

B.1.5 Pooling Group Assessment FSU

B.1.5.1

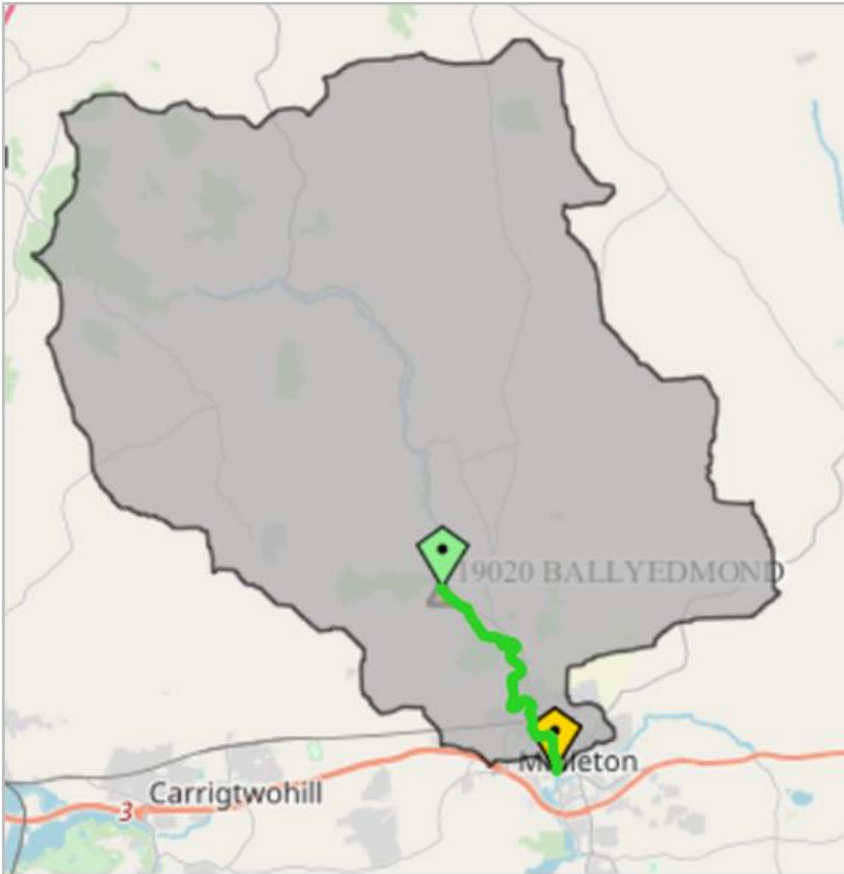


Figure B.11-1 HEP OW9

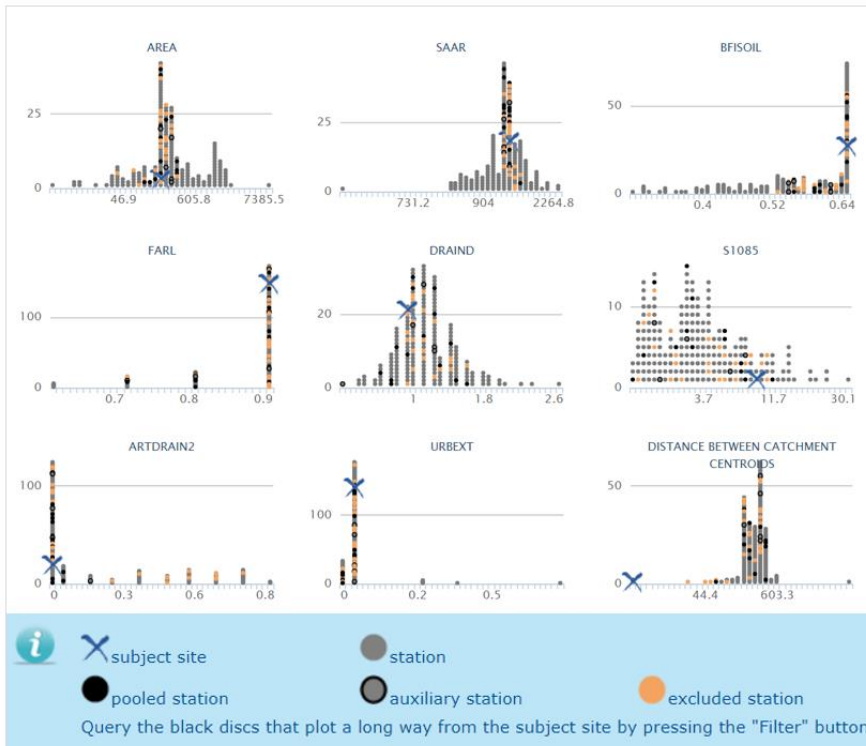


Figure B.11-2 CATs

Table B.11-4 Pooling Group Members

Station	Euclidean DIST(ij)	# years in FSU database	Cumulative # station-years
19020	0.309	28	28
26018	0.691	48	76
06012	0.696	47	123
25044	0.699	40	163
06070	0.784	27	190
29001	0.791	40	230
16005	0.884	30	260
06011	0.953	48	308
29071	0.977	26	334
35001	0.997	29	363
18005	1.036	50	413
25158	1.076	18	431
29011	1.088	22	453
15007	1.114	25	478
26008	1.119	49	527
07004	1.134	48	575
26006	1.136	52	627
16003	1.165	27	654
26020	1.216	33	687

Legend: Pooled Auxiliary Selected

Table B.11-5 Members excluded from Pooling Group

Excluded Station	Euclidean DIST(ij)	# years in FSU
19046	0.464	9
19016	0.512	11
19015	0.571	28
25038	0.695	17
16006	0.74	33
25027	0.773	42
13002	0.829	19
26010	0.885	35
25014	0.895	54
34011	0.902	30
26014	0.922	16
25020	0.926	35
18001	0.945	48
30021	0.947	26
16012	1.02	28
22009	1.023	24
30005	1.052	49
30037	1.075	21

Table B.11-6 Pooled Group Summary

Number of station-years pooled	479
Number of stations	14
Mean length of A-max records pooled	35
Pooled L-CV	0.136
Pooled L-skewness	0.129
Pooled L-kurtosis	0.145
Return period (y):	100
Distribution:	GEV
Heterogeneity statistics based upon weighted S.D. of the L-CVs	
H	54.545
H*	59.177
Heterogeneity statistics based upon average distance from site to the regional average on a graph L-CV VS. L-Skewness	
H	2.373
H*	7.202
Heterogeneity statistics based upon average distance from site to the regional average on a graph L-Skewness VS. L-Kurtosis	
H	0.541
H*	6.671

