

Table 4. Digestibility of fatty acids (FA), long-chain fatty alcohols (FAIc), total lipid, and total dry matter in Atlantic salmon freshwater pre- and seawater post-smolts fed dietary fish or *Calanus* oil.

	Freshwater pre-smolts			Seawater post-smolts		
	Fish oil	<i>Calanus</i> oil		Fish oil	<i>Calanus</i> oil	
	FA	FA	FAIc	FA	FA	FAIc
14:0	91.7 ±0.3 ^{a,b}	73.8 ±1.5 ^c	96.6 ±0.4 ^b	72.0 ±0.5 ^c	56.1 ±3.2 ^d	89.4 ±3.3 ^a
16:0	86.3 ±2.6 ^a	76.9 ±2.2 ^b	93.9 ±1.1 ^c	57.7 ±1.1 ^d	66.8 ±2.5 ^e	84.1 ±2.6 ^{a,b}
18:0	82.0 ±5.2 ^{a,b}	77.3 ±2.6 ^a	91.5 ±3.4 ^b	47.4 ±2.2 ^c	69.8 ±2.5 ^a	78.9 ±6.5 ^{a,b}
16:1n-7	97.6 ±0.1 ^a	96.3 ±0.3 ^a	91.0 ±0.3 ^b	92.7 ±0.7 ^b	90.5 ±1.4 ^b	82.1 ±2.0 ^c
18:1n-9	95.8 ±0.7 ^a	95.4 ±0.1 ^{a,b}	89.7 ±1.8 ^{b,c}	89.0 ±0.8 ^c	89.6 ±0.9 ^{b,c}	77.2 ±4.3 ^d
18:1n-7	95.4 ±0.1 ^a	93.9 ±0.5 ^{a,b}	86.1 ±3.8 ^c	84.1 ±0.9 ^c	86.9 ±1.8 ^{b,c}	70.1 ±3.3 ^d
20:1n-9	94.0 ±0.9 ^a	88.2 ±1.6 ^a	78.8 ±3.9 ^b	76.1 ±1.7 ^b	76.1 ±1.6 ^b	59.5 ±4.4 ^c
20:1n-7	99.0 ±0.1 ^a	89.7 ±3.7 ^{b,c}	100.0 ±0.0 ^a	97.1 ±0.1 ^{a,c}	81.9 ±4.0 ^b	82.3 ±1.9 ^b
22:1n-11	90.6 ±1.9 ^a	82.2 ±2.4 ^a	66.9 ±4.0 ^b	67.2 ±2.5 ^b	68.0 ±1.8 ^b	46.0 ±4.7 ^c
22:1n-9	85.5 ±1.4 ^a	74.6 ±3.5 ^b	100.0 ±0.0 ^c	55.3 ±2.8 ^d	64.9 ±3.3 ^e	100.0 ±0.0 ^c
24:1n-9	67.3 ±0.7 ^{a,b}	64.4 ±1.6 ^{a,b}	87.5 ±0.8 ^c	27.8 ±4.6 ^d	60.3 ±1.8 ^a	74.7 ±5.4 ^b
18:2n-6	95.9 ±2.1 ^a	95.2 ±0.4 ^a	90.5 ±1.8 ^a	92.7 ±0.3 ^a	92.0 ±0.6 ^a	78.7 ±4.8 ^b
20:4n-6	95.9 ±0.3 ^a	95.9 ±0.3 ^a	-	94.5 ±0.2 ^b	93.2 ±0.5 ^c	-
18:3n-3	96.3 ±0.9 ^{a,b}	97.6 ±0.2 ^b	91.6 ±1.0 ^a	92.7 ±1.4 ^{a,b}	92.9 ±0.9 ^{a,b}	80.5 ±3.7 ^c
18:4n-3	98.6 ±0.4 ^a	99.0 ±0.0 ^a	-	97.1 ±0.1 ^b	96.2 ±0.5 ^b	-
20:4n-3	98.6 ±0.1 ^a	97.3 ±0.2 ^b	-	96.3 ±0.1 ^c	93.2 ±0.5 ^d	-
20:5n-3	98.5 ±0.0 ^a	98.3 ±0.1 ^a	-	97.2 ±0.3 ^b	95.7 ±0.4 ^c	-
22:5n-3	97.7 ±0.2 ^{a,b}	100.0 ±0.0 ^b	-	95.9 ±1.6 ^a	100.0 ±0.0 ^b	-
22:6n-3	97.4 ±0.2 ^a	83.8 ±0.3 ^b	-	94.4 ±0.4 ^a	58.1 ±3.6 ^c	-
Σ SFA	87.1 ±2.3 ^{a,b}	75.9 ±1.7 ^c	94.1 ±1.1 ^b	60.0 ±1.0 ^d	63.0 ±2.7 ^d	84.4 ±2.9 ^a
Σ MUFA	93.8 ±0.6 ^a	88.7 ±1.3 ^a	74.5 ±3.6 ^b	79.5 ±1.5 ^b	78.9 ±1.5 ^b	55.5 ±4.5 ^c
Σ PUFA	96.9 ±1.2 ^{a,b}	97.0 ±0.2 ^a	91.2 ±1.3 ^b	95.0 ±0.3 ^{a,b}	92.3 ±0.7 ^{a,b}	79.8 ±4.2 ^c
Σ n-6 PUFA	96.5 ±1.5 ^a	95.2 ±0.6 ^a	90.5 ±1.8 ^a	92.2 ±0.2 ^a	90.2 ±0.9 ^a	78.7 ±4.8 ^b
Σ n-3 PUFA	97.9 ±0.1 ^a	97.3 ±0.0 ^{a,b}	91.6 ±1.0 ^c	95.5 ±0.3 ^{a,b,c}	92.6 ±0.7 ^{b,c}	80.5 ±3.7 ^d
TOTAL	93.0 ±0.6 ^a	87.7 ±1.0 ^a	78.0 ±3.1 ^b	79.2 ±0.7 ^b	78.8 ±1.6 ^b	60.6 ±4.3 ^c
Total lipid	96.9 ±1.2 ^a	92.5 ±1.9 ^b		92.9 ±0.5 ^b	83.6 ±2.9 ^c	
Dry matter	97.0 ±0.3 ^a	96.7 ±0.4 ^{a,b}		95.3 ±0.4 ^b	94.0 ±0.4 ^b	

