# Our Journey From Excel to JMP Automations

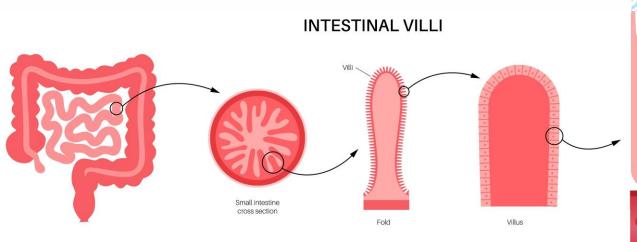
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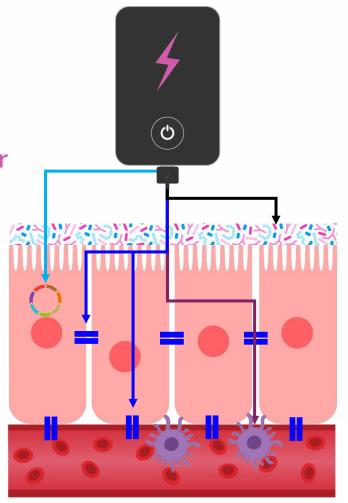




#### Power bank for the gut!

- Isotonic protein drink
- Administered to newborn piglets
- Hydration and key nutrients for gut cells
- Pigs survive better, grow faster and are healthier



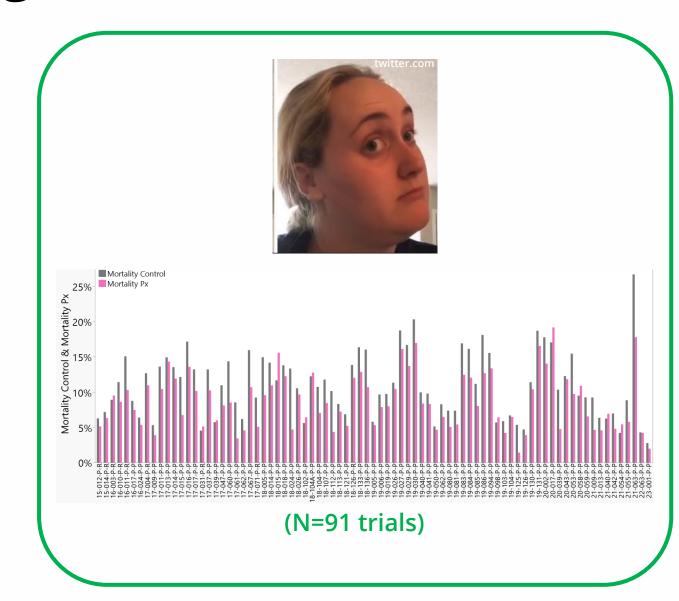


- ✓ Microbiome
- ✓ Cellular metabolism
- ✓ Cellular junctions
- ✓ Immune components

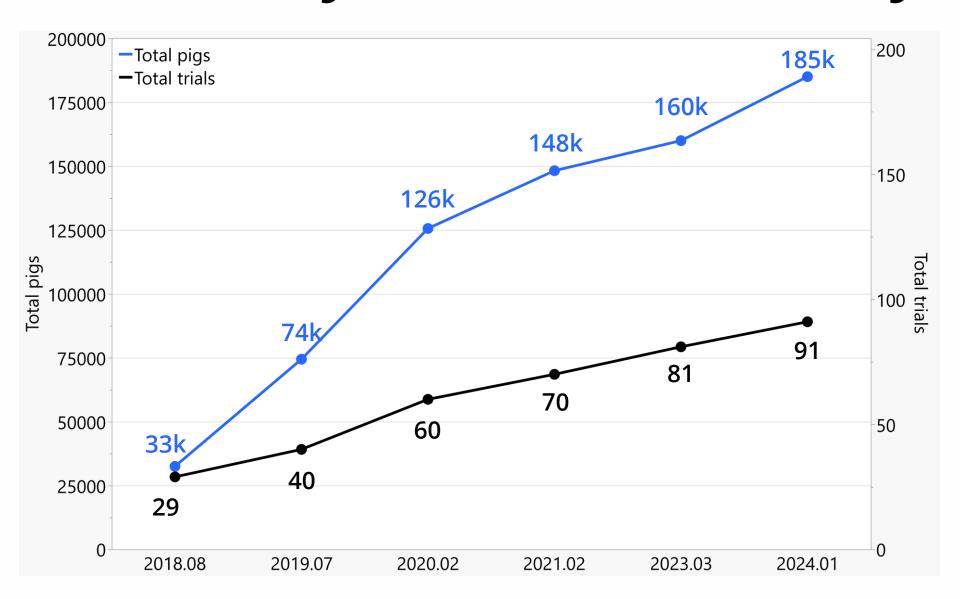
Main effect = improved piglet survival, reduced pre-weaning mortality (PWM)

