



PHYSICIAN THERAPEUTICS

Targeted Cellular Technology[®]

Trazamine[™] Study

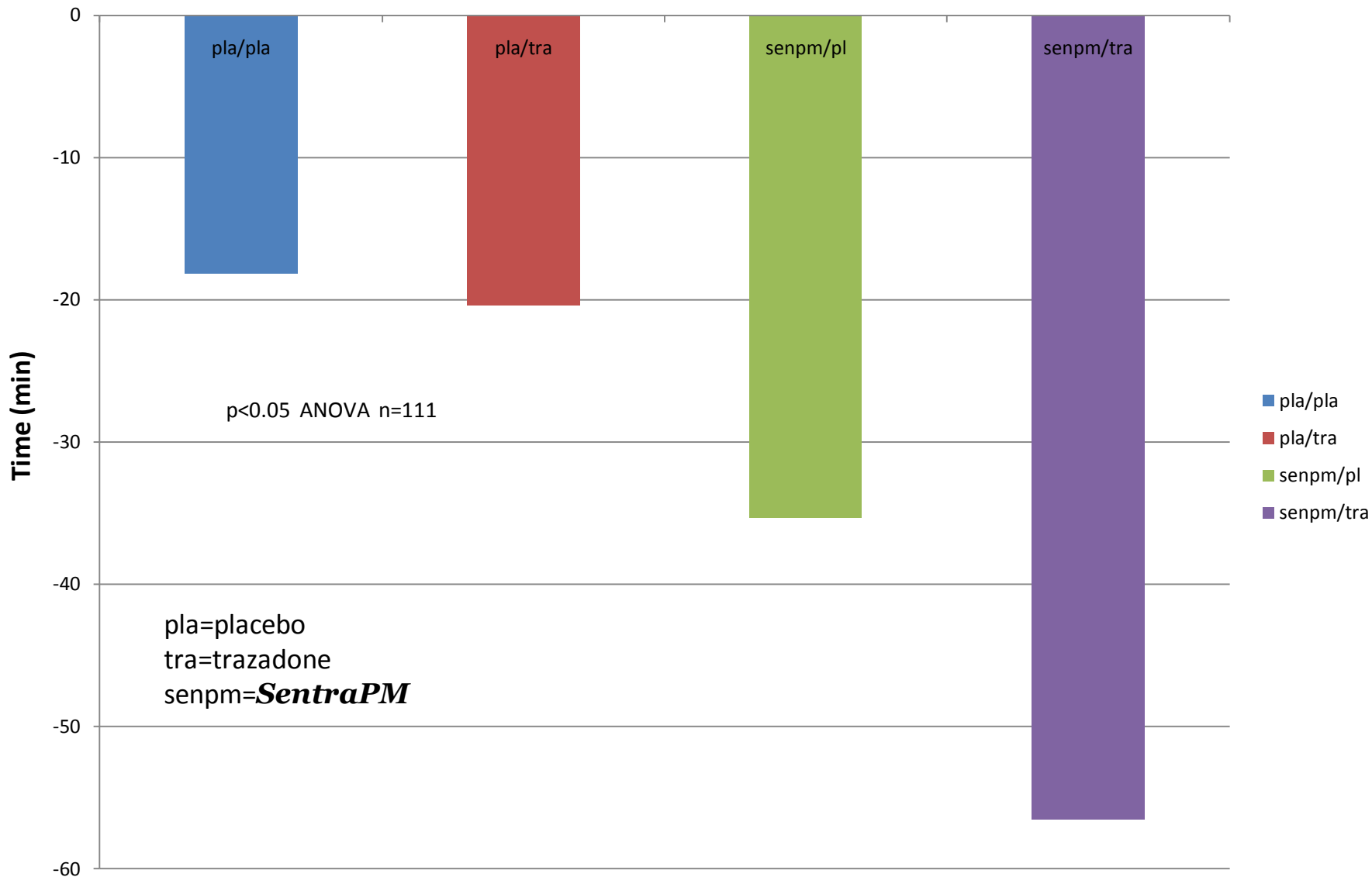
A Double Blind Placebo Controlled Trial Using
Sentra PM[®] and *trazadone*

