Plant ID	S1 average berr S2 average	berr S1 estimate	S2 estimate left: HT, righ	t:ML S1 estimate S	S2 estimate	S1 imaged bern S2 ima	ged berr HT_0	count_S1 HT_	Count_S2 ML_C	ount_S1 ML_C	ount_S2		S1 label avg area	S2 label avg area
4-336_R1	2.77	.43 6304.1052	33 5981	4480.520593	4200.463316	25	25	25	25	25	25			87.75990518
-336 R2	2.96	.53 6957	08 6442.7	4830.699396	4321.860454	25	11	25	11	24	11		95.01993648	87.95447869
-336 R3	2.56	.38 6134	.6 5855.24	4285.17322	4093.784254	25	25	25	25	25	25		90.45990979	
-323 R1	2.36	.40 5816.	56 5864.875	4119.118057	4116.545093	25	25	25	25	25	25		86.65990704	88.25991552
-323 R2	2.53	.76 6055.	16 6477.791667	4277.454327	4638.263102	25	25	25	25	25	25		89.39989094	92.27990419
-323 R3	2.57	.55 6106.3333	33 5970.304348	4193.931945	4216.494863	25	25	25	25	25	25			88.41991133
-324 R1	2.46	.35 6268	16 5903.76	4389.477238	4139.305932	25	25	25	25	25	25		90.07990992	
I-324 R2	2.37	.06 5954	38 5377.695652	4192.744423	3721.891941	25	25	25	25	25	25			83.97992736
I-324 R3		.32 56		4144.25394	4092.200891	25	25	25	25	25	25		87.15991536	
-300 R1		.79 4669.4166	37 4663.4	3250.049857	3250.049857	25	25	25	25	25	25		77.85992189	
I-300 R2		.68 5098	28 4399.92	3501.804526	3083.796774	25	25	25	25	25	25		81.07991539	76.13990698
I-300_R3		.78 4757.7083		3314.769807	3221.351408	25	25	25	25	25	25			77.41991779
3-291 R1	2.50	.28 6142	.6 5703.666667	4335.247066	4033.616472	25	25	25	25	25	25		89.31991219	
3-291 R2		.07 5990.9545		4280.423132	3758.705123	25	25	25	25	25	25		89.43992266	83.99988778
3-291 R3		.07 5831.		4097.544741	3740.694373	25	25	25	25	25	25		87.17991206	
3-315 R1		.35 5537.3333		3810.33301	4269.339593	27	25	27	25	27	25		85.05546747	88.95990701
3-315 R2		.83 6201.		4371.466487	3551.963194	25	14	25	14	25		ed to rotate image because it is in landscape)	89.47991203	22.222.0701
3-315_R2 3-315_R3		.00 5542.		3918.822676	3786.809811	25	25	25	25	25	25		84.05989805	83.33991994
-296 R1		.66 7951.		5607.874834	4779.380302	25	25	25	25	25	25		04.00303000	93.5599009
-296_R1 I-296 R2		.88 7433.3913		5315.942336	4779.380302 5069.729437	25	25	25	25	25	25		100.0399075	97.63991194
I-296_R2		.84 7092		5019.457671	5079.229613	25	25	25	25	25	25		100.03000/0	97.63991194
		.31 4264.		2952.179749	2585.829205	25	25	25	24	25	25		74.77991338	97.07991940
1-321_R1		.38 4164		2952.179749	2703.195965	25	25	25	25	25	25		73.15991827	71.17990589
-321_R2						25	25	25						
I-321_R3				2952.37767	2763.561668	30	30		25	25	25		73.87990646	71.53992115
REMIER_1				3164.251391	2967.485589	30		30	30	30	30		77.06656272	74.88323976
REMIER_2		.96 4059		2839.33217	2782.759941		30	30	30	30	30		73.0499112	71.96656992
REMIER_3		.30 4689.7241		3257.109015	3267.664767	30	30	30	30	30	30		79.06658928	78.74989248
REMIER_4		.24 5016.0666		3459.812427	3169.199399	30	30	30	30	30	30		81.14990856	77.29990128
REMIER_5		.35 4955.4482		3476.140855	3324.072063	30	30	30	30	30	30		81.53324256	80.19992064
REMIER_6		.54 4900.3448		3406.703804	3718.263401	30	30	30	30	30	30		80.01658392	84.33325824
REMIER_7		.22 4508.6896		3181.239553	3221.483355	30	30	30	30	30	30		77.4999204	77.78325576
REMIER_8		.32 4675.3666		3250.511671	3404.394733	30	30	30	30	30	30		78.3832476	80.34989928
REMIER_9		.39 4772.9333		3315.165648	3518.693728	30	30	30	30	30	30		79.1999208	81.81656448
LAPAHA_1		.37 6222.8333	33 5744.166667	4409.830046	4005.577757	30	30	30	30	30	30		90.08324472	86.31656208
LAPAHA_2	1.84	.11 6242.4074	07 6465.866667	4386.73934	4514.892758	30	30	30	30	30	30		90.16658448	92.3999076
LAPAHA_3		.78 7169		4964.666724	4245.226299	30	30	30	30	30	30		96.61656144	89.58325824
