

Optimal Tire Pressures

What is the Optimal Hot TP?

Hoosier Recommends

SPEEDSTERS

185/65R15 Cold: 22-24 PSI / Hot: 30-32 PSI

205/60R15 Cold: 22-24 PSI / Hot: 30-32 PSI

~6-8 PSI TP gain
from cold to hot.



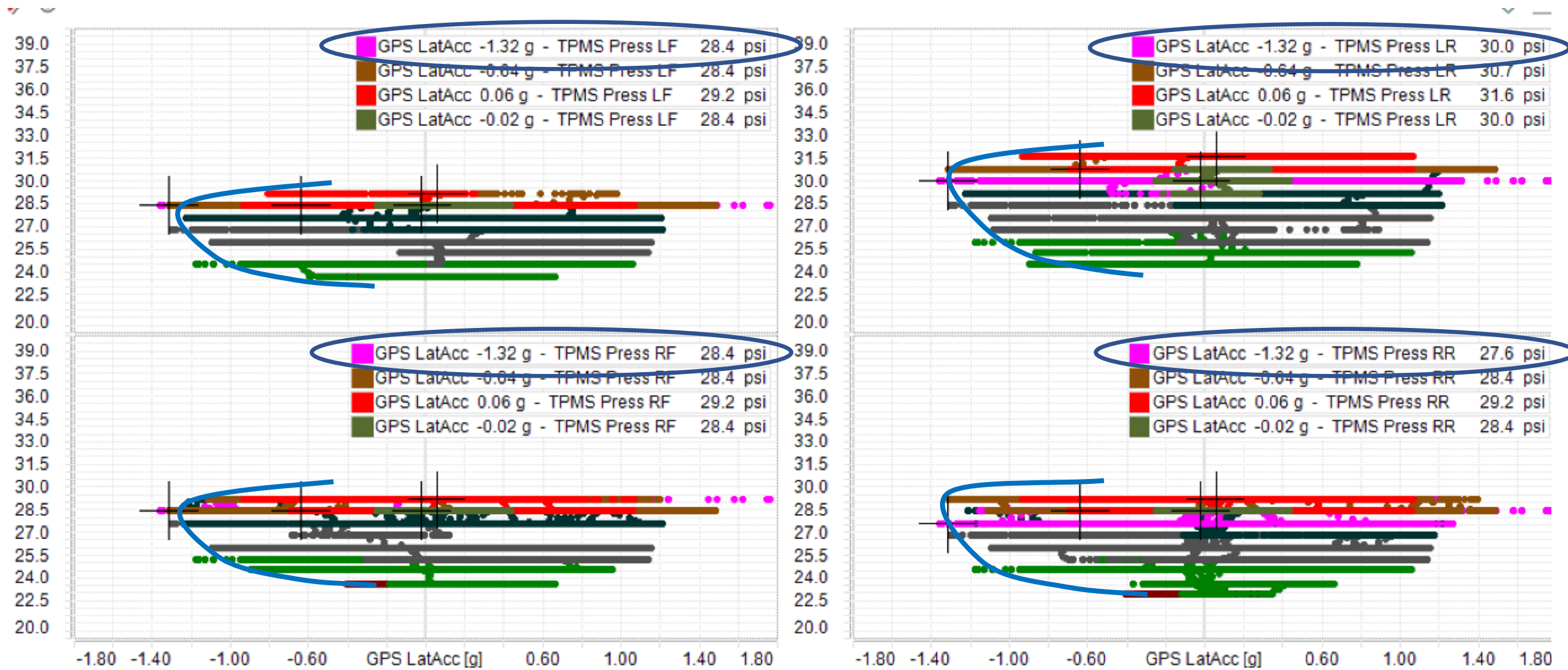
Other Recommendations

- A) (X) lb PSI per 100 lbs of car weight
- B) Trial and error (what feels good)
- C) Use what Dr. J recommends!!!



