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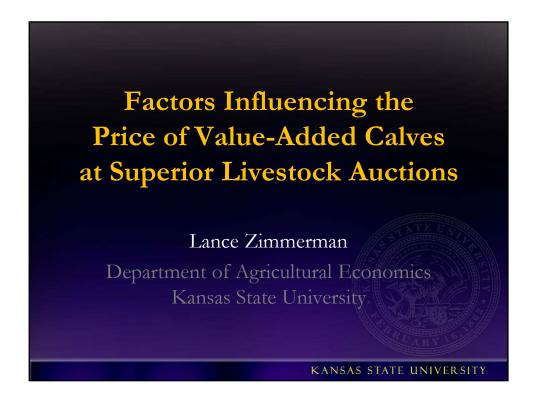
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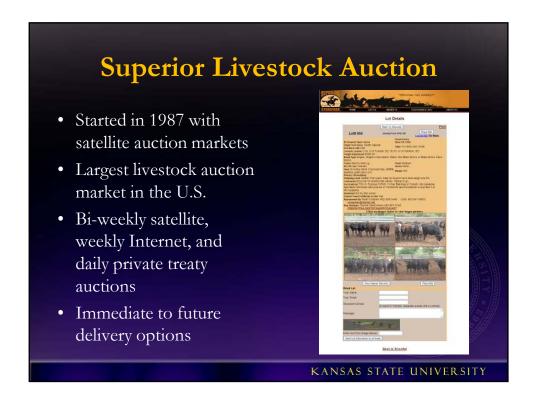
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Why video auction markets?

Bailey et al. 1991

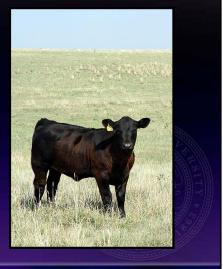
- Large numbers of cattle from many locations
- Various weight and lot characteristics
- More information about cattle, feed and vaccination history
- More buyers at auction



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Video Auction Studies

- Blank et al. 2009
 - Regional price differences
 - 1997 to 2007 WVM sales
 - 4,116 lots, 571,000 steers500-625 lbs.
 - 5,147 lots, 874,000 steers 750-925 lbs.
- Blank et al. 2006
 - 1997 to 2003 WVM sales
 - 1,979 lots, 280,000 steers 500-625 lbs.



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Video Auction Studies (con't)

- Bailey et al. 1995
 - Buyer concentration
 - 1987 to 1992 SLA sales
 - 3 million cattle
- Bailey et al. 1993
 - 1987-1989 SLA sales
 - 1988-1989 OKC Regional
 - Steers and heifers

- Bailey et al. 1991
 - Video vs. regional market prices
 - 1987 SLA sales
 - 75,855 lots, 600-800 lbs. steers
- Coatney et al. 1996
 - Feeder cattle price differentials
 - 1992 SLA sales
 - 2,441 lots

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Superior Livestock Auction Database

In 1994, Pfizer Animal Health started collecting SLA sale information including ...

- Price
- Sale date
- Delivery date
- Base weight
- Lot size
- Sex
- Weaning

- Vaccination program
- Breed
- Frame
- Flesh
- Origin
- Horned
- Implant

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Additions to the SLA Database

As the auction grew, the analyzed traits increased ...

- Implant type, spayed, special breed stamp, bangs vaccinated (1996)
- % of black-hided cattle in the lot (2000)
- Natural-market eligible (2004)
- Age-and-source verification and program (2005 & 2006)
- Vaccinated for Haemophilus somni and Moraxella bovis, test negative for BVD-PI, NHTC-market eligible (2008)
- Superior ProgressiveGenetics (2009)

