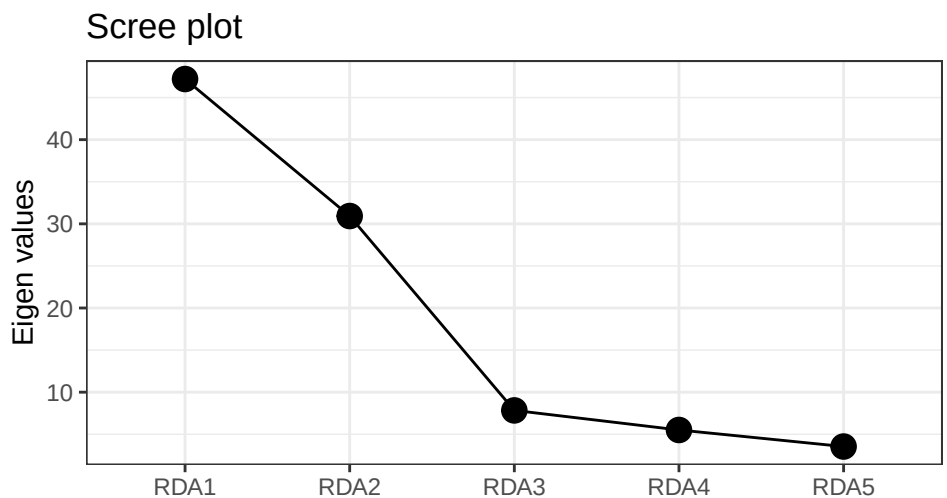
geno_pop ~ bio1 + bio12 + bio15 + bio3 + bio4

r.squared	0.37
adj.r.squared	0.26

	RDA1	RDA2	RDA3	RDA4	RDA5
Eigenvalue	47.2	30.93	7.83	5.51	3.54
Proportion Explained	0.5	0.33	0.08	0.06	0.04
Cumulative Proportion	0.5	0.82	0.9	0.96	1

	Df	Variance	F	Pr(>F)
Model	5	95.016	3.313	0.001
RDA1	1	47.202	8.23	0.002
RDA2	1	30.926	5.392	0.001
RDA3	1	7.835	1.366	0.632
RDA4	1	5.509	0.961	0.747
RDA5	1	3.544	0.618	0.815

	bio1	bio12	bio15	bio3	bio4
VIF	1.75	1.54	1.36	1.63	1.99

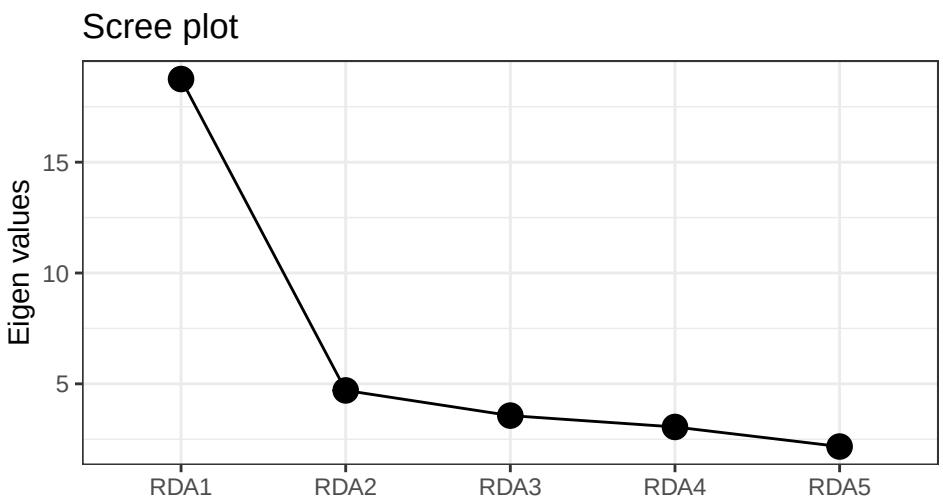


geno_pop ~ bio1 + bio12 + bio15 + bio3 + bio4 + Condition(PC1 + PC2 + PC3)

r.squared	0.13
adj.r.squared	0.07

	RDA1	RDA2	RDA3	RDA4	RDA5
Eigenvalue	18.75	4.7	3.57	3.06	2.17
Proportion Explained	0.58	0.15	0.11	0.09	0.07
Cumulative Proportion	0.58	0.73	0.84	0.93	1

	Df	Variance	F	Pr(>F)
Model	5	32.249	2.132	0.001
RDA1	1	18.751	6.199	0.001
RDA2	1	4.704	1.555	0.452
RDA3	1	3.567	1.179	0.707
RDA4	1	3.055	1.01	0.734
RDA5	1	2.173	0.718	0.877



	PC1	PC2	PC3	bio1	bio12	bio15	bio3	bio4
VIF	2.25	3.04	1.8	2.24	1.63	3.89	2.25	4.82

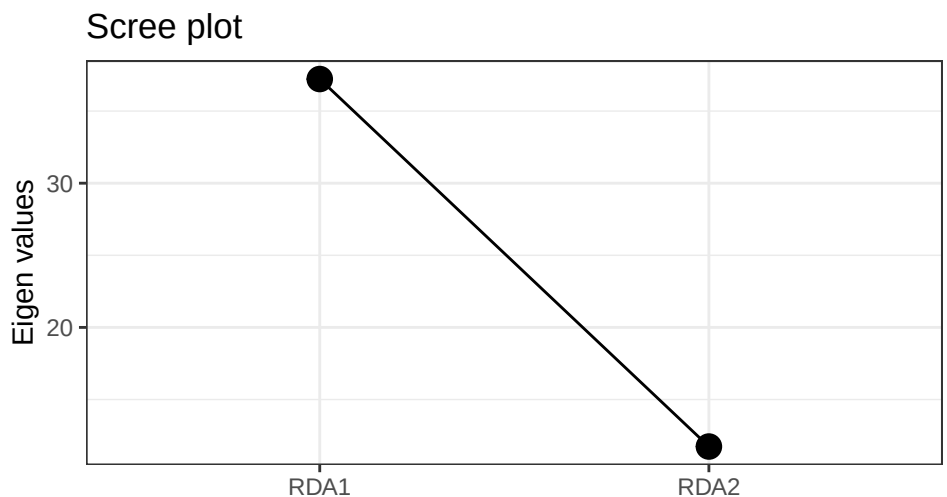
geno_pop ~ MSP + MWMT

r.squared	0.19
adj.r.squared	0.14

	RDA1	RDA2
Eigenvalue	37.22	11.74
Proportion Explained	0.76	0.24
Cumulative Proportion	0.76	1

	Df	Variance	F	Pr(>F)
Model	2	48.962	3.673	0.001
RDA1	1	37.223	5.584	0.001
RDA2	1	11.739	1.761	0.079

	MSP	MWMT
VIF	1.39	1.39



geno_pop ~ MSP + MWMT + Condition(PC1 + PC2 + PC3)

r.squared	0.06
adj.r.squared	0.04

	RDA1	RDA2
Eigenvalue	12.92	2.49
Proportion Explained	0.84	0.16
Cumulative Proportion	0.84	1

	Df	Variance	F	Pr(>F)
Model	2	15.408	2.333	0.001
RDA1	1	12.923	3.913	0.001
RDA2	1	2.485	0.753	0.85

	PC1	PC2	PC3	MSP	MWMT
VIF	1.52	1.23	1.5	1.81	2.38