

# Computational Analysis of Gender and the Body in European Fairy Tales

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Digital Humanities 2011

# Hand-Coded Database

ID	Tale	Collection	Author	Teller
209	The Shepherd	Folktales of	Genevieve Massignon	Francois Castellar
210	Puss in Boots	Beauties, Be	Charles Perrault	

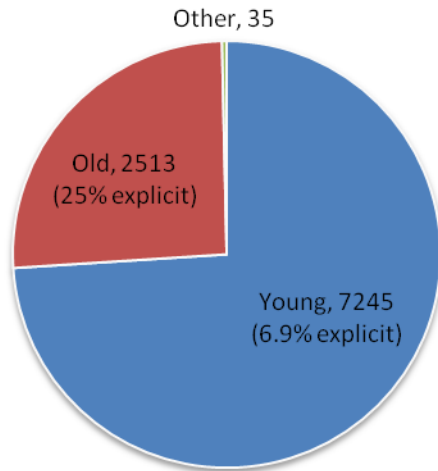
**Per Tale:** Tale ID, Tale, Collection, Author, Teller, Collector, Year Collected, Year of Writing/Collecting, Year of Publication, Tale Type, Region, Original Language, Gender of Teller/Writer, Gender of Collector, Gender of Editor, Gender of Protagonist

ID	Noun	Adjective	Text	Page	Gender	+/-	Age	Status	Mo
188	*Blank*	Human	back in	95	m	+	young	low	3
226	skin	*Blank*	oil ooze	322	f	*Blank*	young	high	1

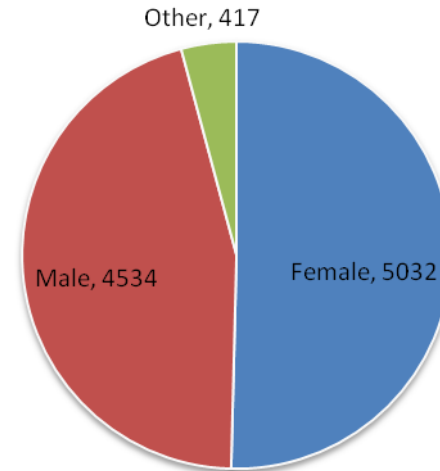
**Per Adjective / Noun:** Tale ID, Noun, Adjective, Text , Page number, Gender (m/f), + / - value, Young/old, High/low, Move (1-5), Quoted speech (y/n), Grotesque (y/n), Violence (y/n), Nudity (y/n), Skin tone, Transform to, Transform From

# Basic Statistics

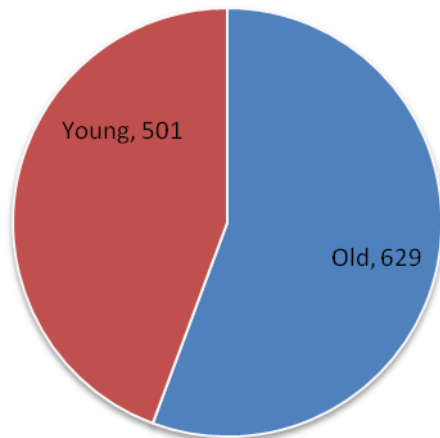
## Age



## Gender



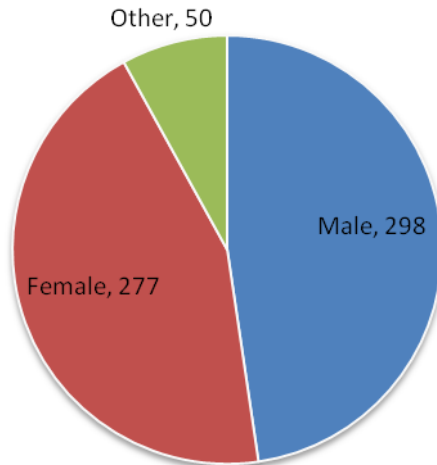
## Occurrences of "Young" and "Old"



