

	Case1		Case2		Case3		Case4		Case2-Training data	
Training data	30600									
Test data	3400								30600	
batch size	64									
Preprocessing	299x299x3									
Normalization	0~1									
epochs	30									
Batch Normalization	TRUE		TRUE		FALSE		FALSE		TRUE	
Dropout	FALSE		TRUE(0.25)		FALSE		TRUE(0.25)		TRUE(0.25)	
ACC										
Train Accuracy	0.9969		0.9968		0.999		0.9937		0.9968	
Test Accuracy	0.621425		0.65115		0.566125		0.5326		0.949475	
CNV	0.4764	CNV :405 DME :292 Drusen :137 Normal :16	0.5894	CNV :501 DME :248 Drusen :94 Normal :7	0.3705	CNV :315 DME :338 Drusen :173 Normal :24	0.3141	CNV :267 DME :373 Drusen :185 Normal :25	0.9272	CNV :7093 DME :449 Drusen :83 Normal :25
DME	0.7035	CNV :28 DME :598 Drusen :85 Normal :139	0.6741	CNV :22 DME :573 Drusen :68 Normal :187	0.6576	CNV :23 DME :559 Drusen :86 Normal :182	0.5941	CNV :20 DME :505 Drusen :38 Normal :287	0.9776	CNV :38 DME :7479 Drusen :65 Normal :68
Drusen	0.547	CNV :42 DME :183 Drusen :465 Normal :160	0.4517	CNV :38 DME :153 Drusen :384 Normal :275	0.4376	CNV :37 DME :168 Drusen :372 Normal :273	0.3258	CNV :13 DME :177 Drusen :277 Normal :383	0.8986	CNV :20 DME :351 Drusen :6875 Normal :404
Normal	0.7588	CNV :1 DME :135 Drusen :69 Normal :645	0.8894	CNV :2 DME :68 Drusen :24 Normal :756	0.7988	CNV :1 DME :120 Drusen :50 Normal :679	0.8964	CNV :0 DME :64 Drusen :24 Normal :762	0.9945	CNV :1 DME :31 Drusen :10 Normal :7608

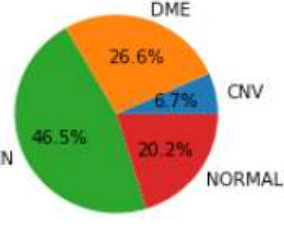
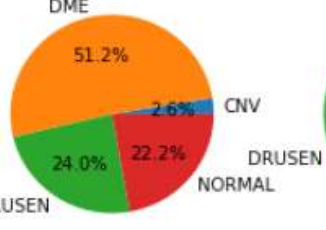
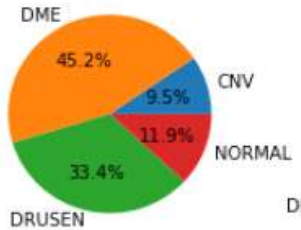
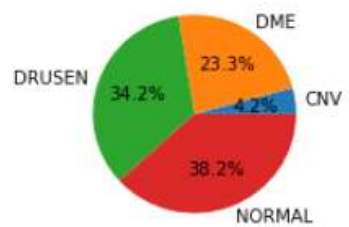
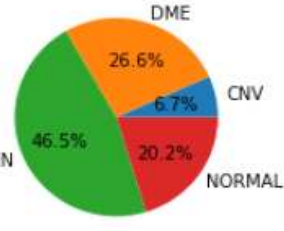
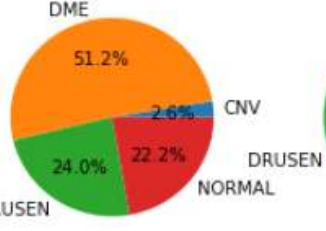
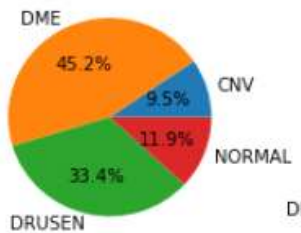
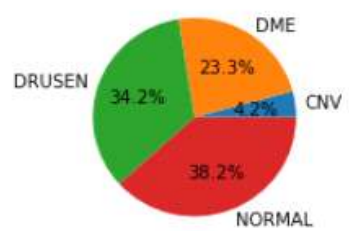
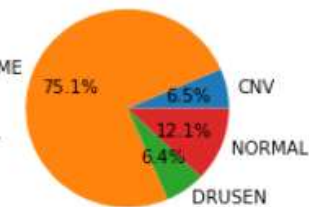
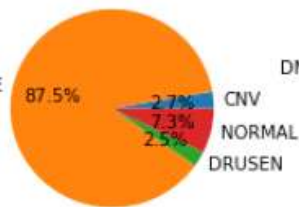
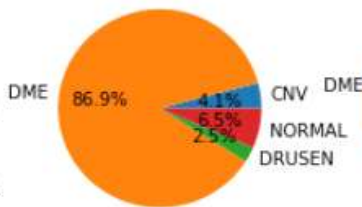
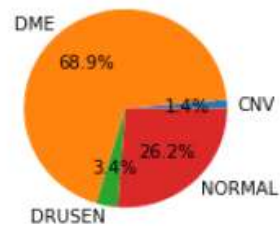
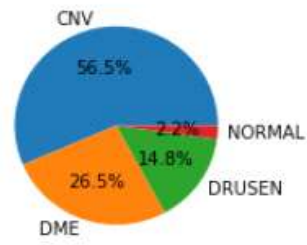
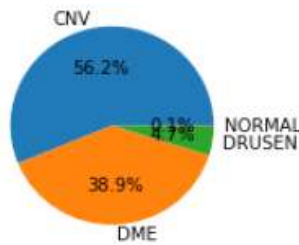
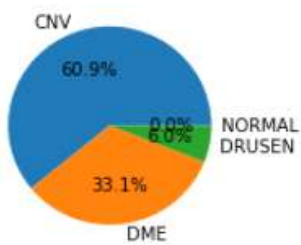
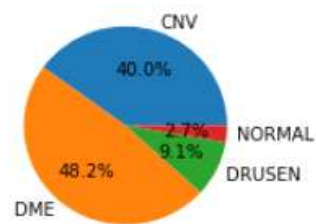
Case5
76,484
8000
64
299x299x3
0~1
50
TRUE
TRUE(0.25)

