

# CCA and RCA Analysis

## Contents

<b>1</b>	<b>CCA</b>	<b>1</b>
1.1	Summary . . . . .	1
1.2	Modules . . . . .	2
1.2.1	Module 1 . . . . .	3
1.2.1.1	Module 1 - Kamada Kawai Layout - Color - Drop Neg Ties for Layout . . .	4
1.2.1.2	Module 1 - Kamada Kawai Layout - Color . . . . .	11
1.2.1.3	Module 1 - Fruchtername Reingold Layout - Color - Drop Neg Ties for Layout	18
1.2.1.4	Module 1 - Fruchtername Reingold Layout - Color . . . . .	25
1.2.2	Module 2 . . . . .	25
1.2.2.1	Module 2 - Kamada Kawai Layout - Color - Drop Neg Ties for Layout . . .	32
1.2.2.2	Module 2 - Kamada Kawai Layout - Color . . . . .	39
1.2.2.3	Module 2 - Fruchtername Reingold Layout - Color - Drop Neg Ties for Layout	46
1.2.2.4	Module 2 - Fruchtername Reingold Layout - Color . . . . .	53
1.2.3	Module 3 . . . . .	53
1.2.3.1	Module 3 - Kamada Kawai Layout - Color - Drop Neg Ties for Layout . . .	60
1.2.3.2	Module 3 - Kamada Kawai Layout - Color . . . . .	67
1.2.3.3	Module 3 - Fruchtername Reingold Layout - Color - Drop Neg Ties for Layout	74
1.2.3.4	Module 3 - Fruchtername Reingold Layout - Color . . . . .	81
<b>2</b>	<b>RCA</b>	<b>81</b>
2.1	RCA $P = 0.05$ . . . . .	81
2.2	RCA $P = 0.075$ . . . . .	88
2.3	RCA $P = 0.1$ . . . . .	89
2.4	RCA $P = 0.25$ . . . . .	90
2.5	RCA $P = 0.5$ . . . . .	91

## 1 CCA

### 1.1 Summary

CCA found 3 schematic classes. Sizes: 5381 4970 1981

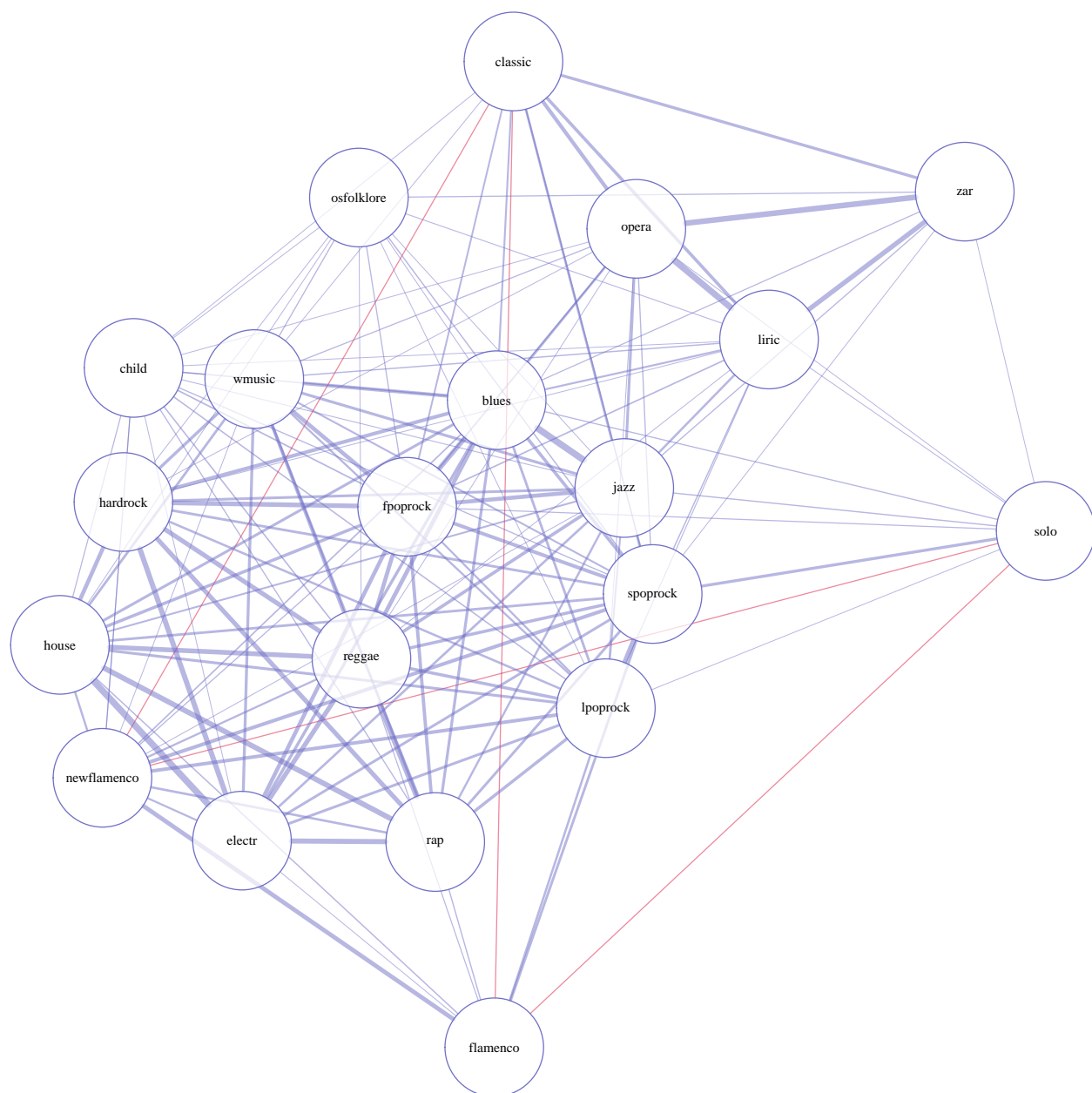
	Length	Class	Mode
membership	12332	-none-	numeric
modules	3	-none-	list
cormat	152078224	-none-	numeric

