	ADCAM	**Coleraine**
Notable options	Migrations, catchability power function	Length data, sexes, many fleets, many surveys
Catch equation	F (fishing mortality)	u (harvest rate)
Landings	Predicted, then compared to observed	Known without error
Survey data	Numbers	Biomass index and age distribution
CA likelihood	Lognormal	Robust normal
Selectivity	Nonparametric (free parameters)	Asymmetric normal
Recruitment	Beverton-Holt, Ricker, hockey stick, fixed mean	Beverton-Holt
Time-varying	Upward/downward trend in recruitment	Selectivity parameters
Other	Separate weight at age for SSB and catch	Same maturity in all years
Recruitment sigma	Estimated	Set by user, can estimate iteratively
Observation sigma	Pattern set by user, scaler estimated	Set by user, can estimate iteratively
Text files	Many in, many out	One in, one out
User interface	Recompile to change model settings	Optional Excel (input, output) and R (output) packages
Stable version	Version 3.2, also many 'special editions'	No
Best for	Typical groundfish assessment, one solution	Quick assessment of just about anything, explore possibilities