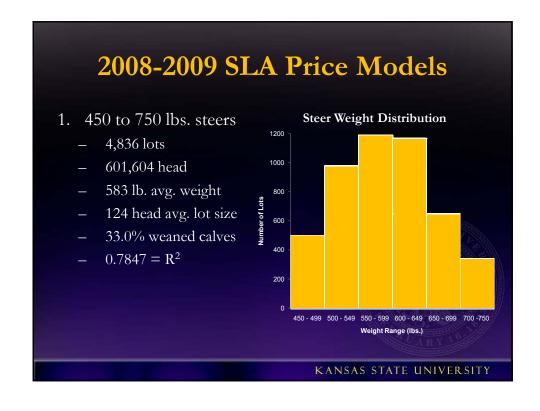
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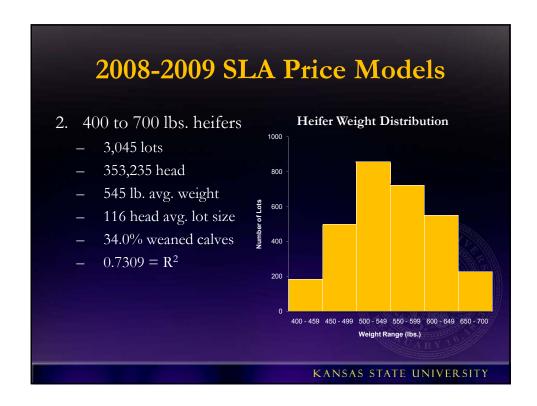
Research Objectives

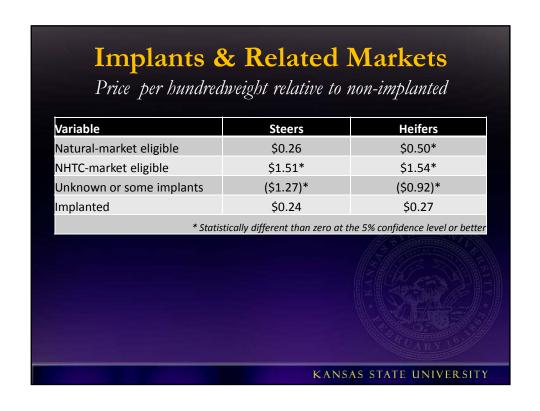


- Quantify the effect of lot characteristics and valueadded management on calf sale price
- Evaluate how outside market dynamics influence price
 - Futures prices
 - Export markets?
 - Choice/Select spread?

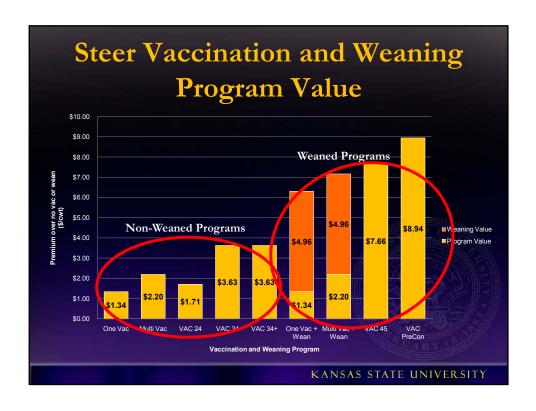
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Vaccinations & Weaning Price per hundredweight relative to non-vaccinated and non-weaned calves			
Veaned	Steers	Heifers	
No	\$1.71*	\$1.31*	
No	\$3.63*	\$2.45*	
No	\$3.63*	\$2.75*	
Yes	\$7.66*	\$6.72*	
Yes	\$8.94*	\$5.75*	
No	\$1.34*	\$0.56	
No	\$2.20*	\$1.84*	
Yes	\$4.96*	\$4.52*	
than zero at	the 5% confidenc	e level or better	
	Neaned No No No Yes Yes No No Yes	Veaned Steers No \$1.71* No \$3.63* No \$3.63* Yes \$7.66* Yes \$8.94* No \$1.34* No \$2.20*	



Specialty Vaccin Price per	nations &	Programs
Variable	Steers	Heifers
Pinkeye vaccinated	\$1.16*	\$1.03*
Haemophilus somni vaccinated	\$0.36*	\$0.13
Bangs vaccinated	N/A	(\$0.47)*
Tested BVD-PI Negative	(\$0.12)	\$0.10
Age-and-Source Verification	\$1.60*	\$1.65*
* Statistically (different than zero at the s	5% confidence level or better
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Variable	Steers	Heifers
English & English-Cross	\$3.49*	\$3.25*
Continental & Continental-Cross	\$4.05*	\$2.73*
English-Continental-Cross	\$4.09*	\$3.90*
Black & Black-White-Faced	\$5.80*	\$5.37*
Predominantly Angus	\$6.51*	\$5.97*
Predominantly Red Angus	\$6.61*	\$13.02*
* Statistically	different than zero at the 5% co	nfidence level or better

