

## Summary of negative impacts on welfare and quality shown by the different slaughtering methods

Method	negative impact		<i>loss of consciousness</i>
	on welfare	on quality	
Asphyxiation	high	high	<b><i>slowly</i></b>
Asphyxiation on ice	high	low	
Exsanguination *	very high	high	
Carbon dioxide narcosis	high	high	
Evisceration *	very high	high	
Decapitation	very high	--- ***	
<b>Anaesthetics **</b>	<b>very low</b>	<b>very low</b>	
Salt or ammonia bath	very high	high	
Anoxic water bath	high	--- ***	
Electro-immobilisation	very high	very high	
<b>Percussive stunning</b>	<b>low</b>	<b>low</b>	<b><i>rapidly</i></b>
Hydraulic shock	very low	very high	
<b>Spiking, coring, ike jime</b>	<b>low</b>	<b>low</b>	
<b>Shooting</b>	<b>low</b>	<b>low</b>	
<b>Electrical stunning</b>	<b>very low</b>	<b>low</b>	

\* not stunned    \*\* Eugenol    \*\*\* insufficient evidence

Source: D H F Robb + S C Kestin (2002), Methods Used to Kill Fish: Field Observations and Literature Reviewed, Animal Welfare 2002, 11: 278