## 1.2 Modules

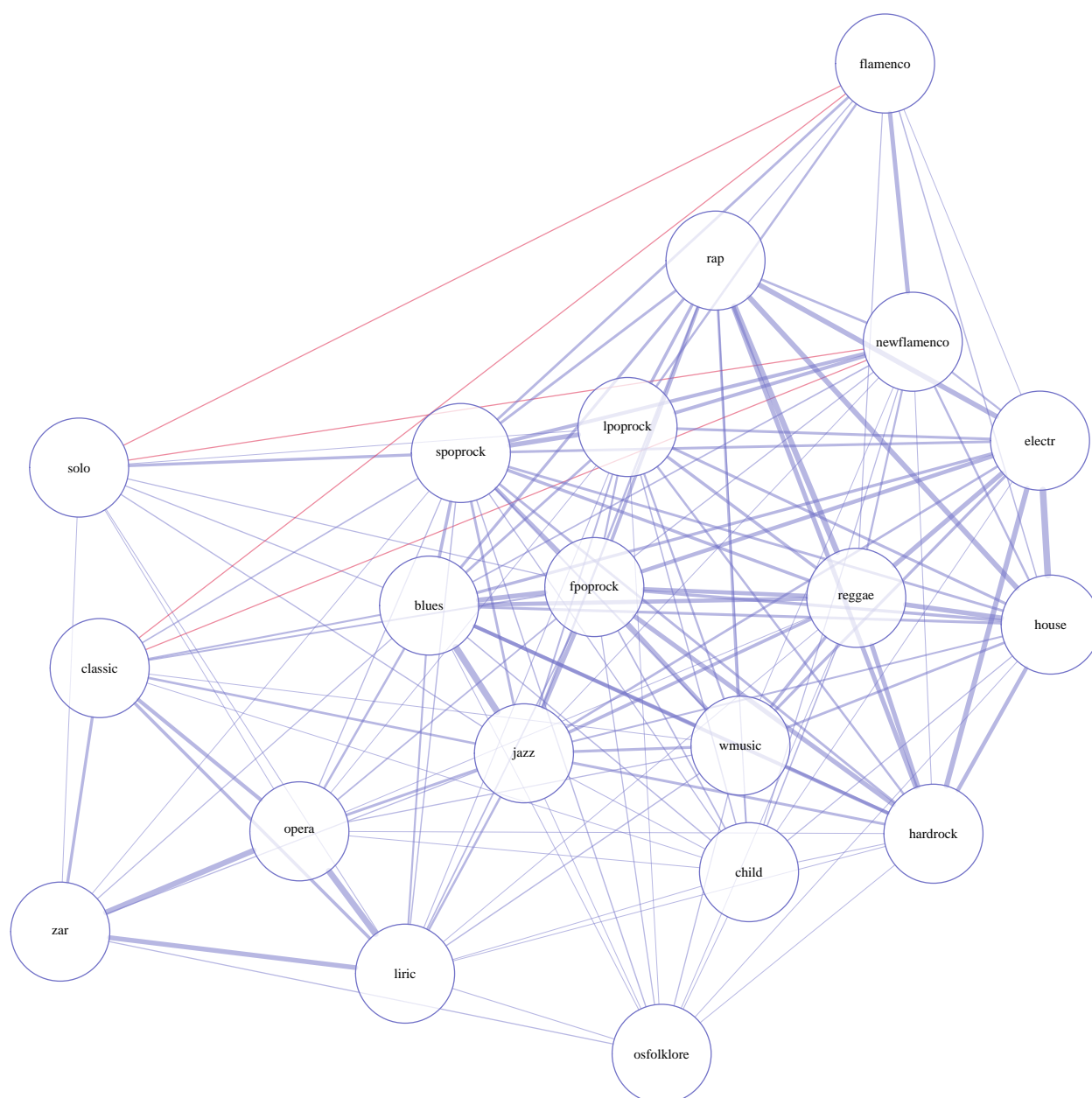
### 1.2.1 Module 1

#### **1.2.1.1 Module 1 - Kamada Kawai Layout - Color - Drop Neg Ties for Layout**

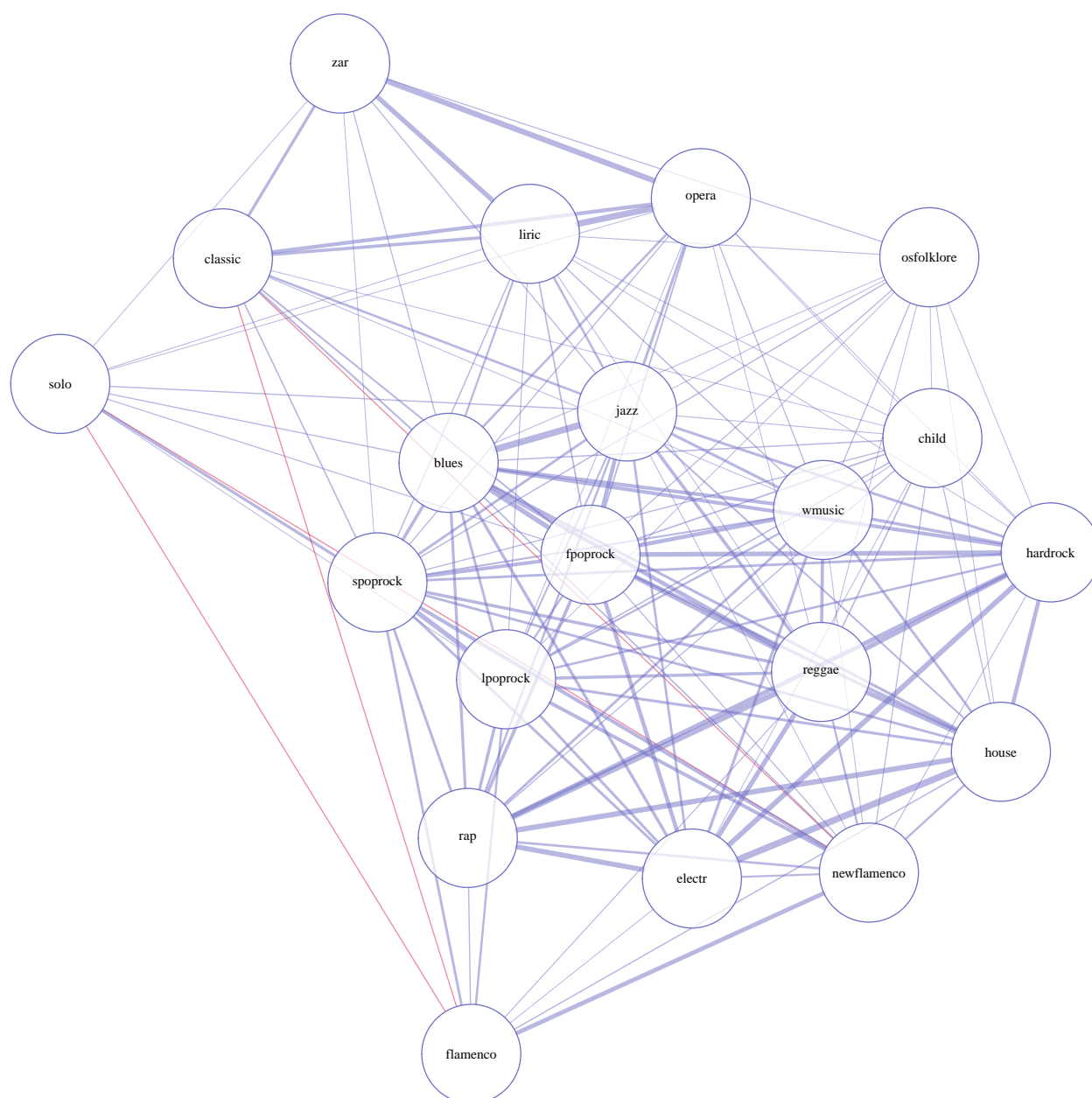
