

An skeleton assessment for Aleutian Islands Golden King crab in GMACS

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A. Summary of Major Changes

1. Management: None
2. Input data:
3. Assessment methodology:
4. Assessment results

Notes:

B. Comments, responses, and assessment summary

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Appendix A: Population dynamics

Table 1: Changes in management quantities for each scenario considered. Reported management quantities are derived from maximum likelihood estimates.

Model	MMB	B35	F35	FOFL	OFL
Version 2.01.E	4670.484	5752.497	0.557	0.473	1157.604
Version 2.01.F	4670.484	5752.497	0.557	0.473	1157.604
Version 2.01.G	4670.484	5752.497	0.557	0.473	1157.604
Version 2.01.H	4670.484	5752.497	0.557	0.473	1157.603
Version 2.01.I	4670.484	5752.497	0.557	0.473	1157.603
Version 2.01.K	4670.484	5752.497	0.557	0.473	1157.603

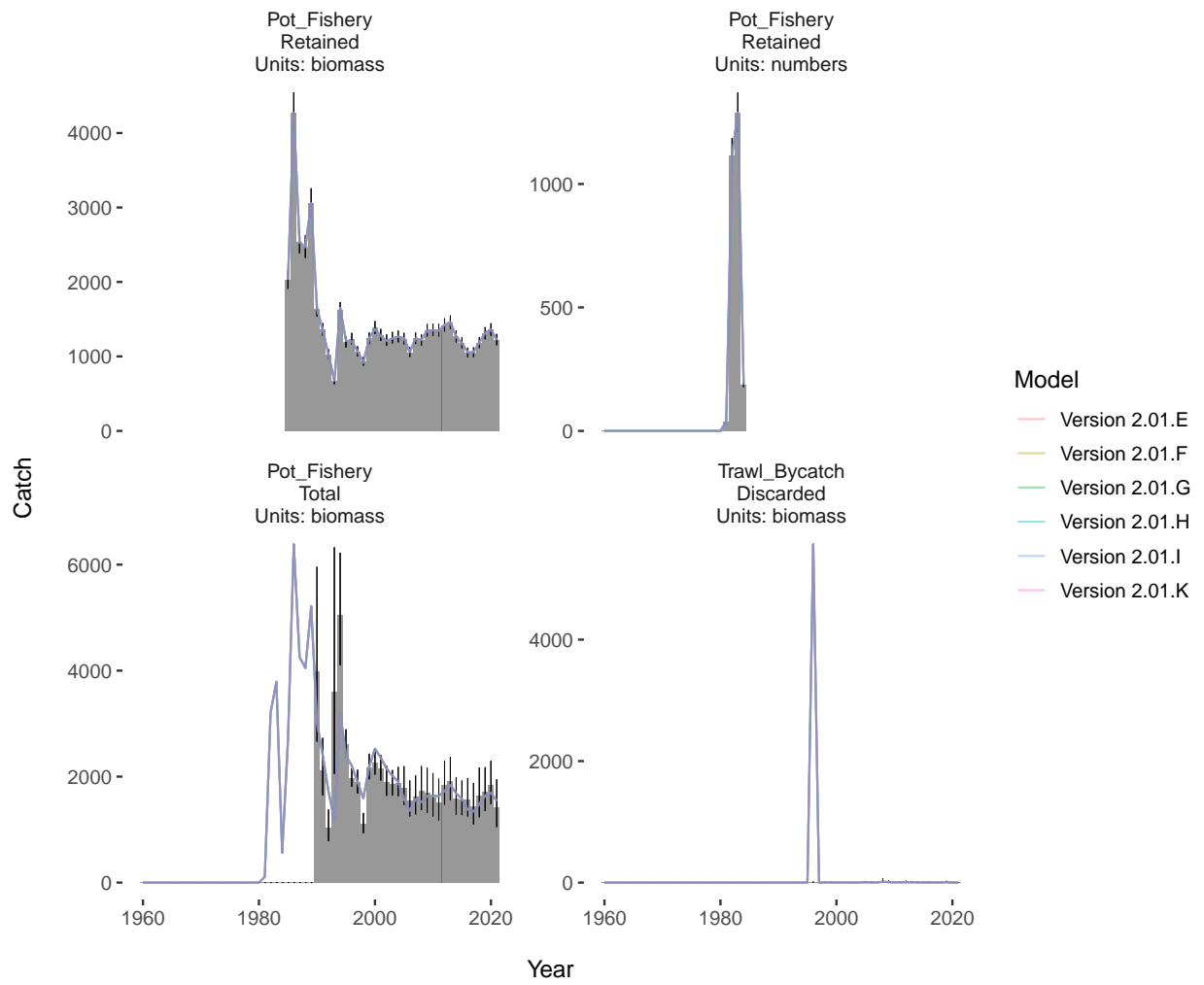


Figure 1: Model fits to the catch data.