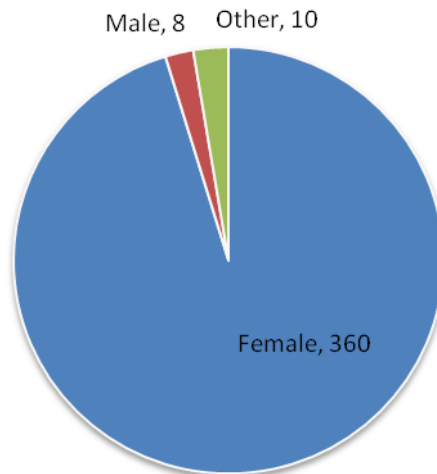
	With Age Descriptor	Total
Reference to Old Body	25.5%	7,247
Reference to Young Body	6.9%	2,513

# Correlations

## Occurrences of "Death"



## Occurrences of "Beauty"



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	Young	Old
<b>(dead) Female</b>	75.00%	25.00%
<b>(dead) Male</b>	52.17%	47.83%
<b>(little) Female</b>	97.74%	2.26%
<b>(little) Male</b>	72.20%	27.80%

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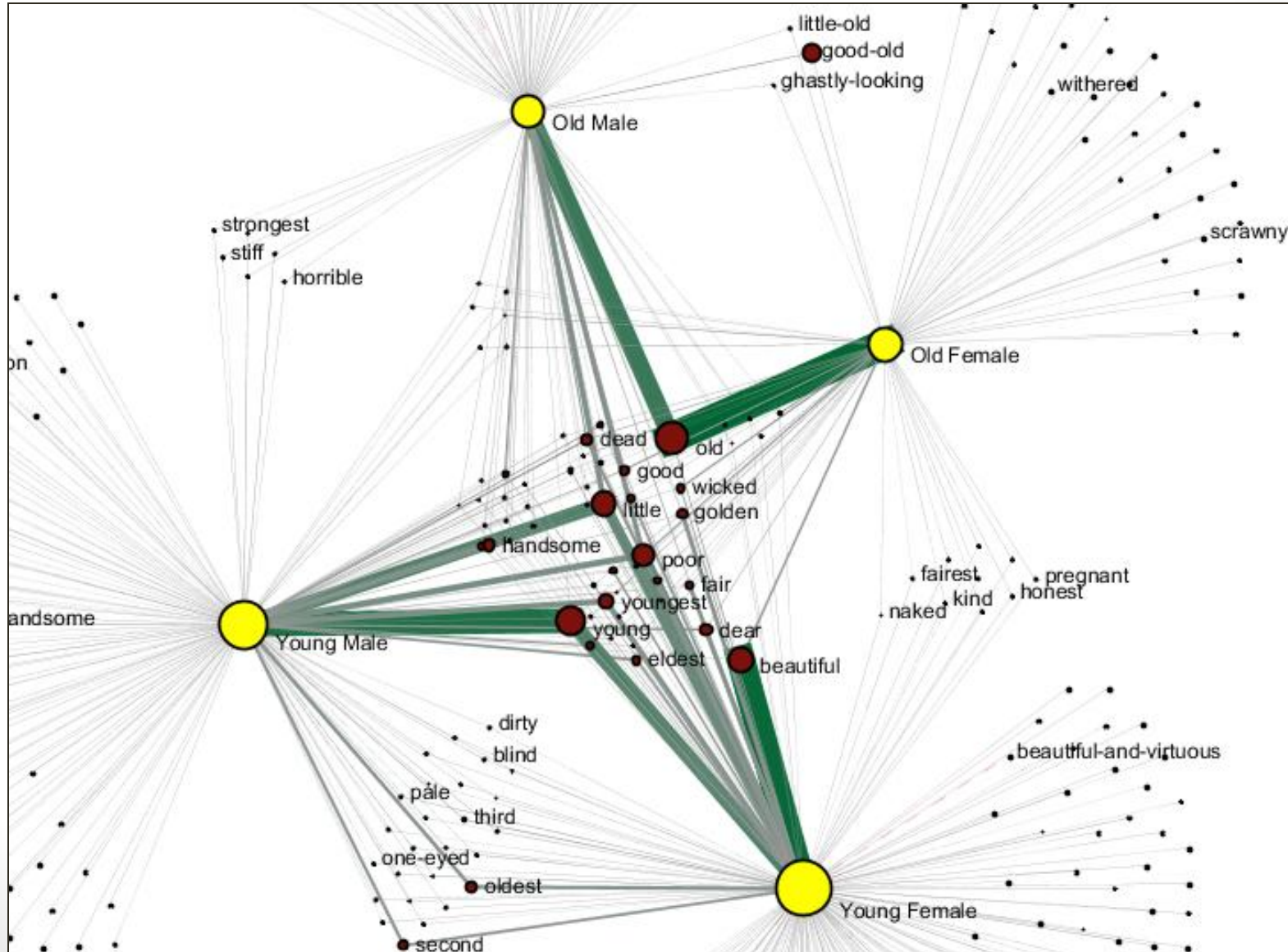
# Expected Values

