

Table 2 Dose response in *M. cephalus* and *S. aurata* to clove oil in respect to different stages (S) sedation, (R) recovery

Fish stage & species	S duration (min)			R duration (min)		
	Conc. 15 mL <sup>-1</sup>	Conc. 20 mL <sup>-1</sup>	Conc. 25 mL <sup>-1</sup>	Conc. 15 mL <sup>-1</sup>	Conc. 20 mL <sup>-1</sup>	Conc. 25 mL <sup>-1</sup>
Adult						
<i>M. cephalus</i> (Mean ±SD)	1.899±0.106	1.497±0.019	1.186±0.117	1.810±0.232	3.934±0.346	4.006±0.299
P1≤0.001		0.000,1*	0.000,1*		0.001*	0.354
P2≤0.001			0.000,1*			0.001*
<i>S. aurata</i> (Mean ±SD)	1.710±0.070	1.221±0.121	1.019±0.109	2.646±0.333	4.141±0.319	4.859±0.175
P1≤0.001		0.001	0.011		0.001*	0.001*
P2≤0.001			0.000,1			0.365,0
Juvenile						
<i>M. cephalus</i> (Mean ±SD)	Conc. 5 mL <sup>-1</sup> 1.324±0.239	Conc. 10 mL <sup>-1</sup> 1.098±0.075	Conc.15 mL <sup>-1</sup> 0.944±0.059	Conc. 5 mL <sup>-1</sup> 1.863±0.100	Conc. 10 mL <sup>-1</sup> 2.065±0.080	Conc. 15 mL <sup>-1</sup> 2.681±0.310
P1≤0.001		0.021	0.010		0.098	0.032*
P2≤0.001			0.110			0.05*
<i>S. aurata</i> (Mean ±SD)	1.243±0.138	1.056±0.103	0.800±0.106	1.981±0.079	2.399±0.332	3.035±0.086
P1≤0.001		0.045*	0.033*		0.022	0.001
P2≤0.001			0.05*			0.0160