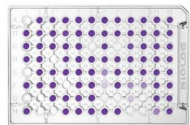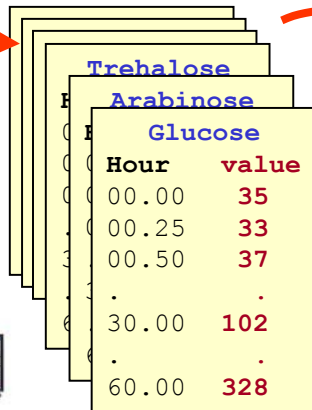**Proprietary OmniLog ® software:**
Raw kinetic data recording, export as CSV
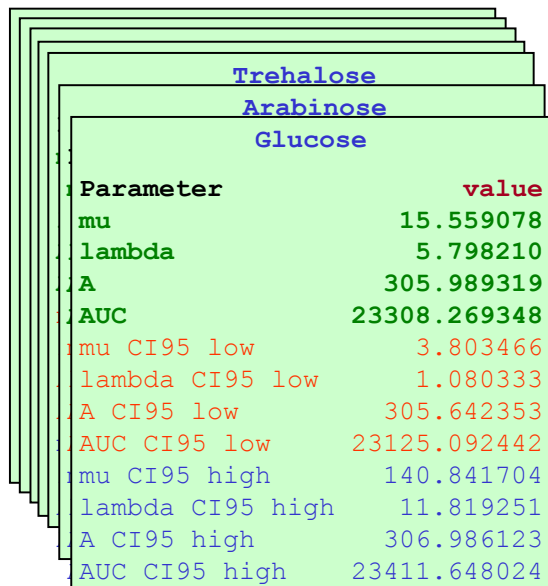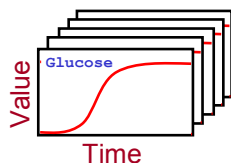
opm software:
Data exploration, management, aggregation, discretization, incorporation of metadata
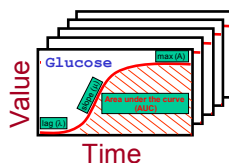
Trehalose
Arabinose
Glucose

Hour	value
00.00	35
00.25	33
00.50	37
.	.
30.00	102
.	.
60.00	328

single
96-well plate

set of 96
raw kinetics

Trehalose
Arabinose
Glucose

Parameter	value
mu	15.559078
lambda	5.798210
A	305.989319
AUC	23308.269348
mu CI95 low	3.803466
lambda CI95 low	1.080333
A CI95 low	305.642353
AUC CI95 low	23125.092442
mu CI95 high	140.841704
lambda CI95 high	11.819251
A CI95 high	306.986123
AUC CI95 high	23411.648024

96 sets of aggregated and discretized data
including 95% confidence limits

Metadata

Genus	*Bacillus*
species	*subtilis*
strain	0815
.	
habitat	soil
sampling place	GPS coord.
sampling date	2011-06-15
sampling season	summer
habitat [°C]	27
.	
sporulation	yes
flagellar motility	yes
natural transformation	no
.	
PCR (gene *xyz*)	positive
.	
... as much/what you wish...	

Amount of user-defined metadata
is only limited by computer
memory