LAPAHA_4	1.28	.28 4860.7666	37 4804.133333	3382.128695	3365.635334	30	30	30	30	30	30		79.49988984	79.16657616
LAPAHA_5		.74 6350.5333	33 6056.5	4384.100402	4180.077521	30	30	30	30	30	30		90.59990016	88.14991584
OWDERBLUE_1	1.11	.05 3654	.5 3436.310345	2578.407193	2405.226898	30	30	30	30	30	30		69.58324128	67.61660136
OWDERBLUE_2	0.84	.00 30	19 3369.933333	2029.013323	2352.942942	30	30	30	30	30	30		62.54993976	66.73324896
DWDERBLUE_3	1.20	.28 3685	.5 3783.142857	2519.360959	2740.866803	30	30	30	30	30	30		69.78321336	71.36655624
OWDERBLUE_4	1.31	.34 3959.5862	07 4049.733333	2695.345125	2805.190912	30	30	30	31	30	30		72.19992192	73.266564
OWDERBLUE_5	1.45	.45 4293.4827	59 4468.32	3003.935917	2907.28482	30	30	30	30	30	30		75.26656536	75.23324256
OWDERBLUE_6	1.40	.56 4282.0689	36 4487.64	2901.512143	3107.019426	30	30	30	30	30	30		74.583222	76.39989168
OWDERBLUE_7	1.39	.46 4088.9642	86 4090.814815	2664.172672	2788.532617	30	30	30	30	30	30		73.2998952	73.94990232
DWDERBLUE 8	1.16	.45 3661.9285	71 4275.166667	2463.943264	2850.052855	30	27	30	27	30	27		69.41656176	74.6599009
OWDERBLUE 9	1.31	.32 3932.0370	37 3949.222222	2602.817367	2652.303139	30	29	30	29	30	29		72.04989624	72.27576199
DWDERBLUE 10		.40 4073		2646.843268	2730.640919	30	30	30	30	29	30		72.93323856	73.64991312
OWDERBLUE 11	1.40	.35 4172.4615		2794.601037	2676.87256	30	30	30	30	29	29		73.8332448	73.03326072
OWDERBLUE 12		.28 3848.2857		2588.79801	2468.231538	30	30	30	30	30	30		71.38323864	71.16656736

1.21	30 Estimates	4521.766667	30 left:HT, right:ML	3164.251391	30 Calculations	HT Miss counts	1	76.48383668 radius pixels, (sc	79.65826228	ML plate edge (pi	437	0.5461911806 area (cm^2)	0.5924708789 0.04627969831	77.06656272 label radius	0.5545456857
1.04	30	4059.6	30 measured output	2839.33217	30	ML Miss counts	3	72.46982513 left:HT, right:ML	75.45767854	HT tray edge pixe	1364	0.490365355 left:HT, right:ML	0.5316333688 0.04126801379	73.0499112	0.4982470512
1.31	30	4689.724138	30	3257.109015	30	Total berries	1556	77.89135161	80.81863028	normalize to origi	2753.1	0.566479023	0.6098574363 0.04337841336	79.06658928	0.583702243
1.40	30	5016.066667	30	3459.812427	30	miscount rate %	0.06426735219	80.55587909	83.29551459		2749.824	0.6058984411	0.6478113957 0.04191295455	81.14990856	0.6148673355
1.39	30	4955.448276	30	3476.140855	30		0.1928020566	80.06764688	83.49183792	pixel/cm (15cm p	183.4308	0.5985762521	0.6508687122 0.05229246012	81.53324256	0.6206900469
1.35	30	4900.344828	30	3406.703804	30			79.62123547	82.65374311			0.5919202214	0.6378673966 0.04594717514	80.01658392	0.5978130143
1.21	30	4508.689655	30	3181.239553	30			76.37316045	79.8718098			0.5446115881	0.5956517233 0.05104013516	77.4999204	0.5607998196
1.23	30	4675.366667	30	3250.511671	30			77.77202901	80.73673885	powderblue_ML	394	0.5647447618	0.6086221569 0.0438773951	78.3832476	0.573656421
1.26	30	4772.933333	30	3315.165648	30			78.57932169	81.53572836	HT	1224	0.5765299902	0.620727895 0.04419790477	79.1999208	0.5856725196
1.77	30	6222.833333	30	4409.830046	30			89.72421681	94.03862371		2482.2	0.7516656509	0.8256916283 0.07402597736	90.08324472	0.7576932072
1.84	30	6242.407407	30	4386.73934	30 HI			89.86522087	93.79209855		2467.584	0.7540300336	0.8213681504 0.06733811684	90.16658448	0.7590958028
2.11	30	7169.5	30	4964.666724		Trendline for series	s 1 R* =	96.30748151	99.77928517	pixel/cm (15cm p	164,9928	0.8660149799	0.9295786252 0.0635636453	96.61656144	0.8715825093
1.28	30	4860.766667	30	3382.128695	30 8000			79.29904888	82.35508181			0.5871395142	0.6332659808 0.0461264666	79.49988984	0.5901173807
1.81	30	6350.533333	30	4384.100402	30 4000	· Constitution of		90.64016583	93.76388297			0.7670907312	0.8208740386 0.05378330746	90.59990016	0.7664093432
