Colligan's Pax Leap Week Cycle Jitter
Append leap week if not year 400 of 400-year cycle and year in century is 0 or 99 or is divisible by 6.

Jitter vs. Mean Year

Jitter range = 18.2875 = 18 + 23/80 days

Year (mean year of 365.247/400 days = 365d 5h 49m 12s = 365.2425 days, almost 12 seconds longer than mean northward equinoctial year)
Colligan's Pax Leap Week Cycle Jitter

Append leap week if not year 400 of 400-year cycle and year in century is 0 or 99 or is divisible by 6.

Jitter vs. Gregorian

Jitter range = 19 days

Year (mean year of $365\frac{97}{400}$ days = 365d 5h 49m 12s = 365.2425 days, almost 12 seconds longer than mean northward equinoctial year)