October 7, 2008

TrazamineTM Study

- Double blind placebo controlled trial
- 118 patients
- 10 national sites
- VAS scales
- Likert scales
- Advanced heart rate variability analysis
- Completed September 2008

Reduction in Time to Sleep



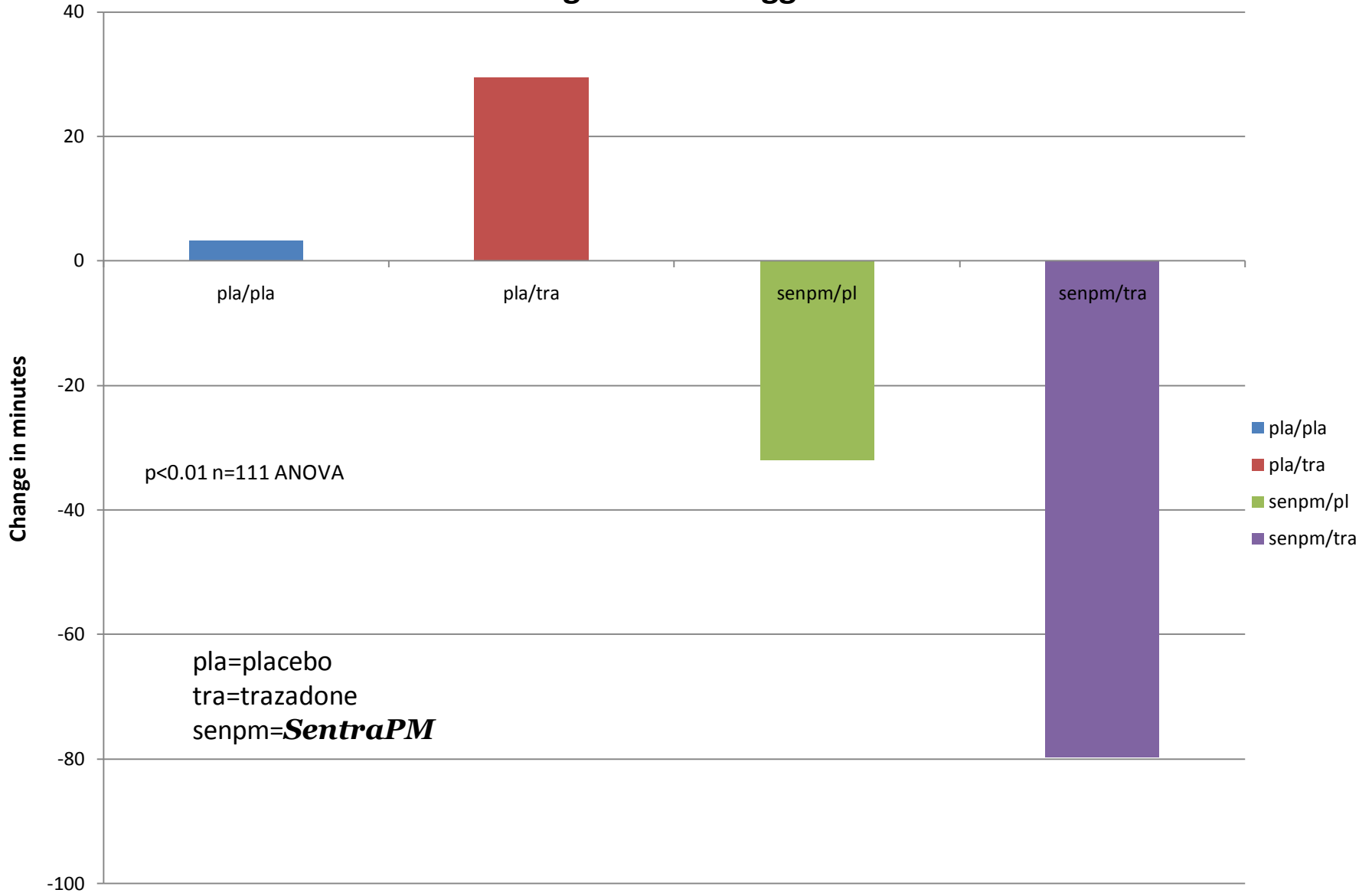
p<0.05 ANOVA n=111

pla=placebo
tra=trazadone
senpm=*SentraPM*

Double Blind Placebo Controlled Trial

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Change in AM Grogginess



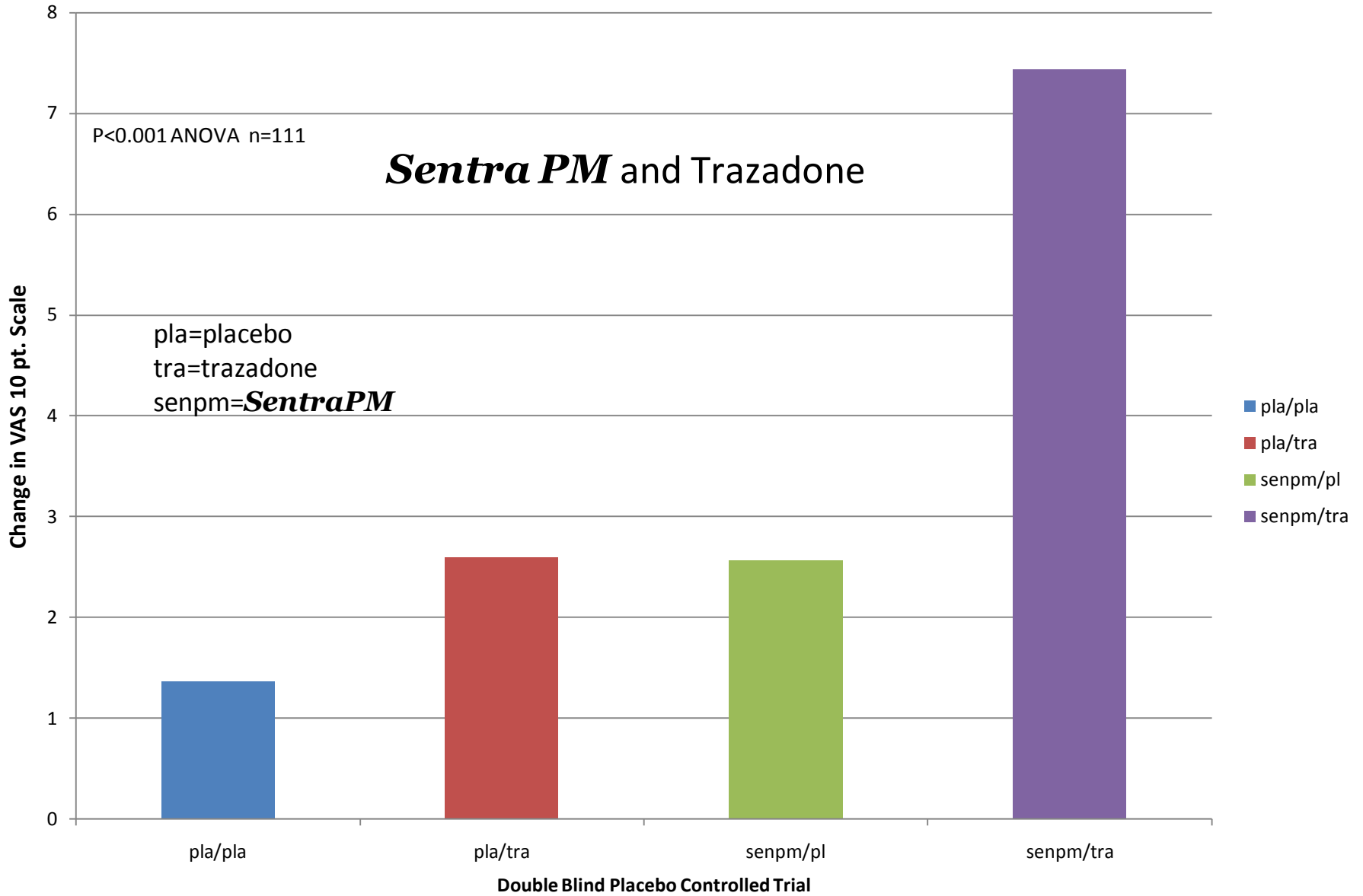