1.11	30	3654.5	30	2578.407193	30 0 -			68.75900359	71.9069868		powderblue	0.5456058727	0.5967082851 0.05110241241	69.58324128	0.5587650026
0.84	30	3049	30	2029.013323	30 MI			62.8050121	63.78782407		powderblue	0.4552065415	0.4695647235 0.01435818207	62.54993976	0.4515165552
1.20	30	3685.5	30	2519.360959		Trendline for series	1 Dt -	69.05001849	71.07887344		powderblue	0.5502340795	0.5830435012 0.03280942167	69.78321336	0.5619812356
1.31	30	3959.586207	30	2695.345125	30	Tremental ter delice	7111	71.57156155	73.51949741		powderblue	0.5911543269	0.6237706643 0.03261633734	72.19992192	0.6015799357
1.45	30	4293.482759	30	3003.935917	30 4000	The same of		74.52816924	77.61410793		powderblue	0.6410040792	0.6951863363 0.05418225718	75.26656536	0.653768639
1.40	30	4282.068966	30	2901.512143	30 2000			74.42904048	76.27944677		powderblue	0.6393000341	0.6714828984 0.03218286429	74.583222	0.6419514278
1.39	30	4088.964286	30	2664.172672	30	1.00 1.25 1.50 1.	75 2.00	72.7314507	73.09312382		powderblue	0.6104700855	0.6165565745 0.006086488992	73.2998952	0.6200498326
1.16	30	3661.928571	30	2463.943264	30			68.82885198	70.29277523		powderblue	0.5467149361	0.5702184527 0.02350351661	69.41656176	0.5560912803
1.31	30	3932.037037	30	2602.817367	30			71.32214424	72.2465622		powderblue	0.5870413186	0.6023574136 0.01531609496	72.04989624	0.5990824629
1.35	30	4073.28	30	2646.843268	29			72.59182648	72.85501486		powderblue	0.6081284687	0.6125461144 0.00441764567	72.93323856	0.6138621899
1.40	30	4172.461538	30	2794.601037	29			73.47029142	74.86093487		powderblue	0.6229359745	0.646740979 0.02380500453	73.8332448	0.6291059567
1.25	30	3848.285714	30	2588.79801	30			70.55848475	72.05173142		powderblue	0.5745374977	0.5991129817 0.02457548396	71.38323864	0.5880474661
1.11	30	4273.724138	30	2967.485589	30			74.35648205	77.14177856		powderblac	0.5162297404	0.555628671 0.03939893061	74.88323976	0.5235698185
0.96	30	3897.166667	30	2782.759941	30			71.00518791	74.70216864			0.4707447817	0.521040848 0.05029606624	71.96656992	0.4835784734
1.30	30	4732.266667	30	3267.664767	30			78.24384718	80.94948425			0.5716178007	0.6118338834 0.04021608263	78.74989248	0.5790356343
1.24	30	4513.4	30	3169.199399	30			76.41304454	79.72051963			0.545180558	0.5933973384 0.04821678044	77.29990128	0.5579088247
1.35	30	4839.444444	30	3324.072063	30			79.12493126	81.64518051			0.5845639701	0.6223955222 0.0378315521	80.19992064	0.6005556117
1.54	30	5387.433333	30	3718.263401	30			83.48463369	86.35061088			0.6507563945	0.6962034659 0.04544707145	84.33325824	0.6640535639
1.22	30	4592.448276	30	3221.483355	30			77.07929402	80.37542535			0.5547289213	0.6031869276 0.04845800628	77.78325576	0.5649078206
1.32	30	4899.433333	30	3404.394733	30			79.61383011	82.62572693			0.5918101206	0.6374350488 0.04562492815	80.34989928	0.6028038616
1.39	30	5103	30	3518.693728	30			81.25093654	84.00131249			0.6163992527	0.6588362643 0.04243701152	81.81656448	0.6250112448
1.37	30	5744.166667	30	4005.577757	30			86.20433534	89.62474268			0.6938467648	0.7499998835 0.05615311863	86.31656208	0.6956545359
2.11	30	6465.866667	30	4514.892758	30			91,45952969	95.15224905			0.7810220227	0.7499998835 0.05615311863	92.3999076	0.6956545359
															0.797165374
1.78	30	6019.769231	30	4245.226299	30			88.2481303	92.26686431			0.7271372243	0.7948714074 0.06773418313	89.58325824	
1.28	30	4804.133333 6056.5	30 30	3365.635334 4180.077521	30 30			78.83573438 88.51695225	82.15402912 91.55614671			0.5802986864 0.7315739906	0.6301777823 0.04987909593 0.7826730234 0.05109903277	79.16657616 88.14991584	0.5851794654 0.7255196116
