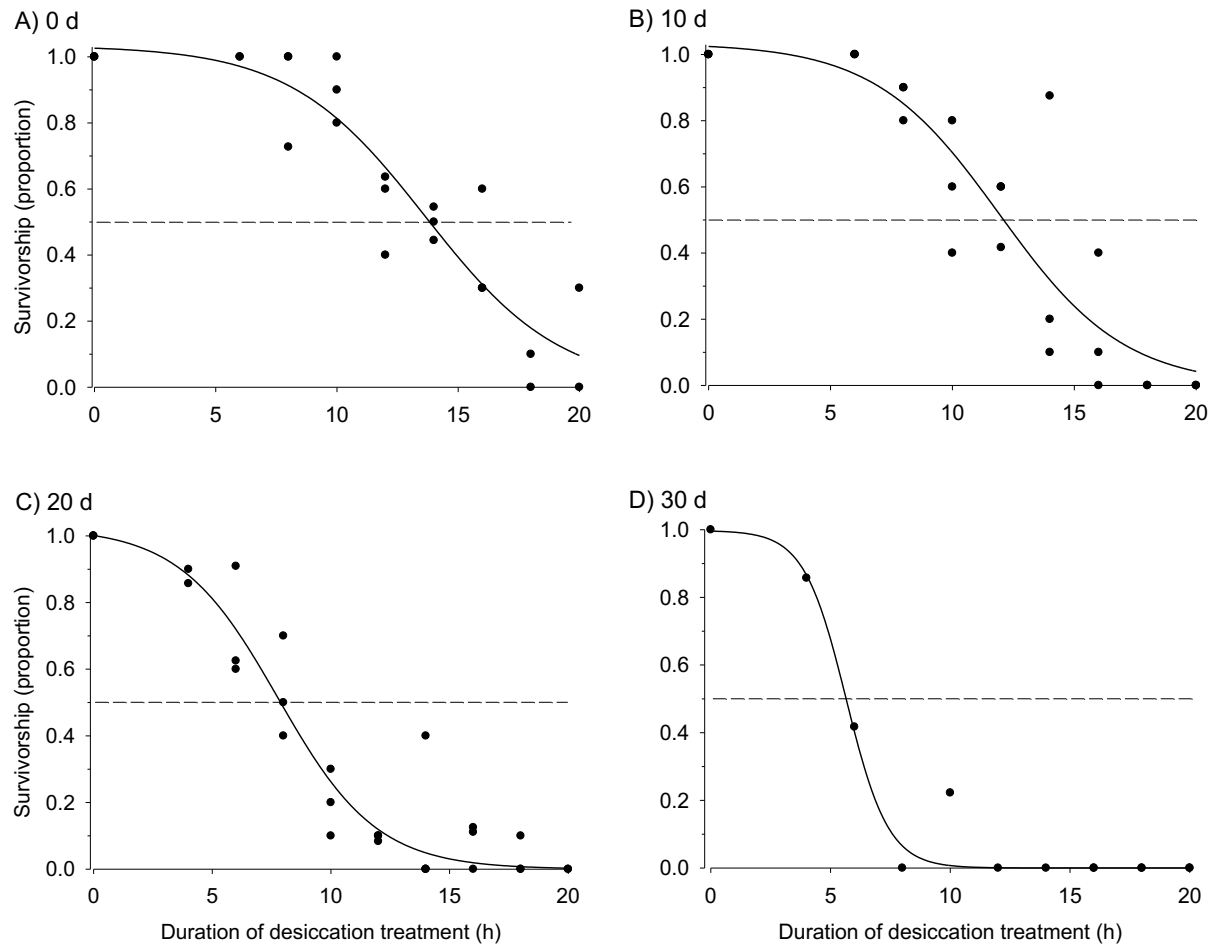
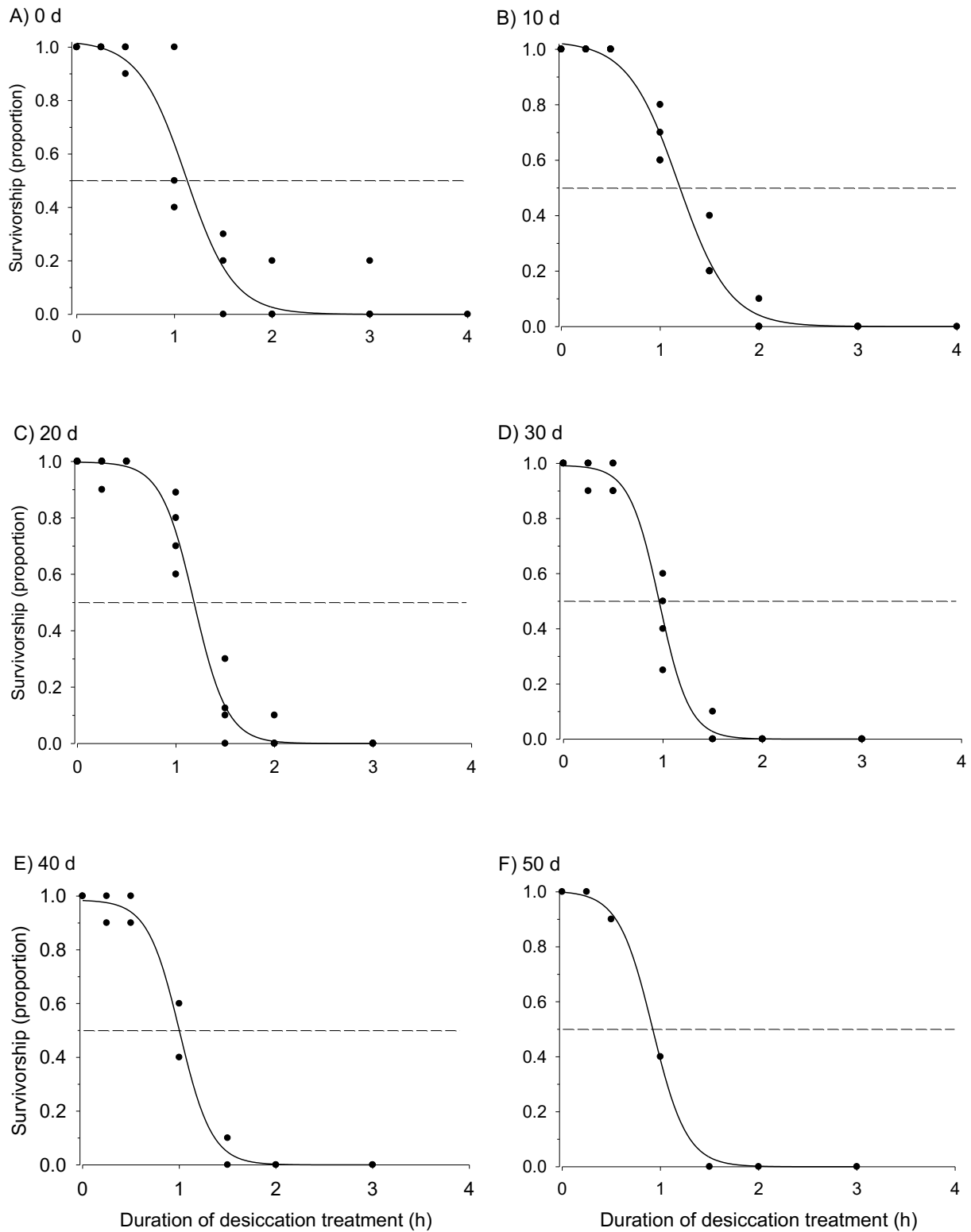