$p < 0.01$ $n = 111$ ANOVA

pla=placebo
tra=trazadone
senpm=*SentraPM*

Double Blind Placebo Controlled trial $n = 111$

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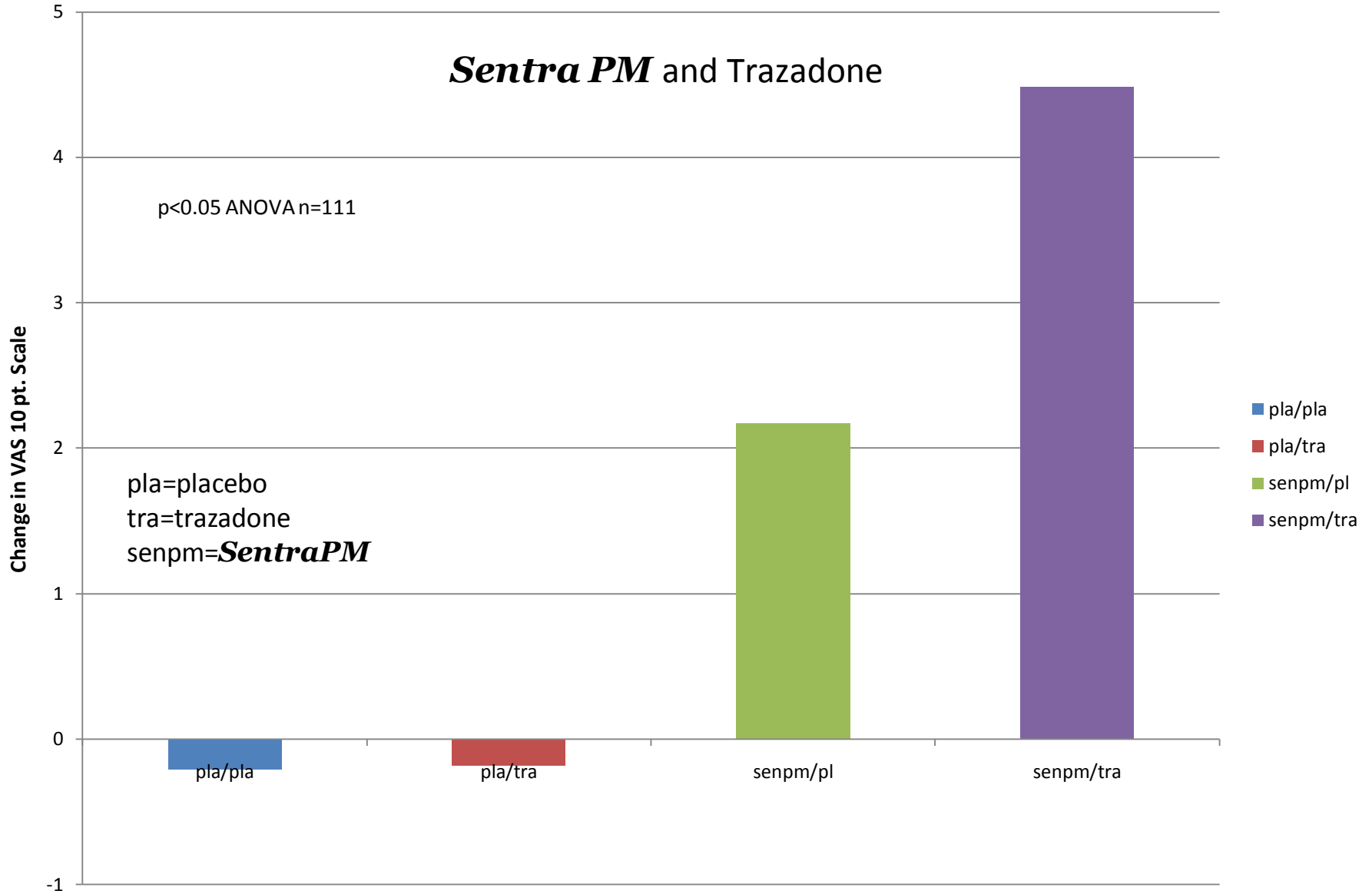
Improvement in Quality of Sleep