	30	3436.310345	30		30										0.7255196116
1.05				2405.226898				66.67480914	69.45017819		powderblue	0.5130308125	0.5566300084 0.04359919585	67.61660136	
1.00	30	3369.933333	30	2352.942942	30			66.02771167	68.69118939		powderblue	0.5031209241	0.5445301858 0.04140926171	66.73324896	0.5139305396
1.28	30	3783.142857	30	2740.866803	30			69.95873727	74.13773331		powderblue	0.5648118648	0.6343055256 0.06949366076	71.36655624	0.5877726426
1.34	30	4049.733333	31	2805.190912	30			72.3817043	75.00263995		powderblue	0.6046130221	0.6491917426 0.04457872049	73.266564	0.6194860581
1.45	30	4468.32	30	2907.28482	30			76.03047877	76.3552896		powderblue	0.6671067541	0.672818841 0.005712086853	75.23324256	0.6531898805
1.56	30	4487.64	30	3107.019426	30			76.19467073	78.93458368		powderblue	0.6699911721	0.7190424534 0.04905128132	76.39989168	0.6736051096
1.46	30	4090.814815	30	2788.532617	30			72.74790675	74.77961119		powderblue	0.6107463639	0.6453365941 0.03459023019	73.94990232	0.631095519
1.45	27	4275.166667	27	2850.052855	27			74.36902993	75.6		powderblue	0.6382695416	0.6595739248 0.02130438313	74.6599009	0.6432720849
1.32	29	3949.222222	29	2652.303139	29			71.477833	72.9301183		powderblue	0.5896070152	0.613809666 0.02420265083	72.27576199	0.6028444198
1.40	30	4153.75	30	2730.640919	30			73.30536636	73.99930405		powderblue	0.620142398	0.6319389988 0.01179660074	73.64991312	0.6259856317
1.35	30	4073.269231	30	2676.87256	29			72.59173052	73.2671311		powderblue	0.6081268609	0.6194956481 0.01136878717	73.03326072	0.6155470712
1.28	30	3854.884615	30	2468.231538	30			70.61895441	70.3539178		powderblue	0.5755226938	0.5712108671 -0.004311826681	71.16656736	0.5844830544

2.77	25 Estimates	6304.105263		4480.520593	25	HT Miss Counts		90.30822774 radius pixels, (sc	94.789357	ML plate edge (pi	379	1.01492336 area (cm^2)	1.118144067 0.1032207077		label	
2.96	25	6957.08	25	4830.699396	24	ML Miss Counts	- 1	94.8700414 left:HT, right:ML	98.42384905	HT tray edge pixe	1180		1.205533544 0.08548514538	95.01993648		1.123590
2.56	25	6134.6	25	4285.17322	25			89.08584763	92.69995631	normalize to origi	2387.7	0.9876340228	1.069393816 0.08175979285	90.45990979	J	1.018335
2.36	25	5816.56	25	4119.118057	25			86.74584814	90.88609795		2378.88		1.027953632 0.09152215313	86.65990704		0.93457
2.53	25	6055.16	25	4277.454327	25			88.50715952	92.61642835	pixel/cm (15cm p	158.886	0.9748446565	1.067467514 0.09262285746	89.39989094	į.	0.994609
2.57	25	6106.333333	25	4193.931945	25			88.88036827	91.70774776			0.983083258	1.046623941 0.06354068332			
2.46	25	6268.16	25	4389.477238	25			90.05039626	93.82136324			1.009136386	1.095423585 0.08628719876	90.07990990	2	1.009797
2.37	25	5954.88	25	4192.744423	25			87.77121263	91.69476321			0.9587001744	1.046327587 0.08762741285			
2.27	25	5676	25	4144.25394	25			85.69131053	91.16298097			0.9138021572	1.034226461 0.1204243038	87.15991536	i	0.9453926
1.79	25	4669.416667	25	3250.049857	25			77.72252585	80.73100334			0.7517482422	0.8110718141 0.05932357188	77.85992189	j .	0.7544084
1.96	25	5098.28	25	3501.804526	25			81.21335148	83.79947315			0.8207926818	0.873898886 0.05310620418	81.07991539	J	0.8180977
1.85	25	4757.708333	25	3314.769807	25			78.45389298	81.53086041			0.7659626741	0.8272231132 0.06126043913			
2.50	25	6142.6	25	4335.247066	25			89.14391618	93.24			0.9889219751	1.081890081 0.09296810564	89.31991219	J	0.9928306
2.47	25	5990.954545	25	4280.423132	25			88.03666934	92.6485634			0.9645079611	1.068208399 0.1037004381	89.43992266	j	0.99550040
2.34	25	5831.64	25	4097.544741	25			86.85822389	98.64778376			0.9388592692	1.022569866 0.08371059667	87.17991200	i	0.94582646