^{a - e} Means within each row followed by superscripts not sharing a common letter are significantly different (P<0.05) as determined by one-way ANOVA.

Figure 1

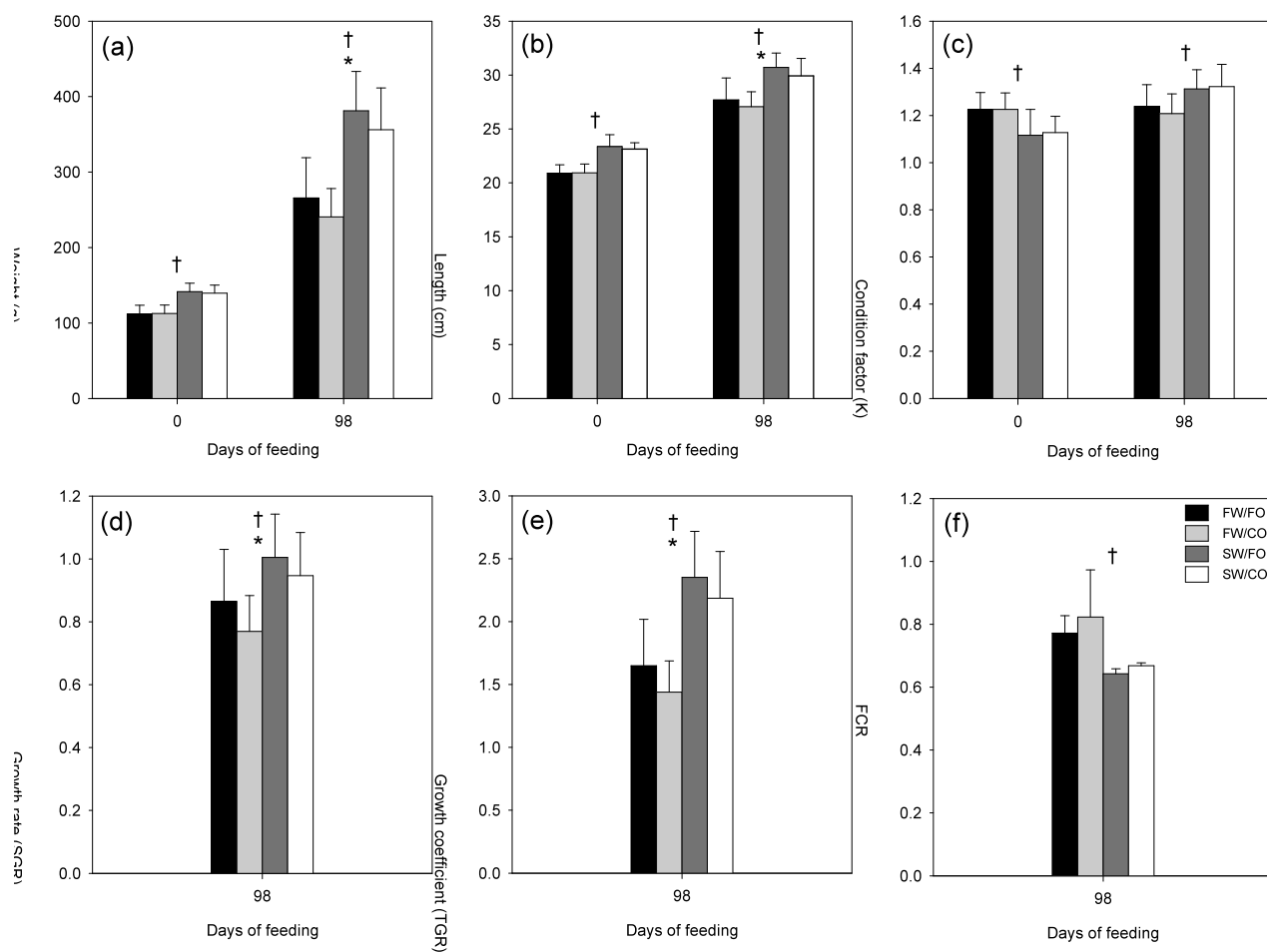


Figure 2