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Change in Restorative Sleep

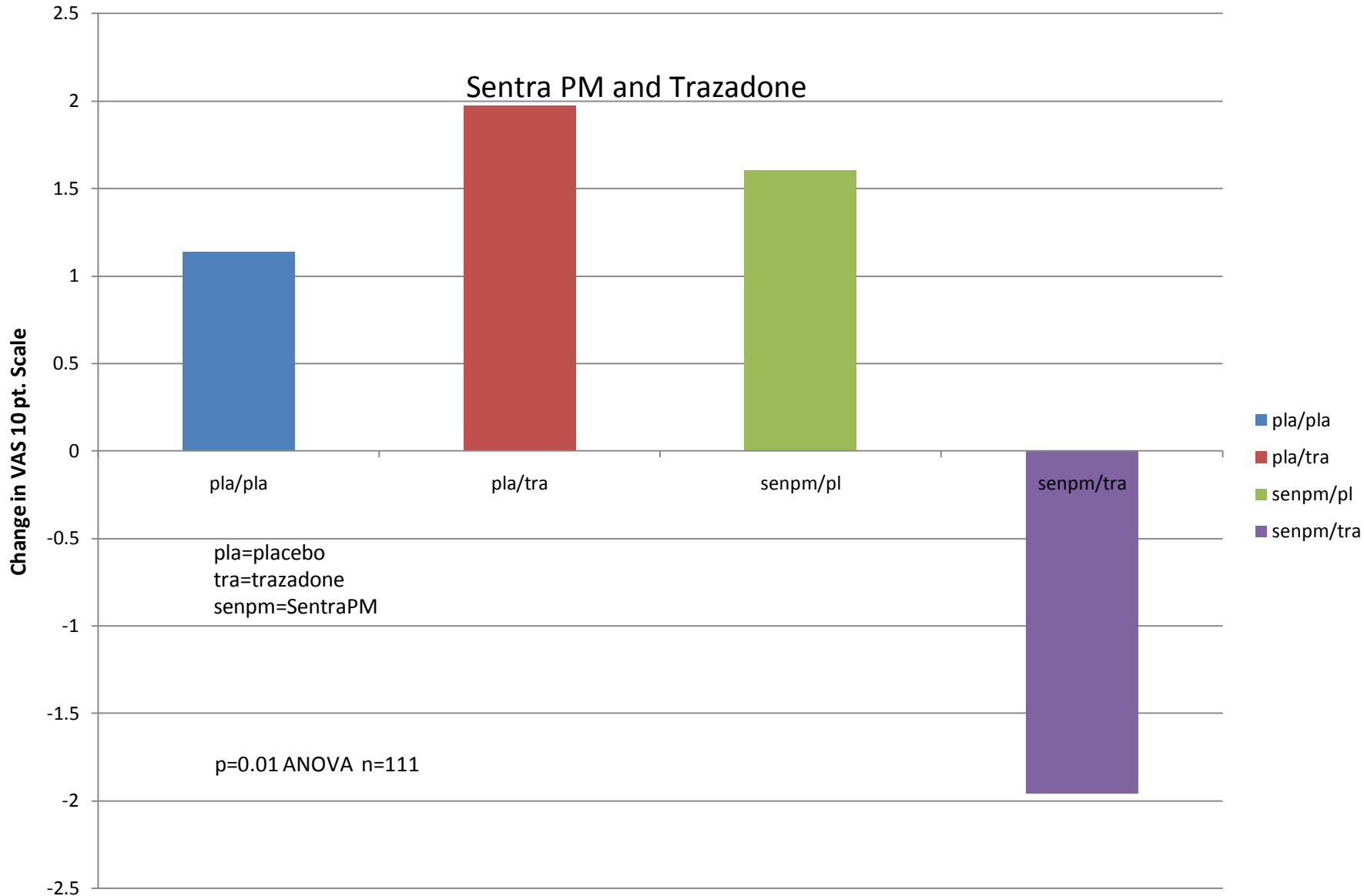
Sentra PM and Trazadone



Double Blind Placebo Controlled Trial

