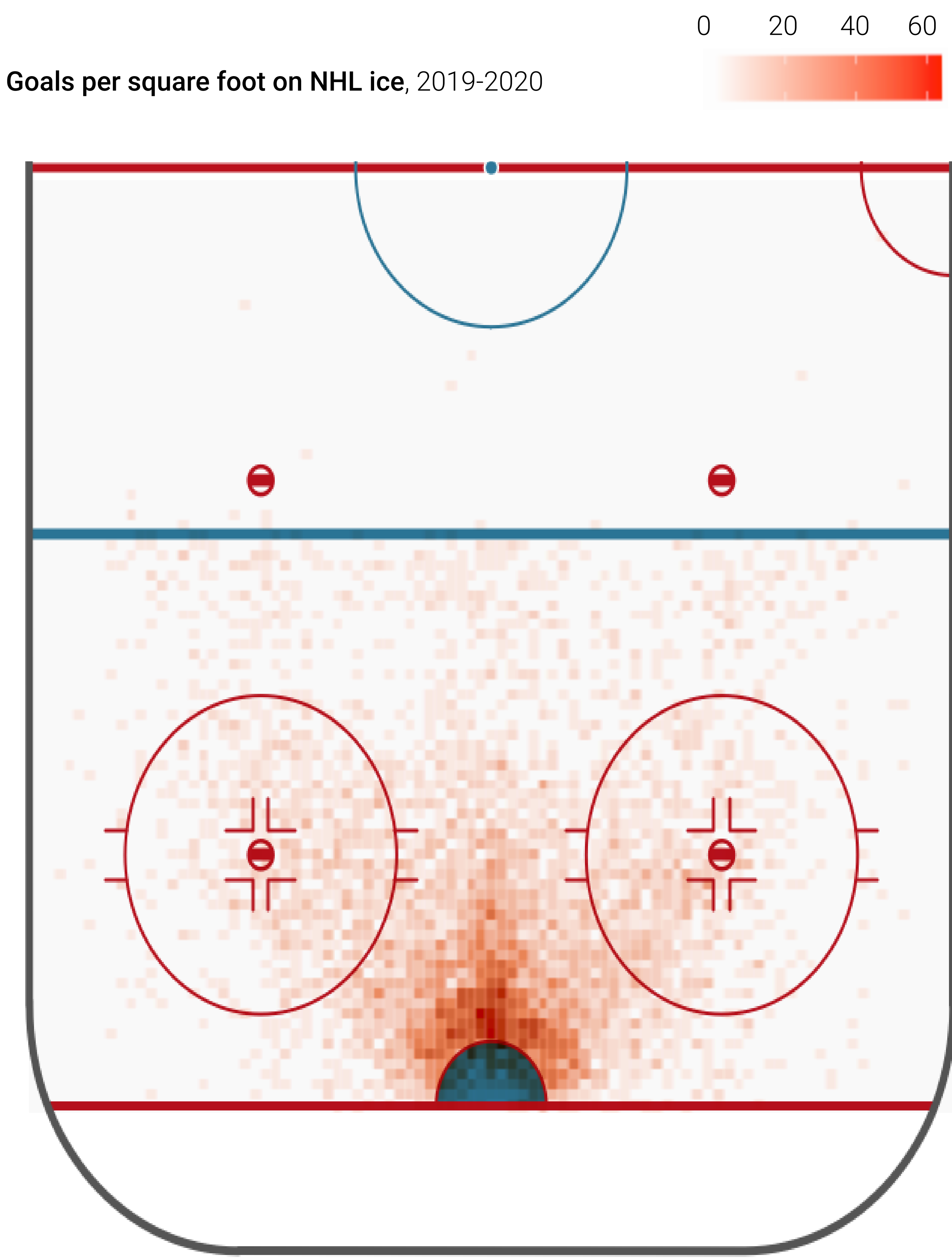
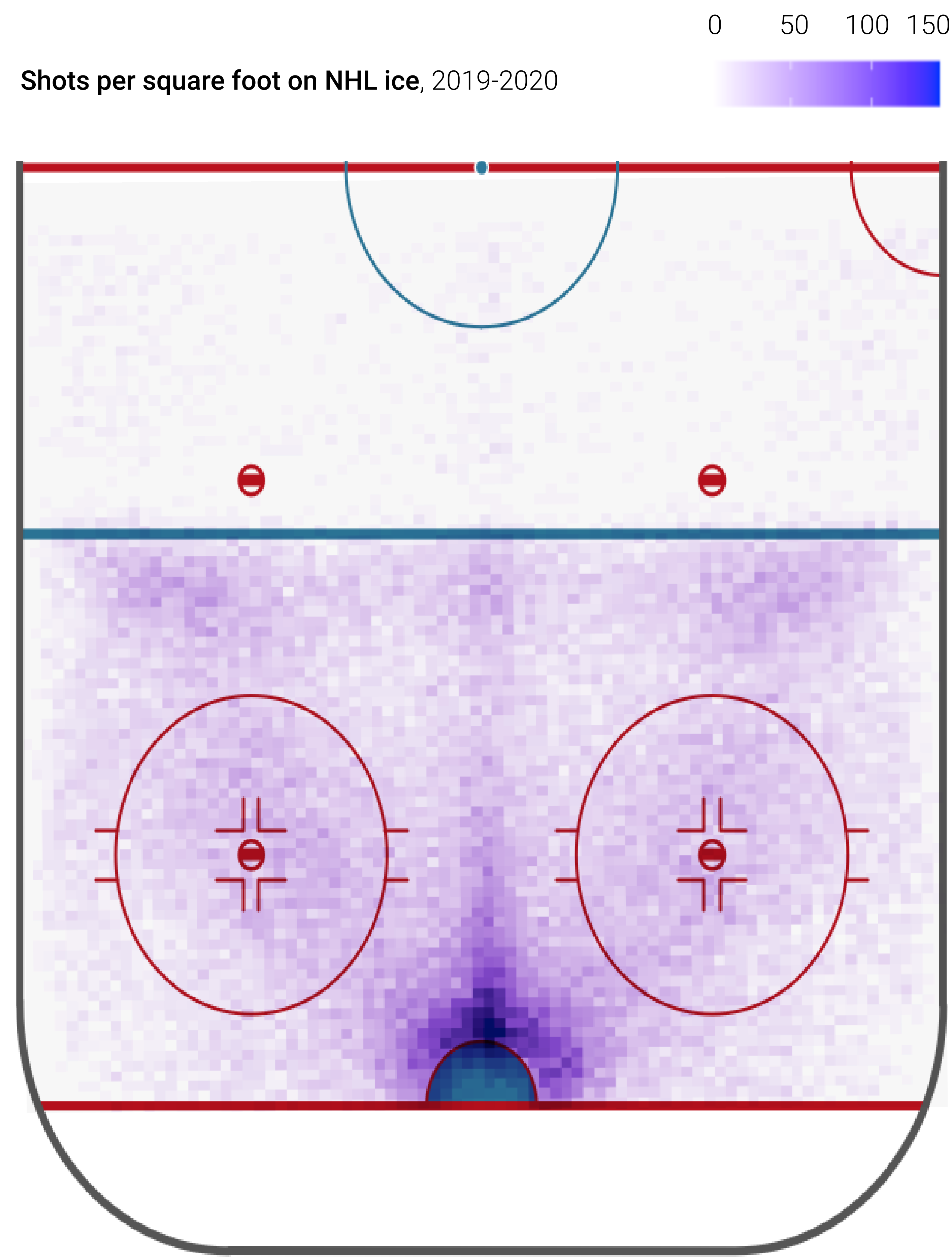
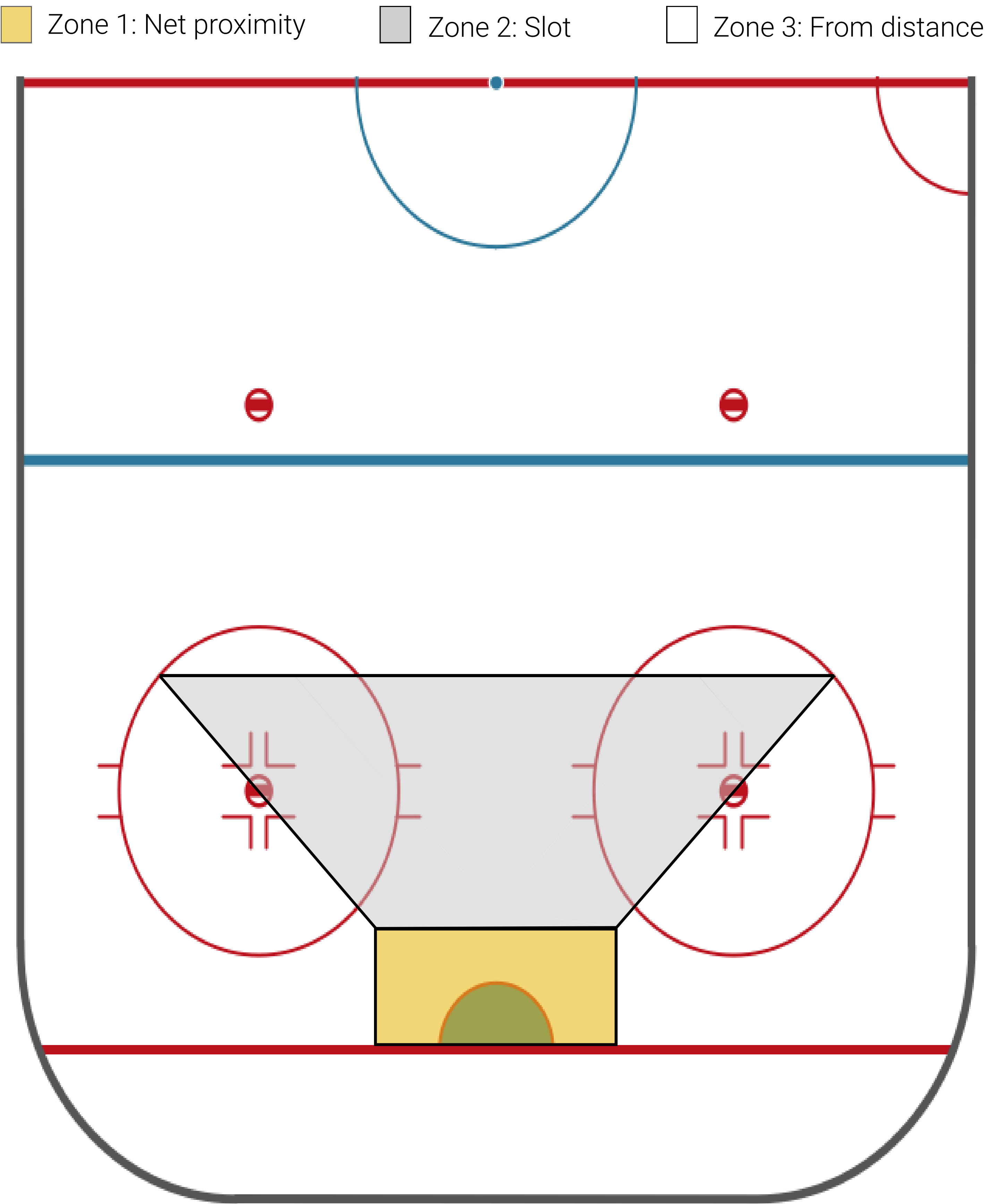


To fairly evaluate scoring chances across all NHL players, we began by investigating the difficulty of scoring in different situations

We analyzed opportunities from different locations (goal proximity, slot, from distance) and in different phases of play (even-strength, power-play, short-handed). Based on number of shots and goals generated, we computed the goal conversion rate across different play situations.



Conceptual breakdown of ice into 3 shot-zones based on frequency and scoring rate



Conversion rate of shots to goals under different situations, 2019-2020

	Shots taken from Zone 1	Shots taken from Zone 2	Shots taken from Zone 3
Shots taken at Even Strength	21.7%	14.4%	4.3%
Shots taken in Power-Play situations	27.5%	17.22%	9.2%
Shots taken in Short-Handed situations	24.4%	15.6%	3.0%