## Module #1



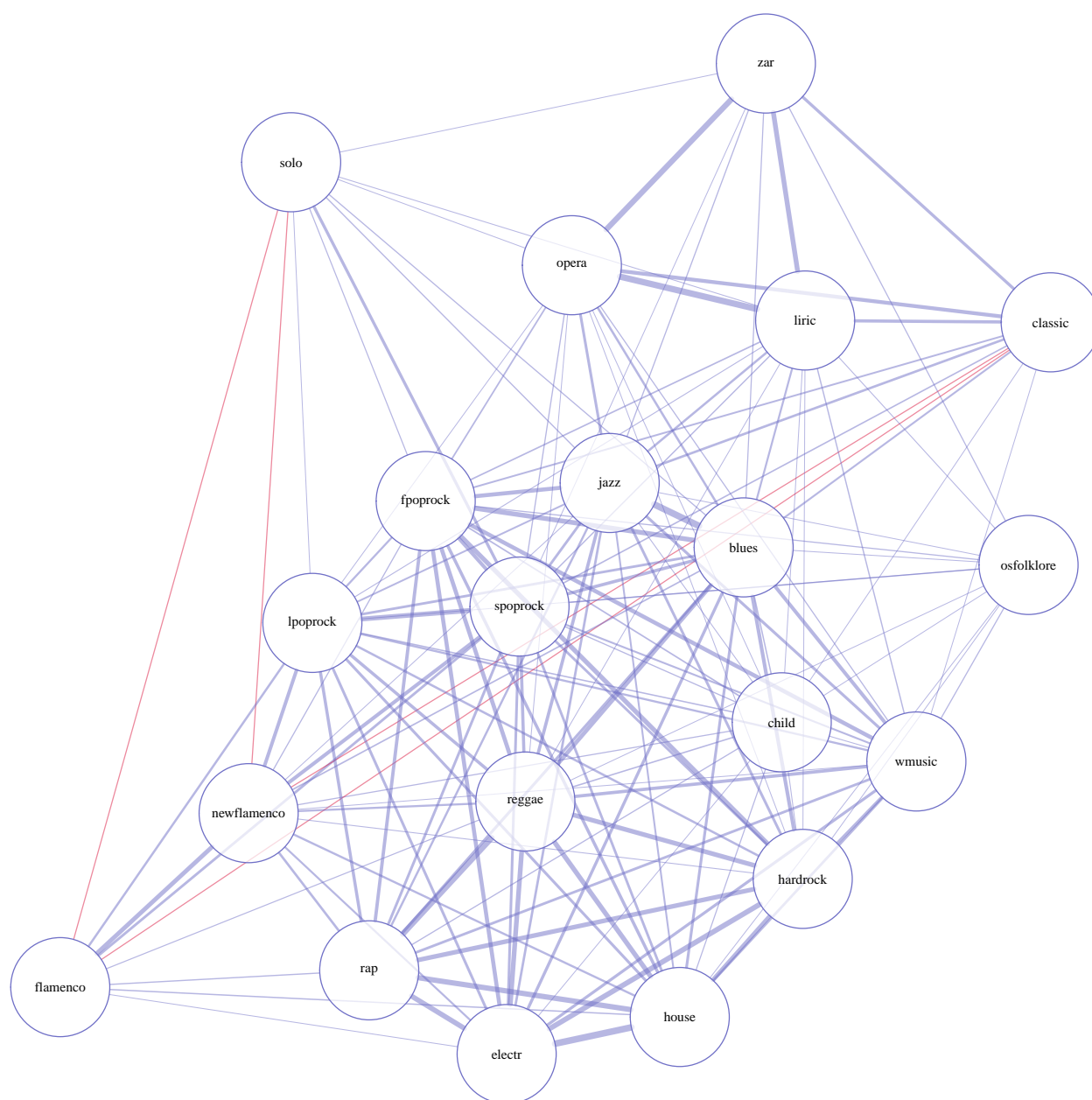
## Module #1



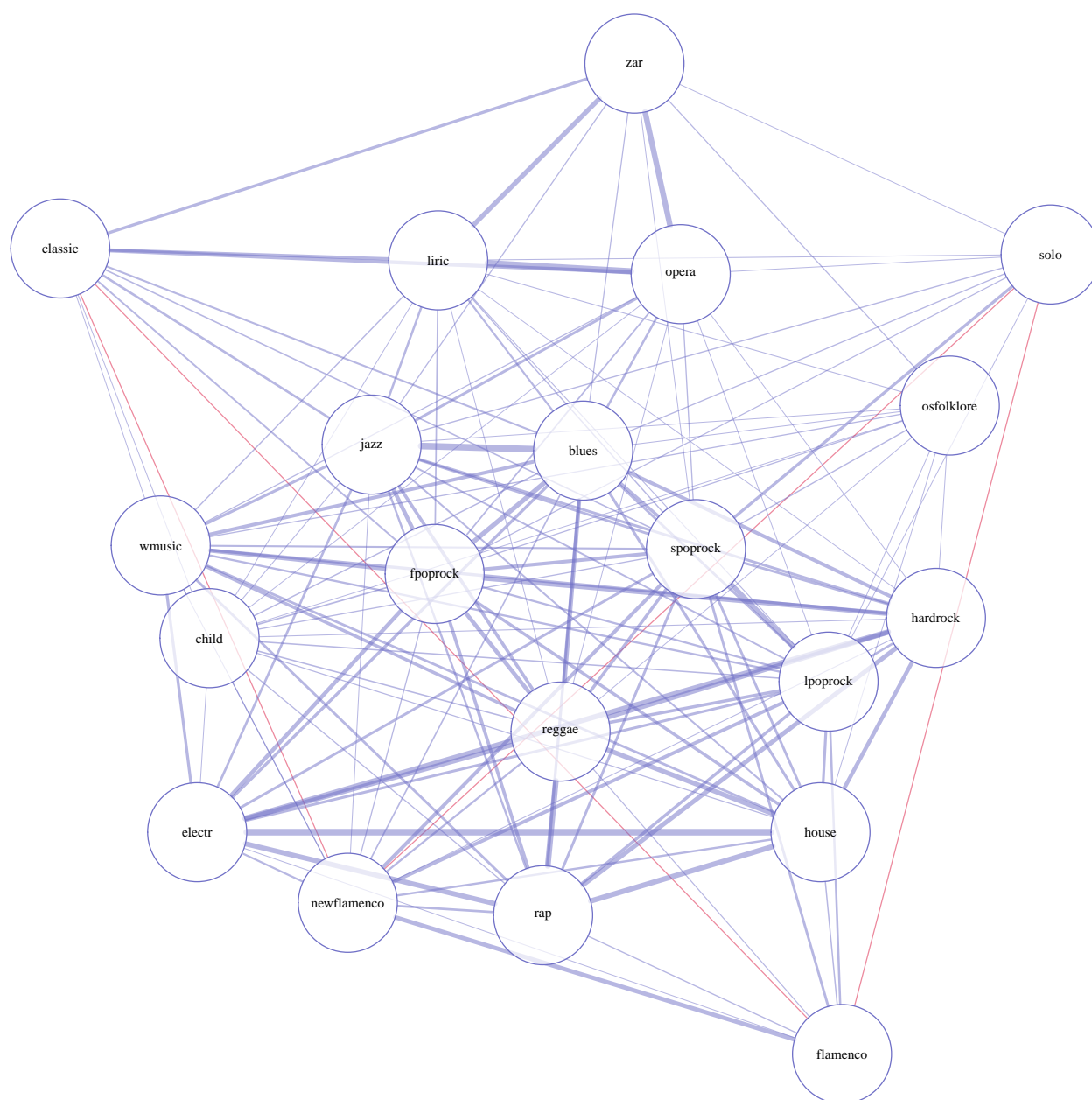
## Module #1



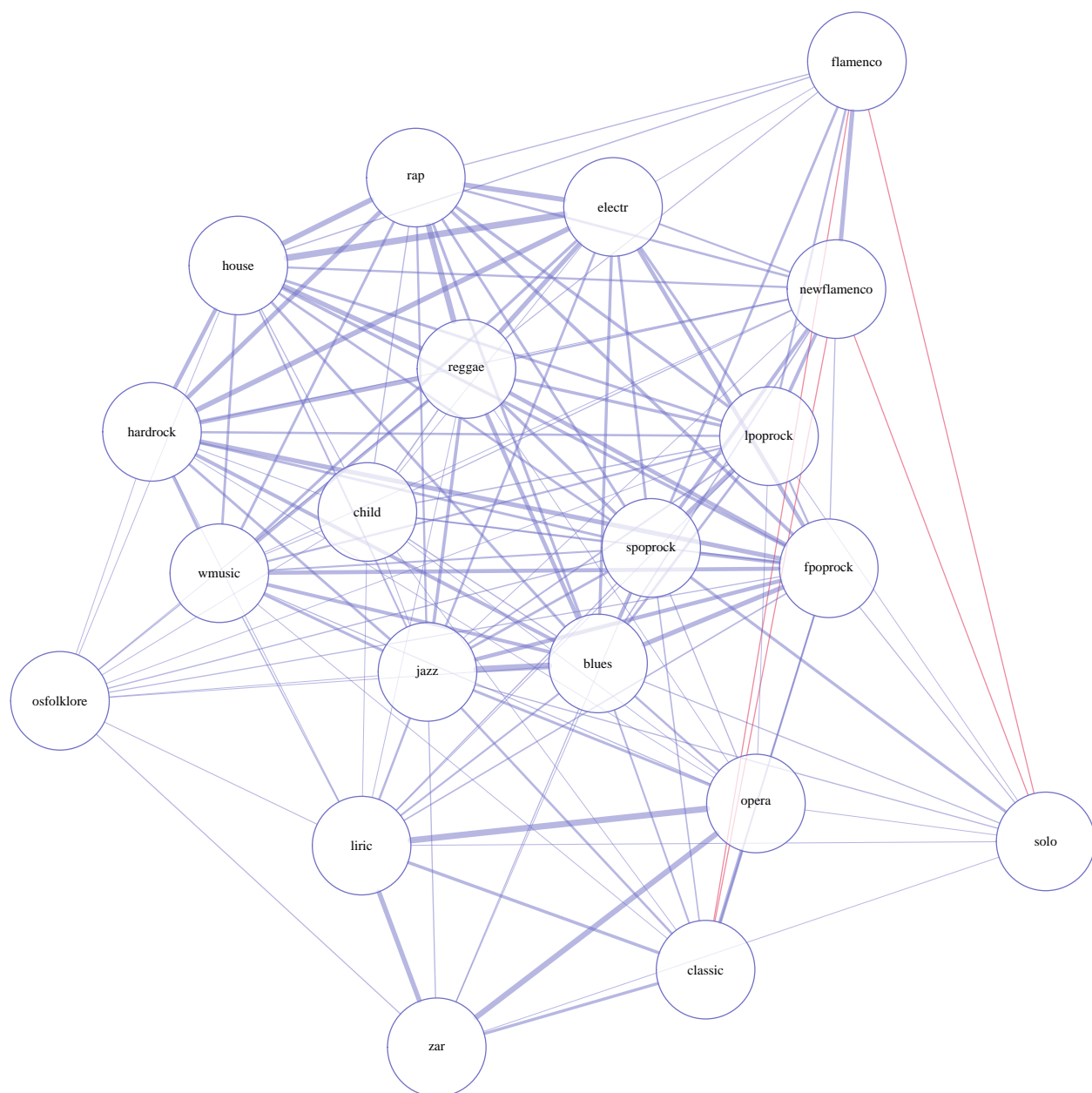
