



CerebroVascular Event Risk Calculator

Estimating the risk of stroke and transient ischemic attack after transcatheter aortic valve replacement

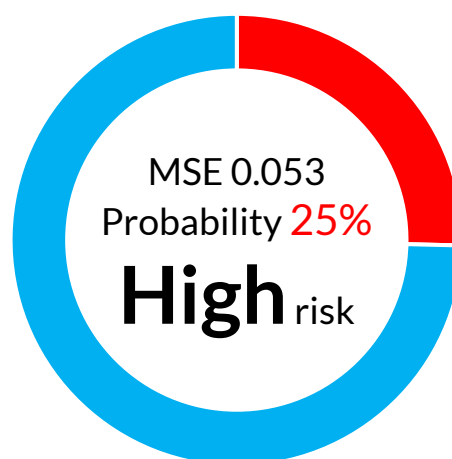
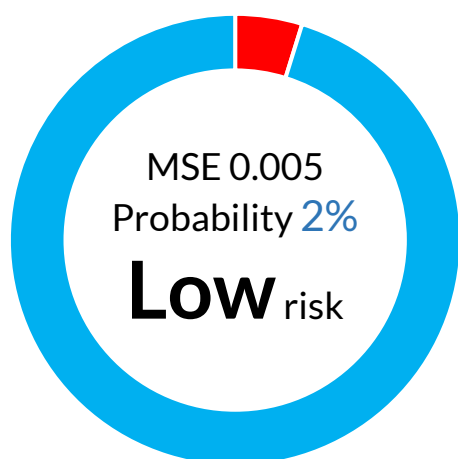


Prediction

CerebroVascular Event Risk Calculator (CVERC) allows transcatheter aortic valve replacement (TAVR) practicing physicians to estimate the risk of cerebrovascular events (CVE) including stroke and transient ischemic attack.

Using the cut-off of mean squared error (MSE) 0.01 the risk can be interpreted as:

- **Low:** low probability of CVE occurrence
- **High:** high probability of CVE occurrence



CVERC: the new option?

CVERC is a decision support software for all TAVR practicing physicians.

CVERC predicts 4 out of 5 TAVR-related cerebrovascular events and is **scientifically validated** (Okuno, Overtchouk et al, Scientific Reports 2021).

Find the calculator and the scientific articles on the website:

welcome.alviss.ai/cverc

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