

# Tab C, No. 4(d)

**Table 19: Summary of stock status indicators (relative F and relative Spawning Stocks) for the mixing scenarios considered from 500 bootstraps per scenario.**

Stock	Model	Summary of Status Indicator Outcomes			Stock	Model	Summary of Status Indicator Outcomes		
ATLANTIC	0% MixRun	<b>MODEL 0% Atl fish</b>			GULF	100% MixRun	<b>MODEL 100% Gulf fish</b>		
			<u>F/Fmsy</u>	<u>F / Foy</u>				<u>F/Fmsy</u>	<u>F / Foy</u>
		Deterministic	0.53	0.74			Deterministic	0.82	1.16
		Percent F2002> F ref	0.2%	7.0%			Percent F2002> F ref	17.2%	70.4%
		N boots F2002 > F ref	1	35			N boots F2002 > F ref	86	352
		Percent SS2003< MSST ref	2.0%				Percent SS2003< MSST ref	17.6%	
				N boots SS2003 < SS ref	88				
ATLANTIC	25% MixRun	<b>MODEL 25% Atl fish</b>			GULF	75% MixRun	<b>MODEL 75% Gulf fish</b>		
			<u>F/Fmsy</u>	<u>F / Foy</u>				<u>F/Fmsy</u>	<u>F / Foy</u>
		Deterministic	0.51	0.72			Deterministic	0.89	1.26
		Percent F2002> F ref	0.2%	5.0%			Percent F2002> F ref	36.4%	87.0%
		N boots F2002 > F ref	1	25			N boots F2002 > F ref	182	435
		Percent SS2003< MSST ref	3.6%				Percent SS2003< MSST ref	30.2%	
				N boots SS2003 < SS ref	151				
ATLANTIC	50% MixRun	<b>MODEL 50% Atl fish</b>			GULF	50% MixRun	<b>MODEL 50% Gulf fish</b>		
			<u>F/Fmsy</u>	<u>F / Foy</u>				<u>F/Fmsy</u>	<u>F / Foy</u>
		Deterministic	0.46	0.65			Deterministic	1.04	1.48
		Percent F2002> F ref	0.0%	3.0%			Percent F2002> F ref	56.0%	95.0%
		N boots F2002 > F ref	0	15			N boots F2002 > F ref	280	475
		Percent SS2003< MSST ref	3.8%				Percent SS2003< MSST ref	43.6%	
				N boots SS2003 < SS ref	218				
ATLANTIC	75% MixRun	<b>MODEL 75% Atl fish</b>			GULF	25% MixRun	<b>MODEL 25% Gulf fish</b>		
			<u>F/Fmsy</u>	<u>F / Foy</u>				<u>F/Fmsy</u>	<u>F / Foy</u>
		Deterministic	0.42	0.59			Deterministic	1.17	1.68
		Percent F2002> F ref	0.0%	0.8%			Percent F2002> F ref	74.0%	99.0%
		N boots F2002 > F ref	0	4			N boots F2002 > F ref	370	495
		Percent SS2003< MSST ref	3.0%				Percent SS2003< MSST ref	49.4%	
				N boots SS2003 < SS ref	247				
ATLANTIC	98% MixRun	<b>MODEL 98% Atl fish</b>			GULF	2% MixRun	<b>MODEL 2% Gulf fish</b>		
			<u>F/Fmsy</u>	<u>F / Foy</u>				<u>F/Fmsy</u>	<u>F / Foy</u>
		Deterministic	0.45	0.66			Deterministic	1.31	1.90
		Percent F2002> F ref	0.0%	2.2%			Percent F2002> F ref	87.6%	100.0%
		N boots F2002 > F ref	0	11			N boots F2002 > F ref	438	500
		Percent SS2003< MSST ref	9.2%				Percent SS2003< MSST ref	59.8%	
				N boots SS2003 < SS ref	299				