## Module #1



## Module #1



## Module #1

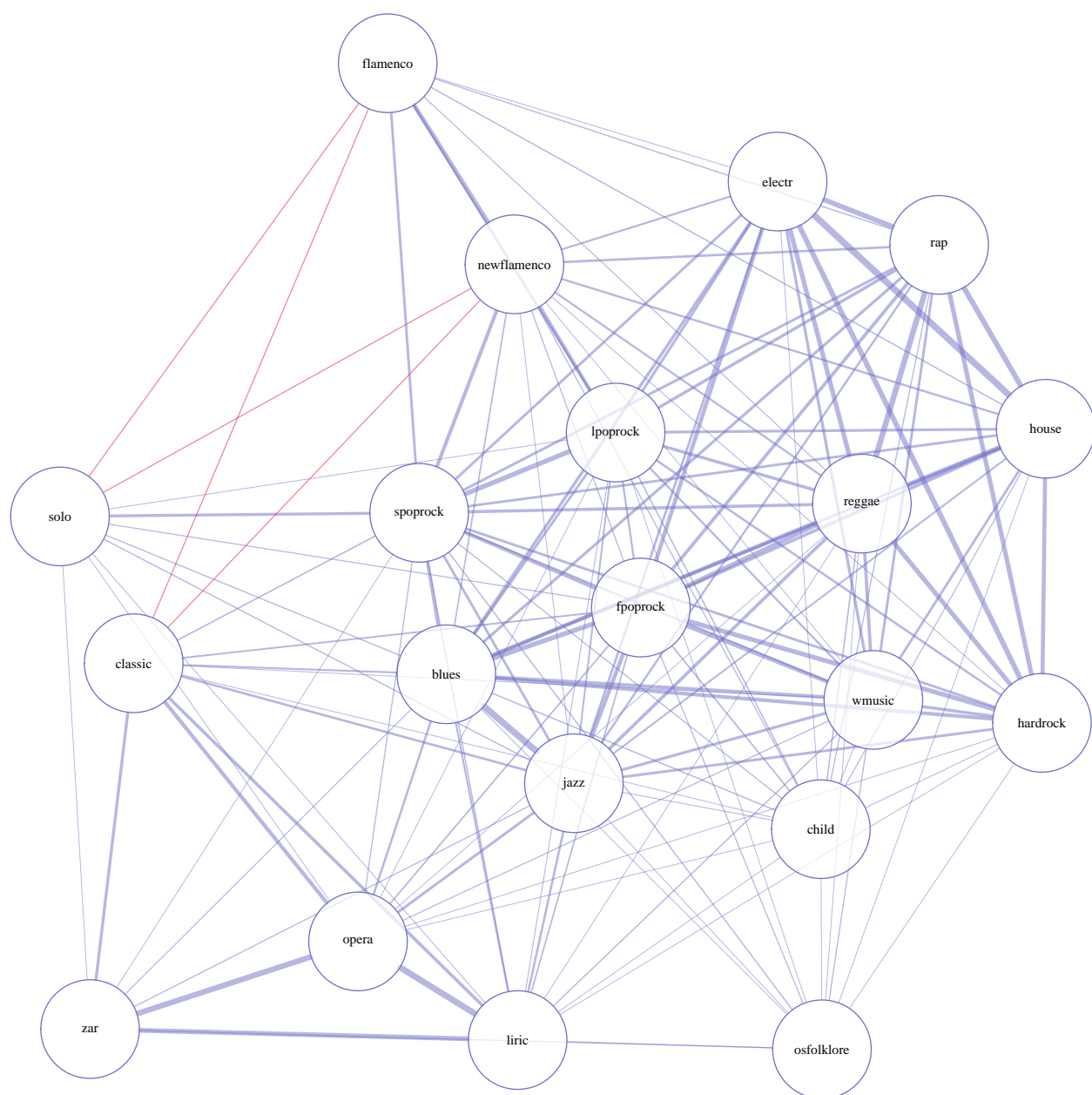


#### 1.2.1.2 Module 1 - Kamada Kawai Layout - Color

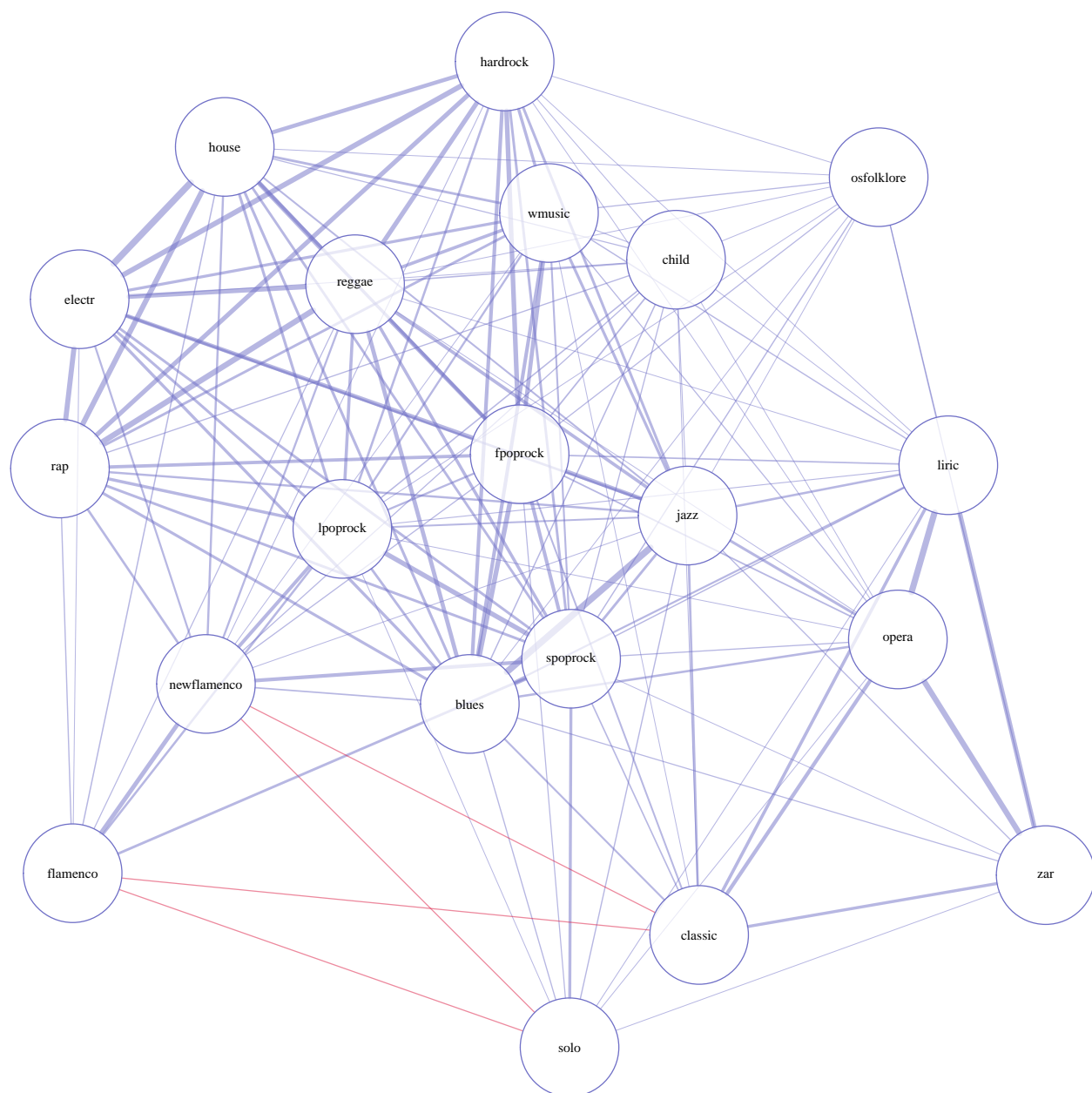
