

Add one video...

Check consistency

Toggle Edit Table

Delete videos...

1. Process videos...

2. Compute measures...

3. Display results...

Quit

author		date		gene		trial		age		segmented		measured		experiment		class	
All (1 values) Nemo		All (12 values) Aug 2010 Dec 2011 Dec 23 2009 Dec 8 2009 Feb 2011 Jan 2012 Jul 2010 Mar 2011 May 2010		All (4 values) bad agers good agers ill coordinated wild type		All (7 values) 1 2 3 4 5 6 7		All (10 values) 10 11 13 15 18 20 22 4 6		All (1 values) 0		All (1 values) 1		All (5 values) Aging wild type Coordination Very Old Age aging mutants classes of wild type		All (3 values) All animals Best swimmers Worst swimmers	
	name	author	date	gene	trial	age	set	note	directory	images	duration	frames_per_second	mm_per_pixel	well	segmented	worms	meas
1	Nemo-Aging...	Nemo	Nov 2009	wild type	6	11 028		Best swimmers	missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
2	Nemo-Aging...	Nemo	Nov 2009	wild type	6	11 029		Best swimmers	missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
3	Nemo-Aging...	Nemo	Nov 2009	wild type	6	11 030		Best swimmers	missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
4	Nemo-Aging...	Nemo	Nov 2009	wild type	6	11 031		Best swimmers	missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>
5	Nemo-Aging...	Nemo	Nov 2009	wild type	6	11 032		Best swimmers	missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
6	Nemo-Aging...	Nemo	Nov 2009	wild type	6	11 033		Best swimmers	missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
7	Nemo-Aging...	Nemo	Nov 2009	wild type	6	13 034		Best swimmers	missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
8	Nemo-Aging...	Nemo	Nov 2009	wild type	6	13 035		Best swimmers	missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
9	Nemo-Aging...	Nemo	Nov 2009	wild type	6	13 036		Best swimmers	missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
10	Nemo-Aging...	Nemo	Nov 2009	wild type	6	13 037		Best swimmers	missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
11	Nemo-Aging...	Nemo	Nov 2009	wild type	6	13 038		Best swimmers	missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
12	Nemo-Aging...	Nemo	Nov 2009	wild type	6	13 039		Best swimmers	missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
13	Nemo-Aging...	Nemo	Nov 2009	wild type	6	8 022		Best swimmers	missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
14	Nemo-Aging...	Nemo	Nov 2009	wild type	6	8 023		Best swimmers	missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
15	Nemo-Aging...	Nemo	Nov 2009	wild type	6	8 024		Best swimmers	missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
16	Nemo-Aging...	Nemo	Nov 2009	wild type	6	8 025		Best swimmers	missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
17	Nemo-Aging...	Nemo	Nov 2009	wild type	6	8 026		Best swimmers	missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
18	Nemo-Aging...	Nemo	Nov 2009	wild type	6	8 027		Best swimmers	missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
19	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 036			missing video	0	29.9500	18.1636	0.0202	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
20	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 037			missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
21	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 038			missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
22	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 039			missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
23	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 040			missing video	0	29.9500	18.1636	0.0202	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
24	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 041			missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
25	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 042			missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
26	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 043			missing video	0	29.9500	18.1636	0.0202	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
27	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 044			missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
28	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 045			missing video	0	29.9500	18.1636	0.0202	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	<input checked="" type="checkbox"/>
29	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 046			missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>
30	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 047			missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
31	Nemo-Aging...	Nemo	Nov 2009	wild type	1	11 048			missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>
32	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 049			missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>
33	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 050			missing video	0	29.9500	18.1636	0.0202	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>
34	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 051			missing video	0	29.9500	18.1636	0.0199	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	<input checked="" type="checkbox"/>
35	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 052			missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>
36	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 053			missing video	0	29.9500	18.1636	0.0199	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
37	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 054			missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
38	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 055			missing video	0	29.9500	18.1636	0.0199	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>
39	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 056			missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
40	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 057			missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
41	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 058			missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	<input checked="" type="checkbox"/>
42	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 059			missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
43	Nemo-Aging...	Nemo	Nov 2009	wild type	1	13 060			missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
44	Nemo-Aging...	Nemo	Nov 2009	wild type	1	15 061			missing video	0	29.9500	18.1636	0.0201	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>
45	Nemo-Aging...	Nemo	Nov 2009	wild type	1	15 062			missing video	0	29.9500	18.1636	0.0200	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
46	Nemo-Aging...	Nemo	Nov 2009	wild type	1	15 063			missing video	0	29.9500	18.1636	0.0202	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>

