PhD week 11-Weekly summary

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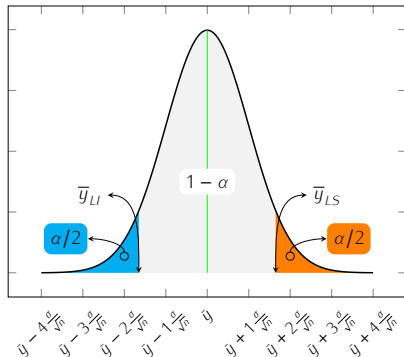Supervisor: Dr Truong Le; Prof. Lidija Zdravkovic

90% confidence interval

Figure 1: Confidence interval

For example, calculating 90% and 60% confidence interval:

- $y_{0.05} = \mu - 1.645 \times \delta$; $y_{0.95} = \mu + 1.645 \times \delta$

- $y_{0.2} = \mu - 0.8416 \times \delta$; $y_{0.8} = \mu + 0.8416 \times \delta$
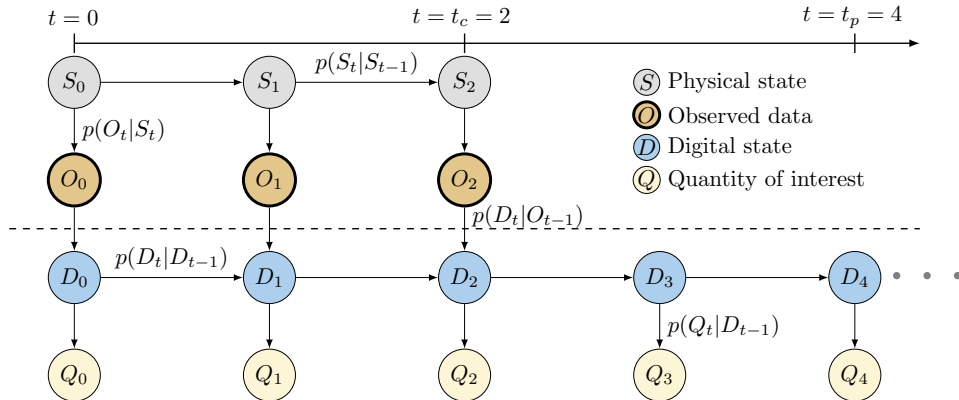
Draw the digital twin picture

Figure 2: Digital Twin

Error band for beam deflection
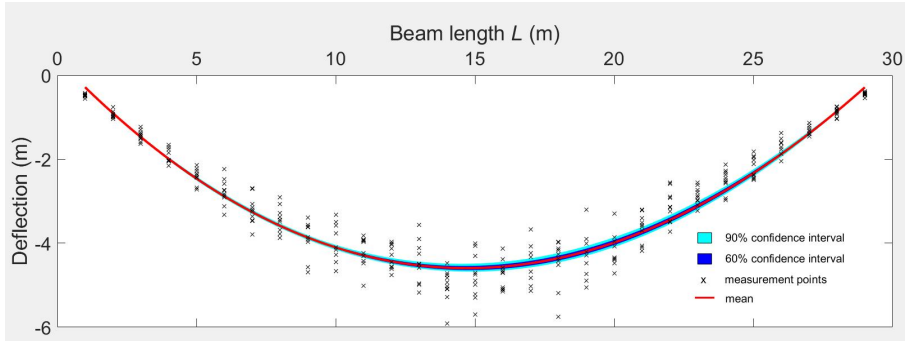

Figure 3: Predictive deflection

Write abstract of ESA

https://github.com/ningxin999/ESA