2.28	27	5537.333333	27	3810.33301	27			84.63810385	87.4131569			0.8914776507	0.9508942456 0.05941659491	85.05546747		0.90029135
2.44	25	6201.16	25	4371.466487	25			89.56783153	93.62868311			0.998349786	1.090928881 0.09257909524	89.47991203	j	0.99639079
2.06	25	5542.12	25	3918.822676	25			84.67467803	88.64885786			0.8922482754	0.9779685719 0.08572029646	84.05989805	i	0.87933891
3.33	25	7951.75	25	5607.874834	25			101.4254516	106.0460494			1.280184338	1.399482905 0.1192985667			
2.99	25	7433.391304	25	5315.942336	25			98.06388373	103.2489085			1.196731679	1.326629185 0.1298975066	100.0399075	i	1.245446
2.87	25	7092.95	25	5019.457671	25			95.79195585	100.3283654			1.141922659	1.252639442 0.1107167833			
1.58	25	4264.52	25	2952.179749	25			74.2763697	76.94257859			0.6865622931	0.7367363242 0.05017403111	74.77991338	ı	0.6959027
1.54	25	4164.4	25	2891.220285	25			73.39928178	76.14404245			0.67044357	0.7215234797 0.0510799097	73.15991827		0.6660779
1.55	25	4346	24	2952.37767	25			74.98259258	76.94515774			0.6996800872	0.7367857165 0.03710562928	73.87990646	i	0.6792525
2.43	25	5981	25	4200.463316	25			87.96349825	91.77912998			0.9629053387	1.048253889 0.08534855032	87.75990518	1	0.9584531
2.53	11	6442.7	11	4321.860454	11			91.29553669	93.09593293			1.037236286	1.078549362 0.04131307588	87.95447869	j .	0.9627078
2.38	25	5855.24	25	4093.784254	25			87.03379924	90.6861786			0.9426587285	1.021631411 0.07897268269			
2.40	25	5864.875	25	4116.545093	25			87.10537837	90.85770798			0.944209906	1.027311532 0.08310162563	88.25991552	1	0.9694058
2.76	25	6477.791667	25	4638.263102	25			91.54383026	96.44351456			1.042885835	1.157509772 0.114623937	92.27990419		1.059724
2.55	25	5970.304348	25	4216.494863	25			87.88481174	91.95410594			0.9611834024	1.052254669 0.09107126707	88.41991133	ı	0.97292364
2.35	25	5903.76	25	4139.305932	25			87.39366217	91.10854296			0.9504701592	1.032991652 0.08252149297			
2.06	25	5377.695652	25	3721.891941	25			83.40915114	86.39273407			0.8657769358	0.9288231815 0.06304624573	83.97992736	i	0.877666
2.32	25	5916.88	25	4092.200891	25			87.49071629	98.58865492			0.952582401	1.021236272 0.0686538714			
1.79	25	4663.4	25	3250.049857	25			77.67243594	80.73100334			0.7507795948	0.8110718141 0.06029221934			
1.68	25	4399.92	25	3083.796774	25			75.44630614	78.63904183			0.7083608857	0.7695822383 0.06122135258	76.13990698		0.7214451
1.78	25	4577	25	3221.351408	25			76.94954348	80.37377931			0.7368697099	0.803909923 0.06704021313	77.41991779	J	0.7459058
2.28	25	5703.666667	25	4033.616472	25			85.89990029	89.93787856			0.9182563256	1.006616136 0.08835981057			
2.07	25	5320.869565	25	3758.705123	25			82.96728868	86.81893745			0.8566282746	0.938010159 0.08138188441	83.99988778	ı	0.8780839
2.07	25	5425.782609	25	3740.694373	25			83.78124042	86.61068063			0.8735186491	0.933515455 0.0599968059			
2.35	25	6066.12	25	4269.339593	25			88.58722346	92.5285356			0.9766091511	1.065442428 0.08883327638	88.95990701	-	0.9848435
1.83	14	5147.642857	14	3551.963194	14			81.60556865	84.397497			0.8287398075	0.8864163192 0.05767651174			
2.00	25	5390.32	25	3786.809811	25			83.50699685	87.14291537			0.8678093805	0.945023873 0.0772144925	83.33991994		0.86434031
2.66	25	6693.083333	25	4779.380302	25			93.05264183	97.89964862			1.07754651	1.192726519 0.1151800093	93.5599009		1.089326
2.88	25	7007.478261	25	5069.729437	25			95.21304861	100.8295269			1.128162218	1.265185099 0.1370228811	97.63991194		1.18640
2.84	25	7260.434783	25	5079.229613	25			96.91631789	100.923955			1.16888671	1.267555932 0.09866922227	97.67991946	j	1.187378
1.31	25	3728.958333	24	2585.829205	25			69.45593415	72.0104055			0.600340058	0.6453110804 0.04497102242			