Since the video files are too large for distribution, the first two functions are disabled on this demonstration.

See the other demonstration for details on those functions. For this demonstration, start with the Display function.





author	date	gene	trial	age	segmented	measured	experiment	class
All (1 values) Nemo	All (12 values) Aug 2010 Dec 2011 Dec 23 2009 Dec 8 2009 Feb 2011 Jan 2012 Jul 2010 Mar 2011 May 2010	All (4 values) bad agers good agers ill coordinated wild type	All (7 values) 1 2 3 4 5 6 7	10 11 13 15 18 20 22 4 6 8	All (1 values) 0	All (1 values) 1	All (5 values) Aging wild type Coordination Very Old Age aging mutants classes of wild type	All (3 values) All animals Best swimmers Worst swimmers

Use the filters to group videos with common properties (e.g. comparing different mutants of same age, or different trials of same experiment, etc.)

Videos to choose from: (21 filtered)

Double-click on a sample name (first line) to change it.

Select all

Deselect all

Nemo-Aging wild type-Trial1-wild type-All animals-Sample001

Nemo-Aging wild type-Trial1-wild type-All animals-Sample002

Nemo-Aging wild type-Trial1-wild type-All animals-Sample003

Nemo-Aging wild type-Trial1-wild type-All animals-Sample004

Nemo-Aging wild type-Trial1-wild type-All animals-Sample005

Nemo-Aging wild type-Trial1-wild type-All animals-Sample006

Nemo-Aging wild type-Trial1-wild type-All animals-Sample007

Nemo-Aging wild type-Trial2-wild type-All animals-Sample101

Nemo-Aging wild type-Trial2-wild type-All animals-Sample102

Nemo-Aging wild type-Trial2-wild type-All animals-Sample103

Nemo-Aging wild type-Trial2-wild type-All animals-Sample104

Nemo-Aging wild type-Trial2-wild type-All animals-Sample105

Nemo-Aging wild type-Trial2-wild type-All animals-Sample106

Nemo-Aging wild type-Trial3-wild type-All animals-Sample201

Nemo-Aging wild type-Trial3-wild type-All animals-Sample202

Nemo-Aging wild type-Trial3-wild type-All animals-Sample203

Nemo-Aging wild type-Trial3-wild type-All animals-Sample204

Nemo-Aging wild type-Trial3-wild type-All animals-Sample205

Nemo-Aging wild type-Trial3-wild type-All animals-Sample206

Nemo-Aging wild type-Trial3-wild type-All animals-Sample207

Nemo-Aging wild type-Trial3-wild type-All animals-Sample208

>> Add to a new sample >>

>> Add to the selected sample >>

<< Remove the selected videos <<

<< Remove the selected sample <<

Show graphs for these samples

Close

	1
Sample name	Sample 1
# worms	103 worms
Video 1	Nemo-Aging wild type-Trial1-w...
Video 2	Nemo-Aging wild type-Trial1-w...
Video 3	Nemo-Aging wild type-Trial1-w...
Video 4	Nemo-Aging wild type-Trial1-w...
Video 5	Nemo-Aging wild type-Trial1-w...
Video 6	Nemo-Aging wild type-Trial1-w...
Video 7	Nemo-Aging wild type-Trial1-w...
Video 8	Nemo-Aging wild type-Trial2-w...
Video 9	Nemo-Aging wild type-Trial2-w...
Video 10	Nemo-Aging wild type-Trial2-w...
Video 11	Nemo-Aging wild type-Trial2-w...
Video 12	Nemo-Aging wild type-Trial2-w...
Video 13	Nemo-Aging wild type-Trial2-w...
Video 14	Nemo-Aging wild type-Trial3-w...
Video 15	Nemo-Aging wild type-Trial3-w...
Video 16	Nemo-Aging wild type-Trial3-w...
Video 17	Nemo-Aging wild type-Trial3-w...
Video 18	Nemo-Aging wild type-Trial3-w...
Video 19	Nemo-Aging wild type-Trial3-w...
Video 20	Nemo-Aging wild type-Trial3-w...
Video 21	Nemo-Aging wild type-Trial3-w...



author	date	gene	trial	age	segmented	measured	experiment	class
All (1 values) Nemo	All (12 values) Aug 2010 Dec 2011 Dec 23 2009 Dec 8 2009 Feb 2011 Jan 2012 Jul 2010 Mar 2011 May 2010	All (4 values) bad agers good agers ill coordinated wild type	All (7 values) 1 2 3 4 5 6 7	All (10 values) 10 11 13 15 18 20 22 4 6	All (1 values) 0	All (1 values) 1	All (5 values) Aging wild type Coordination Very Old Age aging mutants classes of wild type	All (3 values) All animals Best swimmers Worst swimmers

Videos to choose from: (36 filtered)

Select allDeselect all

Nemo-Aging wild type-Trial1-wild type-All animals-Sample044  
Nemo-Aging wild type-Trial1-wild type-All animals-Sample045  
Nemo-Aging wild type-Trial1-wild type-All animals-Sample046  
Nemo-Aging wild type-Trial1-wild type-All animals-Sample047  