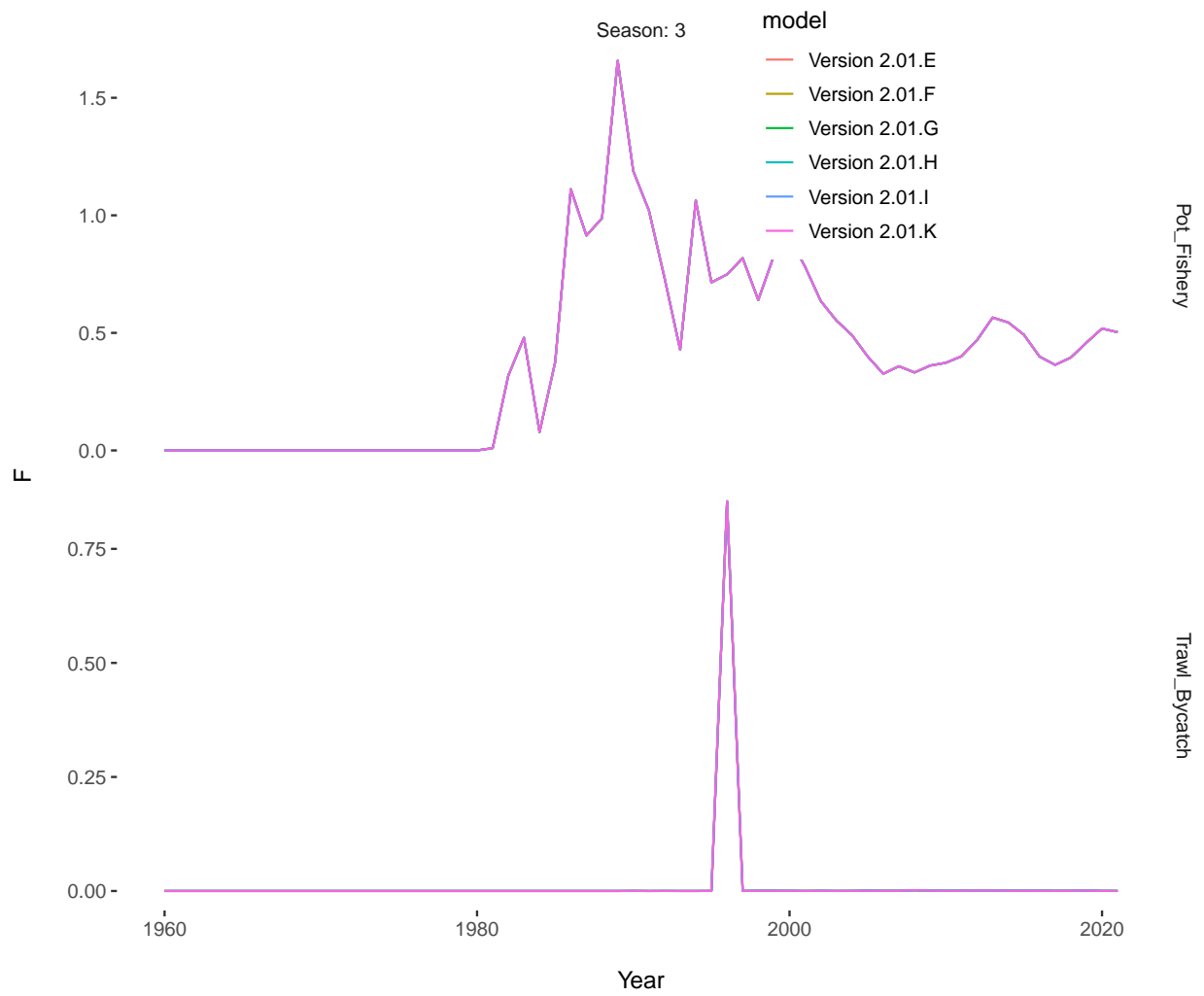


Figure 2: Estimated fishing mortality by fleet.

