

A sample thesis formatted in LyX

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by

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A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE DEGREE OF

DOCTOR OF PHILOSOPHY

in

The Faculty of Graduate and Postdoctoral Studies

(Botany!)

THE UNIVERSITY OF BRITISH COLUMBIA

(Vancouver)

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Abstract

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Preface

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Nomenclature

cM	centiMorgan
GBS	Genotyping By Sequencing
LG	Linkage group
Mb	Megabase
NARO	National Agricultural Research Organisation
NSERC	National Science and Engineering Research Council
OPV	Open pollinated variety
QTL	Quantitative trait locus
SNP	Single nucleotide polymorphism
USDA	United States Department of Agriculture
WGS	Whole genome sequencing

Acknowledgements

Thanks. Thanks. Thanks. Thanks. Thanks. Thanks. Thanks. Thanks. Thanks. Thanks.
Thanks. Thanks. Thanks. Thanks. Thanks. Thanks. Thanks. Thanks.

Dedication

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Chapter 1

Introduction

1.1 Most general things.

We live on a cultivated planet. Nearly 40% of earth's ice-free land is used for food production (Foley et al., 2011), a fact that can readily be observed from space, using science (Fig. 1.1).

1.1.1 A more specific topic

[illegible]

1.1.2 A different specific topic

Genetics. Genetics. Genetics. Genetics. Genetics. Genetics. Genetics. Genetics. Genetics.
Genetics. Genetics. Genetics. Genetics. Genetics. Genetics. Genetics. Genetics. Genetics.

1.2 What is in this dissertation

Plant genetics. Plant genetics. Plant genetics. Plant genetics. Plant genetics. Plant genetics.
Plant genetics. Plant genetics. Plant genetics. Plant genetics. Plant genetics. Plant genetics.



Figure 1.1: In more words this is what happened here.

Chapter 2

Science I did.

2.1 Introduction

Intro. Intro. Intro. Intro. Intro.

2.2 Materials and methods

Methods. Methods. Methods. Methods. Methods. Methods.

2.3 You get the idea

Text. Text. Text. Text. Text. Text. Text. Text. Text.

Table 2.1: A more verbose description of this table.

A	B	C	D	E	F	G	Holy this is a reallllllllll long table.....
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8

Table 2.2: This table makes no sense but it is small.

Column	
Row	42

Chapter 3

Conclusion

In conclusion. In conclusion. In conclusion. In conclusion. In conclusion. In conclusion. In conclusion. In conclusion. In conclusion. In conclusion. In conclusion. In conclusion.

Bibliography

Foley, J. A., Ramankutty, N., Brauman, K. A., Cassidy, E. S., Gerber, J. S., Johnston, M., Mueller, N. D., O'Connell, C., Ray, D. K., West, P. C., et al. (2011). Solutions for a cultivated planet. *Nature*, 478(7369):337–342.

Appendix A

Chapter 2 supplementary materials

Table A.1: This is a long table which is too big to go in a float. Right click -> more -> settings to see the settings I have selected. You need to add an extra row to make this label. You also need to use Edit -> paste special to copy and paste into this.

Rand1	Rand2	Rand3	Rand4	Rand5	Rand6	Rand7
0.983194357	0.6855265445	0.862612007	0.7941941996	0.7615842652	0.2341611495	0.301577569
0.8092909129	0.0146868494	0.7548109503	0.3117257112	0.4751841065	0.0814475617	0.5759205774
0.538777052	0.4641192656	0.4788128675	0.4138230062	0.1674630684	0.2250634721	0.3724542579
0.8151314561	0.3350883943	0.0426507774	0.8436283779	0.1520123202	0.2995166308	0.0983568593
0.577797509	0.9851613257	0.567261186	0.2287010718	0.1630709176	0.4680261042	0.178771012
0.6749332701	0.8863647487	0.9605931204	0.6511426086	0.6590973022	0.6989270486	0.5928762499
0.1252763113	0.2671581935	0.9083375917	0.6511746	0.9329097467	0.380916246	0.2027888845