Nemo-Aging wild type-Trial1-wild type-All animals-Sample048  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample131  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample132  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample133  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample134  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample135  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample136  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample137  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample138  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample139  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample140  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample141  
Nemo-Aging wild type-Trial2-wild type-All animals-Sample142  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample234  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample235  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample236  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample237  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample238  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample239  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample240  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample241  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample242  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample243  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample244

Close

&gt;&gt; Add to a new sample &gt;&gt;

&gt;&gt; Add to the selected sample &gt;&gt;

&lt;&lt; Remove the selected videos &lt;&lt;

&lt;&lt; Remove the selected sample &lt;&lt;

Show graphs for these samples

Double-click on a sample name (first line) to change it.

	1	2	3	4
Sample name	WT Day 4	WT Day 6	WT Day 8	WT Day 11
# worms	103 worms	173 worms	176 worms	162 worms
Video 1	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 2	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 3	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 4	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 5	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 6	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 7	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 8	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 9	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 10	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 11	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 12	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 13	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...
Video 14	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial1-w...	Nemo-Aging wild type-Trial2-w...
Video 15	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...
Video 16	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...
Video 17	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...
Video 18	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...
Video 19	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...
Video 20	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...
Video 21	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...
Video 22		Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...
Video 23		Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...
Video 24		Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...
Video 25		Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...
Video 26		Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial2-w...	Nemo-Aging wild type-Trial3-w...
Video 27		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...
Video 28		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...
Video 29		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...
Video 30		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...
Video 31		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...
Video 32		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...
Video 33		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...
Video 34		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...
Video 35		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...
Video 36		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...
Video 37		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	
Video 38		Nemo-Aging wild type-Trial3-w...	Nemo-Aging wild type-Trial3-w...	

Repeat to define several samples.





Close

Export...

Tests...

