

Good morning, everyone.

Next I'll present the risk analysis of the Dante AV project

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First, let's look at the qualitative risk analysis.

We've identified several key risks,

他们可能是影响两个方案的共有风险，也有对于不同决策方案的对应挑战。

Which could represent common risks, as well as specific challenges corresponding to each alternatives.

我们分别对每个风险进行了评估，给出了 Risk Type Probability Impact，并映射得到矩阵图

We evaluated and provided the Risk Type, Probability, and Impact for every risk, mapping into a matrix chart.

例如，我们可以清晰地看出，在共有风险中，经济波动发生概率较低，但对收入的影响很大。

For example, we can clearly see that among the common risks, economic fluctuation has a low probability of occurrence, but it has a significant impact on revenue.

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Next, let's dive into the sensitivity analysis、

在分析过程中我们一共选取了 10 个变量，

In the analysis, we selected a total of 10 variables.

For Alternative A, we found that

So that

In contrast, for Alternative B,

Which means

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Finally, we performed a Monte Carlo simulation to assess the range of possible outcomes for the project.

In this simulation, we tested the impact of key variables like capital investment, operating costs, and net income.

The results show that Alternative A has a wider range of outcomes, with a higher expected NPV, but also a higher standard deviation, indicating more volatility.

while Alternative B provides a more stable NPV with lower risk, making it a safer choice for financial stability.

In conclusion, Alternative A offers higher returns but comes with greater risks, while Alternative B is more stable but offers more modest growth.

The analysis can help us make more informed decisions.