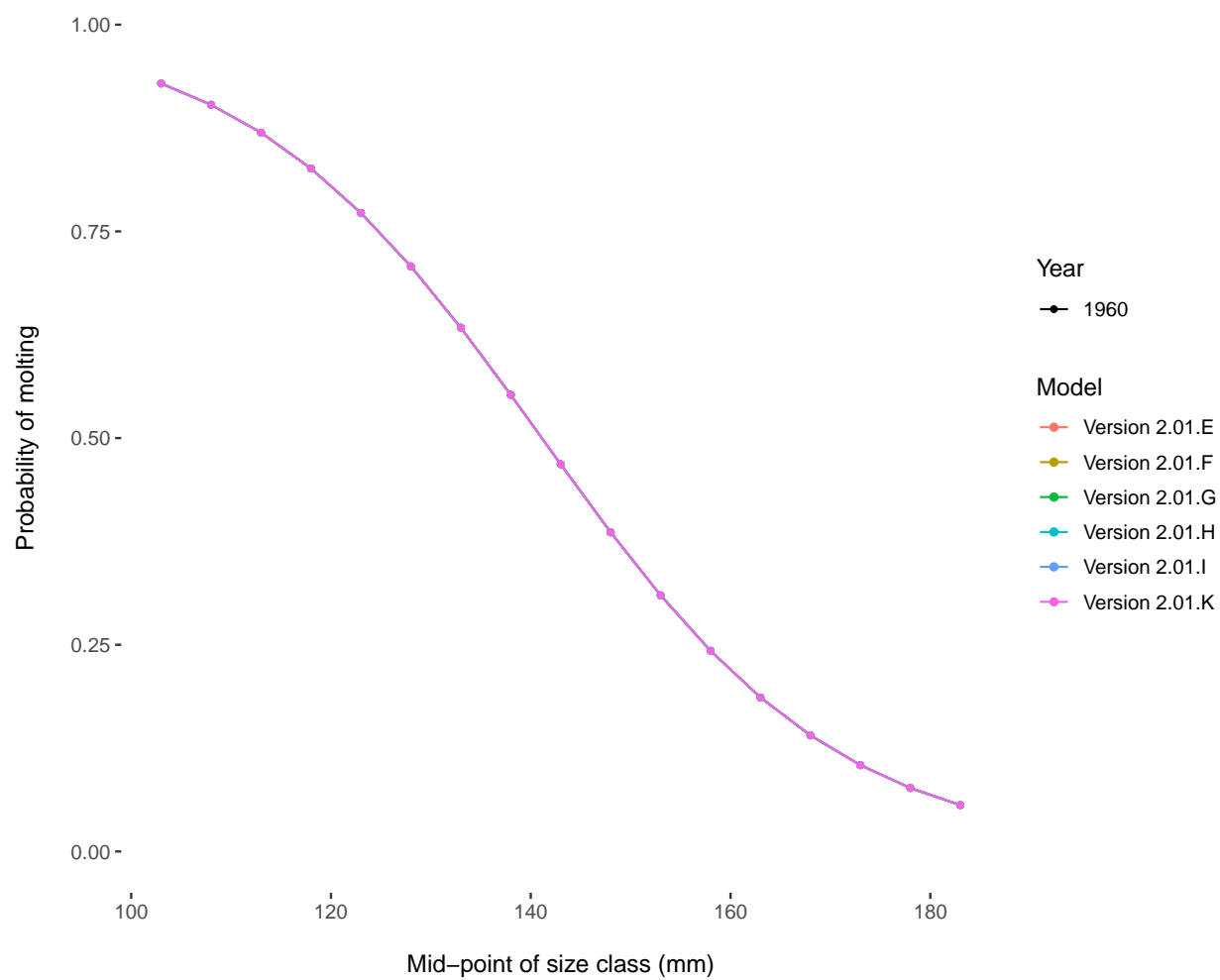


Figure 3: Estimated probability of molting.

