Predefined Variables:
1. Average time in wind speed = e.g. 15 minutes
2. Threshold average wind speed = e.g. 30 km/h
3. Threshold maximum wind speed = e.g. 50 km/h
4. Delay on reactivation = e.g. 90 min
5. Delay on release = e.g. 10 min
6. Popping time = e.g. 1 second or a short time to check

Factors to reduce oscillation:
1. Intermediate position steps = e.g. 4
2. Threshold minimum wind speed = e.g. 3 km/h

Example for the North window, (E, S, and W likewise):
- maybe wind direction could affect average...
Open window angle by wind direction \( = 100\% - \text{ABS} (\text{wind direction} - 180^\circ) \times \frac{30}{5} \)

Open window angle by wind force \( = 100\% \times \frac{\text{average wind speed}}{\text{maximum average wind speed}} \) e.g. \( \frac{80 \text{ km/h}}{30 \text{ km/h}} = 66.66\% \)

Gradual opening percentage = opening percentage by wind direction \times opening percentage by wind force = 51.85\%

Intermediate position percentage = \( \frac{100\%}{4} = 25\% \)

Opening percentage = \( \text{INT} \left( \frac{\text{Gradual opening percentage}}{\text{Intermediate position percentage}} \right) \times \text{Intermediate position percentage} \)

= \( \frac{51.85\%}{25} \times 25 = 51.8\% \)

Open the window opening percentage

Continue driving