6. Energy use, CWR use, and survivorship results for Snake River Fall Chinook Salmon under long-term average temperatures for the Columbia River

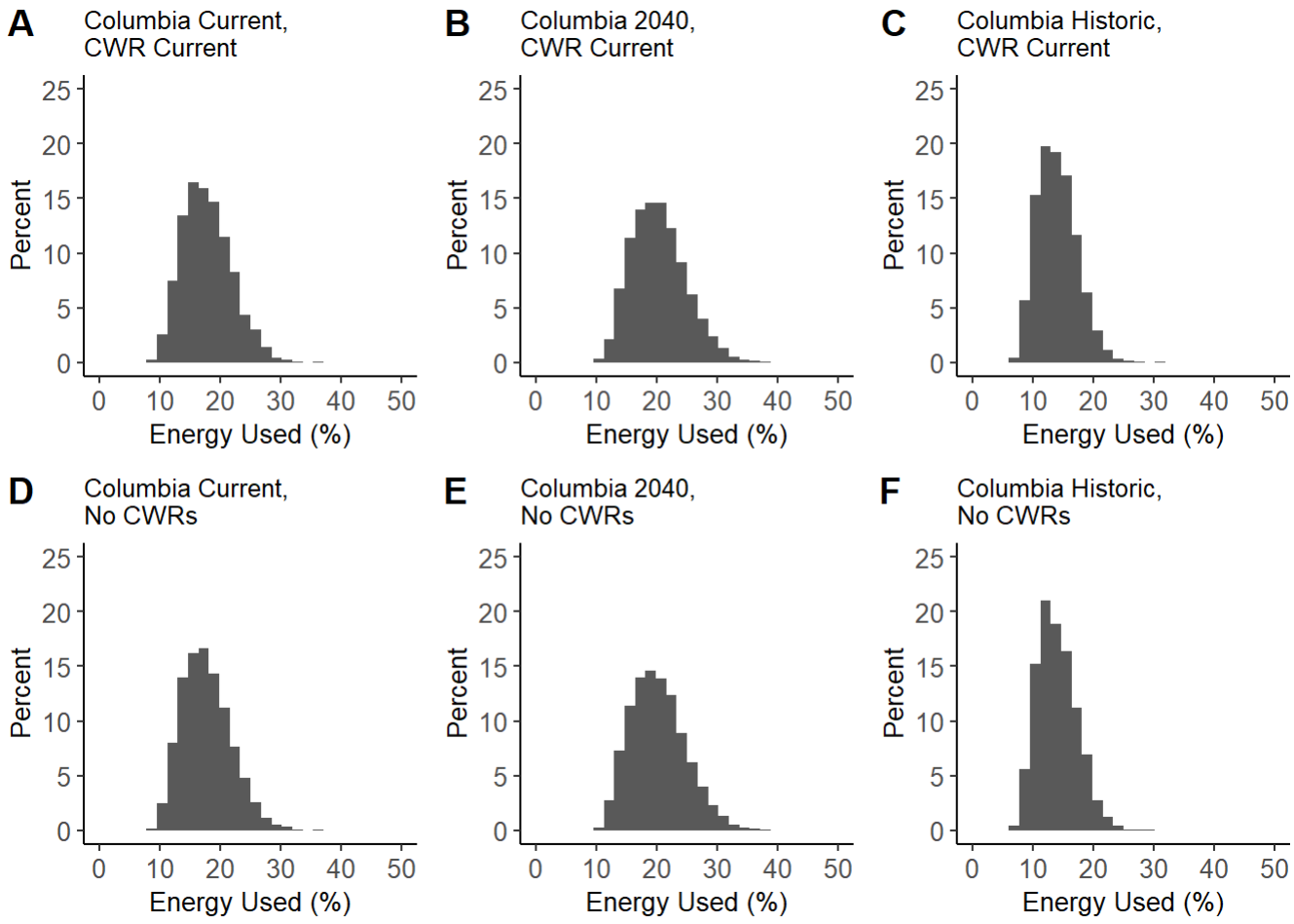

Fig. 6.1 Histogram of percent energy lost for modeled Snake River Fall Chinook salmon migrating through different modeled thermalscapes.

