

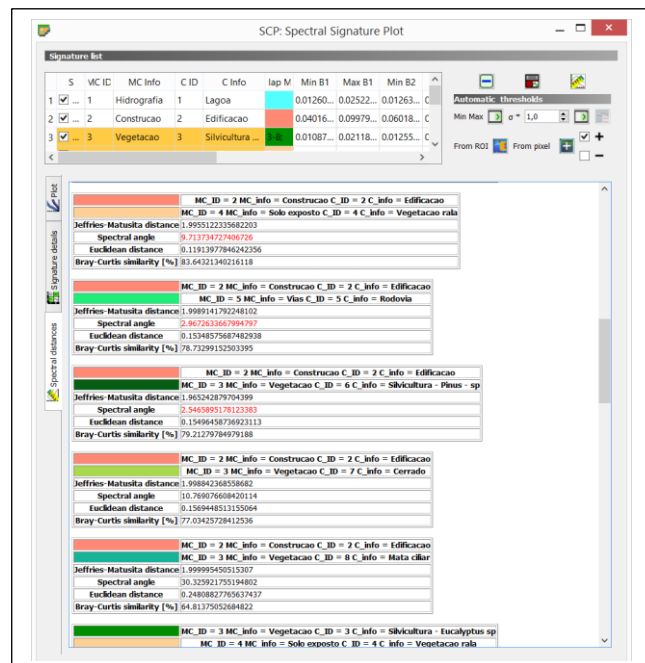
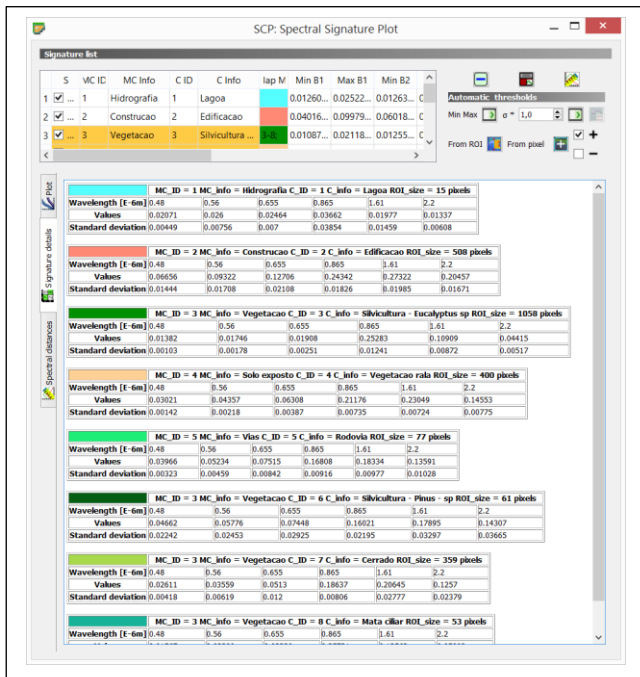
SCP & Dock

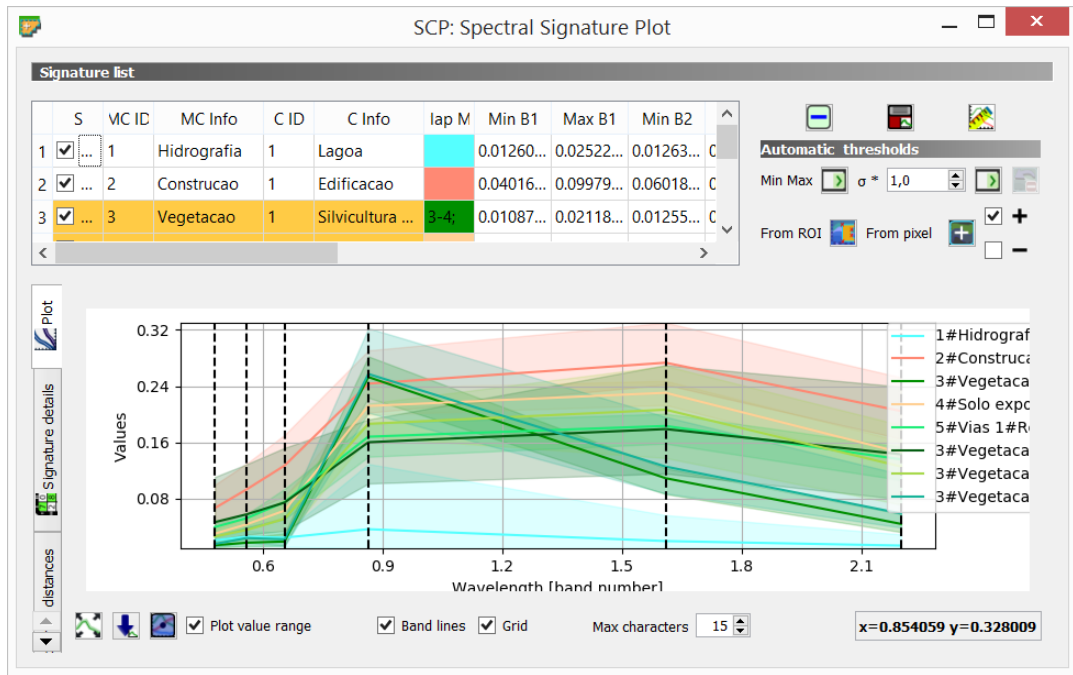
qgisdb/Projeto_08_17_3_6_8_2/dados_prj_08/Training_input/treinamento_1.scp

