The Question:
Seismic lines facilitate predator movement, but will vegetation regrowth be enough to alter predator response?

Spring
Wolves moved towards seismic lines with higher vegetation

Summer & Fall
Wolves moved towards, and faster near, seismic lines with lower vegetation

Winter
Wolves moved towards all seismic lines

Spring & Summer
Bears moved towards seismic lines with lower vegetation

Wolves moved towards seismic lines regardless of vegetation height; during summer and fall, they moved faster near those with vegetation < 0.7 m.

Bears did not respond to seismic lines with higher vegetation

Implications:
Natural regeneration may not be enough to alter wolf response to seismic lines – active restoration/alternate prey management could be evaluated.


@lfinnegal

Illustrated by: Jennifer Hird