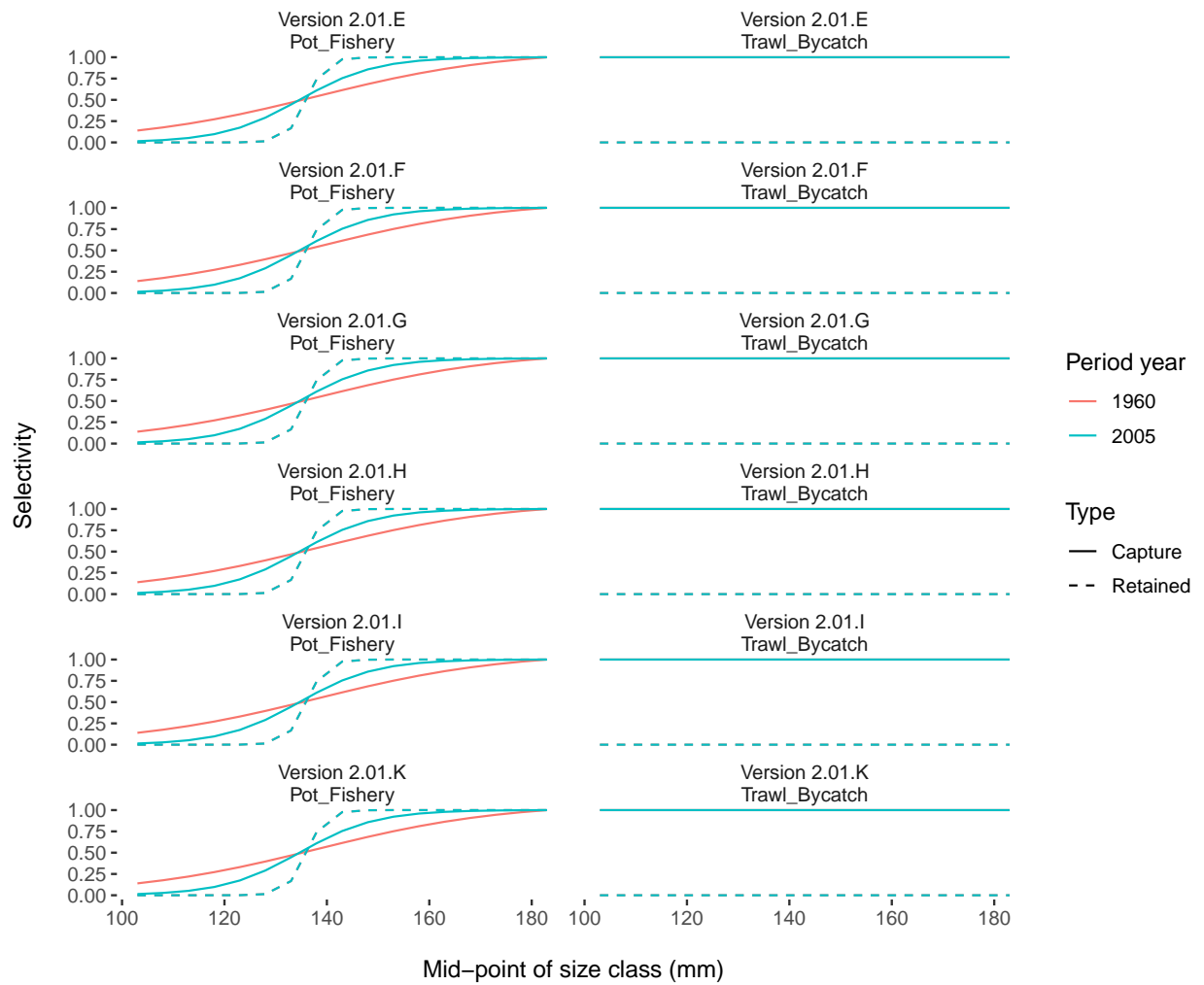


Figure 4: Estimated selectivity.

