



It's important to understand the relationships between different controls. Some are parabolic like the boom vang, others are inverse parabolas, like the outhaul. Controls like cunningham and halyard tension are more linear and max out around 20 knots. For the vang and jib trim a dramatic crossover happens around 15 knots once trapping and upwind planing are possible. Putting the bow down and sailing in "fast mode" gives greater upwind VMG. Easing vang and jib also help keep the boat flat in high wind.