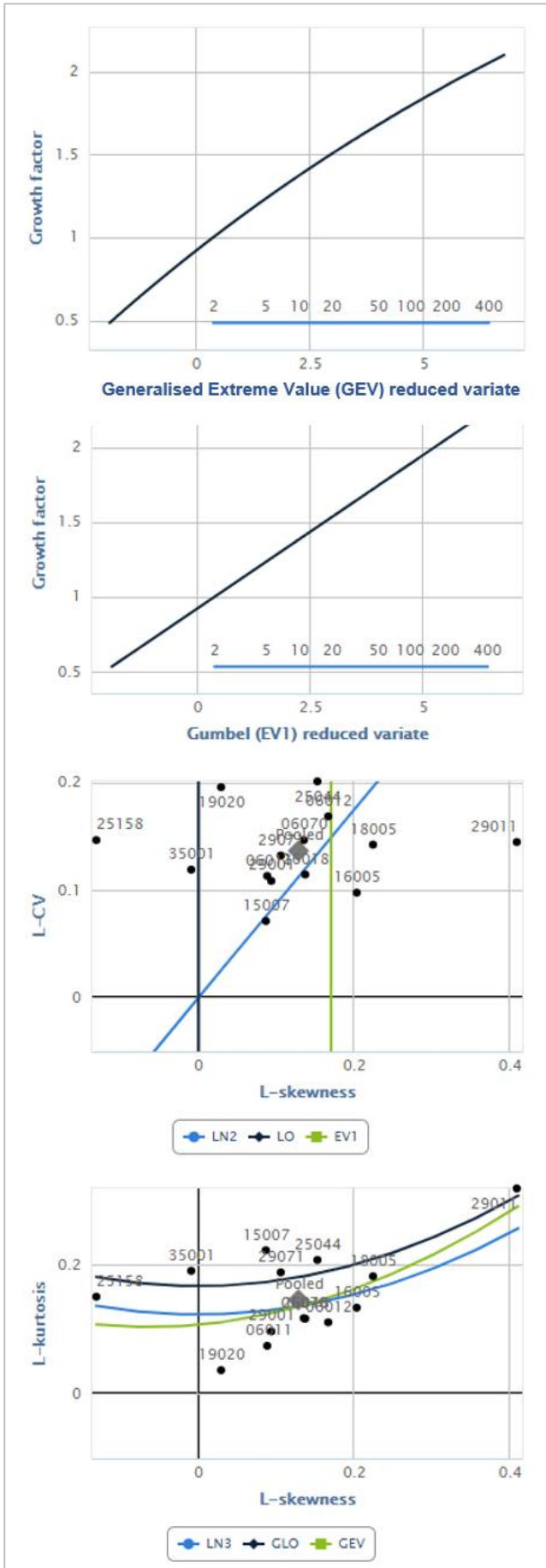


Figure B.11-3 Goodness of Fit

B.1.5.2 HEP DG6



Figure B.11-4 HEP DG6

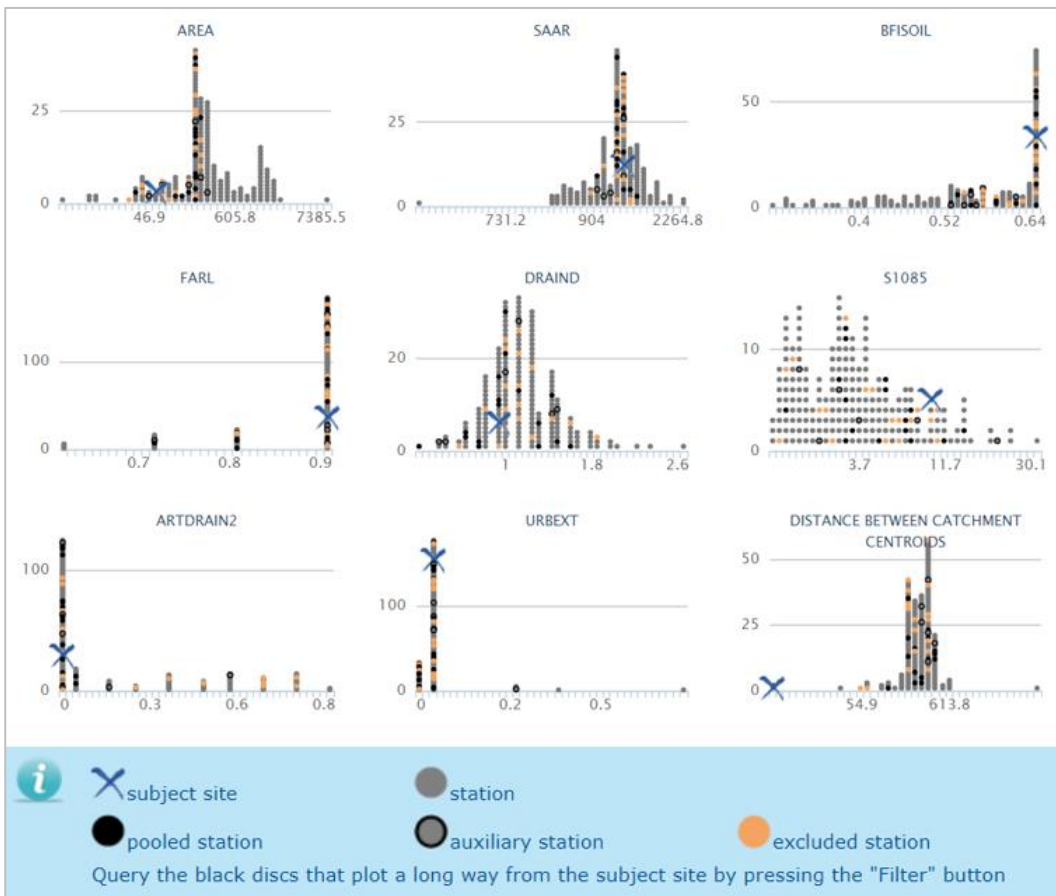


Figure B.11-5 CATs

Table B.11-7 Pooling Group Members

Station	Euclidean DIST(ij)	# years in FSU database	Cumulative # station-years
19020	0.39	28	28
26018	0.833	48	76
25044	0.911	40	116
19016	0.915	11	127
25040	0.971	19	146
16005	1.005	30	176
06012	1.005	47	223
29001	1.006	40	263
06070	1.046	27	290
29071	1.274	26	316
06011	1.297	48	364
26020	1.339	33	397
25023	1.349	33	430
26009	1.359	35	465
25158	1.371	18	483
29004	1.42	32	515
09010	1.422	19	534
26022	1.453	33	567
34024	1.457	28	595
06031	1.468	18	613
07004	1.471	48	661
26006	1.477	52	713

