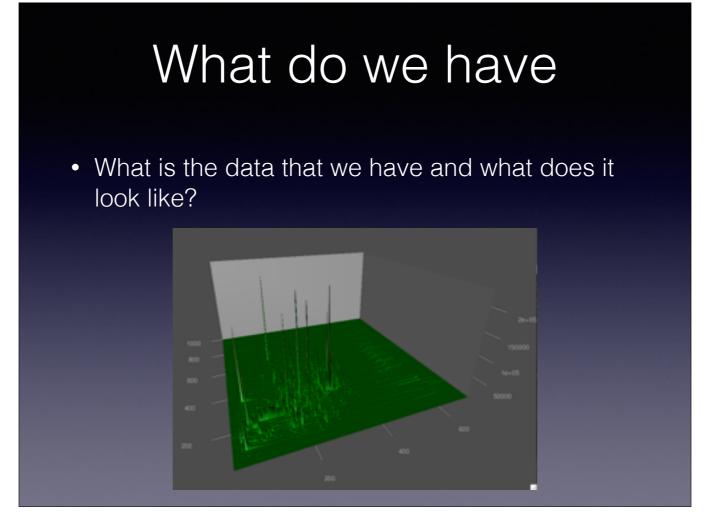
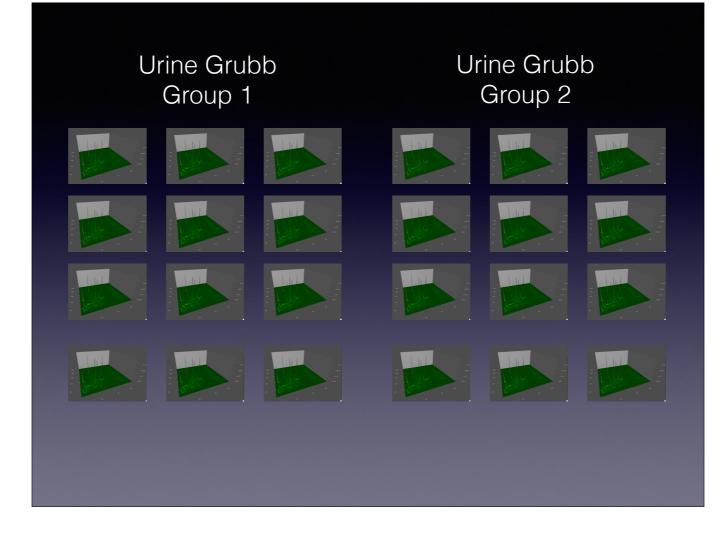


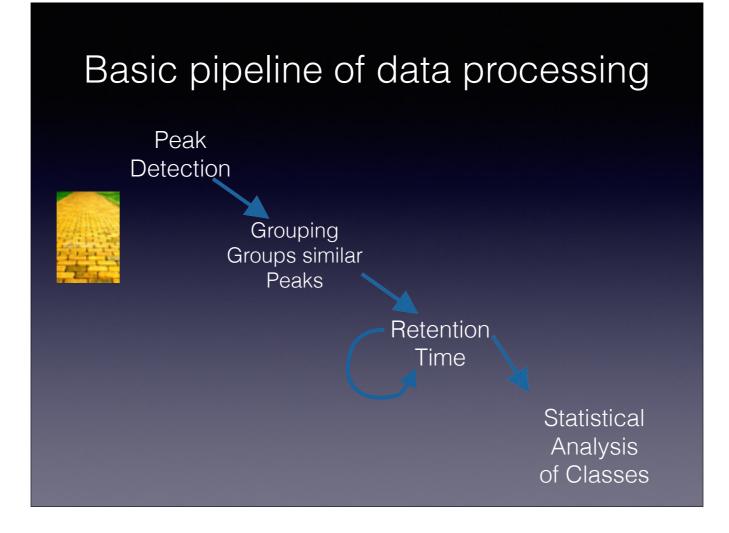
Wednesday June 17, 2015 10:30-11;15 All Attendees (LRC 249) XCMS online (introduction and XCMS processed data sets)