1.38	25	3868.04	25	2703.195965	25			70.73935078	73.62649116			0.622731377	0.6746007452 0.05186936816	71.17990589		0.6305121
1.42	25	3979.2	25	2763.561668	25			71.74860729	74.44403737			0.6406274743	0.6896654126 0.04903793834	71.53992115	i	0.6369062

		4480.520593			0.1032207077	Count HT 25	25 25 HT miscounts (b	3		2.586538159		0.20	0.17 RMSE		0.1733138068 0.06687757			
2.96	6957.08 6134.6	4830.699396 4285.17322	1.120048399 0.9876340228		0.08548514538	25 25	25 24 ML miscounts 25 25 total berries	4 2733		2.878481896 2.485560899	2.827265288 2.468057561	0.09	0.14 mean absolute error 0.10	0.08551810435	0.1367347119 0.1201671		58 2.84383204 61 2.536068892	0.12 0.01444
2.36	5816.56	4119.118057 4277.454327	0.9364314791		0.09152215313	25 25	25 25 rates %	0.1097694841 0.1463593121		2.333624567 2.447610257	2.358716708 2.462974971	0.03	0.00			0.934576 0.9946094		0.07 0.005018
2.57	6106.333333	4193.931945	0.983083258	1.046823941	0.06354068332	25	25 25 correct counts %			2.472057145	2.407978737	0.08	0.07					
2.46		4389.477238 4192.744423	1.009136386		0.08628719876	25 25	25 25 25 25			2.549366132 2.399703782	2.536737692 2.4071968	-0.09 -0.03	-0.07 -0.04			1.0097979	76 2.511105192	-0.05 0.002218
2.27	5676	4144.25394	0.9138021572	1.034226461	0.1204243038	25	25 25 HT miscounts (in	3		2.266475244	2.375267707	0.00	-0.11				27 2.322785446	-0.06 0.00322
1.79	4669.416667 5098.28	3250.049857 3501.804526		0.8110718141		25 25	25 25 ML miscounts (in 25 25 total images	4		1.785603093 1.990482735	1.786469167	0.00 -0.03	0.00			0.75440843 0.81809772	69 1.764352155 13 1.950578132	0.03 0.00069
1.85		3314.769807		0.8272231132	0.06126043913	25	25 25 rates %	3		1.827782416	1.829084732	0.03	0.02					0.01 0.0000
2.50		4335.247066 4280.423132	0.9889219751		0.09296810564	25 25	25 25 25 25			2.489382715 2.41693757	2.501029237 2.464929813	0.01	-0.01			0.99283066	89 2.461493184 09 2.469299418	0.03 0.001
2.34	5831.64	4097.544741	0.9388592692	1.022569866	0.08371059667	25	25 25			2.340828692	2.344511519	0.00	-0.01			0.94582646	67 2.324053996	0.01 0.0001
.28	5537.333333 6201.16	3810.33301 4371.466487	0.8914776507	0.9508942456		27 25	27 27 25 25			2.200230417 2.517358415	2.155393788 2.524878315	0.08 -0.08	0.12			0.90029135 0.99639079		0.09 0.0072 -0.03 0.0010
2.06	5542.12	3918.822676	0.8922482754	0.9779685719	0.08572029646	25	25 25			2.202517138	2.226830005	-0.15	-0.17			0.87933898		-0.07 0.0054
3.33	7951.75 7433.391304	5607.874834 5315.942336	1.280184338		0.1192985667	25 25	25 25 yolo 25 25 m	y=mx+b 0.379		3.353862725 3.106028721	3.339005026 3.146778854	-0.02 -0.11	-0.01 -0.15			1 2454467	75 3.20013677	-0.21 0.043
2.87	7092.95	5019.457671	1.141922659	1.252639442	0.1107167833	25	25 25 b	0.134		2.943390679	2.951555258	-0.07	-0.08					
.58		2952.179749 2891.220285		0.7367363242		25 25	25 25 1st	v=mx+b		1.592172976 1.544342938	1.590333309	-0.02 -0.01	-0.01 -0.01			0.69590270		0.02 0.0002
.55	4346	2952.37767	0.6996800872	0.7367857165	0.03710562928	25	24 25 m	0.337		1.631098182	1.590463632	-0.08	-0.04			0.67925255	89 1.544598125	0.01 0.0000
.43	5981 6442.7	4200.463316 4321.860454	0.9629053387		0.08534855032 0.04131307588	25 11	25 25 b	0.15		2.412182014 2.632748623	2.41227939 2.492214675	0.01 -0.11	0.01			0.95845317 0.96270788	42 2.360974194 09 2.373414857	0.07 0.0042
.38		4093.784254	0.9426587285		0.07897268269	25	25 25 truth				2.342035388	0.03	0.04					
2.40		4116.545093 4638.263102	0.944209906 1.042885835		0.08310162563	25 25	25 25 m 25 25 b	0.342			2.357022511	0.04	0.04				31 2.392999483 66 2.657088498	0.01 0.0000
		4216.494863	0.9611834024		0.09107126707	25	25 25			2.407072411	2.42283554	0.14	0.13			0.97292364	77 2.40328552	0.15 0.021