**Table S1.** Desiccation LD<sub>50</sub> and associated standard error (SE) for groups of *Balanus glandula* and *Nucella ostrina* starved for different durations of time since the onset of EBP. LD<sub>50</sub> values were calculated from generalized linear models (GLM) of the relationship between the proportion of individuals surviving and the duration of exposure to the desiccation treatment. The z statistic represents the strength of this relationship; df = degrees of freedom; p values represent the probability that survivorship varied as a function of duration of exposure to the desiccation treatment.

Species	Duration of	Desiccation				
	starvation (d)	LD <sub>50</sub> (h)	SE	z statistic	df	p
<i>B. glandula</i>	0	13.98	0.45	-7.60	22	< 0.001
	10	11.94	0.37	-7.97	23	< 0.001
	20	8.14	0.43	-8.56	27	< 0.001
	30	5.87	0.53	-4.37	13	< 0.001
<i>N. ostrina</i>	0	1.22	0.07	-7.02	18	< 0.001
	10	1.23	0.05	-7.43	24	< 0.001
	20	1.19	0.05	-7.09	23	< 0.001
	30	0.95	0.05	-6.45	23	< 0.001
	40	0.98	0.07	-5.10	11	< 0.001
	50	0.91	0.08	-3.27	5	0.001



**Figure S1.** Relationship between the proportion of individuals surviving and the duration of the desiccation treatment to which they were exposed for groups of *B. glandula* starved for (A) 0 d, (B) 10 d, (C) 20 d, and (D) 30 d. Results from the generalized linear models (GLMs) are shown in Table S1.



**Figure S2.** Relationship between the proportion of individuals surviving and the duration of the desiccation treatment to which they were exposed for groups of *N. ostrina* starved for (A) 0 d, (B) 10 d, (C) 20 d, (D) 30 d, (E) 40 d, and (F) 50 d. Results from the generalized linear models (GLMs) are shown in Table S1.