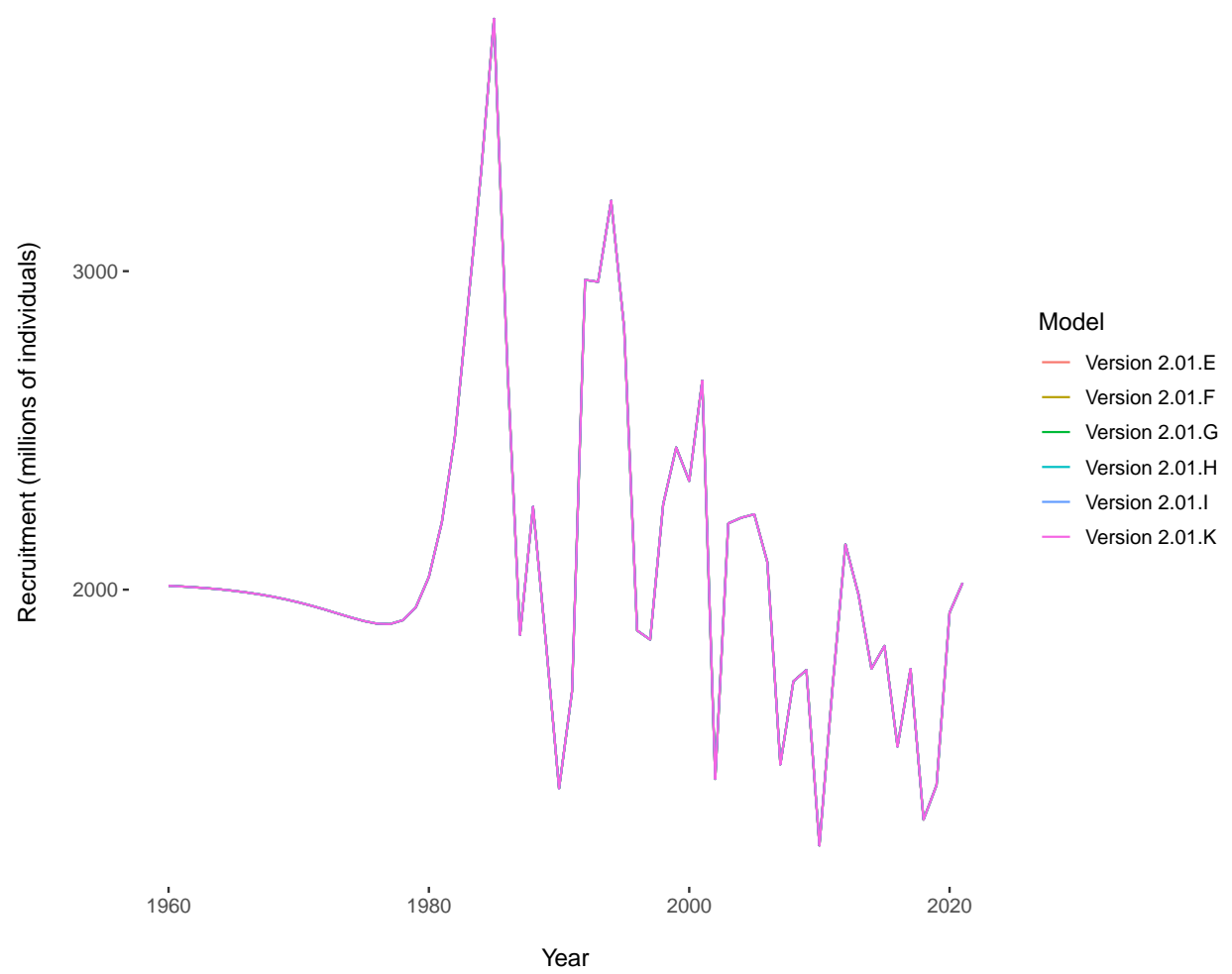


Figure 5: Estimated recruitment.