ACC	
0.9949	
0.691875	
0.84	CNV :1680 DME :263 Drusen :7 Normal :50
0.7475	CNV :93 DME :1495 Drusen :6 Normal :406
0.2075	CNV :375 DME :292 Drusen :415 Normal :918
0.9725	CNV :4 DME :44 Drusen :7 Normal :1945

Case6-fully connected	Case6-Training data	Case7-fully connected	Case7-Training data
30,600			
3400	30600		
64			
299x299x3			
(-1~1)		0~1	
30			
TRUE			
TRUE(0.1)			

ACC				
0.9589				
0.43495		0.974175		
0.4423	CNV :376 DME :177 Drusen :173 Normal :124	0.9769	CNV :7474 DME :85 Drusen :27 Normal :64	loss가 안떨어지고 학습이 전혀 안됨...
0.4823	CNV :95 DME :410 Drusen :167 Normal :178	0.9822	CNV :25 DME :7514 Drusen :44 Normal :67	
0.2752	CNV :120 DME :179 Drusen :234 Normal :317	0.9675	CNV :21 DME :80 Drusen :7402 Normal :147	
0.54	CNV :76 DME :140 Drusen :175 Normal :459	0.9701	CNV :39 DME :89 Drusen :100 Normal :7422	

	<b>batch</b>							
training data	30,600							
test data	3400							
batch_size	64							
preprocessing	299x299x3							
normalization	0~1							
epochs	30							
batch normalization	<b>TRUE</b>							
dropout	<b>TRUE(0.25)</b>							
	<b>batch1</b>		<b>batch2</b>		<b>batch3</b>		<b>batch4</b>	
<b>Train acc</b>	-		-		-		-	
<b>Test acc</b>	<b>0.582325</b>		<b>0.616725</b>		<b>0.600825</b>		<b>0.662325</b>	
CNV	0.4	CNV :340 DME :410 Drusen :77 Normal :23	0.5929	CNV :504 DME :293 Drusen :53 Normal :0	0.5623	CNV :478 DME :331 Drusen :40 Normal :1	0.5647	CNV :480 DME :225 Drusen :126 Normal :19
DME	0.6894	CNV :12 DME :586 Drusen :29 Normal :223	0.8694	CNV :35 DME :739 Drusen :21 Normal :55	0.8752	CNV :23 DME :744 Drusen :21 Normal :62	0.7505	CNV :55 DME :638 Drusen :54 Normal :103
DRUSEN	0.3423	CNV :36 DME :198 Drusen :291 Normal :325	0.3341	CNV :81 DME :384 Drusen :284 Normal :101	0.24	CNV :22 DME :435 Drusen :204 Normal :189	0.4647	CNV :57 DME :226 Drusen :395 Normal :172
NORMAL	0.8976	CNV :0 DME :72 Drusen :15 Normal :763	0.6705	CNV :3 DME :242 Drusen :35 Normal :570	0.7258	CNV :2 DME :208 Drusen :23 Normal :617	0.8694	CNV :4 DME :66 Drusen :41 Normal :739



Total
76,484
8000
64
299x299x3
0~1
30
TRUE
TRUE(0.25)

Total1		Total2		Total3		Total4	
0.9942		0.9947		0.9954		0.9959	
0.646		0.7045		0.608375		0.622375	
0.8525	CNV :1705 DME :229 Drusen :2 Normal :64	0.926	CNV :1852 DME :96 Drusen :37 Normal :15	0.6075	CNV :1215 DME :577 Drusen :56 Normal :152	0.862	CNV :1724 DME :188 Drusen :18 Normal :70
0.6945	CNV :180 DME :1389 Drusen :1 Normal :430	0.6345	CNV :322 DME :1269 Drusen :18 Normal :391	0.7465	CNV :89 DME :1493 Drusen :8 Normal :410	0.607	CNV :176 DME :1214 Drusen :2 Normal :608
0.067	CNV :631 DME :247 Drusen :134 Normal :988	0.2895	CNV :504 DME :129 Drusen :579 Normal :788	0.116	CNV :425 DME :528 Drusen :232 Normal :815	0.052	CNV :984 DME :227 Drusen :104 Normal :685
0.97	CNV :7 DME :53 Drusen :0 Normal :1940	0.968	CNV :9 DME :39 Drusen :16 Normal :1936	0.9635	CNV :5 DME :65 Drusen :3 Normal :1927	0.9685	CNV :7 DME :49 Drusen :7 Normal :1937