#### ...The Power of Aggregated Data

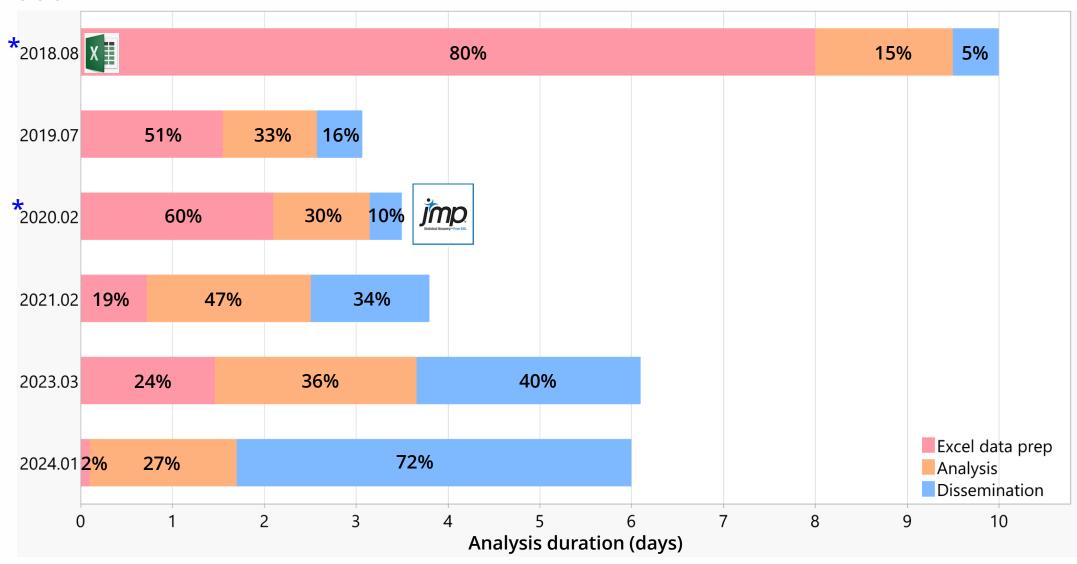




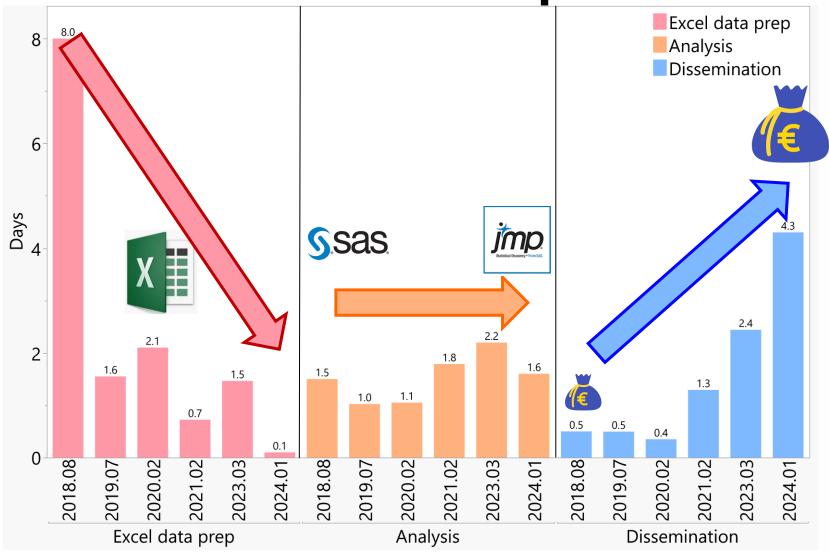
### Our Mortality (PWM) Data Analyses...



