

Review of: "An Approach to Robust Fatigue Life Prediction to Be Used in Early Design Stages"

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Potential competing interests: No potential competing interests to declare.

Paper is well written. Even though examples from the aero industry were used, it was clear and simple to follow. The question is perhaps if this design approach can be used in other material design fields such as asphalt premix or concrete material designs to address fatigue similarly. Experience shows that there is less of a normal distribution and that a log-normal distribution of noise would be more applicable. Even though the log-normal was tested here in the examples, the scenario of higher variability into a log-normal distribution may have been good to consider, as the maxim goes, a material does not fail on average, but on the extremes of the log-normal distributions.