## Module #1



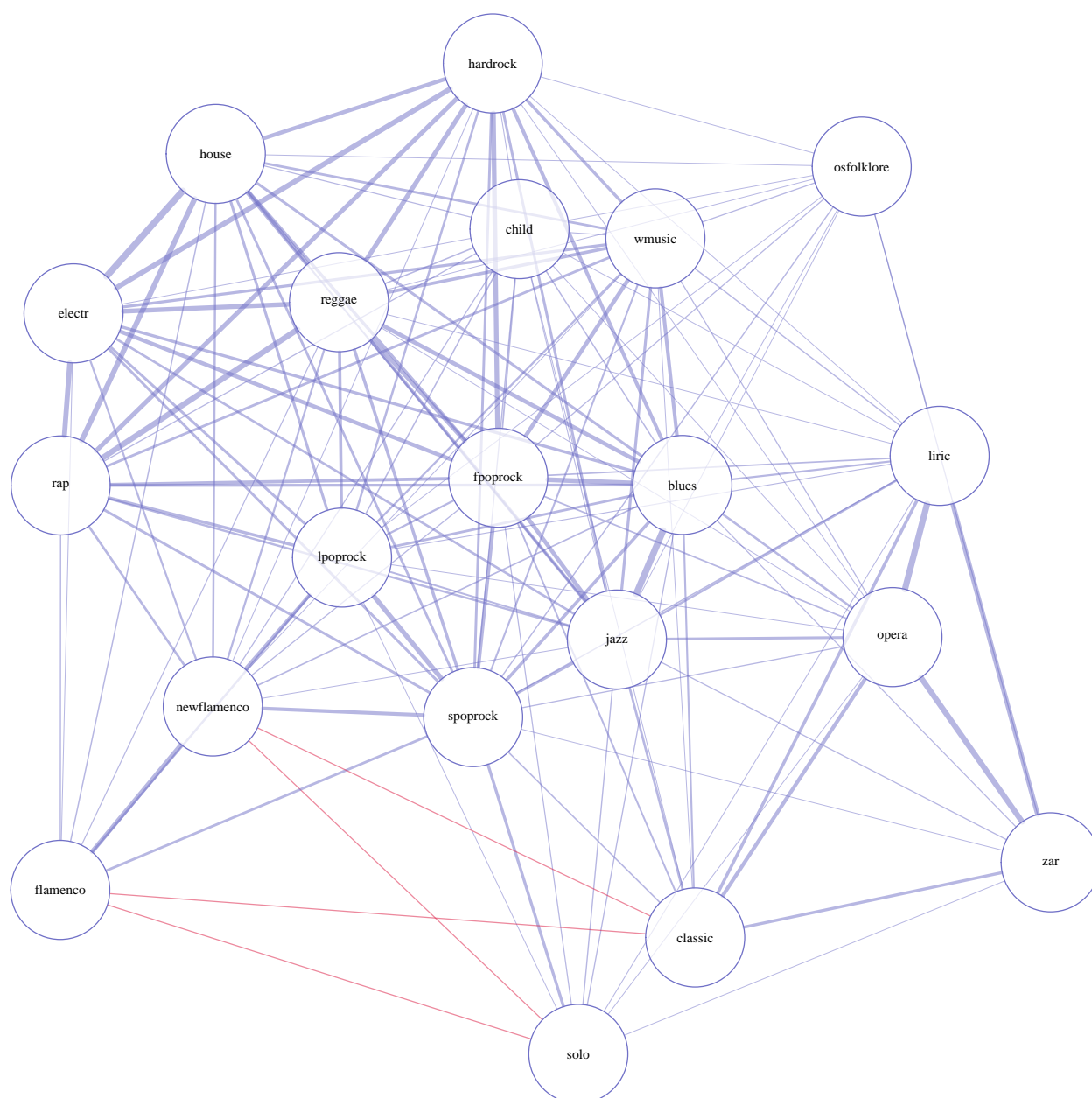
## Module #1



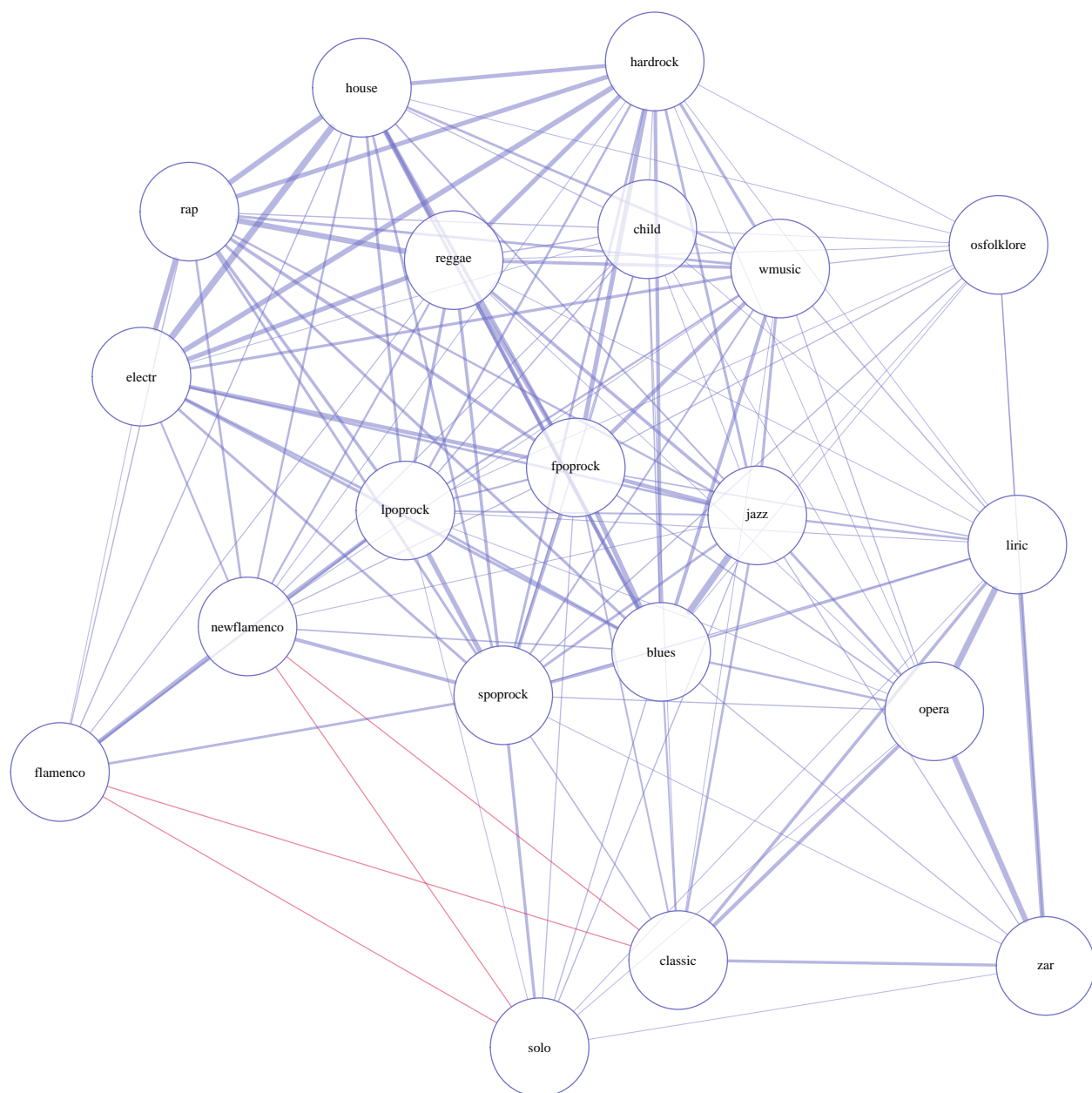
## Module #1



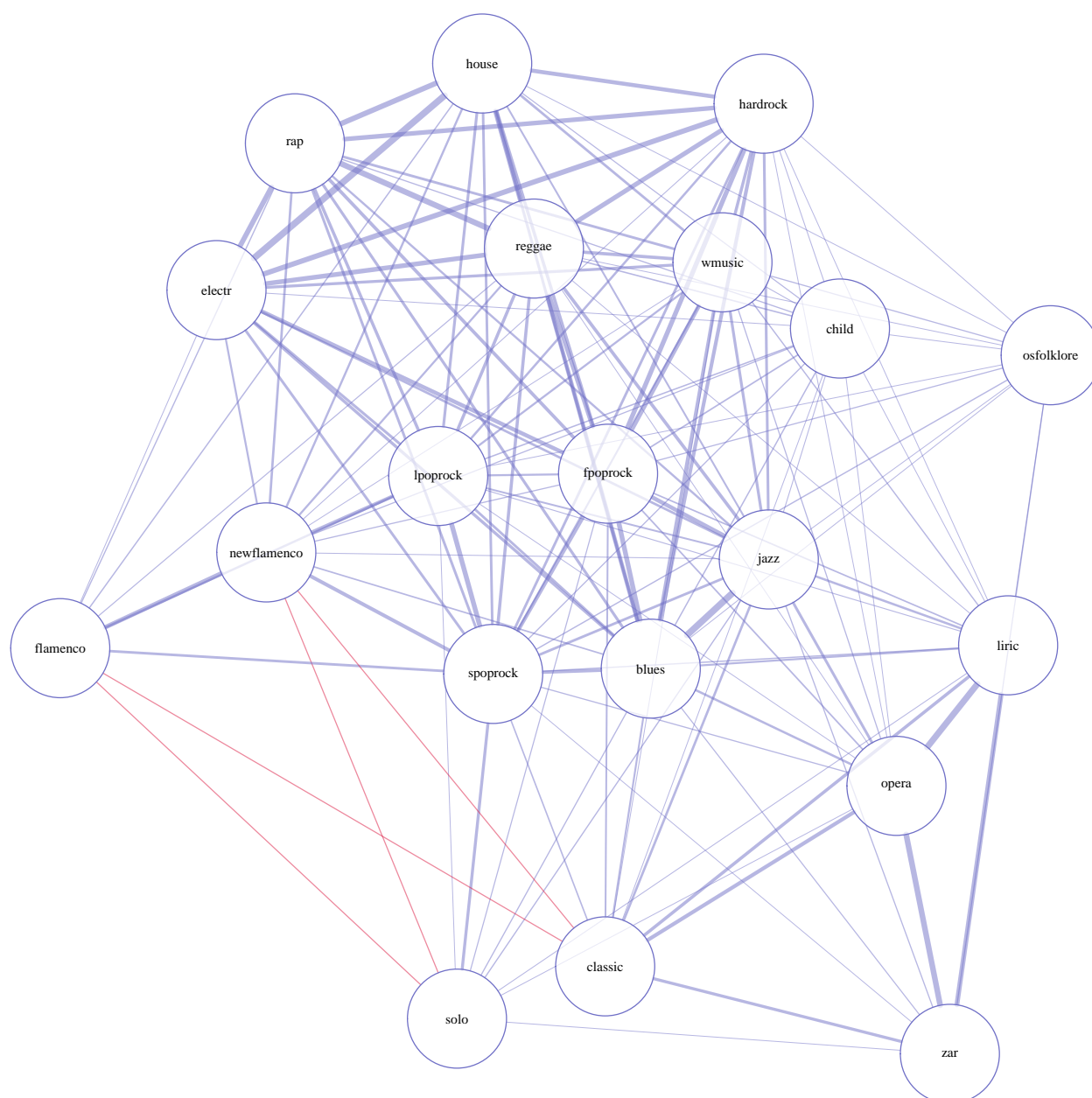
## Module #1



## Module #1