#### ... Effort and Time Allocation



Value Added Steps



~4-6 fewer analysis days =

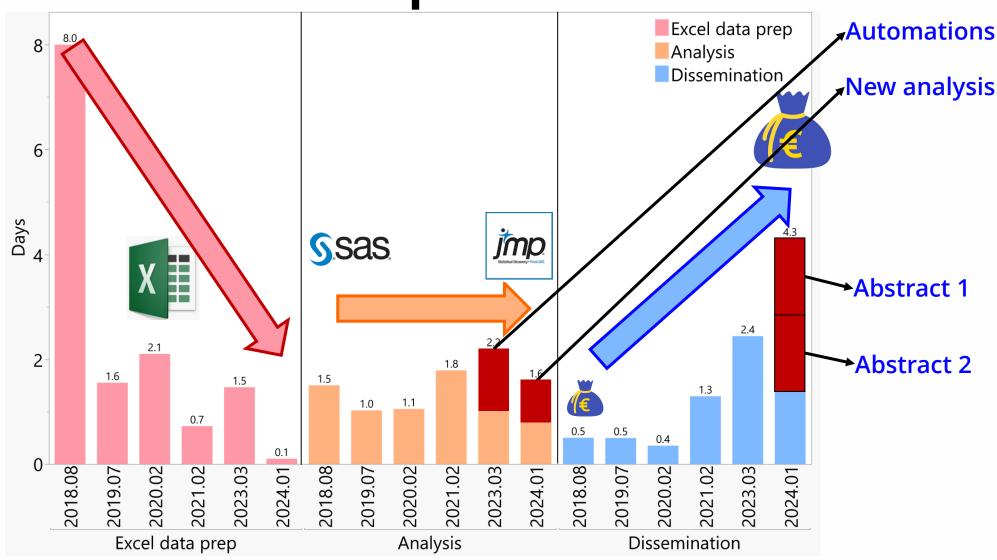
€3-5k

>50% less data

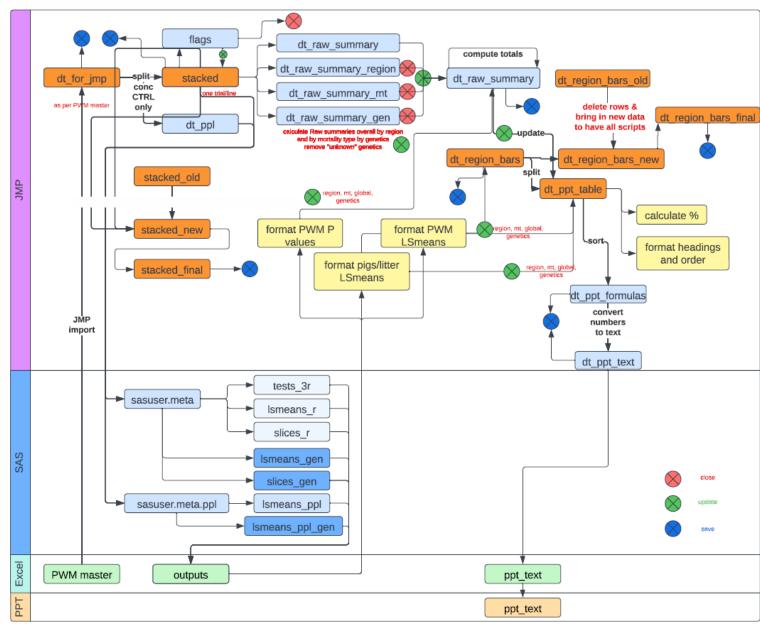
manipulation
Fewer errors

Focus on value-added steps – dissemination and automations

Value Added Steps



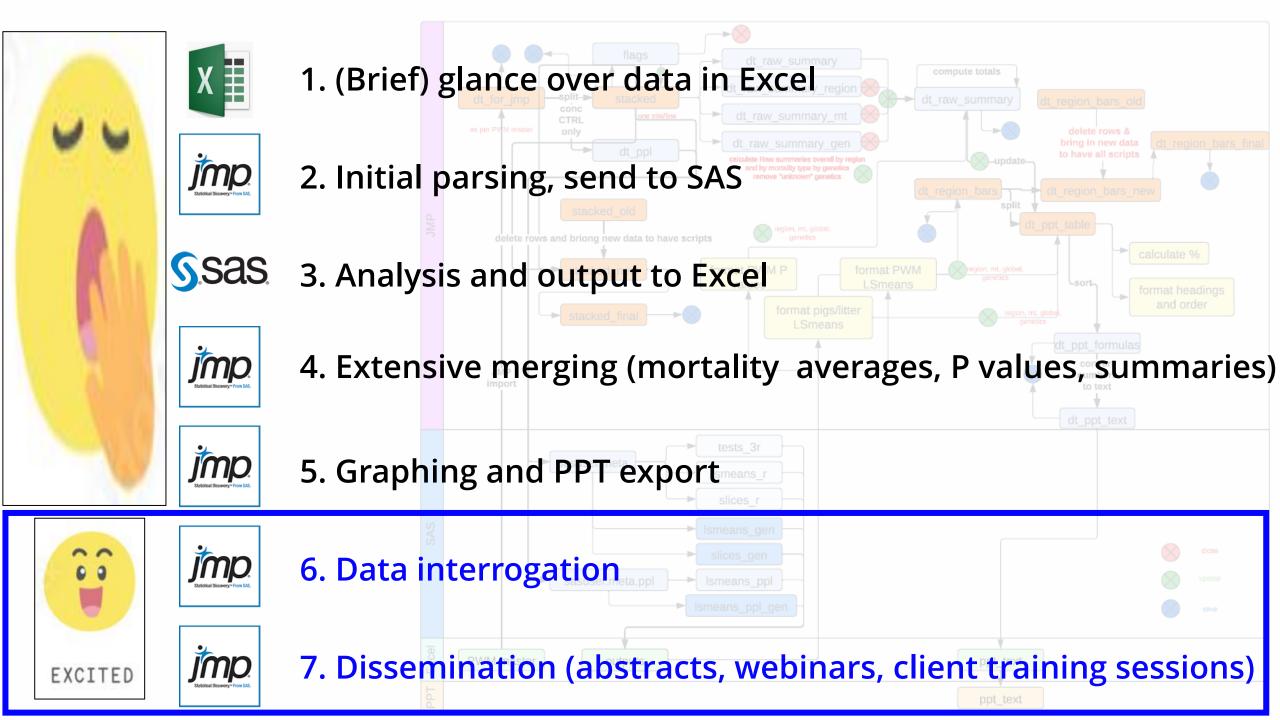
Data Analysis Process



#### By 5 regions **Data Analysis Process** By 2 administration protocols By 4 genetic lines Master table 13 table components automated Consistent PWM Reduction Regardless of Best opportunities for Tonisity Px Tonisity Px Reduces PWM by 21% Globally Regular graphs Value-added graphs

Allows us to focus on data interpretation

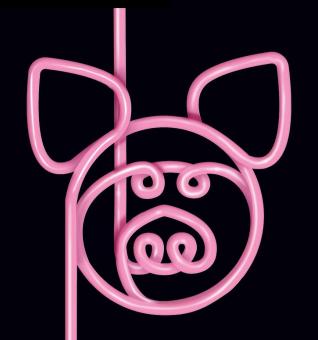
Overall





#### What JMP Means to Us

- Less data manipulation JMP licence pays for itself
- Less human error
- Focus on value-added steps (abstracts, webinars, client training sessions)
- Allows for discovery of corners in the data and troubleshooting
- All of this without any previous JMP scripting experience



## Thank you! Questions?

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Tonisity
Oink. Sip. Love.