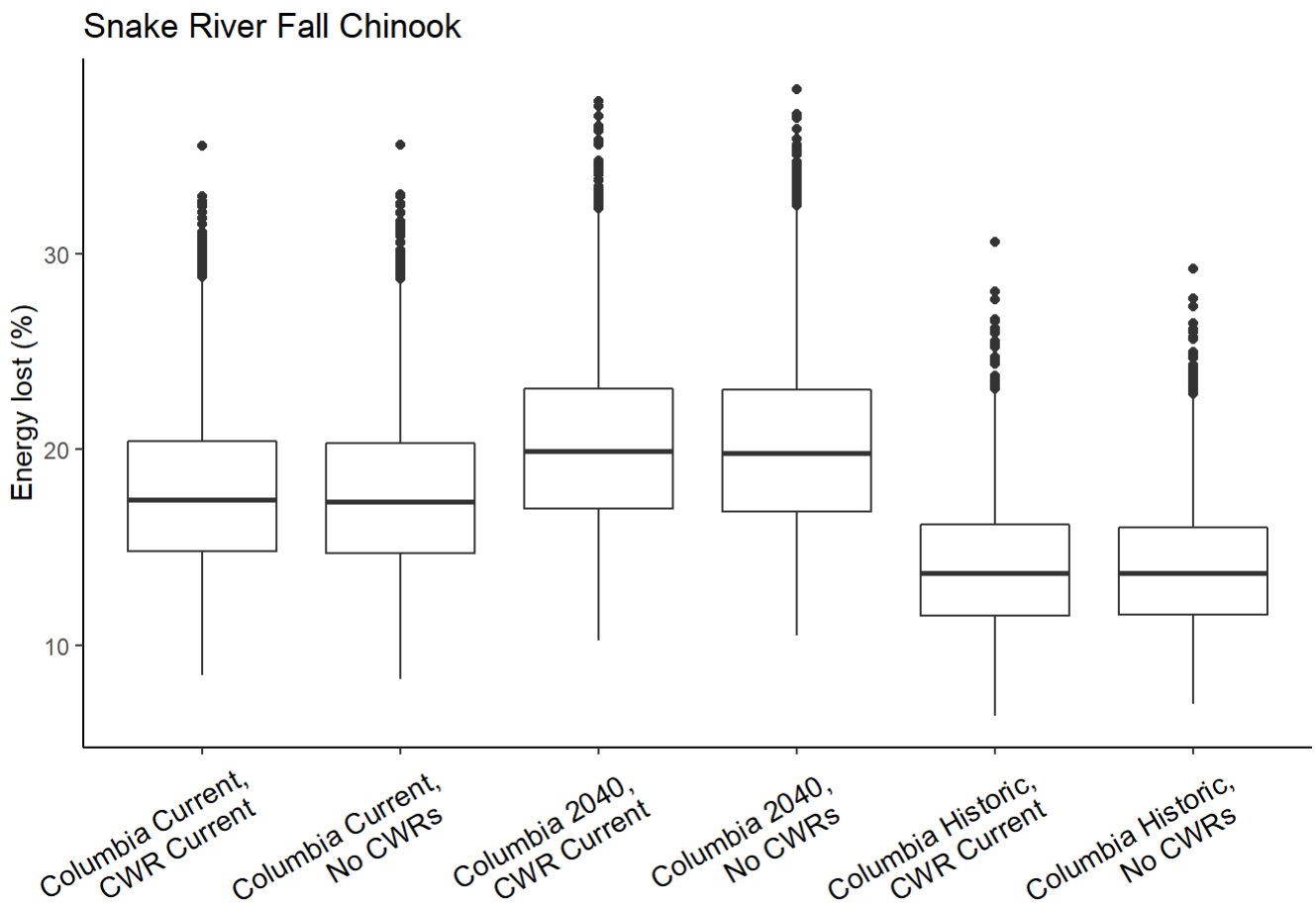

Fig. 6.2 Boxplot of percent energy lost for modeled Snake River Fall Chinook migrating through different modeled thermalscapes.

Table 6.1 Percent energy used across different HexSim thermalscapes summarized for Snake River Fall Chinook.

Scenario	Minimum	25% quantile	Median	75% quantile	Maximum
Columbia 2040, CWR Current	10.2	17.0	19.9	23.1	37.8
Columbia Historic, CWR Current	6.4	11.5	13.7	16.2	30.6
Columbia Current, CWR Current	8.5	14.8	17.4	20.4	35.5
Columbia 2040, No CWRs	10.5	16.8	19.8	23.1	38.4
Columbia Historic, No CWRs	7.0	11.5	13.7	16.0	29.2
Columbia Current, No CWRs	8.3	14.7	17.3	20.3	35.6

Table 6.2 Model output for total hours residing in cold water refuges summarized for Snake River Fall Chinook.

Scenario	CWR Residence (h/individual)
Columbia Current,CWR Current	11
Columbia Current, No CWRs	0
Columbia 2040, Current	21

Scenario	CWR Residence (h/individual)
Columbia 2040, No CWRs	0
Columbia Historic, Current	2
Columbia Historic, No CWRs	0

Table 6.3 Model output for percent of individuals dying from acute temperature stress summarized for Snake River Fall Chinook.

Scenario	Total mortality
Columbia Current,CWR Current	0.00
Columbia Current, No CWRs	0.00
Columbia 2040, Current	0.07
Columbia 2040, No CWRs	0.10
Columbia Historic, Current	0.00
Columbia Historic, No CWRs	0.00