Wave Init Rate

Asymmetry

Attenuation

Curling

Brush Stroke

2D histograms

Opens a window to display 2D histograms  
of one measure against another

Colors: hot low high

# of histogram bins:

200

# of worms:

6000

Opens a window showing the statistical tests for all samples and all measures

Wave Init Rate

WT Day 4

Export the results in csv format

Number of data points:

100

Quartiles:

10.7 - 66.7 - 68.1 - 78.7 - 102

Mean +/- Standard error:

70.25 +/- 1.52

Mean +/- 95% Conf. Interval:

70.25 +/- 2.97

Mean +/- Standard deviation:

70.25 +/- 15.2

WT Day 6

Number of data points:

169

Quartiles:

8.5 - 56.5 - 66.7 - 68.1 - 92

Mean +/- Standard error:

61.74 +/- 1.1

Mean +/- 95% Conf. Interval:

61.74 +/- 2.15

Mean +/- Standard deviation:

61.74 +/- 14.3

WT Day 8

Number of data points:

170

Quartiles:

5.71 - 33.8 - 54.1 - 67.1 - 88.4

Mean +/- Standard error:

49.16 +/- 1.7

Mean +/- 95% Conf. Interval:

49.16 +/- 3.32

Mean +/- Standard deviation:

49.16 +/- 22.2

WT Day 11

Number of data points:

144

Quartiles:

5.38 - 7.79 - 15 - 33.8 - 101

Mean +/- Standard error:

24.29 +/- 1.76

Mean +/- 95% Conf. Interval:

24.29 +/- 3.46

Mean +/- Standard deviation:

24.29 +/- 21.2

Close

p values		WT Day 6				WT Day 8				WT Day 11		
WT Day 4		F test	t test equal	t test diff.		F test	t test equal	t test diff.		F test	t test equal	t test diff.
	Body Wave N...	0.0141	0.0384	0.0284		0.0000	0.0000	0.0000		0.0000	0.0000	0.0000
	Asymmetry	0.1427	0.0345	0.0288		0.0000	0.7052	0.6687		0.0000	0.3698	0.2940
	Stretch	0.0091	0.8988	0.8924		0.0000	0.0000	0.0000		0.0000	0.0000	0.0000
	Attenuation	0.3507	0.5903	0.5822		0.0000	0.0000	0.0000		0.0000	0.0021	0.0007
	Reverse Swim	0.9010	0.3314	0.3301		0.0000	0.0001	0.0000		0.0000	0.0000	0.0000
	Curling	0.0000	0.1851	0.2488		0.0000	0.0014	0.0002		0.0000	0.0004	0.0001
	Travel Speed	0.0126	0.0889	0.1081		0.1211	0.0000	0.0000		0.0000	0.0000	0.0000
	Brush Stroke	0.0666	0.4349	0.4539		0.5577	0.0000	0.0000		0.0012	0.0000	0.0000
	Activity Index	0.0004	0.0014	0.0033		0.2000	0.0000	0.0000		0.9424	0.0000	0.0000
WT Day 6		F test	t test equal	t test diff.		F test	t test equal	t test diff.		F test	t test equal	t test diff.
	Body Wave N...	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000	0.0000	0.0000
	Asymmetry	0.0000	0.1518	0.1514		0.0000	0.0365	0.0510		0.0000	0.0000	0.0000
	Stretch	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000	0.0000	0.0000
	Attenuation	0.0000	0.0000	0.0000		0.0000	0.0009	0.0015		0.0000	0.0000	0.0000
	Reverse Swim	0.0000	0.0002	0.0002		0.0000	0.0000	0.0001		0.0000	0.0000	0.0000
	Curling	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000	0.0000	0.0000
	Travel Speed	0.2818	0.0000	0.0000		0.0013	0.0000	0.0000		0.0013	0.0000	0.0000
	Brush Stroke	0.0054	0.0000	0.0000		0.0975	0.0000	0.0000		0.0975	0.0000	0.0000
	Activity Index	0.0000	0.0000	0.0000		0.0001	0.0000	0.0000		0.0001	0.0000	0.0000
WT Day 8		F test	t test equal	t test diff.		F test	t test equal	t test diff.		F test	t test equal	t test diff.
	Body Wave N...	0.0130	0.0000	0.0000		0.0130	0.0000	0.0000		0.0130	0.0000	0.0000
	Asymmetry	0.0000	0.1949	0.2207		0.0000	0.1949	0.2207		0.0000	0.1949	0.2207
	Stretch	0.0008	0.1706	0.1801		0.0008	0.1706	0.1801		0.0008	0.1706	0.1801
	Attenuation	0.0118	0.6789	0.6839		0.0118	0.6789	0.6839		0.0118	0.6789	0.6839
	Reverse Swim	0.7135	0.6529	0.6537		0.7135	0.6529	0.6537		0.7135	0.6529	0.6537
	Curling	0.0000	0.1039	0.1172		0.0000	0.1039	0.1172		0.0000	0.1039	0.1172
	Travel Speed	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000	0.0000	0.0000
	Brush Stroke	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000	0.0000	0.0000
	Activity Index	0.1284	0.0000	0.0000		0.1284	0.0000	0.0000		0.1284	0.0000	0.0000

