Visualizing current scoring and the difference due to proposal 2017_8.1.5 (2016_8.1.4_v1)
Competitor's Score for the Day

\[
\text{Score} = \text{Points} \times \text{Factors}
\]

\[
\sum \text{Distance} \cdot \text{Speed}
\]

\[
\prod \text{Competition Day Factor} \cdot \text{Completion Ratio (prop.)}
\]

For the day winner:
Maximum Day Score
Winner's Score for the Day

Score = Max_Day_Score × Factors

Competition Day
Day Factor
Completion Ratio (prop.)
Max_Day_Score

Affected by - max. achieved distance
             - shortest achieved time

Max. 1000 points
Max_Day_Score

Affected by
- max. achieved distance
- shortest achieved time

Max. 1000 points
Winner's Score for the Day

Score = Max_Day_Score \times Factors
Factors: currently

- Competition Day
- Day Factor

Max. 1

n1 : # pilots who achieved $\geq 100$ km
N : # pilots who launched
Factors: currently

- Competition Day
- Day Factor

Max. 1

n1 : # pilots who achieved $\geq 100$ km
N : # pilots who launched
Winner's Score for the Day: currently

Score = Max_Day_Score × Factors
Winner's Score for the Day: proposal

Score = Max_Day_Score × Factors

Devaluation for low Completion Ratio
Winner's Score for the Day: proposal

Score = Max_Day_Score \times \text{Factors}

Utilizing existing scoring variables:

- \( n_1 \) : # pilots who achieved \( \geq 100 \text{ km} \)
- \( n_2 \) : # pilots with speed > \( \frac{2}{3} \text{ Vo} \)

Devaluation for low Completion Ratio
Winner's Score for the Day: proposal

Score = Max_Day_Score \times Factors

n1 : # pilots who achieved ≥ 100 km
n2 : # pilots with speed > 2/3 Vo
Winner's Score for the Day: proposal

\[ \text{Score} = \text{Max\_Day\_Score} \times \text{Factors} \]
Winner's Score for the Day: \textit{effect of the proposal}

\[
\text{Score} = \text{Max}_\text{Day}_\text{Score} \times \text{Factors}
\]
Winner's Score for the Day: effect of the proposal

Score = Max_Day_Score × Factors
**Winner's Score for the Day:** effect of the proposal

\[
\text{Score} = \text{Max\_Day\_Score} \times \text{Factors}
\]
Competitor's Score for the Day

Score = Points × Factors

\[ \prod \quad \text{Competition Day} \]
\[ \text{Day Factor} \]
\[ \text{Completion Ratio (prop.)} \]
Competitor's Score for the Day

Score = (\%Speed\_Points + \%Distance\_Points) \times \text{Max\_Day\_Score} \times \text{Factors}

Utilizing existing variables!