S	Type	MC ID	C ID	C Info	Color
1	B	1	1	Lagoa	
2	B	2	2	Edificacao	
3	B	3	3	Silvicultura - Eucalyptus sp	
4	B	4	4	Vegetacao rala	
5	B	5	5	Rodovia	
6	B	3	6	Silvicultura - Pinus - sp	
7	B	3	7	Cerrado	
8	B	3	8	Mata ciliar	

MC ID: 3 MC Info: Vias
 C ID: 9 C Info: Mata ciliar

Autosave Signature





SCP & Dock

qqisdb/Projeto_08_17_3_6_8_2/dados_prj_08/Training_input/treinamento_1_scp

S	Type	MC ID	C ID	C Info	Color
1	B	1	1	Lagoa	
2	B	2	1	Edificacao	
3	B	3	1	Silvicultura - Eucalyptus sp	
4	B	4	1	Vegetacao rala	
5	B	5	1	Rodovia	
6	B	3	2	Silvicultura - Pinus - sp	
7	B	3	3	Cerrado	
8	B	3	4	Mata ciliar	

MC ID: 3 MC Info: Vias
C ID: 9 C Info: Mata ciliar

Autosave Signature

SCP: Spectral Signature Plot

Signature list

S	MC ID	MC Info	C ID	C Info	lap M	Min B1	Max B1	Min B2
1	1	Hidrografia	1	Lagoa	0.01260...	0.02522...	0.01263...	
2	2	Construcao	1	Edificacao	0.04016...	0.09979...	0.06018...	
3	3	Vegetacao	1	Silvicultura ...	0.01087...	0.02118...	0.01255...	

Automatic thresholds: Min Max $\sigma^* 1,0$

From ROI From pixel

Spectral distances

MC_ID = 1 MC_Info = Hidrografia C_ID = 1 C_Info = Lagoa ROI_size = 15 pixels

Wavelength [E-6m] 0.48 0.56 0.655 0.865 3.61 2.2

Values 0.01382 0.01746 0.01988 0.25283 0.19069 0.04415

Standard deviation 0.00449 0.00756 0.007 0.03854 0.01459 0.00608

MC_ID = 2 MC_Info = Construcao C_ID = 1 C_Info = Edificacao ROI_size = 508 pixels

Wavelength [E-6m] 0.48 0.56 0.655 0.865 3.61 2.2

Values 0.06656 0.09322 0.12706 0.24342 0.27232 0.20457

Standard deviation 0.01444 0.01708 0.02108 0.01826 0.01983 0.01871

MC_ID = 3 MC_Info = Vegetacao C_ID = 1 C_Info = Silvicultura - Eucalyptus sp ROI_size = 1058 pixels

Wavelength [E-6m] 0.48 0.56 0.655 0.865 3.61 2.2

Values 0.03021 0.04257 0.06308 0.21176 0.22949 0.14553

Standard deviation 0.00323 0.00459 0.00842 0.00916 0.00977 0.01028

MC_ID = 4 MC_Info = Solo exposto C_ID = 1 C_Info = Vegetacao rala ROI_size = 400 pixels