This table lists the p-values of the three standard statistical tests:

- . F test (for equal variance)
- . t-test assuming equal variance (for equal mean)
- . t-test assuming unequal variance (for equal mean)

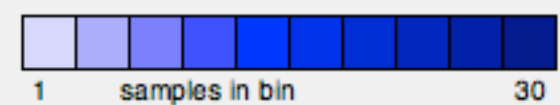


Measure on the X axis:

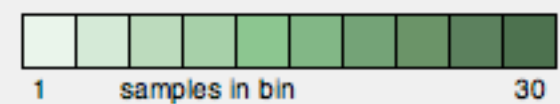
Measure on the Y axis:

Number of histogram bins:

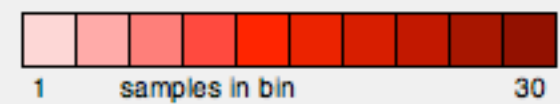
WT Day 4



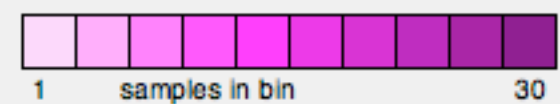
WT Day 6



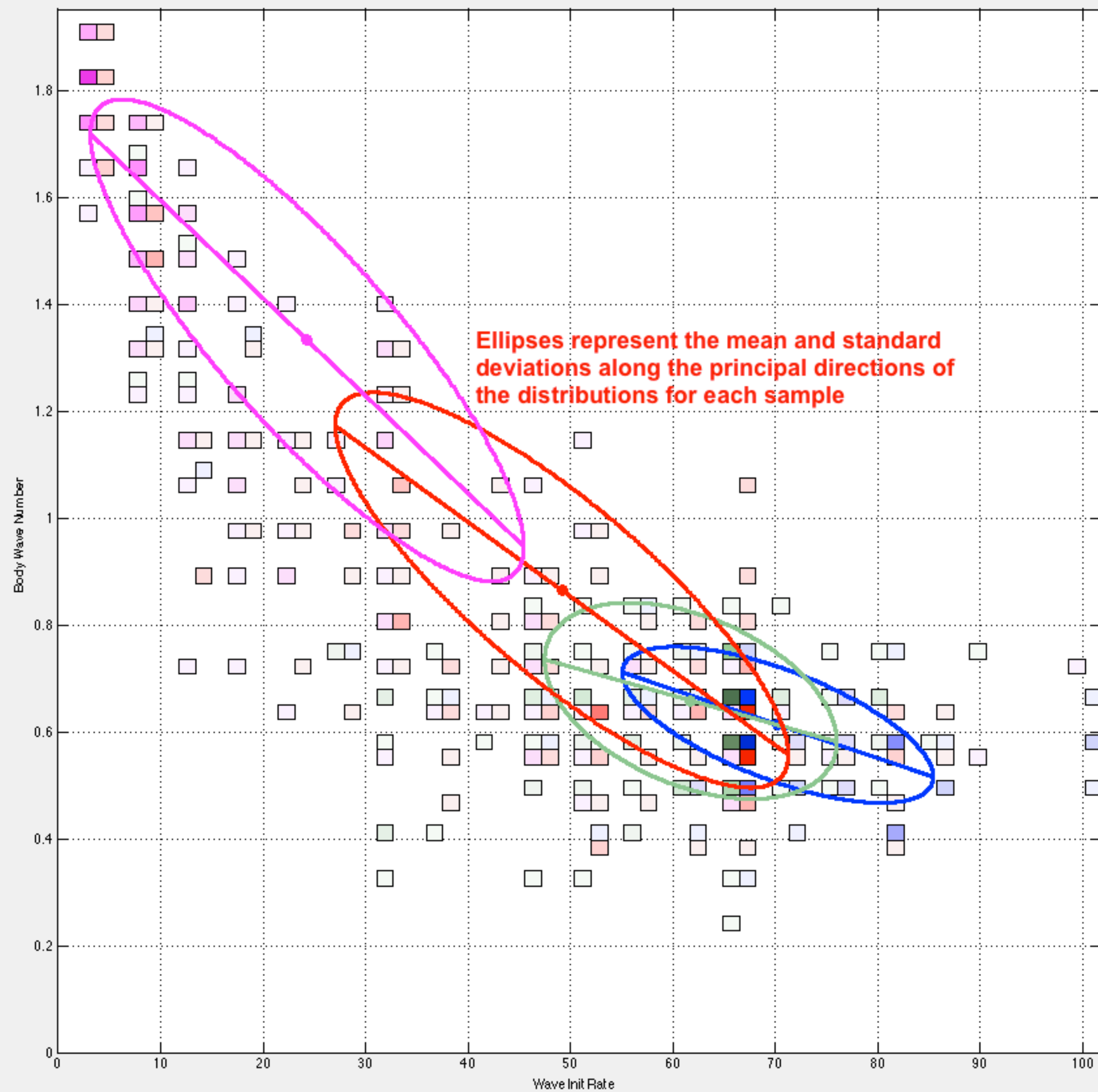
WT Day 8



WT Day 11



Select the pair of  
measures to display







Close

Export...

Tests...

Wave Init Rate

Asymmetry

Attenuation

Curling

Brush Stroke

2D histograms

Body Wave Number

Stretch

Reverse Swim

Travel Speed

Activity Index

Colors: hot low high

# of histogram bins: 200

# of worms: 6000

Nemo-Aging wild type-Trial1-wild type-All animals-Sa...

All worms

Number of data points: 5  
Quartiles: 155 - 178 - 180 - 232 - 261  
Mean +/- Standard error: 201.4 +/- 17.4  
Mean +/- 95% Conf. Interval: 201.4 +/- 34.2  
Mean +/- Standard deviation: 201.4 +/- 43.6

WT Day 6

Number of data points: 169  