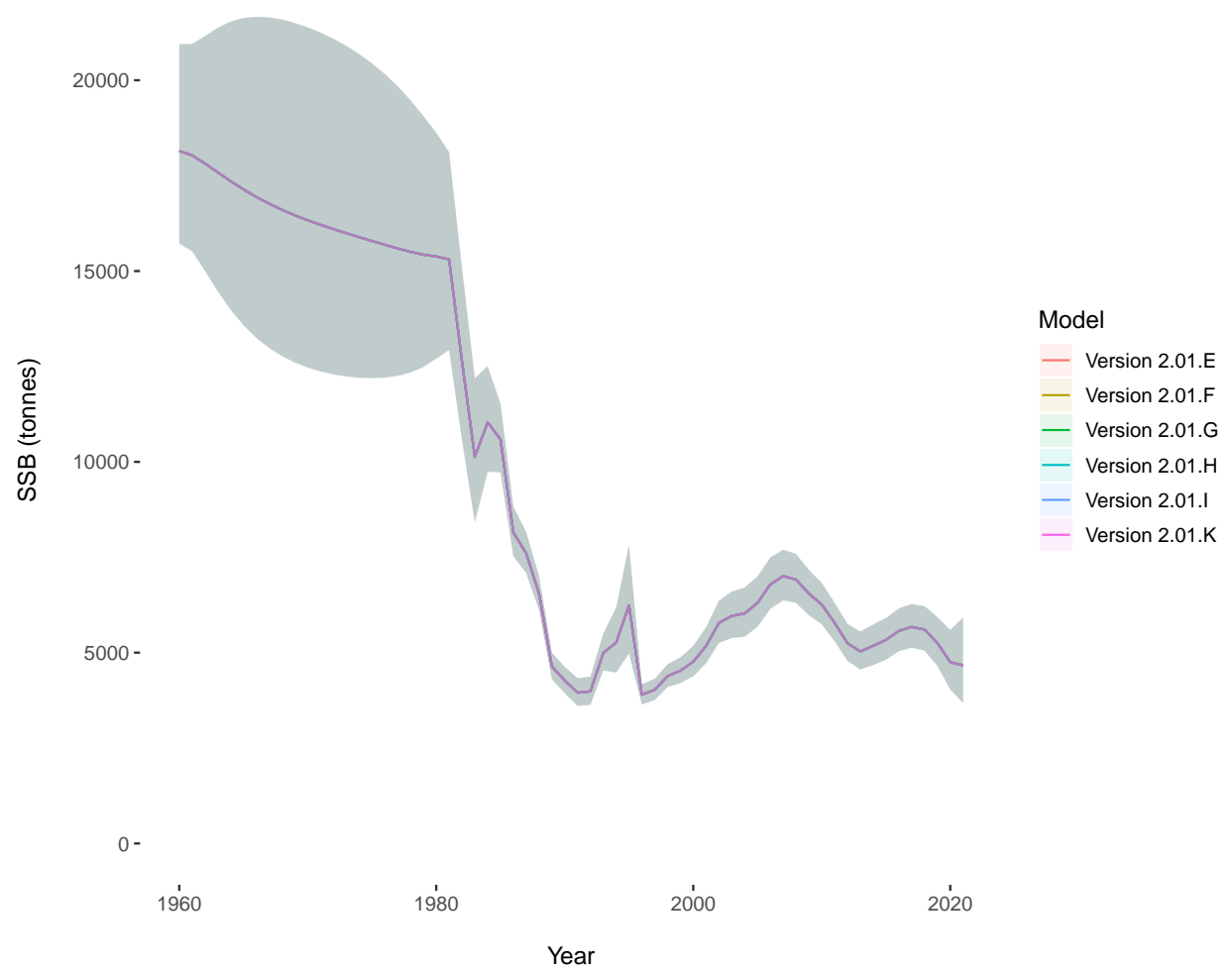


Figure 6: Estimated mature biomass