Wavelength [E-6m] 0.48 0.56 0.655 0.865 3.61 2.2

Values 0.02611 0.03359 0.0513 0.18637 0.20645 0.1257

Standard deviation 0.00418 0.00619 0.012 0.08086 0.02777 0.02379

MC_ID = 5 MC_Info = Vias C_ID = 1 C_Info = Rodovia ROI_size = 77 pixels

Wavelength [E-6m] 0.48 0.56 0.655 0.865 3.61 2.2

Values 0.03966 0.05234 0.07515 0.16808 0.18334 0.13591

Standard deviation 0.00323 0.00459 0.00842 0.00916 0.00977 0.01028

MC_ID = 3 MC_Info = Vegetacao C_ID = 2 C_Info = Silvicultura - Pinus - sp ROI_size = 61 pixels

Wavelength [E-6m] 0.48 0.56 0.655 0.865 3.61 2.2

Values 0.04662 0.05776 0.07448 0.16021 0.17895 0.14307

Standard deviation 0.02342 0.02453 0.02925 0.02195 0.03297 0.03665

MC_ID = 3 MC_Info = Vegetacao C_ID = 3 C_Info = Cerrado ROI_size = 359 pixels

Wavelength [E-6m] 0.48 0.56 0.655 0.865 3.61 2.2

Values 0.02611 0.03359 0.0513 0.18637 0.20645 0.1257

Standard deviation 0.00418 0.00619 0.012 0.08086 0.02777 0.02379

MC_ID = 3 MC_Info = Vegetacao C_ID = 4 C_Info = Mata ciliar ROI_size = 53 pixels

Wavelength [E-6m] 0.48 0.56 0.655 0.865 3.61 2.2

Values 0.01567 0.02399 0.02229 0.25721 0.12562 0.05893

SCP: Spectral Signature Plot

Signature list

S	MC ID	MC Info	C ID	C Info	lap M	Min B1	Max B1	Min B2
1	1	Hidrografia	1	Lagoa	0.01260...	0.02522...	0.01263...	
2	2	Construcao	1	Edificacao	0.04016...	0.09979...	0.06018...	
3	3	Vegetacao	1	Silvicultura ...	0.01087...	0.02118...	0.01255...	

Automatic thresholds: Min Max $\sigma^* 1,0$

From ROI From pixel

Spectral distances

MC_ID = 2 MC_Info = Construcao C_ID = 1 C_Info = Edificacao

MC_ID = 4 MC_Info = Solo exposto C_ID = 1 C_Info = Vegetacao rala

Jeffries-Matusita distance: 1.99512235642203

Spectral angle: 0.712734272406726

Euclean distance: 0.11913977846242356

Bray-Curtis similarity (%): 83.64321340216118

MC_ID = 2 MC_Info = Construcao C_ID = 1 C_Info = Edificacao

MC_ID = 5 MC_Info = Vias C_ID = 1 C_Info = Rodovia

Jeffries-Matusita distance: 1.9999141792248102

Spectral angle: 0.5972833627954797

Euclean distance: 0.1534857567482938

Bray-Curtis similarity (%): 78.7329915250395

MC_ID = 2 MC_Info = Construcao C_ID = 1 C_Info = Edificacao

MC_ID = 3 MC_Info = Vegetacao C_ID = 2 C_Info = Silvicultura - Pinus - sp

Jeffries-Matusita distance: 1.965242879704399

Spectral angle: 0.5465895178123383

Euclean distance: 0.15496458736923113

Bray-Curtis similarity (%): 79.21279784979188

MC_ID = 2 MC_Info = Construcao C_ID = 1 C_Info = Edificacao

MC_ID = 3 MC_Info = Vegetacao C_ID = 3 C_Info = Cerrado

Jeffries-Matusita distance: 1.998842368558682

Spectral angle: 10.769078680420114

Euclean distance: 0.156944851155064

Bray-Curtis similarity (%): 77.03425728412536

MC_ID = 2 MC_Info = Construcao C_ID = 1 C_Info = Edificacao

MC_ID = 3 MC_Info = Vegetacao C_ID = 4 C_Info = Mata ciliar

Jeffries-Matusita distance: 1.999995450515307

Spectral angle: 30.325921755194802

Euclean distance: 0.2488827765637437

Bray-Curtis similarity (%): 64.8137505264822

MC_ID = 3 MC_Info = Vegetacao C_ID = 1 C_Info = Silvicultura - Eucalyptus sp

MC_ID = 4 MC_Info = Solo exposto C_ID = 1 C_Info = Vegetacao rala