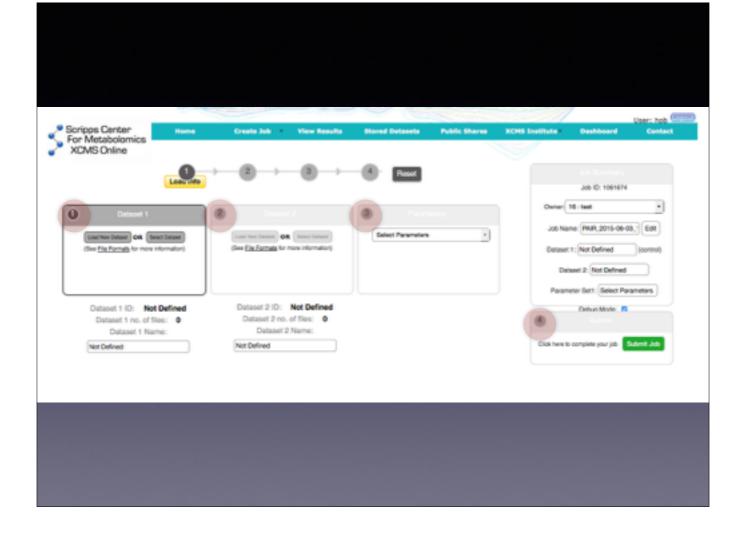
## What do we need

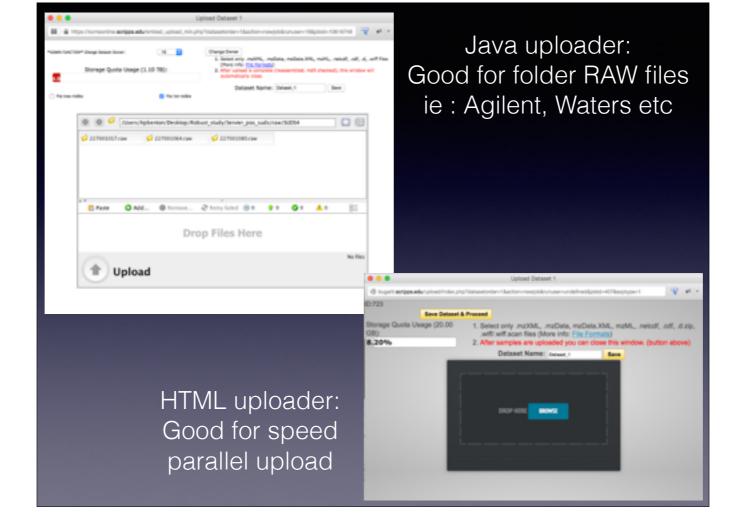
- 1. Statistic results from data
- 2. List of Features (prefer identified metabolites)
- 3. Characterisation adducts / isotopes

