

Palissage



Justine Vanden Heuvel
Justin France

Shoot wrap



Shoot wrap





Shoot tuck



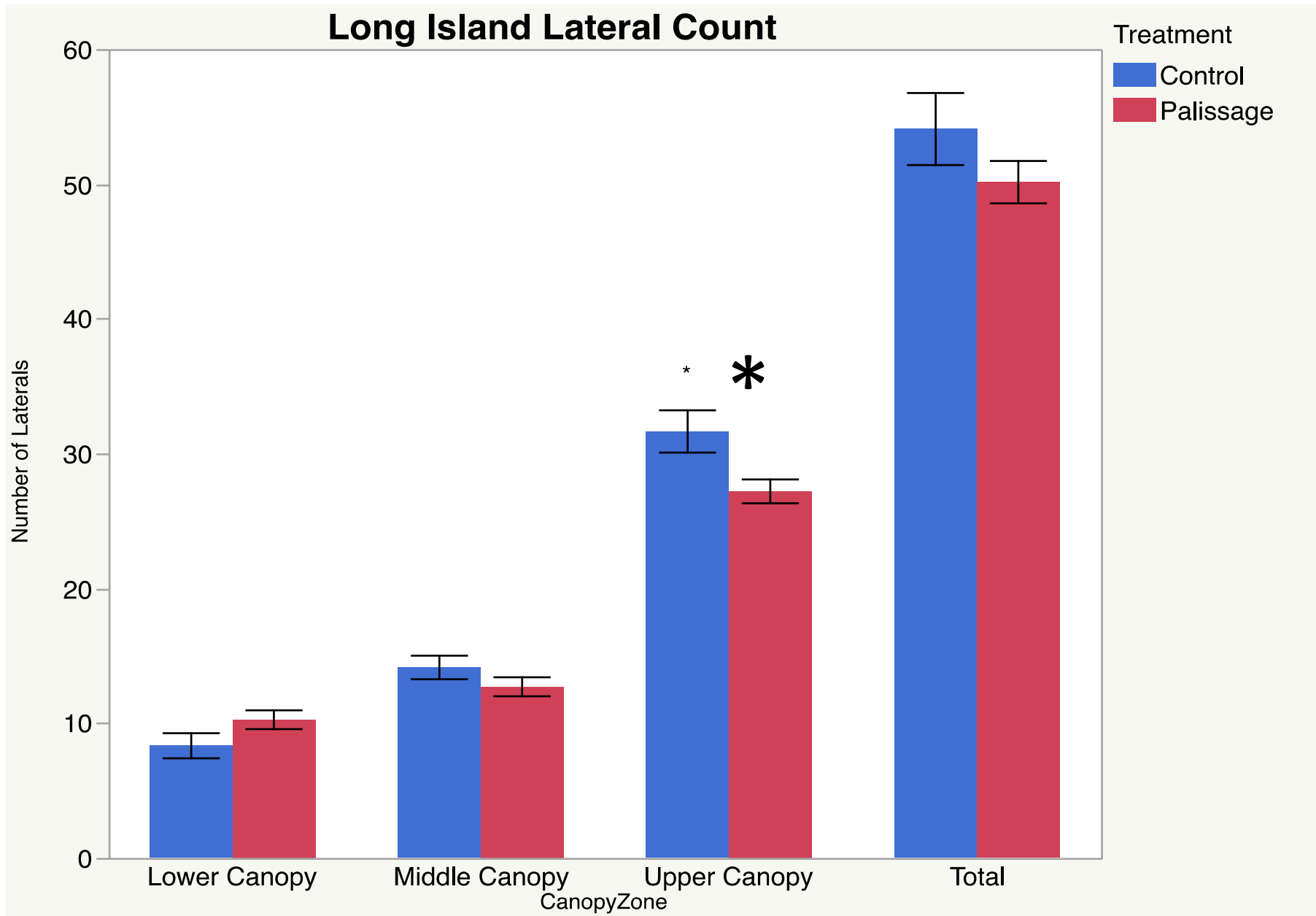
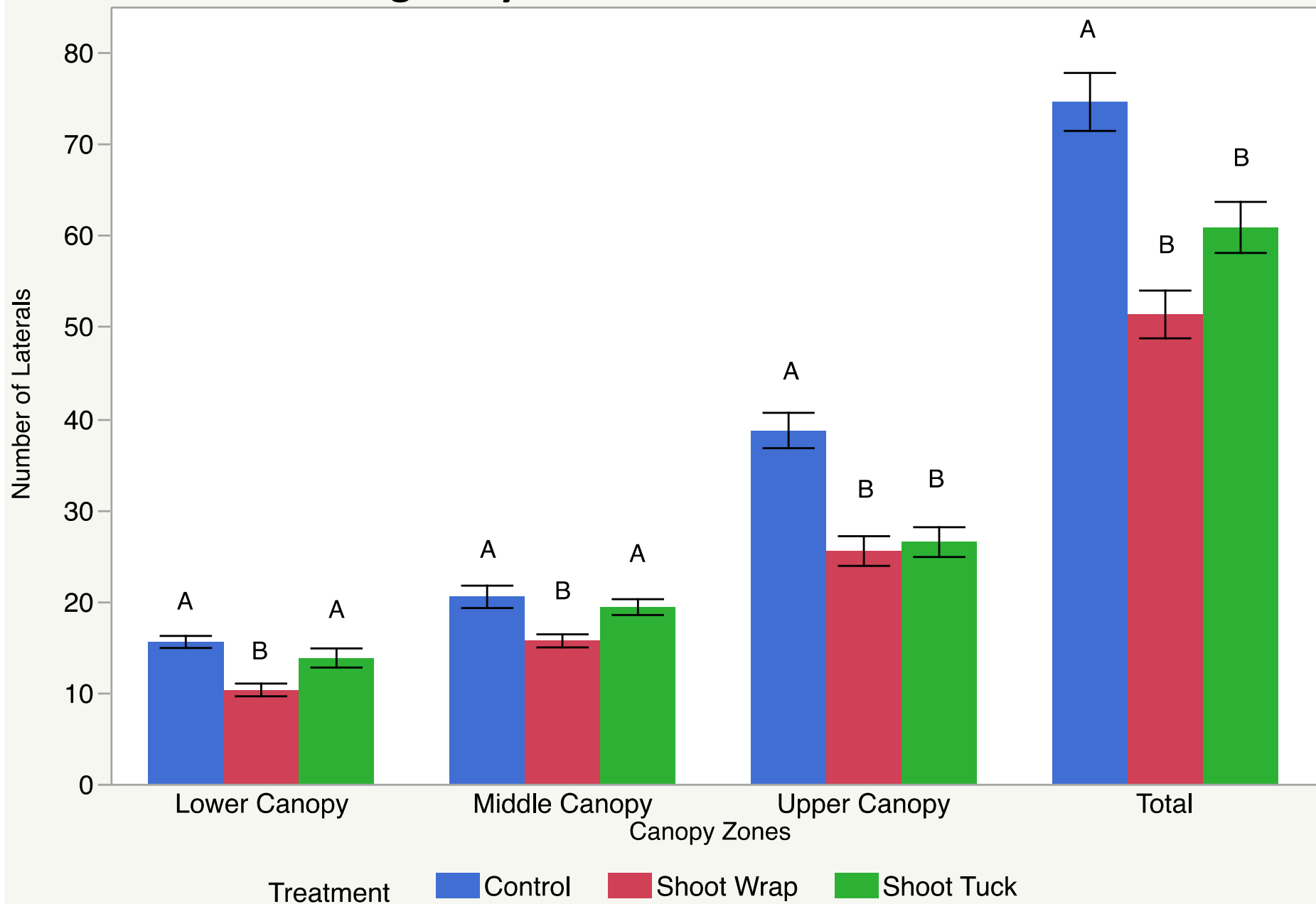


