Table 1 Length-weight relationships and conversion factors for Atlantic (North, South) and Mediterranean swordfish. For Atlantic Swordfish, conversion factors are those proposed by the Secretariat (2013) and adopted as interim by the WG at the Data Preparatory meeting 2013. For Mediterranean Swordfish, conversion factors were updated at the 2017 SCRS meeting.

Weight-size relationship (kg): alpha * Size(LJFL cm)^{beta}

Stock	alpha	beta	Weight (kg)	Size	Size Range (cm)	Reference
N-ATL	4.45373E-06	3.203784011	Round (RWT)	LJFL	80-253	
S-ATL	2.46E-06	3.313974115	Round (RWT)	LJFL	89-266	Mejuto et al. (1988) & Hazin et al. (2001)
MED	8.43E-06	3.059	Gilled & Gutted (GWT)	LJFL	52-290	Tserpes et al. (2017)

Size to size conversion factors: alpha+beta*Size_inp

Stock	alpha	beta	size pred (cm)	size inp (cm)	Reference
ATL	7.821534	1.089696	LJFL	EFL	Rey Gonzales-Garces (1978)
ATL	10.307257	1.255833	LJFL	OPFL	Rey Gonzales-Garces (1979)

Weight to Weight conversion factors: Weight_pred = alpha* Weight_inp

Stock	alpha	Weight pred (kgs)	Weight inp (kgs)	Reference
N-ATL	1.324565	Round	Dress	Turner 1987 & Mejuto et al. (1988)
S-ATL	1.14	Round	Gutted	Mejuto et al. (1988)

Conversion factors for fish products

Spp.	Area/Source	Factor[1]	Reference
SWO	N. West Atl.	RWT=1.33xDWT	Turner (1987)
SWO	Central East Atl.	RWT=1.3158xDWT	Mejuto et al. (1988)
SWO	Mediterranean	RWT=1.14xGWT	Tserpes et al. (2017)
SWO	S. West Atl.	$RWT=[GWT/0.8009]^{0.9852}$	Amorim et al. (1979)
SWO	S. West Atl.	GWT=1.17xDWT	Amorim and Arfelli (1984)
SWO	S. East Atl.	RWT=1.14xGWT	Mejuto et al. (1988)

1 Product types:

BM = Belly Meat

RWT = Round Weight (all catch statistics are maintained in RWT units)

DWT = Dressed Weight (gilled, gutted, part of head off, fins off)

GWT = Gilled and Gutted

FIL = Fillet Weight

OT = Other

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