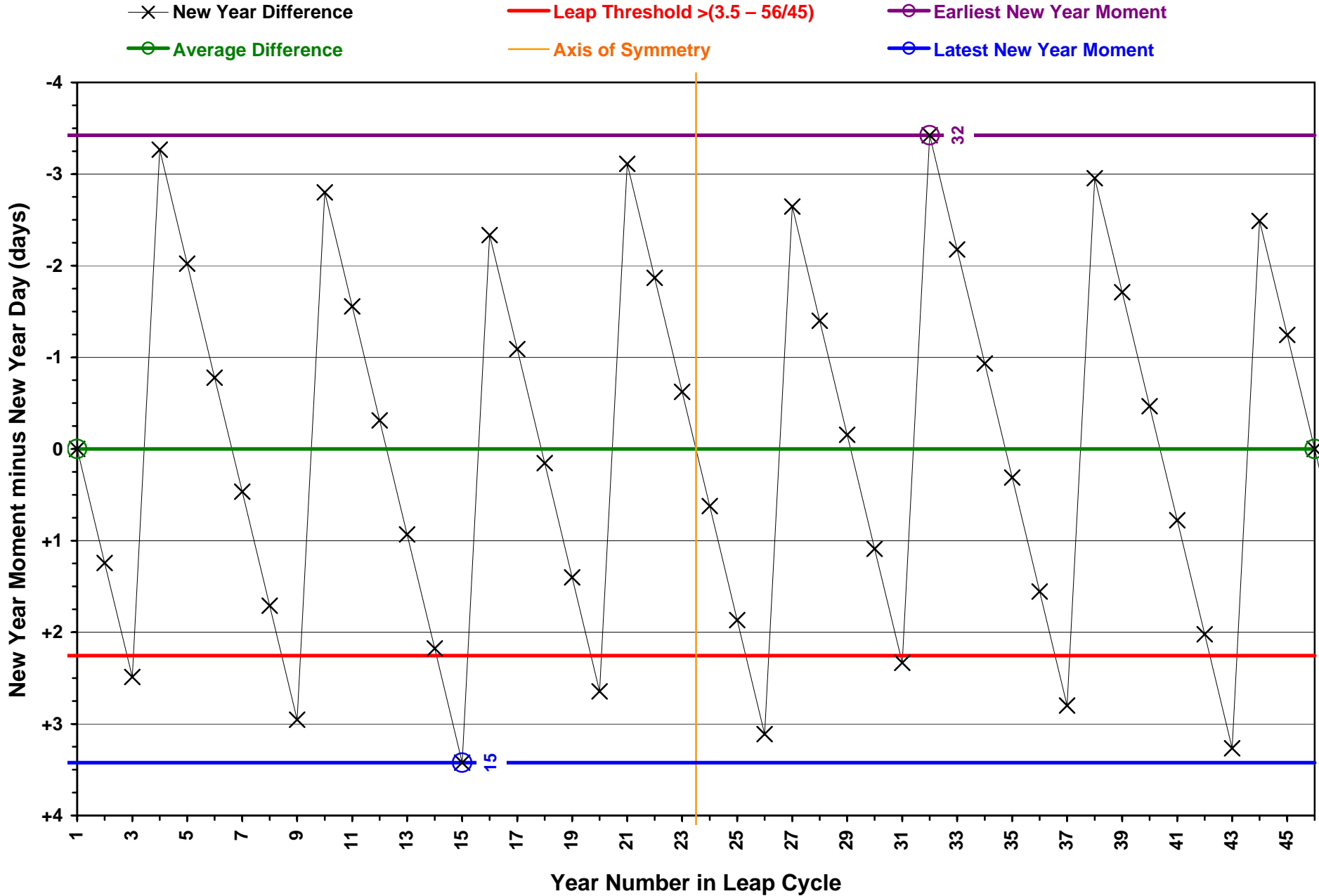


New Year Moment Variations for Symmetrical Leap Week Cycle

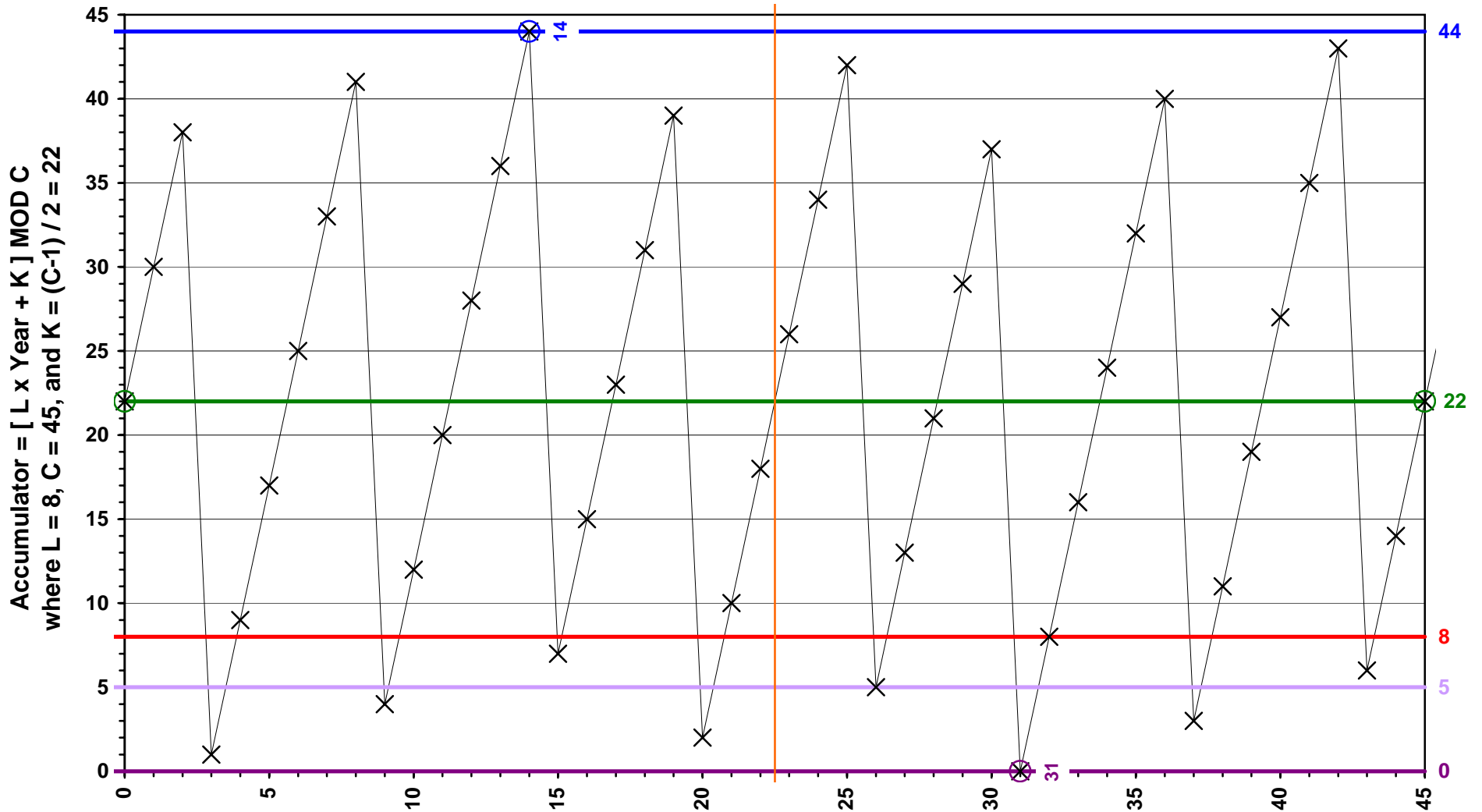
8 symmetrically distributed leap years in 45 years, mean year = $365 + \frac{11}{45} = 365.2444\dots$ days = 365d 5h 52m



Accumulator Variations for Symmetrical Leap Week Cycle

8 symmetrically distributed leap years in 45 years, mean year = $365 + \frac{11}{45} = 365.2444\dots$ days = 365d 5h 52m

- ✕ Accumulator
- Maximum Accumulator = C-1
- Minimum Accumulator = 0
- Average Accumulator = (C-1) / 2
- Leap Threshold (<8)
- 6-year inter-leap intervals = 5
- Axis of Symmetry



Year Number in Leap Cycle: **It is a leap year only if Accumulator < 8.**
 If Accumulator < 5 then next leap 6 years later, otherwise 5 years later.