Legend: Pooled Auxiliary Selected

Table B.11-8 Members excluded from Pooling Group

Excluded Station	Euclidean DIST(ij)	# years in FSU
19046	0.363	9
13002	0.575	19
22009	0.709	24
30020	0.767	16
16006	0.775	33
25027	0.91	42
26010	0.977	35
26058	1.033	24
25038	1.111	17
25014	1.13	54
19015	1.135	28
25020	1.227	35
30021	1.158	26
25022	1.274	22
34011	1.279	30
06026	1.362	46
16051	1.398	13
26014	1.398	16

Table B.11-9 Pooled Group Summary

Number of station-years pooled	521
Number of stations	16
Mean length of A-max records pooled	33
Pooled L-CV	0.133
Pooled L-skewness	0.107
Pooled L-kurtosis	0.112
Return period (y):	100
Distribution:	EV1
Heterogeneity statistics based upon weighted S.D. of the L-CVs	
H	57.037
H*	62.186
Heterogeneity statistics based upon average distance from site to the regional average on a graph L-CV VS. L-Skewness	
H	2.017
H*	7.221
Heterogeneity statistics based upon average distance from site to the regional average on a graph L-Skewness VS. L-Kurtosis	
H	-0.321
H*	6.467

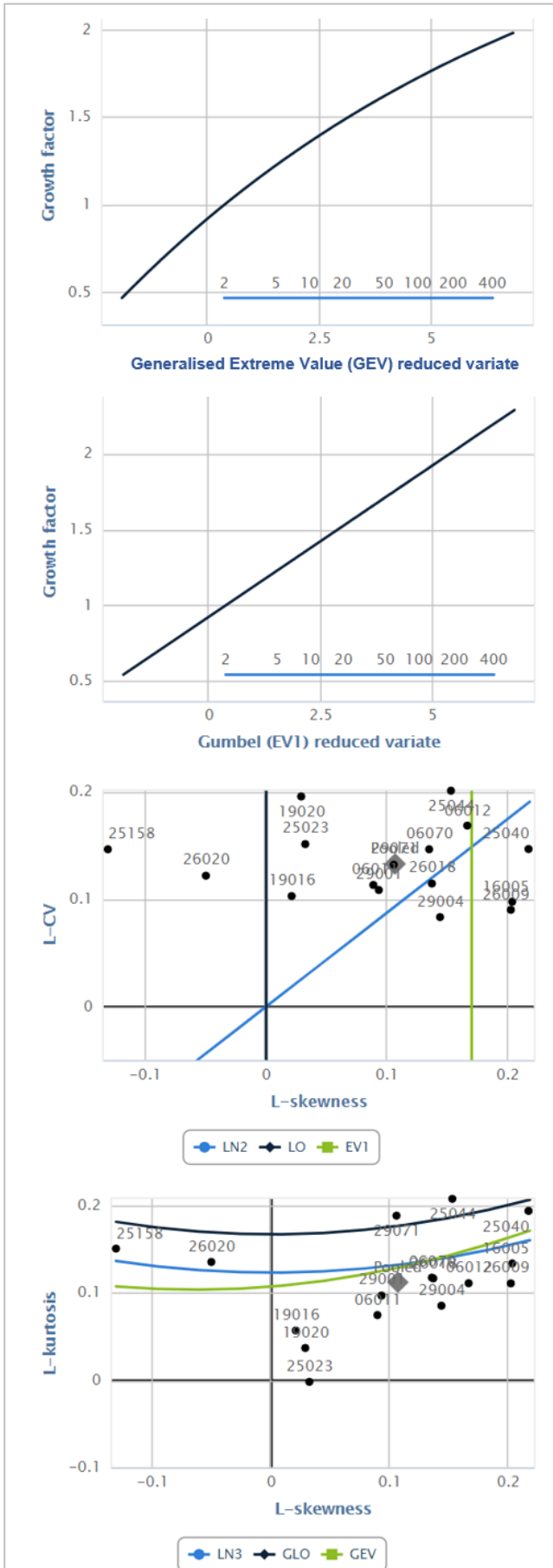


Figure B.11-6 Goodness of Fit