1.35		4139.305932 3721.891941	0.9504701592 0.8657769358	1.032991652 0.9288231815	0.08252149297	25 25	25 25 25 25			2.375282371 2.123967169	2.372009636	-0.02 -0.08	-0.02 -0.03			0.8776666	55 2.124756301	-0.06 0.0036
.32	5916.88	4092 200891	0.952582401		0.0686538714	25	25 25			2.381550151	2.340992803	-0.06	-0.02					
.79 .68		3250.049857 3083.796774		0.8110718141		25 25	25 25 25 25			1.782728768	1.786469167	0.01	0.00			0.72144510	83 1.667968153	0.01 0.0001
.78	4577 5703.686867	3221.351408 4033.616472	0.7368697099	0.803909923		25	25 25			1.741453145 2.279692361	1.767572356	0.04	0.01			0.74590586		0.04 0.0016
.07	5320.869565	3758.705123	0.8566282746	0.938010159	0.08138188441	25 25	25 25 25 25			2.096819806	2.121398837	-0.03	-0.05			0.87808391	36 2.125976356	-0.06 0.0031
	5425.782609	3740.694373	0.8735186491	0.933515455	0.0599968059	25 25	25 25			2.146939612	2.109539459	-0.08	-0.04					
	5147.642857	4269.339593 3551.963194	0.9766091511 0.8287398075	0.8864163192		25 14	25 25 14 14			2.452846146 2.014064711	2.457631735 1.985267333	-0.10 -0.19	-0.11 -0.16				11 2.438139067	-0.09 0.0081
.00	5390.32	3786.809811 4779.380302	0.8678093805		0.0772144925	25 25	25 25		010		2.139904678 2.793473665	-0.13	-0.14				91 2.085790378 17 2.743645079	-0.08 0.0070 -0.08 0.0066
	6693.083333 7007.478261	4779.380302 5069.729437	1.07754651		0.1151800093	25 25	25 25 25 25		2*2	2.902558511	2.793473665 2.984657255	-0.09 -0.02	-0.13 -0.10			1.0893266		-0.08 0.0066 -0.14 0.020
.84	7260.434783	5079.229613	1.16888671	1.267555932	0.09866922227	25	25 25			3.023402701	2.99091275	-0.19	-0.15			1.1873785		-0.19 0.037
.31 .38		2585.829205 2703.195965	0.622731377	0.6453110804 0.6746007452	0.05186936816	25 25	24 25 25 25			1.336320647	1.349105753 1.426387191	-0.03 -0.02	-0.04 -0.04			0.63051210	41 1.402082176	-0.02 0.0004
.42		2763.561668		0.6896654126		25	25 25			1.455867876	1.466135653	-0.04	-0.06			0.6369062		0.00 0.0000
.04	4059.6	3164.251391 2839.33217		0.5924708789 0.5316333688		30 30	30 30 30 30			1.175641485	1.049164561	0.03	0.00 -0.01			0.55454568 0.49824705		0.03 0.0009
		3257.109015		0.6098574363		30	30 30			1.235842798	1.255560518	0.08	0.06			0.5837022		0.06 0.0023
39		3459.812427 3476.140855		0.6478113957 0.6508687122		30 30	30 30 30 30			1.352814365 1.331086801	1.355702891	0.05	0.05			0.61486733 0.62069004		0.05 0.0020
		3406.703804		0.6378673966		30	30 30			1.311335969	1.329465426	0.04	0.02			0.59781301		0.04 0.0018
	4508.689655 4675.386667	3181.239553 3250.511671	0.5647447618	0.5956517233 0.6086221569	0.0438773961	30 30	30 30 30 30			1.170954267	1.218078426	0.04	-0.01 -0.02			0.56079981		-0.01 0.0001 -0.01 0.0000
	4772.933333 6222.833333	3315.165648 4409.830046		0.620727895 0.8256916283		30	30 30			1.265667627	1.284242467	-0.01 -0.02	-0.02 -0.06			0.58567251 0.75769320		-0.01 0.0001 -0.01 0.0000
84	6242.407407	4386.73934		0.8256916283		30 30	30 30 30 30			1.792373987	1.825043874	0.04	0.02			0.75909580		0.06 0.0032
.11 .28	7169.5 4860.786667	4964.666724 3382.128695		0.9295786252 0.6332659808		30	30 30			2.124673531 1.297149894	2.099152045 1.317324488	-0.01 -0.02	0.01			0.87158250 0.59011738		0.00 0.0000
		4384.100402	0.7670907312	0.8208740386	0.05378330746	30	30 30			1.831129766	1.812332556	-0.02	-0.04			0.76640934		0.01 0.0000
.11 .84		2578.407193 2029.013323		0.5967082851		30	30 30			1.173904667	1.220866188	-0.07 -0.08	-0.12 -0.04			0.55876500	26 1.192295329 52 0.8787033778	-0.09 0.0076 -0.04 0.0012
20		2519.360959		0.4695647235		30	30 30			1.187638218	1.184811349	0.01	0.02			0.56198123		0.00 0.0000
