

Covariates	Univariate		Multivariate		Multilevel: (1 location) + (1 method) + (1 location/method)			
Model 1	HR(95%CI)	p	HR(95%CI)	p	HR(95%CI)	p	Variance	SD
Photoperiod	1.17(1.15-1.18)	<0.05	1.14(1.12-1.15)	<0.05	1.14(1.13-1.16)	<0.05	-	-
MWI _{max}	0.69(0.64-0.75)	<0.05	0.65(0.60-0.70)	<0.05	0.64(0.59-0.70)	<0.05	-	-
<i>Location</i>	UR; 0.80(0.77-0.82)	<0.05	0.80(0.77-0.83)	<0.05	-	-	0.016	0.1285
<i>Location/method*</i>	-	-	-	-	-	-	0.003	0.0593
<i>Location(interc)</i>							0.0004	0.0201
<i>Method</i>	BG; 1.31(1.27-1.36)	<0.05	1.29(1.25-1.34)	<0.05	-	-	0.033	0.1842
Model 2	HR(95%CI)	p	HR(95%CI)	p	HR(95%CI)	p	Variance	SD
Photoperiod	1.17(1.15-1.18)	<0.05	1.18(1.16-1.20)	<0.05	1.18(1.17-1.20)	<0.05	-	-
MWI _{min}	1.16(1.09-1.24)	<0.05	0.67(0.62-0.72)	<0.05	0.67(0.620.72)	<0.05	-	-
<i>Location</i>	UR; 0.80(0.77-0.82)	<0.05	0.77(0.75-0.80)	<0.05	-	-	0.0119	0.1091
<i>Location/method*</i>	-	-	-	-	-	-	0.0028	0.0532
<i>Location(interc)</i>							0.0119	0.1091
<i>Method</i>	BG; 1.31(1.27-1.36)	<0.05	1.30(1.25-1.35)	<0.05	-	-	0.0351	0.1874
Model 3	HR(95%CI)	p	HR(95%CI)	p	HR(95%CI)	p	Variance	SD
Photoperiod	1.17(1.15-1.18)	<0.05	1.23(1.20-1.26)	<0.05	1.23(1.20-1.26)	<0.05	-	-
Mintemperature	1.03(1.03-1.03)	<0.05	0.97(0.96-0.98)	<0.05	0.97(0.96-0.98)	<0.05	-	-
MinRH	0.997(0.996-0.999)	<0.05	0.99(0.997-1.0001)	0.07	0.99(0.997-1.00)	0.089	-	-
<i>Location</i>	UR; 0.80(0.77-0.82)	<0.05	0.79(0.76-0.82)	<0.05	-	-	0.0093	0.0968
<i>Location/method*</i>	-	-	-	-	-	-	0.0029	0.0543
<i>Location (interc)</i>							0.0093	0.0968
<i>Method</i>	BG; 1.31(1.27-1.36)	<0.05	1.30(1.25-1.35)	<0.05	-	-	0.0350	0.1870

Covariates	Univariate		Multivariate		Multilevel: (1 location) + (1 method) + (1 location/method)			
Model 4	HR(95%CI)	p	HR(95%CI)	p	HR(95%CI)	p	Variance	SD
Photoperiod	1.17(1.15-1.18)	<0.05	1.23(1.20-1.26)	<0.05	1.23(1.21-1.26)	<0.05	-	-
Mintemperature	1.03(1.03-1.03)	<0.05	0.97(0.96-0.978)	<0.05	0.97(0.96-0.978)	<0.05	-	-
MaxRH	0.996(0.995-0.998)	<0.05	0.997(0.995-0.999)	0.04	0.99(0.995-0.999)	0.04	-	-
<i>Location</i>	UR; 0.80(0.77-0.82)	<0.05	0.79(0.77-0.82)	<0.05	-	-	0.0090	0.0949
<i>Location/method*</i>	-	-	-	-	-	-	0.0030	0.0554
<i>Location (interc)</i>							0.0090	0.0949
<i>Method</i>	BG; 1.31(1.27-1.36)	<0.05	1.30(1.25-1.35)	<0.05	-	-	0.0350	0.1871
Model 5	HR(95%CI)	p	HR(95%CI)	p	HR(95%CI)	p	Variance	SD
Photoperiod	1.17(1.15-1.18)	<0.05	1.25(1.21-1.28)	<0.05	1.25(1.21-1.28)	<0.05	-	-
GDD	1.04(1.03-1.04)	<0.05	0.96(0.95-0.97)	<0.05	0.966(0.957-0.975)	<0.05	-	-
minRH	0.997(0.996-0.999)	<0.05	0.99(0.996-0.999)	0.005	0.998(0.996-0.999)	0.006	-	-
<i>Location</i>	UR; 0.80(0.77-0.82)	<0.05	0.82(0.79-0.85)	<0.05	-	-	0.0121	0.1101
<i>Location/method*</i>	-	-	-	-	-	-	0.0031	0.0565
<i>Location</i>							0.0004	0.0200
<i>Method</i>	BG; 1.31(1.27-1.36)	<0.05	1.30(1.25-1.35)	<0.05	-	-	0.0352	0.1877
Model 6	HR(95%CI)	p	HR(95%CI)	p	HR(95%CI)	p	Variance	SD
Photoperiod	1.17(1.15-1.18)	<0.05	1.26(1.22-1.29)	<0.05	1.26(1.23-1.29)	<0.05	-	-
GDD	1.04(1.03-1.04)	<0.05	0.96(0.95-0.97)	<0.05	0.963(0.955-0.972)	<0.05	-	-
MaxRH	0.996(0.995-0.998)	<0.05	0.99(0.995-0.999)	0.027	0.997(0.995-0.999)	0.028	-	-
<i>Location</i>	UR; 0.80(0.77-0.82)	<0.05	0.83(0.80-0.86)	<0.05	-	-	0.0097	0.0988
<i>Location/method*</i>	-	-	-	-	-	-	0.0032	0.0572
<i>Location</i>							0.0004	0.0200
<i>Method</i>	BG; 1.31(1.27-1.36)	<0.05	1.30(1.25-1.35)	<0.05	-	-	0.0355	0.1885

MODEL	Chisq	Df	LogLikelihood(<i>i nt</i>)	AIC	BIC
Model 1	961.67	6.00	-124814	949.67	904.16
Model 2	958.58	6.00	-124815.6	946.58	901.07
Model 3	936.30	7.00	-124826.7	922.30	869.21
Model 4	937.60	7.00	-124826	923.60	870.50
Model 5	938.82	7.00	-124825.4	924.82	871.73
Model 6	936.33	7.00	-124826.7	922.33	869.23