Figure xx. Lateral counts at different canopy heights/zones. Columns with * are significantly different at $P = 0.05$.

King Ferry Lateral Count



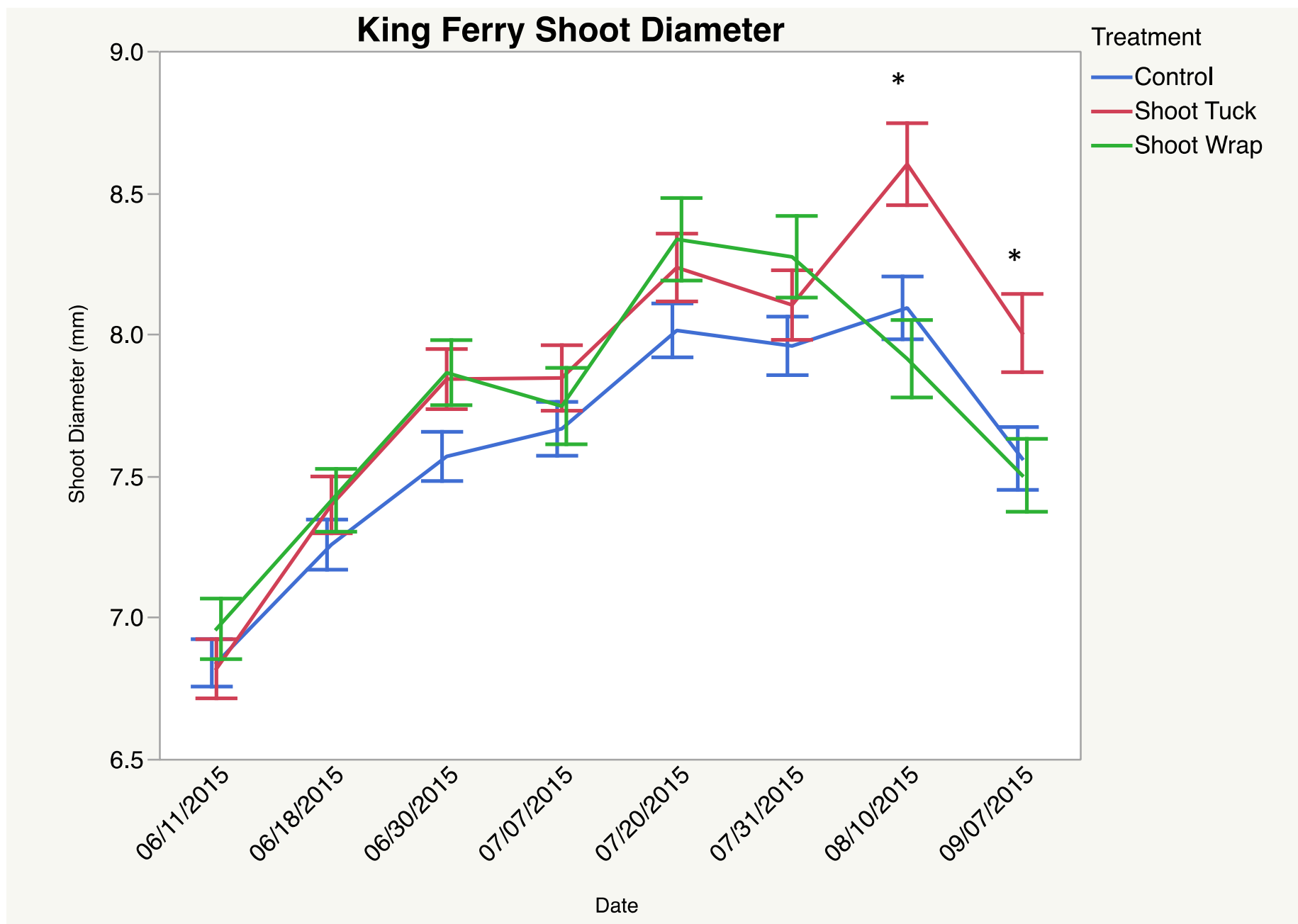


Figure xx. Lateral counts at different canopy heights/zones. Columns with * are significantly different at $P = 0.05$.

King Ferry Juice Analysis 2015

| Treatment | Harvest Date | Brix | pH | TA (g/L) | Malic (g/L) | Acetic (g/L) |
|------------|--------------|------|------|-------------|----------------|-----------------|
| Control | 10/10/15 | 20.4 | 3.10 | 8.0 | 1.7 | 0.06 |
| Shoot Tuck | 10/10/15 | 19.7 | 3.09 | 8.6 | 2.4 | 0.06 |
| Shoot Wrap | 10/10/15 | 20.4 | 3.08 | 8.6 | 2.1 | 0.07 |

King Ferry Wine Analysis 2015

| Treatment | Harvest Date | pH | TA (g/L) | Malic (g/L) | Lactic (g/L) | Acetic (g/L) | %EtOH | Glu&Fru % |
|------------|--------------|------|-------------|----------------|-----------------|-----------------|-------|--------------|
| Control | 10/10/15 | 2.97 | 9.40 | 1.60 | 2.10 | 0.25 | 12.05 | 0.03 |
| Shoot Tuck | 10/10/15 | 2.96 | 9.95 | 2.25 | 2.00 | 0.25 | 11.35 | 0.02 |
| Shoot Wrap | 10/10/15 | 2.93 | 9.85 | 2.05 | 1.95 | 0.27 | 12.10 | 0.03 |

Palissage

- Timing is important
- At King Ferry, one palissage pass = three canopy management passes
- Foliar diseases may be a concern
- Cluster density decreased by shoot wrapping compared to hedging early in Luxembourg study
- Botrytis decreased by shoot wrapping compared to early hedging in Luxembourg study in Pinot gris but not Riesling