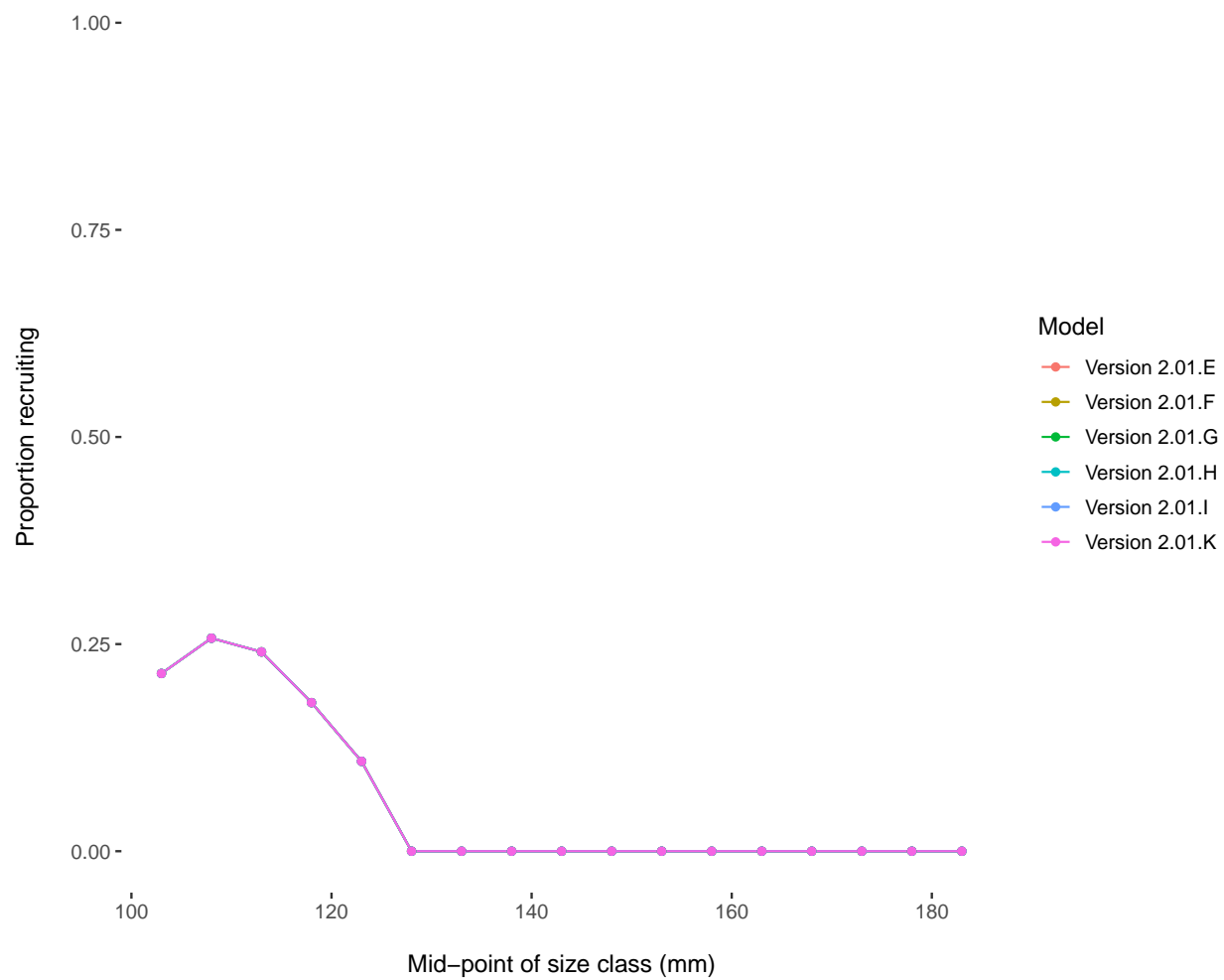


Figure 7: Estimated size at recruitment