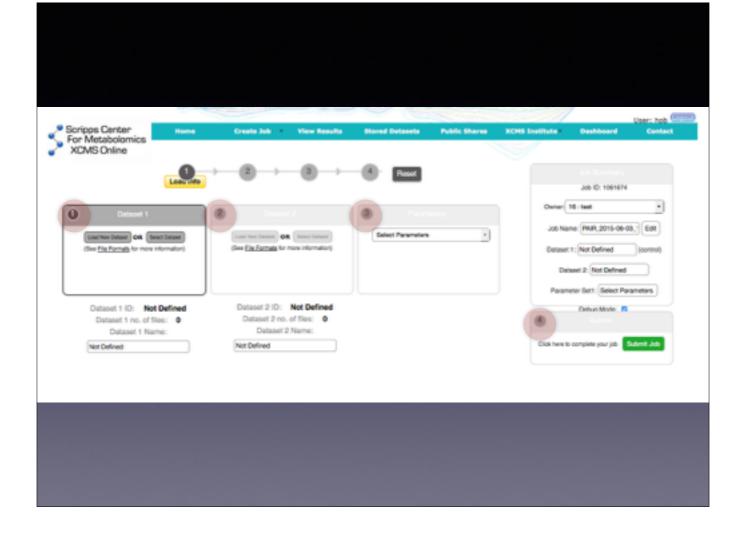


<section-header><section-header></section-header></section-header>	Int	tro to X	$\langle O \rangle$
Last (Family) Name Organization Email Password Re-enter password Enter code above	Note: All new users require e-mail verification. A verification e-mail x You can che	will be sent to the e-mail address you provide. Ple ok your system compatibility with our System co	tase add "scripps.edu" and "scmsonline@gmail.com" to your whitelist. wpat/billy test
Organization Email Email Password Re-enter password Enter code above Enter code above		First Name	
Email  Email  Password  Re-enter password  Enter code above  This will be your permanent e-mail address to be used for:  registration  password resets  password  total august  total au		Last (Family) Name	
Email       - mail address to be used for:         Password       - registration         Re-enter password       - system notifications (e.g. maintenance)         State       -         Enter code above       -		Organization	
Password		Email	e-mail address to be used for:
Re-enter password		Password	<ul> <li>password resets</li> <li>job alerts (errors, completed)</li> </ul>
		Re-enter password	<ul> <li>system notifications (e.g. maintenance)</li> </ul>
		STRUCT	
Participate in anonymous usage statistics (view detail)		Enter code above	
		Participate in anonymous usage statistics (view	detai)
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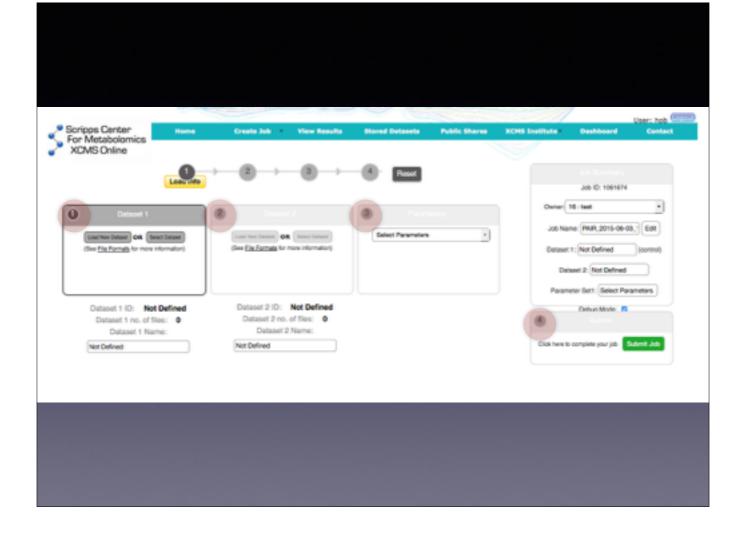


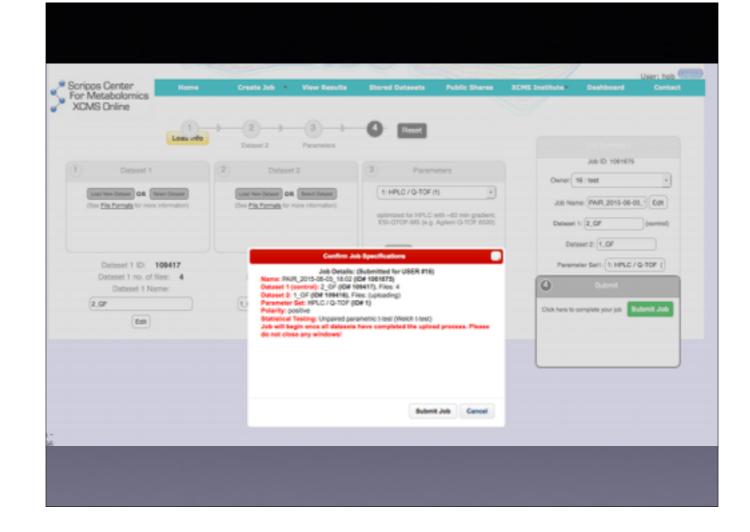




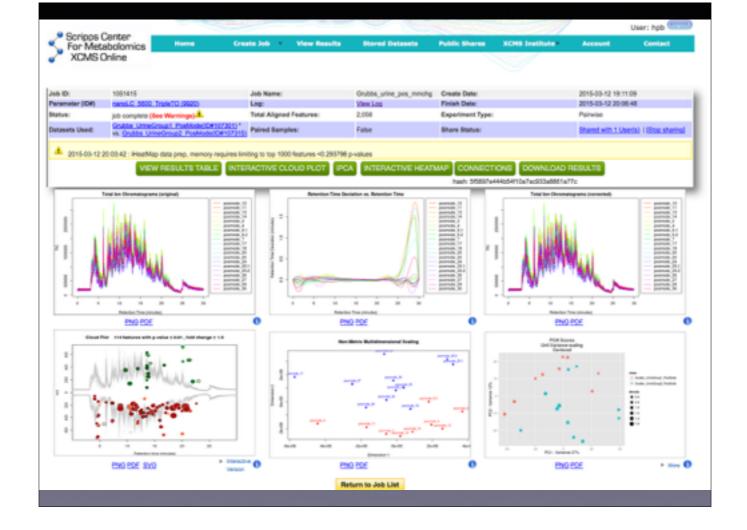


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Polarity is define		fcation (adducts) tabs. Job results will be misleading if this value is not correctly defined.
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Commant	optimized for HPLC with +60 min gradient, I	
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		Create New Serve Co