<i># of Adjective Descriptors</i>	Female	Male
Old	14.5%	14.2%
Young	38%	28.2%

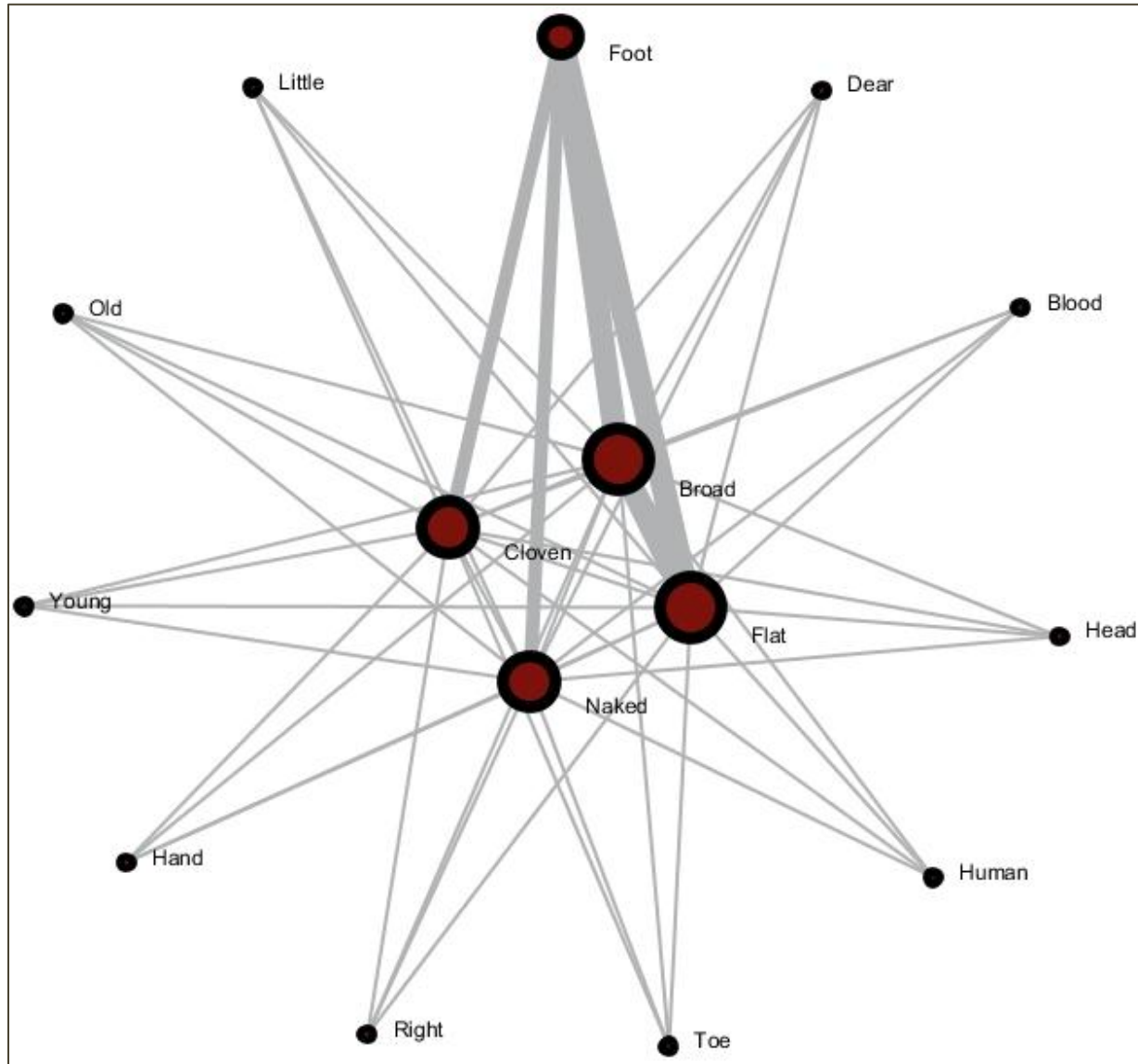
<i># of Body References</i>	Female	Male
Old	10.7%	12.8%
Young	37.5%	29.6%