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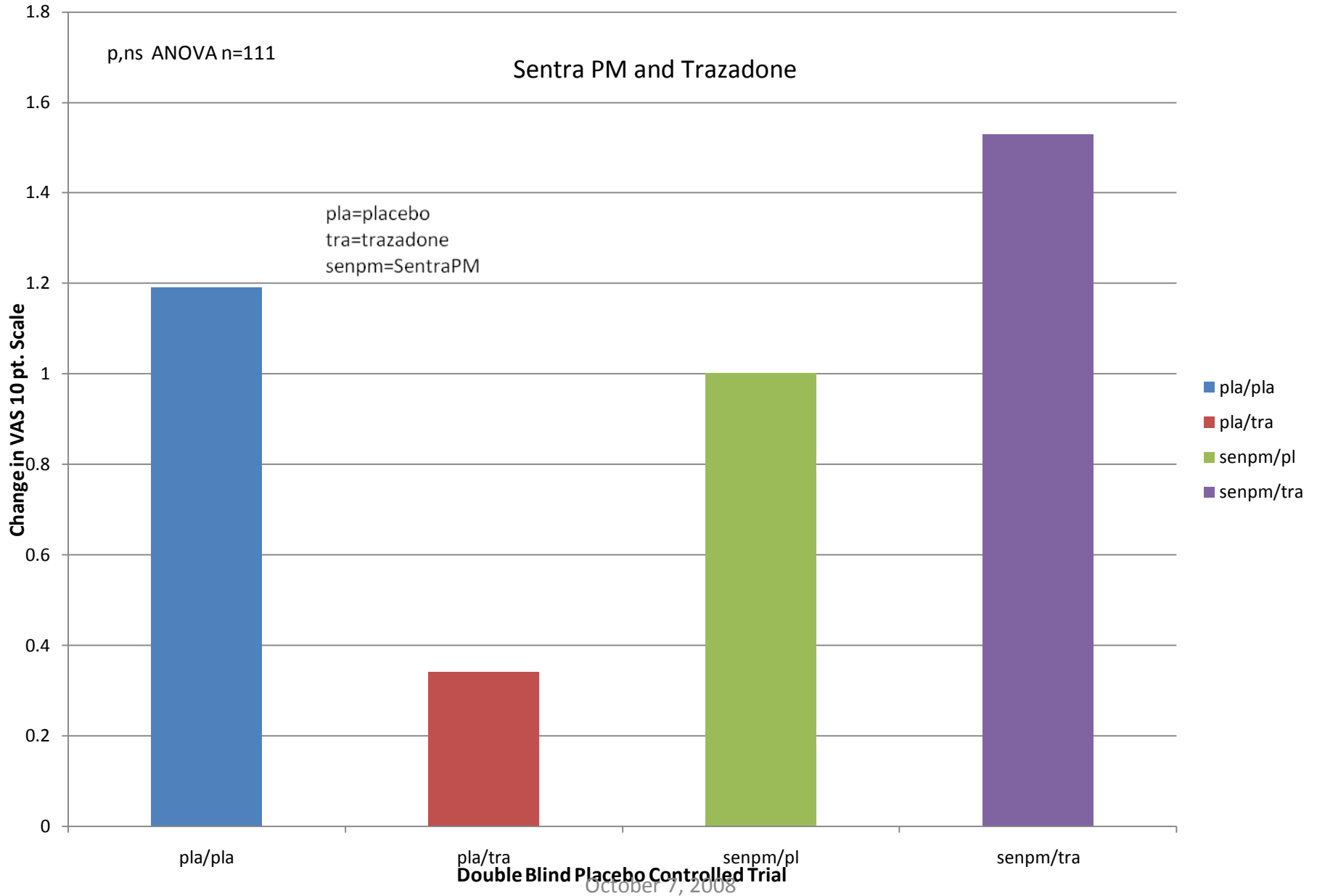
Change in Feelings of Depression



Double Blind Placebo Controlled Trial

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Change in Feelings of Anxiety