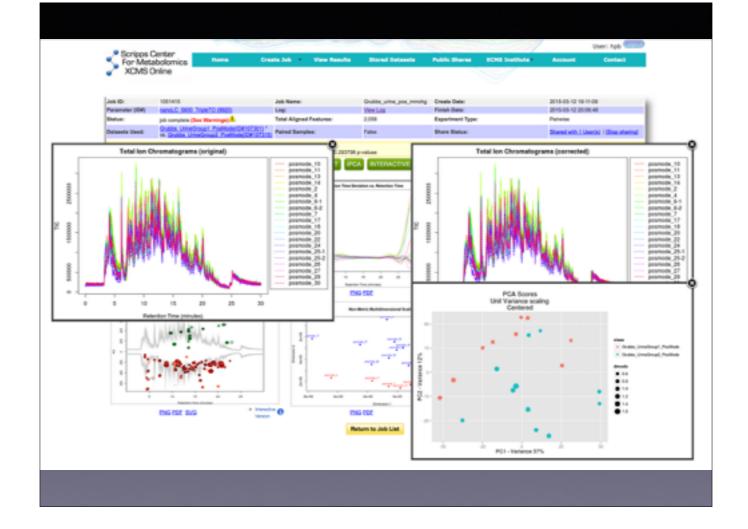


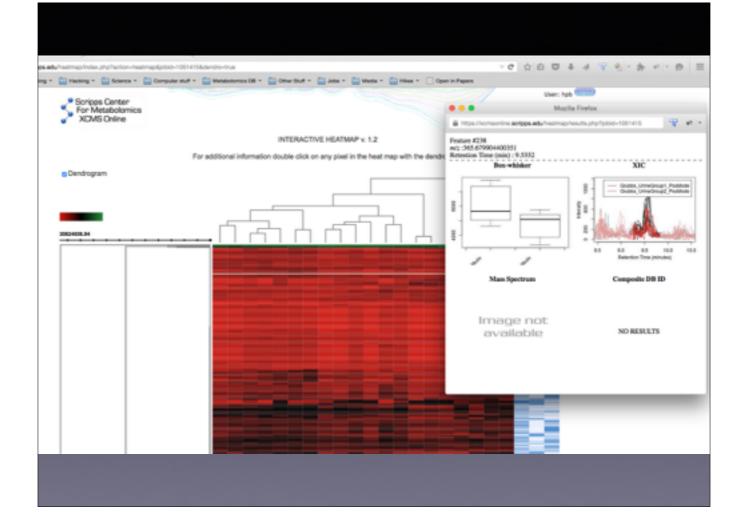


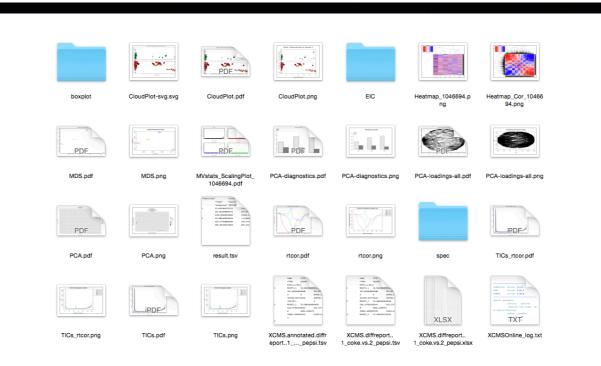
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	PAIR	VIEW	1051373	job-complete	Gubbs_urins_reg_mmchg	Grubbe_Unive (107534)* Grubbe_Unive (107534)	2015-03-12 12:19:17	Nanol.C560	0 (10377)		Public	N
0	MJL71	VIEW	1050779	job-complete	mummichog_last2		2015-03-06 16:39:20	Waters UPL	(10669)	Rober		,
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	MULTI	VIEW	1029261	job complete	deepthought		2014-07-20 17:29:07	UPLC Wate	r (9354)			,
	MJUTI	VIEW	1027748	Job ccompliate	Cloud Plot test		2014-07-03 21:25:43	UPLC Wate	r (8354)			3
0	PAIR	VIEW	1025435	job-complete	Pleatmap_test Paired	0_FEM (77608)* 0_CAR-Sympt (77508)	2014-06-20 11:47:42	UPLC - Hg	(11025)			,
	MJL71	VIEW	1026423	job-complete	Pleatrop_last		2014-06-20 09:34:39	UPLC - Hg	(11025)			3
0	PAIR	VIEW	1025235	job-complete	meta_Pair3	fregLock_100 (81599)* fregLock100 (81597)	2014-06-18	HPLC/Q	(1) T-			,