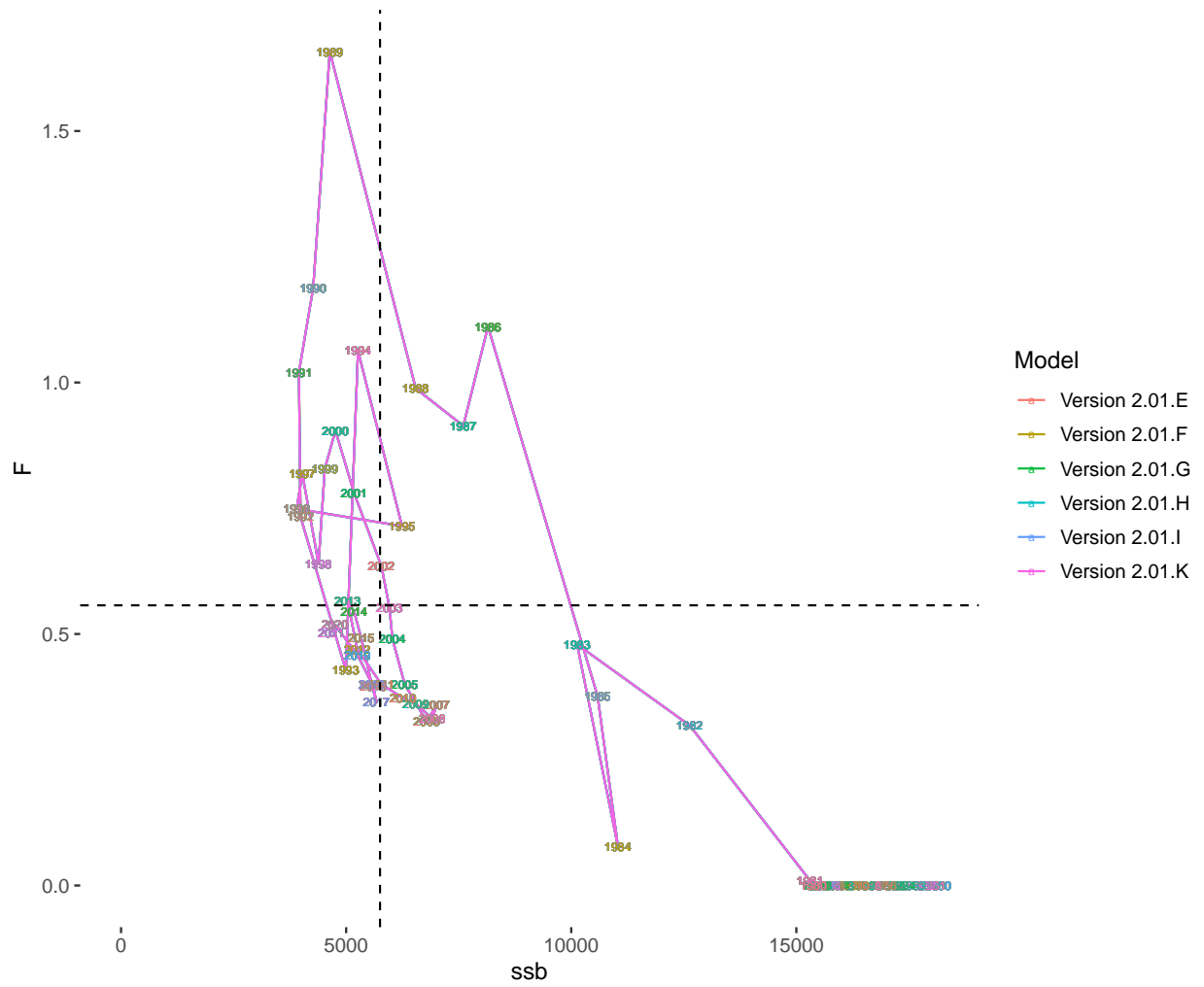


Figure 8: Kobe plot for the Pot Fishery fleet.