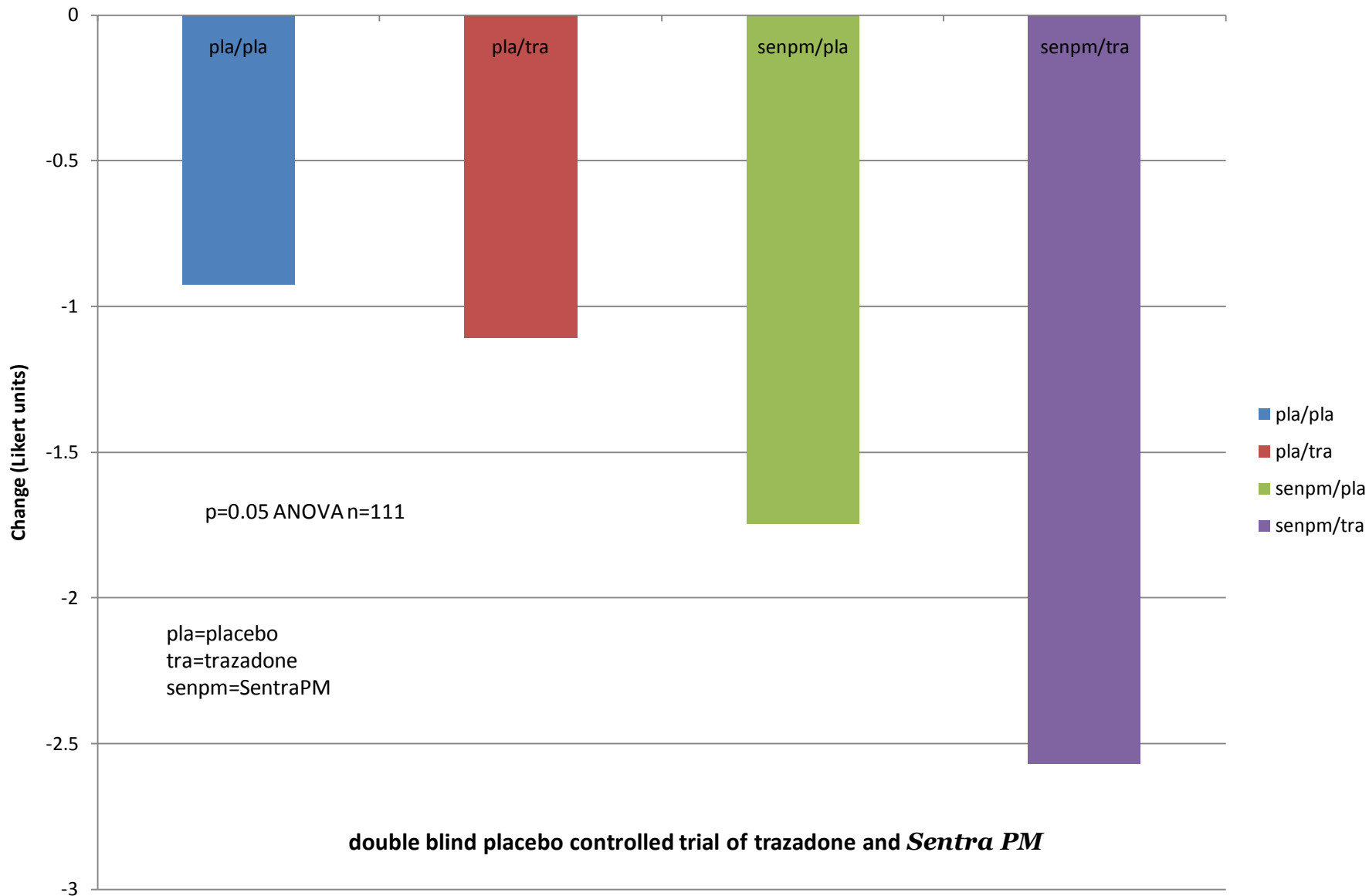


p,ns ANOVA n=111

Sentra PM and Trazadone

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Changes in Perceived Snoring



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Changes in Nighttime Parasympathetic Activity