	r Metabolomics CMS Online	Kome	Create Job	- 10	e Results	54446	d Dalaseli	Public Shar		Institu	le Acco	çint.	Contact
Juick Cor	mpound Search:	84	arth Clear								lease click on a r	ow to view Red	ture defails
Jub#1051	415 : Grubbe_urine_poe_mmch	1							0			ature #6	
	Columna 🔕 Hide lactopic peaks		to to Page 1	of 21	++ 100 ×			Vew 1-	100-of 2.058			: 377.1435 Time (min): 1	1.41
Feature	fold chang p-value UP/DOW	N miz	relation time	Maxint	Ctri(8)	Exp(3)	leolopes	adducts feature g	Notes			EIC	
	3.0 5.33057e-I DOWN	204.1446	11.55	8.367	61,605	20,590		38		8			
2	1.5 6.94626e.EUP	567.2266	13.99	3.858	21,603	31,738		[M+Na]+ 5r4		1900	1 - 0vi - 0vi	6s_UniveGroup? 6s_UniveGroup?	PostAde
	8.5 2.04304e-100WN	267.1982	8.75	13.544	108,899	12,876		[M+H+H20] 50					
4	3.8 2.44253e-1 DOWN	254.1663	11.74	6,254	71,894	18,157		M+H-CH3 ST		1	1	A	
6	2.2 6.72076e-100WN	345.1104	10.74	5.042	44,308	20,112		39		×8		4	
. 6	1.8 1.03879e-EUP	377.1435	11.91	160,143	501,472	909,410 (8	•[M]#	18		2		Λ	
7	1.3 2.79905e-( DOWN	181.0589	11.24	148,137	925,013	715,125		54			L	x	_
8	1.5 4.00600e-EUP	193.4786	13.99	4,468	20,927	32,018		4			11.0 11.5		12.5
	2.5 4.56496e40OWN	249.1914	19.42	3.767	68,040	26,914		136			Beller	Bon Time (minuk	H)
10	1.8 5.57117e-COOWN	390.1744	12.87	3,105	43,763	23,898		[M+K-NH2 48			Box-and	-Whisker P	lot
11	1.6 6.04996e.4 UP	425.1022	13.61	2,843	16.840	27,829		[288+K]+ 1/4					
12	2.3 6.40552e4 DOWN	548.3542	15.15	2,265	14,390	6,263 [7	134[M]+	[388+294b+7-24		0000001		_	_
13	12.0 6.81485e-f DOWN	264.1574	20.80	13,532	78,586	6,567		71		100			_
14	12.8 7.42942e-f DOWN	218.1570	19.07	14,665	190,443	14,860		112					
15	17 8.21184e-CDOWN	60.0596	4.07	3,251	24,935	14,491		55		720080	_		
10	14.1 8.97905e-f DOWN	248.1265	18.35	9,504	00,675	5,712		[M-216-MH 126		R .		_	-
17	1.9 0.00001 DOWN	303.2159	12.42	29.542	149,101	76,604		[M+K]+ 26-78					
10	1.4 C.00001 UP	215.0502	13.64	3,404	01,598	05,497		43		0000	_	-	
19	2.0 0.00001 UP	387.1564	13.59	97,540	314,443	626,870 p		[288+8]+ 114					
20	1.8 C.00001 UP	368.1931	13.99	24,007	67,967	158,940 [7	73884+10=	4		_	1	1	
21	6.9 0.00001 DOWN	185.1617	15.15	12,691	65,865	9,478		41		PPM	Name	Adduct	
22	1.4 0.0002 DOWN	007.1929	11.68	6.229	68,295	60,571		[M+K]= 29(100		2	Loganate	M-H	44647
29	1.5 0.00002 UP	78.0393	13.99	18,510	97,724	148,525		4		2	(1R5,2R5)-Guai		09155
24	1.3 C.00002 UP	411.1241	13.50	2,843	10,301		aller-d-	4		2	(1x,2x)-OuelacyA		89157
25	1.3 0.00002 DOWN	263.1011	12.14	101.029	840,335	634,440 []	Nini+	[M+Na]+ 2-34		5	(1x,2x)-OuelacyA		95080
26	1.5 0.0002 DOWN	445.2751	15.94	3,549	25,110	16,276		11		4	Propiomazine hy		66637
27	1.3 6.00002 DOWN	264.1037	12.16	15,074	131,618	102,419 (	offices die	34			Ethynyleshadol	P-D-I M-W	1171
28	1.8 0.0002 DOWN	446.0050	7.27	1,318	11,278	6,279		(M+HENRED 10					
29	1.9 E00002 DOWN 23.2 E00002 DOWN	325.2087	17.02	20,178	138,795	73,202		99					
30	Columns e Export	230 0724	14 14 Page 1	0f21 ++	153,667	6,623		105	100 of 2.058				
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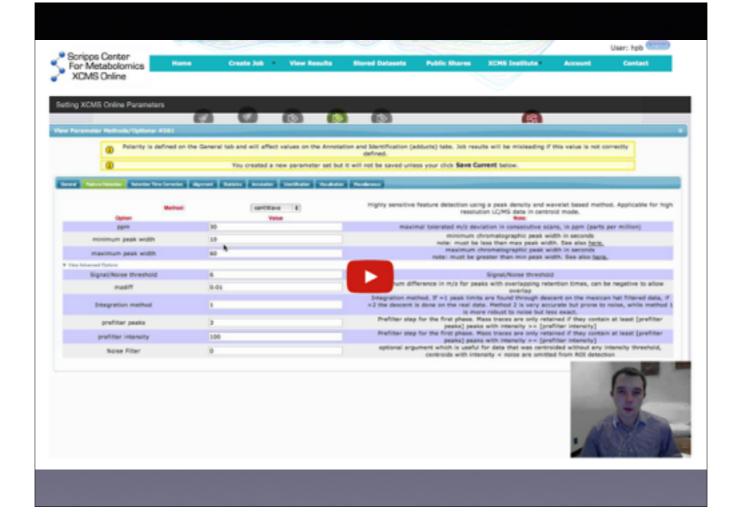