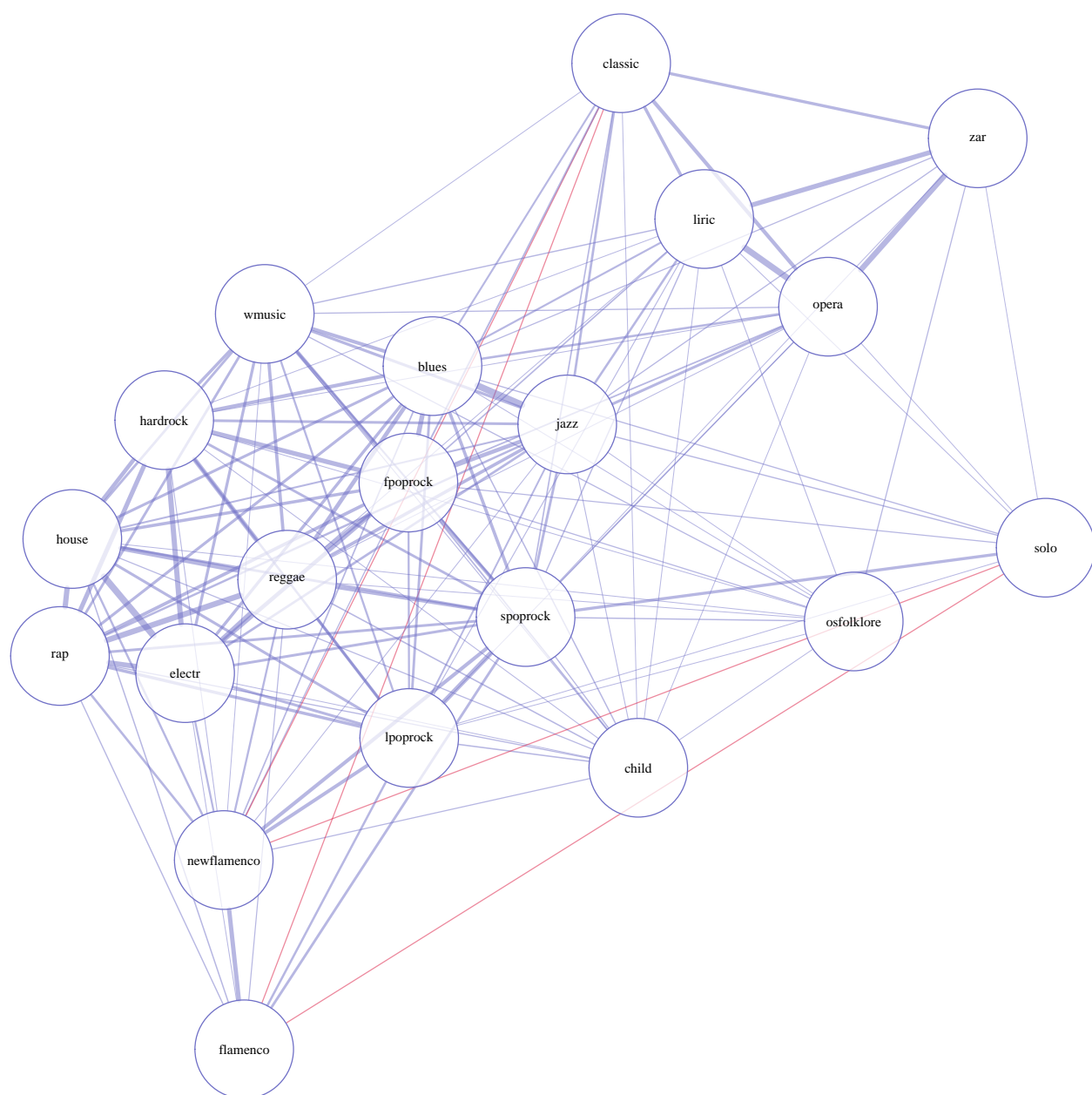


## Module #1

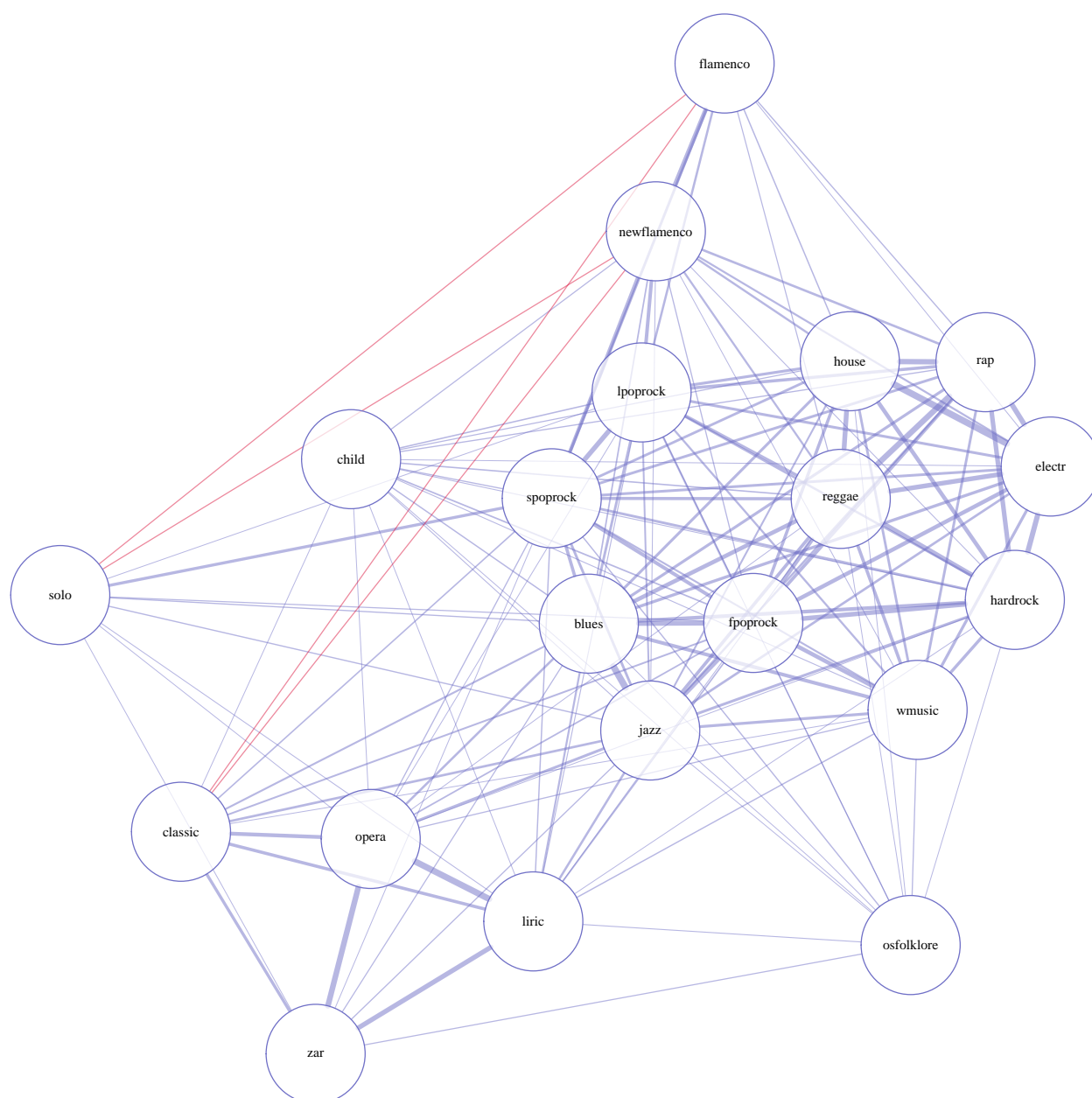


### 1.2.1.3 Module 1 - Fruchtername Reingold Layout - Color - Drop Neg Ties for Layout

