



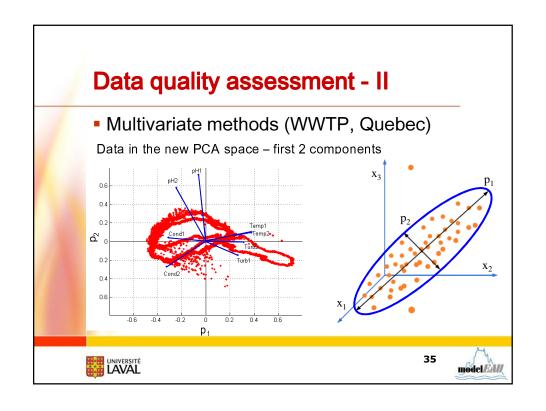
- Multivariate methods (WWTP, Quebec)
 - Dataset with 8 variables (redundant, 1 w/ air clean)
 - $\bullet \quad \mathsf{pH}_1,\,\mathsf{pH}_2,\,\mathsf{Cond}_1,\,\mathsf{Cond}_2,\,\mathsf{Turb}_1,\,\mathsf{Turb}_2,\,\mathsf{Temp}_1,\,\mathsf{Temp}_2$
 - Training: 3-day of <u>normal</u> data to build the model

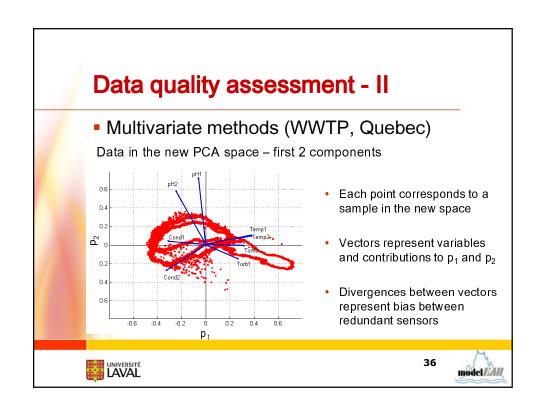


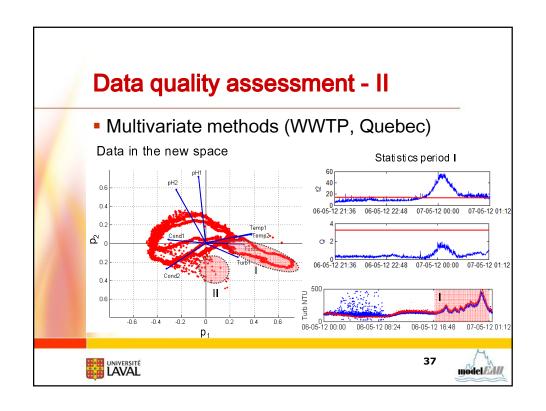


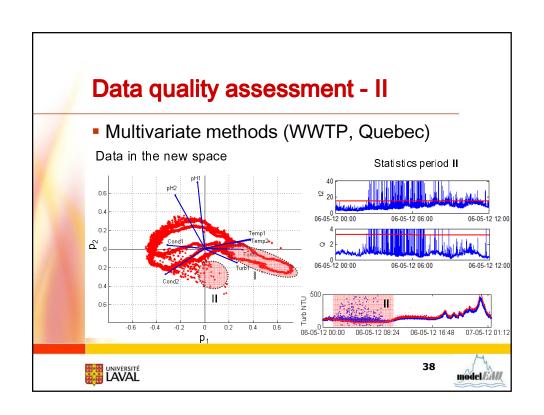
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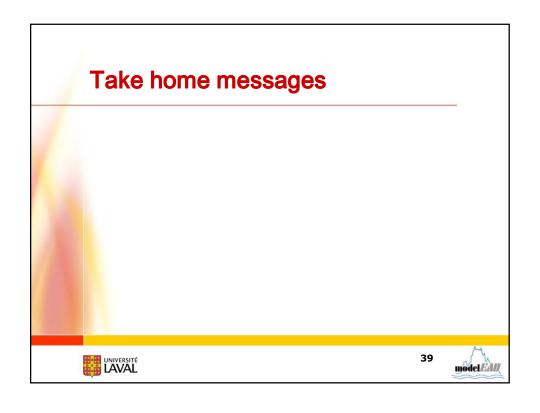


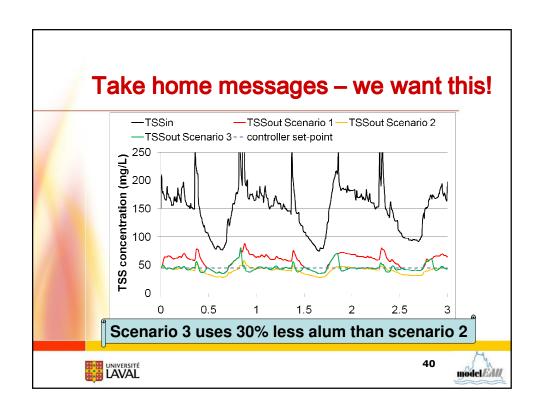














Take home messages

- Our set of water quality sensors is growing
- Our set of things we can do with them too
- We have more of them
- We can use them better





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