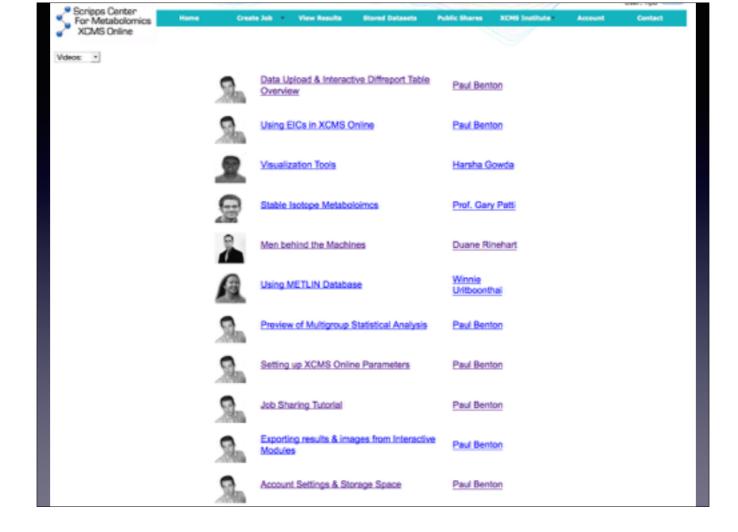




## Contents of results.zip file

XCMS.diffreport. And XCMS.annotated.diffreport are the data tables with all the intensity values associated with them not results.tsv





## Thank you :)

• Questions?



Gary Siuzdak



Duane Rinehart



Aries Aisporna



The whole xcms team