Quartiles: 14.1 - 166 - 190 - 204 - 338  
Mean +/- Standard error: 183.4 +/- 3.59  
Mean +/- 95% Conf. Interval: 183.4 +/- 7.04  
Mean +/- Standard deviation: 183.4 +/- 46.8

WT Day 8

Number of data points: 170  
Quartiles: 7.92 - 95.6 - 154 - 190 - 365  
Mean +/- Standard error: 142.2 +/- 5.51  
Mean +/- 95% Conf. Interval: 142.2 +/- 10.8  
Mean +/- Standard deviation: 142.2 +/- 72

WT Day 11

Number of data points: 144  
Quartiles: 6.17 - 13.4 - 42.4 - 105 - 236  
Mean +/- Standard error: 67.38 +/- 5.29  
Mean +/- 95% Conf. Interval: 67.38 +/- 10.4  
Mean +/- Standard deviation: 67.38 +/- 63.7

The plots may be restricted to single-video within the sample

Activity Index

A right-click on a bin of any histogram shows the list of animal present in that histogram bin.

Nemo-Aging wild type-Trial1-wild type-All animals-Sample011 : worm 1  
Nemo-Aging wild type-Trial1-wild type-All animals-Sample013 : worm 2  
Nemo-Aging wild type-Trial1-wild type-All animals-Sample013 : worm 1  
Nemo-Aging wild type-Trial1-wild type-All animals-Sample008 : worm 5  
Nemo-Aging wild type-Trial3-wild type-All animals-Sample214 : worm 1