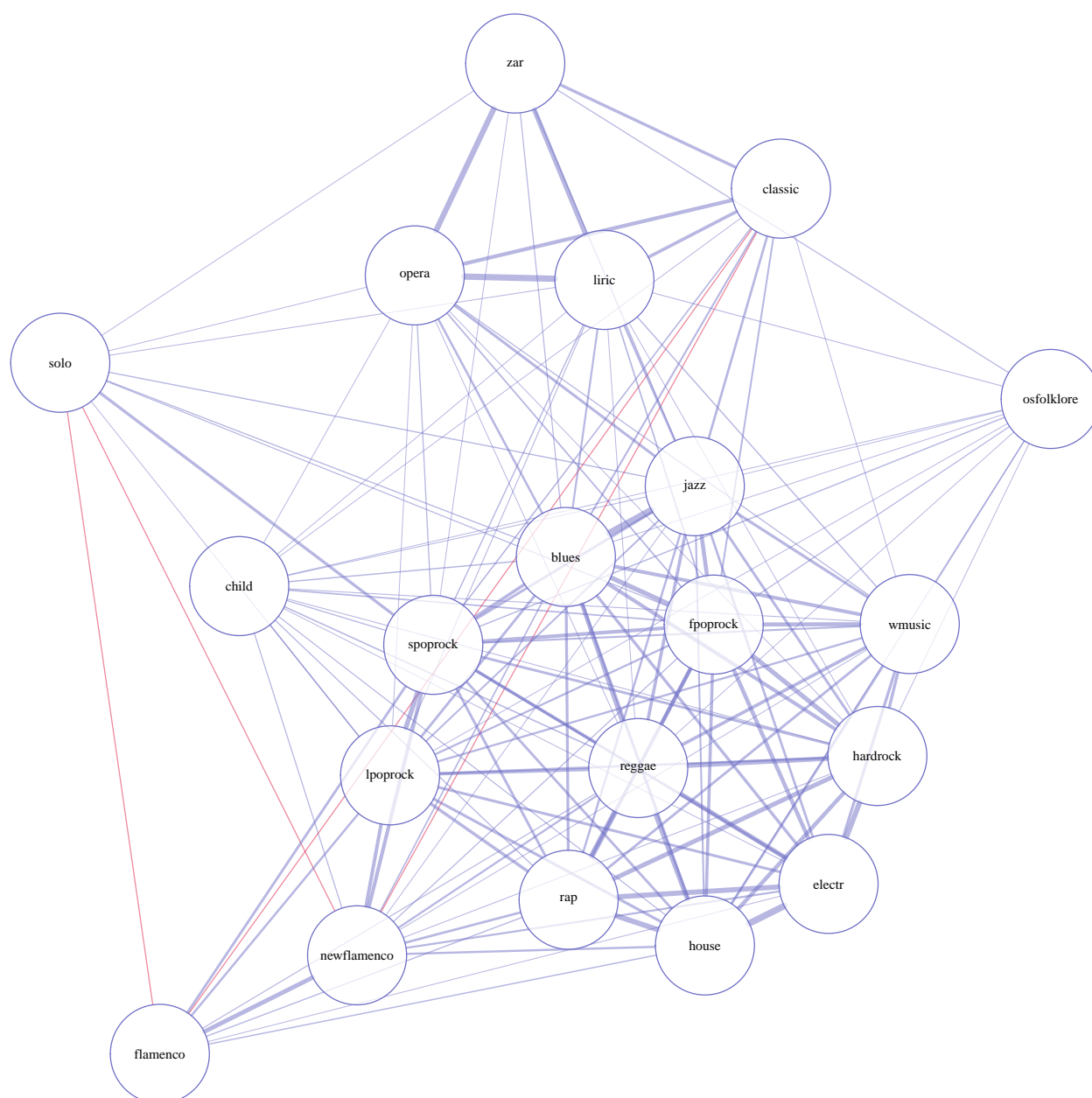
## Module #1



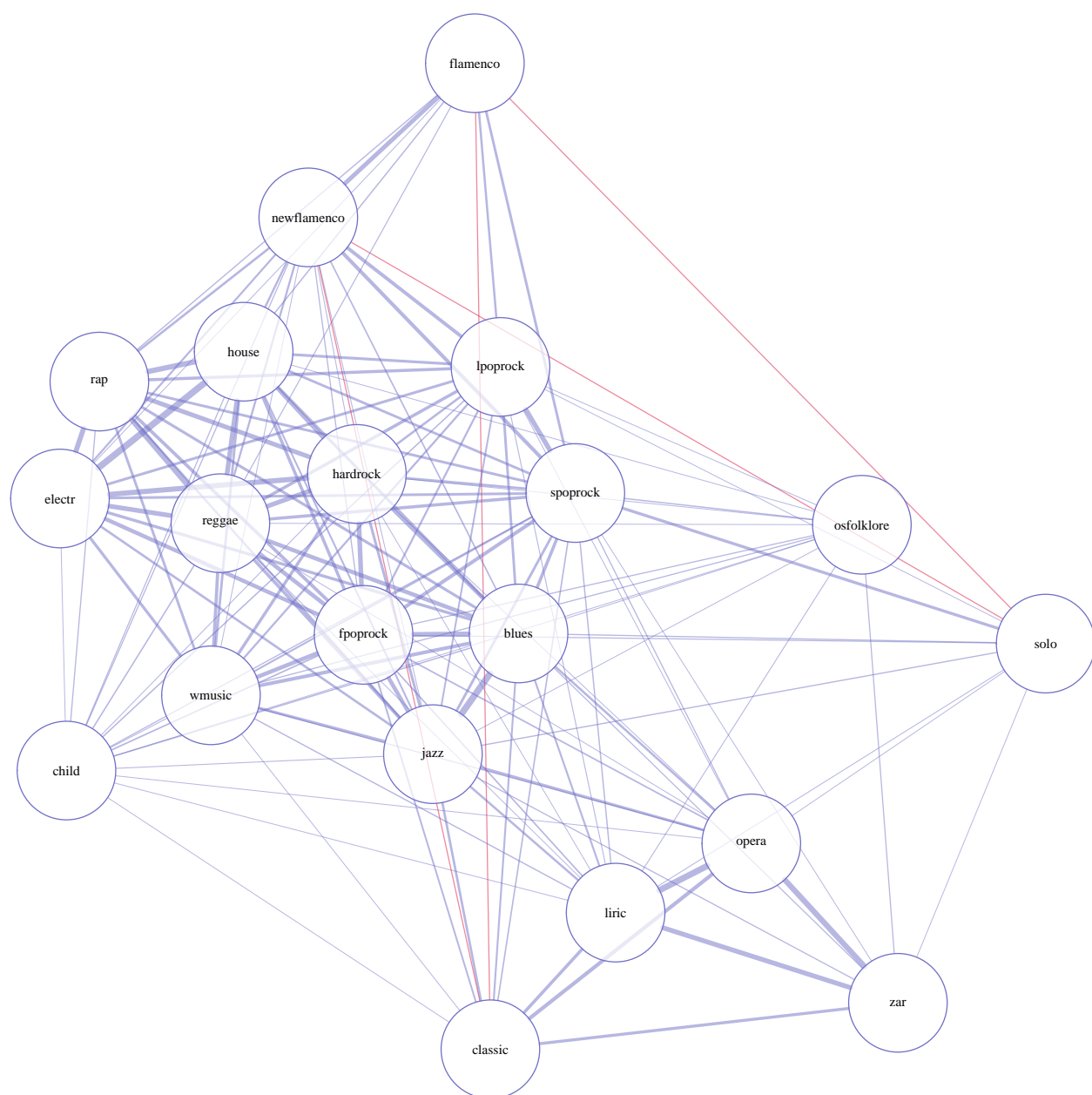
## Module #1



## Module #1



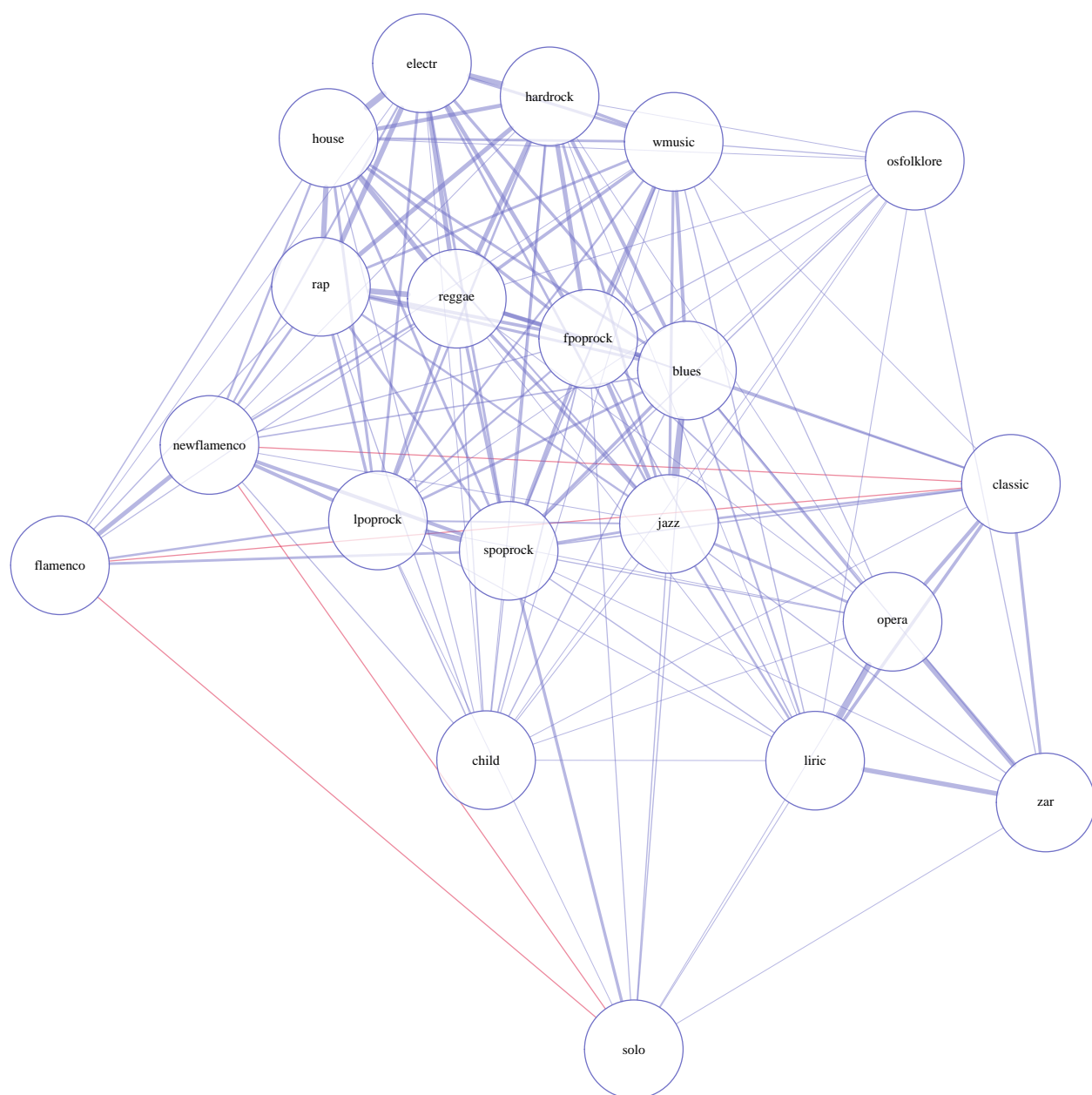