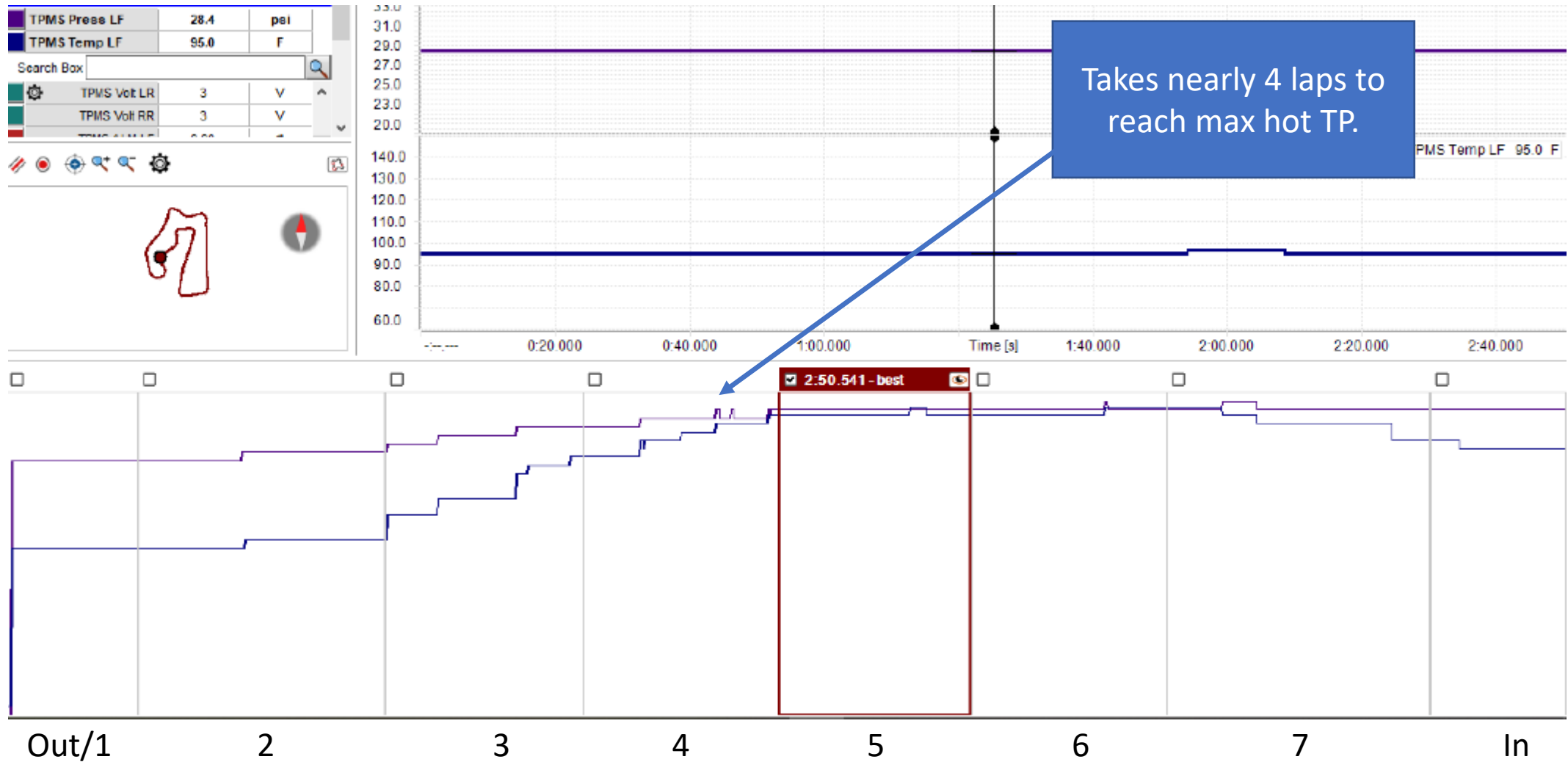
What TP = Max Turning Capability?

TP by Lat G per Lap



How Long to Reach Hot TT/TP?

LF TP by Lap



What is the optimal (i.e., hot) TP?

Initial Lessons Learned

- Hoosier recommends ~30 PSI hot tire temperature, cold TP 22-24 PSI.
- 28.4 PSI seems to be associated with max lateral grip, at least for the front. }
- Higher TP may be associated with better max lateral rear grip.
- It takes several laps (e.g., 4-5) to reach the highest TP.

Different TP readings on different gauges (e.g., TP sensor reads 1.5 lbs lower than handheld guage.)