$$14.5\% - 10.7\% = \underline{\underline{3.8\%}}$$

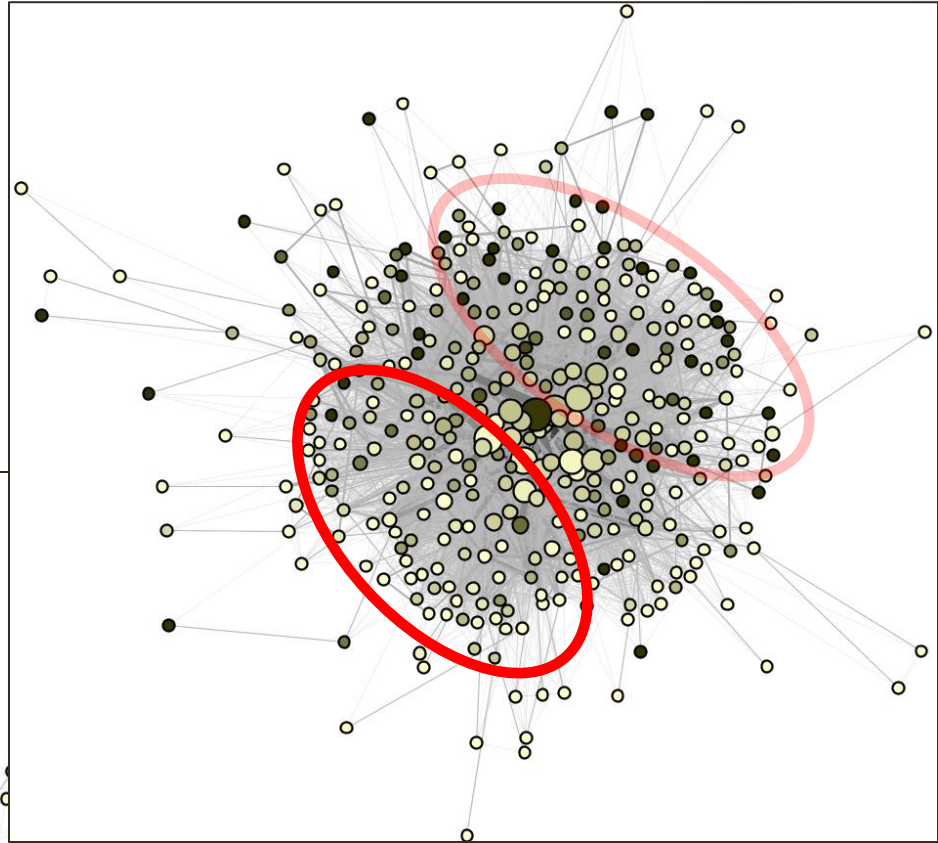
# Network Analysis



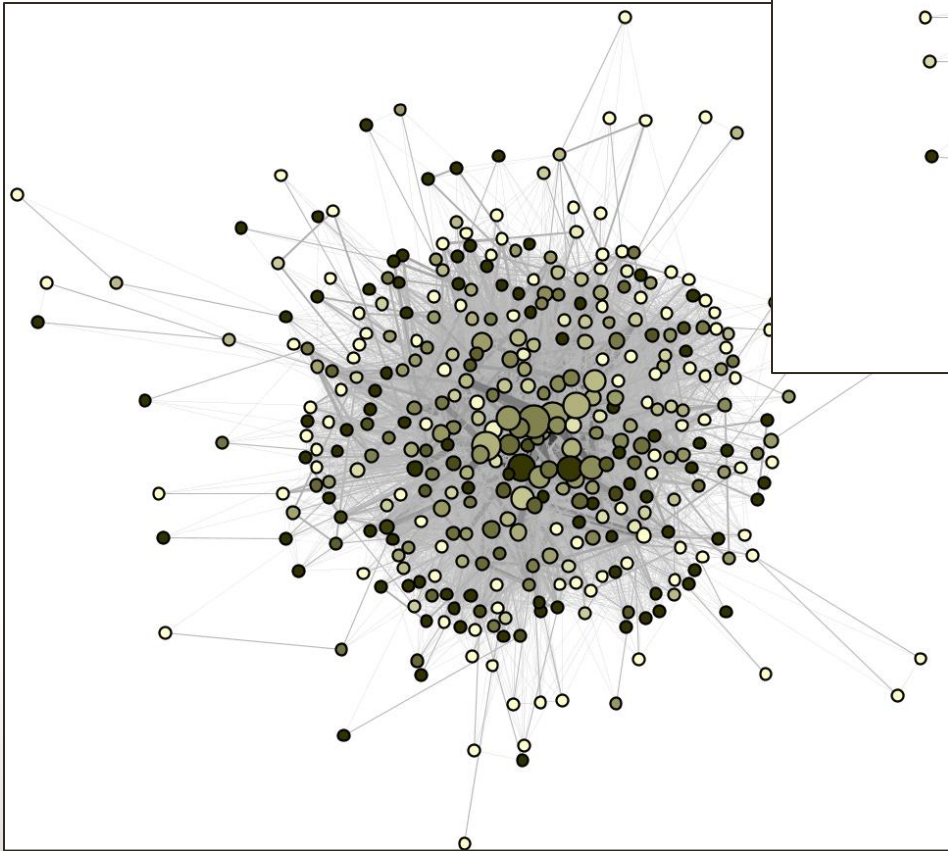
# Word Co-Occurrence



Age



Gender





# Aesthetic Words Evaluating Physical Appearance

Word	High Percent	Old Percent	Female Percent
Beautiful	61.24%	8.18%	98.35%
Beauty	27.79%	3.53%	97.83%
Handsome	68.10%	2.50%	5.79%
Ugly	31.25%	24.19%	79.37%
Fair	61.67%	1.67%	86.89%
Lovely	61.22%	4.08%	93.88%
Pretty	48.78%	2.44%	90.00%
Ugliness	80.00%	7.14%	73.33%
Fairest	80.00%	40.00%	100.00%
Prettiest	28.57%	0.00%	100.00%
Appearance	87.50%	12.50%	87.50%
Hideous	57.14%	28.57%	66.67%
Uglier	57.14%	0.00%	85.71%
Homely	0.00%	0.00%	100.00%
Handsomest	83.33%	0.00%	0.00%
Loveliest	100.00%	0.00%	100.00%
Good-looking	50.00%	25.00%	25.00%
Prettier	0.00%	0.00%	100.00%