

# Response analysis with wafermap using JSL

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#### Response analysis with wafermap using JSL

- Introduction
- Prediction using Gaussian process
- Interactive UI & Visualization
- Advantages of this Tool







# Introduction



- Between each process, <u>Have to check results if they are within specified range.</u>
- Difficulty predicting when not enough points are taken





# Prediction using Gaussian process





Highly measured part  $\rightarrow$  Contour plot (JMP)

Less measured part → Gaussian Process (JMP)





#### Interactive UI & Visualization





# Interactive UI & Visualization

- Change the angle & level of color

- 회전
반시계방향: 40 ° 🕨 与
- Legend
Set Min: 500 Set level: 15
Set Max: 520 🕟 🕤











### Advantages of this Tool

- Fast, consistent analysis and prediction
- Interactive & User friendly window
- Handling data visually
- Provide statistical data



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# Thank you

	jmp.	
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