

	PCA1	PCA2	PCA3
Climate variables			
Standard deviation	3.30	2.54	
Proportion of variance	0.57	0.34	
Cumulative proportion	0.57	0.91	
Factor loadings			
Isothermality (BIO03)	<b>0.98</b>	0.11	
Precipitation seasonality (BIO15)	<b>-0.98</b>	-0.12	
Temperature annual range (BIO07)	<b>-0.98</b>	-0.02	
Precipitation coldest quarter (BIO19)	<b>0.96</b>	0.22	
Temperature seasonality (BIO04)	<b>-0.96</b>	0.17	
Precipitation driest quarter (BIO17)	<b>0.94</b>	0.28	
Precipitation driest month (BIO14)	<b>0.94</b>	0.29	
Minimum temperature coldest month (BIO06)	<b>0.93</b>	-0.32	
Annual precipitation (BIO12)	<b>0.85</b>	0.48	
Mean temperature driest quarter (BIO09)	<b>0.84</b>	-0.50	
Mean temperature coldest quarter (BIO11)	<b>0.83</b>	-0.52	
Diurnal temperature range (BIO02)	<b>-0.75</b>	-0.06	
Mean temperature wettest quarter (BIO08)	-0.15	<b>-0.98</b>	
Precipitation warmest quarter (BIO18)	0.05	<b>0.98</b>	
Mean temperature warmest quarter (BIO10)	-0.23	<b>-0.95</b>	
Maximum temperature warmest month (BIO05)	-0.50	<b>-0.81</b>	
Mean annual temperature (BIO01)	0.56	<b>-0.80</b>	
Precipitation wettest quarter (BIO16)	-0.29	<b>0.78</b>	
Precipitation wettest month (BIO13)	-0.36	<b>0.76</b>	
Soil variables			
Standard deviation	2.29	1.86	1.49
Proportion of variance	0.44	0.29	0.18
Cumulative proportion	0.44	0.72	0.91
Factor loadings			
Easily available water	<b>-0.94</b>	0.15	0.11
Soil moisture storage capacity (mm/m)	<b>-0.94</b>	0.15	0.11
Cation exchange capacity (soil) -Topsoil	<b>0.92</b>	-0.02	-0.08
Effective soil depth (cm)	<b>0.90</b>	0.09	0.24
Cation exchange capacity (clay) -Topsoil	<b>0.83</b>	-0.37	-0.19
Nitrogen % - Topsoil	<b>0.69</b>	-0.62	0.25
Organic carbon pool (kg/m <sup>2</sup> /m)	-0.43	<b>-0.88</b>	-0.02
C/N ratio class - Topsoil	-0.30	<b>-0.79</b>	-0.49
pH - Topsoil	0.36	<b>0.78</b>	-0.42
Base saturation % - Topsoil	0.28	<b>0.70</b>	0.57
Soil drainage class	0.32	0.05	<b>-0.92</b>
Organic carbon % -Topsoil	0.26	-0.61	<b>0.66</b>