		2695.345125 3003.935917		0.6237706643		30 30	30 30 30 30			1.300063285	1.292270882	0.00 -0.01	0.02			0.60157993		-0.02 0.0000
		2901.512143		0.6714828984		30	30 30				1.418160682	-0.08	-0.02			0.64195142		-0.04 0.0015
		2664.172672 2463.943264		0.6165565745		30 30	30 30			1.386380076	1.273236344	0.03	0.12			0.62004983		-0.02 0.0004
	3932.037037	2602.817367	0.5870413186	0.6023574136	0.01531609498	30	30 30			1.296858512	1.23577154	0.01	0.07			0.59908246	29 1.31018264	0.00 0.0000
.35 .40		2646.843268 2794.601037		0.6125461144		30 30	30 29			1.359431658	1.262654655	-0.01	0.09			0.61386218 0.62910595		0.00 0.0000
.25	3848.285714	2588.79801	0.5745374977	0.5991129817	0.02457548398	30	30 30			1.259755186	1.227211033	-0.01	0.02			0.58804746	61 1.277916568	-0.03 0.0007
	4273.724138 3897.166667	2967.485589 2782.759941		0.555628671		30 30	30 30			1.086735135	1.112476704	0.03	0.00			0.52356981	85 1.089385434 34 0.9724516767	0.02 0.0005 -0.01 0.0001
.30	4732.266667	3267.664767	0.5716178007	0.6118338834	0.04021608263	30	30 30			1.251091397	1.260775418	0.04	0.03			0.57903563	43 1.251566182	0.04 0.0018
.24 .35	4513.4 4839.444444	3169.199399 3324.072063		0.5933973384		30 30	30 30			1.172642605	1.212130181	0.07	0.03			0.55790882 0.60055561		0.05 0.0026
.54	5387.433333	3718.263401	0.6507563945	0.6962034659	0.04544707145	30	30 30			1.485924019	1.483386454	0.05	0.05			0.66405356	39 1.50015662	0.04 0.0013
	4592.448276 4899.433333	3221.483355 3404.394733		0.6031869276		30 3n	30 30 30 30			1.200976028	1.237960231	0.02	-0.02 -0.01			0.56490782		0.01 0.0000
.39	5103	3518.693728	0.6163992527	0.6588362643	0.04243701152	30	30 30			1.383974044	1.384792254	0.00	0.00			0.62501124	48 1.385997792	0.00 0.0000
	5744.166667 6465.866667	4005.577757 4514.892758		0.7499998835		30 30	30 30			1.61378862	1.625329508	-0.24 0.24	-0.26 0.23			0.69565453		-0.22 0.049 0.22 0.048
.78	6019.769231	4245.226299	0.7271372243	0.7948714074	0.06773418313	30	30 30			1.712573366	1.74372403	0.07	0.03			0.74930574	21 1.749431994	0.03 0.0006
.74		3365.635334 4180.077521		0.6301777823		30 30	30 30 30 30			1.276850702	1.309176207	0.00	-0.03			0.58517946 0.72551961		0.01 0.0001
.05	3438.310345	2405.226898	0.5130308125	0.5566300084	0.04359919585	30	30 30			1.077242767	1.115118758	-0.03	-0.07			0.52762645	51 1.101246945	-0.06 0.0027
		2352 942942 2740 866803		0.5445301858 0.6343055256		30 30	30 30 30 30			1.04783657	1.083193102	-0.05 0.05	-0.09 -0.04			0.51393053 0.58777264		-0.07 0.0043 0.00 0.0000
.34	4049.733333	2805.190912	0.6046130221	0.6491917426	0.04457872049	30	31 30			1.349000066	1.359344967	-0.01	-0.02			0.61948605	81 1.369842275	-0.03 0.0007
.45 .56	4468.32 4487.64	2907.28482 3107.019428		0.672818841		30 30	30 30 30 30			1.534441407	1.421685596 1.543647634	-0.08 0.02	0.03			0.65318988 0.67360510		-0.02 0.0003 0.03 0.0010
<i>A</i> 6	4090.814815	2788.532617	0.6107463639	0.6453365941	0.03459023019	30	30 30			1.367199893	1.349173072	0.09	0.11			0.6310955	19 1.403788067	0.06 0.0029
		2850.052855 2652.303139		0.6595739248 0.613809668		27 29	27 27 29 29			1.448871043 1.304471855	1.386738588	0.00	0.06			0.64327208 0.60284441		0.01 0.0000
.40	4153.75	2730.640919	0.620142398	0.6319389988	0.01179660074	30	30 30			1.3950813	1.313823216	0.00	0.08			0.62598563	17 1.388846876	0.01 0.0000
	4073.269231 3854.884615	2676.87256 2468.231538	0.6081268609 0.5755226938	0.6194956481		30 30	30 29 30 30			1.359426887 1.262678617	1.280991156	-0.01 0.02	0.06			0.61554707 0.58448305	12 1.35832477 44 1.267494311	0.02 0.0001
	• - 1.5	YOLOx6-Based R*= 0.983	- HT-Based R*=	0.985 A — L	abel R* = 0.985	0.30	♦ YOLOx5-Based ■ HT-Based	▲ Label										
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