Variance covariance models for multi-environment data

1   General information

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Pipeline version	0.0.0.9000
Mixed model engine	asreml

2   Summary

Table 1: Fitted models ordered by BIC

	AIC	BIC	Deviance	NParameters
fa	17471	17555	17439	16
outside	17523	17571	17505	9
fa2	17455	17577	17409	23
unstructured	17456	17647	17384	36
hcs	17692	17740	17674	9
cs	17918	17928	17914	2
diagonal	17906	17949	17890	8
identity	18287	18292	18285	1

3 Covariance matrix

Table 2: Covariance matrix for the best model

	HN96b	IS92a	IS94a	LN96a	LN96b	NS92a	SS92a	SS94a
HN96b	106.81	38.67	41.05	10.14	6.89	43.59	29.72	38.41
IS92a	38.67	101.30	59.52	14.71	9.98	63.20	43.10	55.69
IS94a	41.05	59.52	103.60	15.61	10.60	67.10	45.75	59.12
LN96a	10.14	14.71	15.61	20.63	2.62	16.58	11.31	14.61
LN96b	6.89	9.98	10.60	2.62	18.53	11.25	7.67	9.92
NS92a	43.59	63.20	67.10	16.58	11.25	185.11	48.58	62.78
SS92a	29.72	43.10	45.75	11.31	7.67	48.58	81.36	42.81
SS94a	38.41	55.69	59.12	14.61	9.92	62.78	42.81	107.51

4 Heatmap

Heatmap for the fitted correlation between environments from the best model