Rand1	Rand2	Rand3	Rand4	Rand5	Rand6	Rand7
0.459902605	0.9228001675	0.7852195031	0.7329862525	0.8993634919	0.2630535958	0.4304759265
0.1360689893	0.0350101304	0.8703596403	0.5211240794	0.4737146678	0.5552491476	0.0732747403
0.4167913662	0.1514635279	0.7399250327	0.056593111	0.1254576461	0.6495910285	0.1053973879
0.9389714997	0.5261623084	0.1899805819	0.9216464816	0.1901426895	0.3714159532	0.8497444752
0.7966110399	0.9361993028	0.1590107658	0.444850425	0.6072459891	0.9151662658	0.966300542
0.6351719177	0.3934466559	0.5697814713	0.504694235	0.1910505551	0.9506926124	0.502891114
0.1087256565	0.9753411822	0.4815469596	0.8317246926	0.5552989971	0.1504155982	0.7332778785
0.8282525686	0.867344907	0.2908911728	0.0552990192	0.959683843	0.2197728173	0.5412067017
0.1513665328	0.6909229073	0.1285649785	0.4641943951	0.6065890861	0.9124133564	0.7416944606
0.9479993677	0.8428964817	0.6490867182	0.7921186467	0.4559227331	0.1936820059	0.8207150509
0.2997385629	0.2814571371	0.0968130918	0.5737117368	0.9119513878	0.401666038	0.4157310657
0.6761326303	0.167389553	0.6134425187	0.1236761357	0.4316707747	0.932682415	0.4747363424
0.1174668933	0.894124629	0.6139281818	0.7917247307	0.4222656486	0.4686983656	0.4365788708
0.5075469844	0.3042581344	0.3986944326	0.3654415987	0.4053075113	0.1105931571	0.8113741134
0.3601112091	0.5359147592	0.9778629714	0.9670573235	0.2008346557	0.1987375754	0.6691625908
0.6509512509	0.148202243	0.8477414513	0.8590820765	0.5267559444	0.101083918	0.132772092
0.2328322723	0.4700292831	0.1990648324	0.5628241652	0.0910896312	0.5234212452	0.5624042975
0.4389776876	0.5806088857	0.4302706991	0.0046157872	0.2141307027	0.5148161203	0.1412181312

Rand1	Rand2	Rand3	Rand4	Rand5	Rand6	Rand7
0.8304278331	0.7531884534	0.3307349172	0.6900692366	0.7056772846	0.1462152184	0.9876925212
0.8509783766	0.4188836336	0.2075668157	0.0348135892	0.5157004956	0.7001833082	0.2200816243
0.5697514522	0.5369339923	0.1660791782	0.1440839616	0.2865101655	0.8018166542	0.9148005922
0.9249749549	0.0919672679	0.1770187304	0.0031673317	0.7679898238	0.7387360728	0.5995042329
0.7685674629	0.6906531842	0.452746876	0.3187601049	0.7888545194	0.0328937944	0.5419245714
0.2879502743	0.9584874904	0.1386883401	0.6670868485	0.5776355346	0.9100945508	0.1113208381
0.1235595667	0.1388503038	0.4727508654	0.5970460062	0.0198501637	0.2131697028	0.8136317204
0.87969507	0.5655680047	0.1359745765	0.2273330535	0.0409145551	0.4664796754	0.7146214771
0.2494118912	0.2129875314	0.6304251505	0.6316186239	0.989156265	0.5107688152	0.3739189361
0.2754668777	0.0950734522	0.9875947128	0.801420165	0.3186112656	0.555684583	0.2624316355
0.2479019058	0.6004286972	0.0335147346	0.4751206913	0.69874565	0.2702156892	0.5034786642
0.7062454536	0.2270852788	0.1948551589	0.9440432093	0.7736710238	0.6914410831	0.2453083699
0.694304083	0.1047959924	0.1440635857	0.4551318088	0.3382876739	0.5653271757	0.6387347588
0.7120405149	0.8887098327	0.2229638894	0.0953973653	0.490018191	0.1125833727	0.7944530349
0.1435639188	0.6370974558	0.7451276614	0.9566057739	0.8885611363	0.9181169153	0.8048900519
0.0957647196	0.7472939026	0.7511500372	0.5622914981	0.0516982682	0.2291647405	0.846166936
0.5094619789	0.0778293251	0.3162541089	0.8083383515	0.283637621	0.6062746732	0.3590000856
0.704019747	0.5114224639	0.3360090253	0.3085744074	0.243132862	0.0328209787	0.2276376924

Rand1	Rand2	Rand3	Rand4	Rand5	Rand6	Rand7
0.3873081899	0.9288485846	0.9549065274	0.4080717417	0.9228112386	0.5802711358	0.9041094885
0.8696497276	0.972559951	0.1818173989	0.3108456398	0.791603476	0.356246667	0.2524298099
0.064129814	0.4279495915	0.4753328303	0.205481278	0.5959797543	0.9942810542	0.0387872769
0.782972377	0.4530902747	0.9297290682	0.3933861328	0.6054652527	0.8330367401	0.1214851867
0.0851749876	0.2146136125	0.792091141	0.9686465191	0.1411292756	0.0549077797	0.8757680582
3.89185734093189E-005	0.7139811427	0.4105477119	0.4551826864	0.1837611508	0.1686902707	0.1774424824
0.5259050087	0.9324006836	0.5329825256	0.0284274819	0.7967659933	0.5905657338	0.6952503694
0.2886202529	0.3460629608	0.1489119604	0.105003055	0.656114456	0.7741343926	0.3898739973
0.8984918855	0.4650069745	0.8436810367	0.1949695409	0.8891875704	0.5342992076	0.1795931456