## Module #1



## Module #1



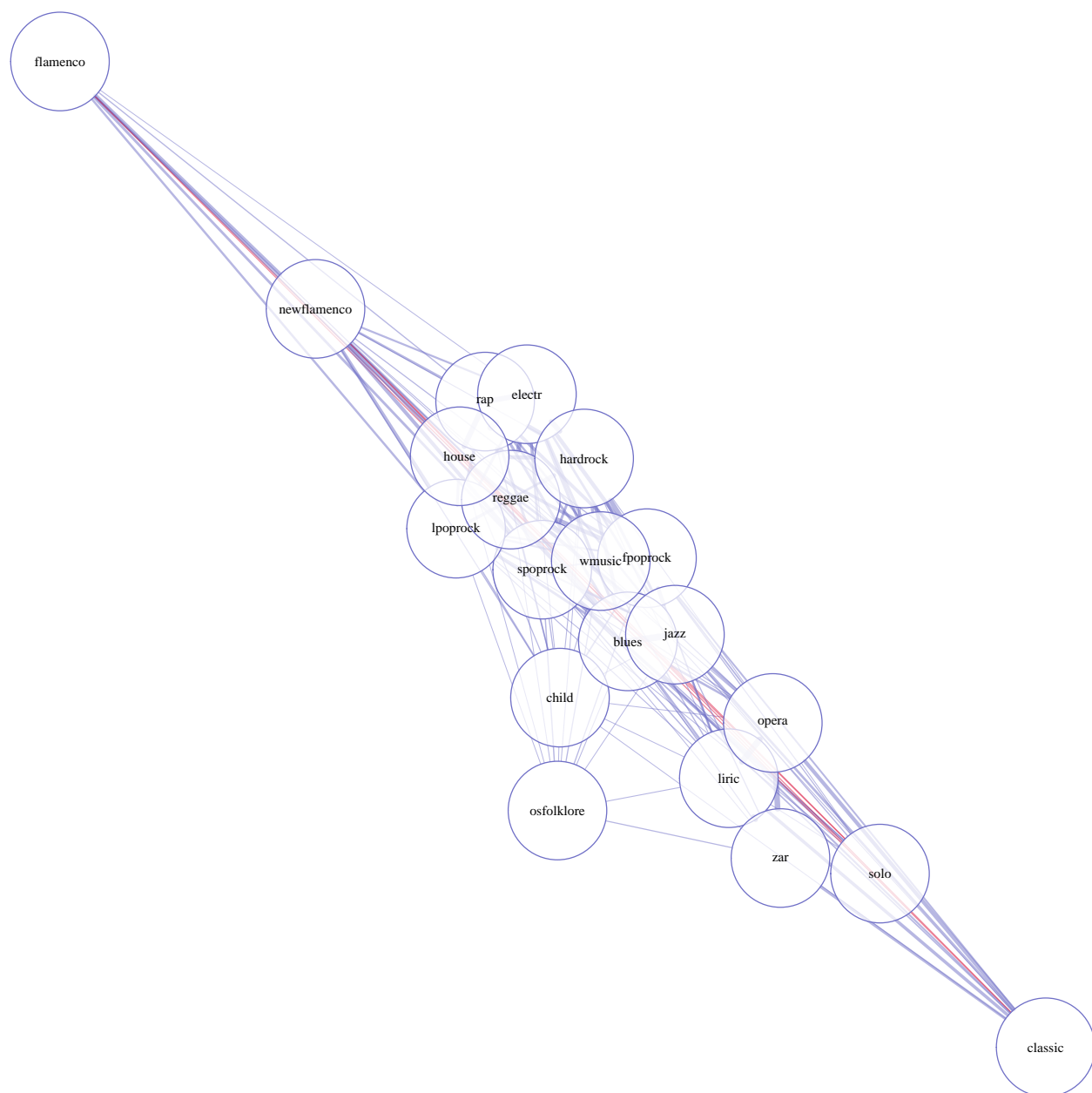
## Module #1



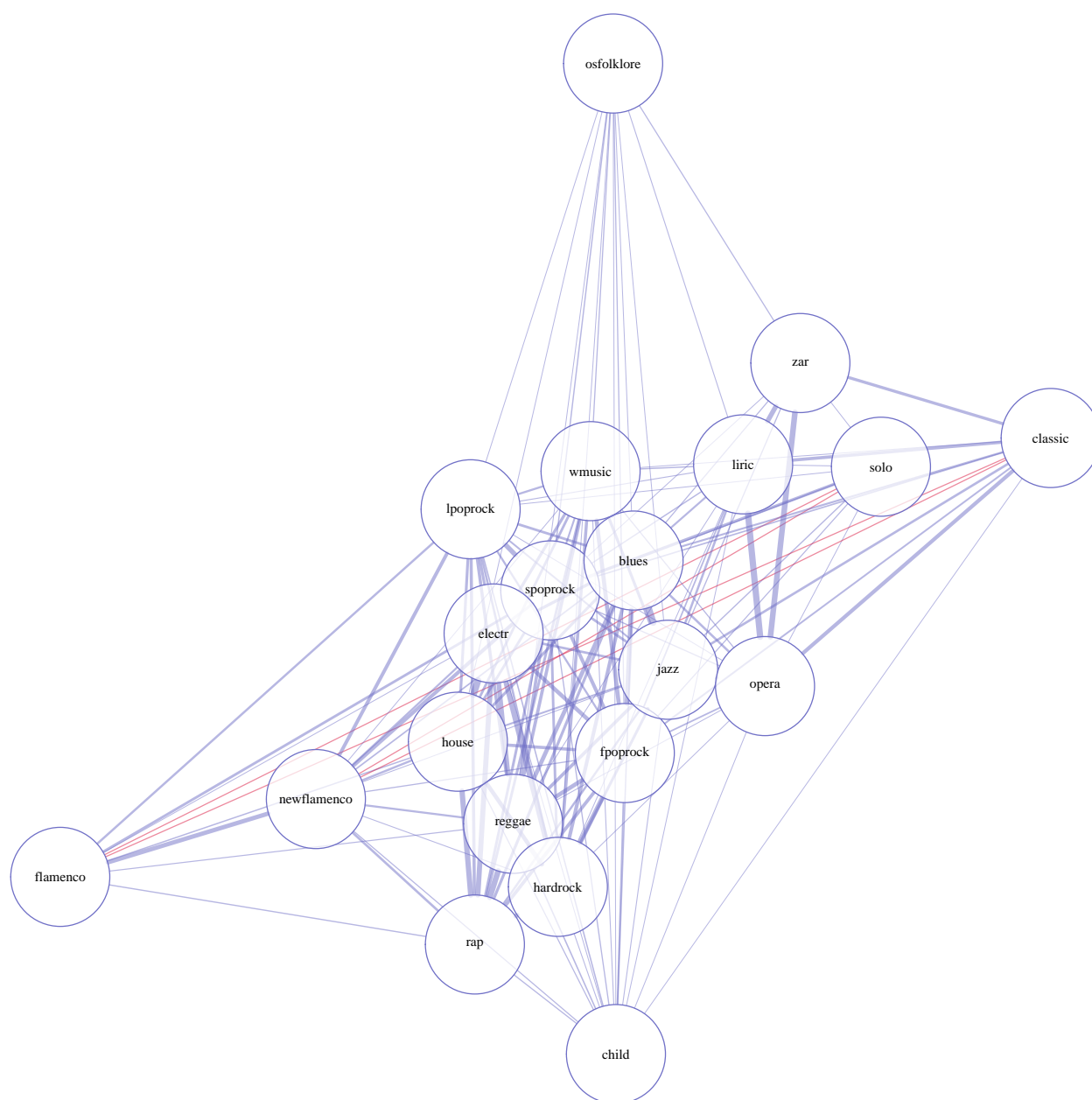
**1.2.1.4 Module 1 - Fruchtername Reingold Layout - Color**

**1.2.2 Module 2**

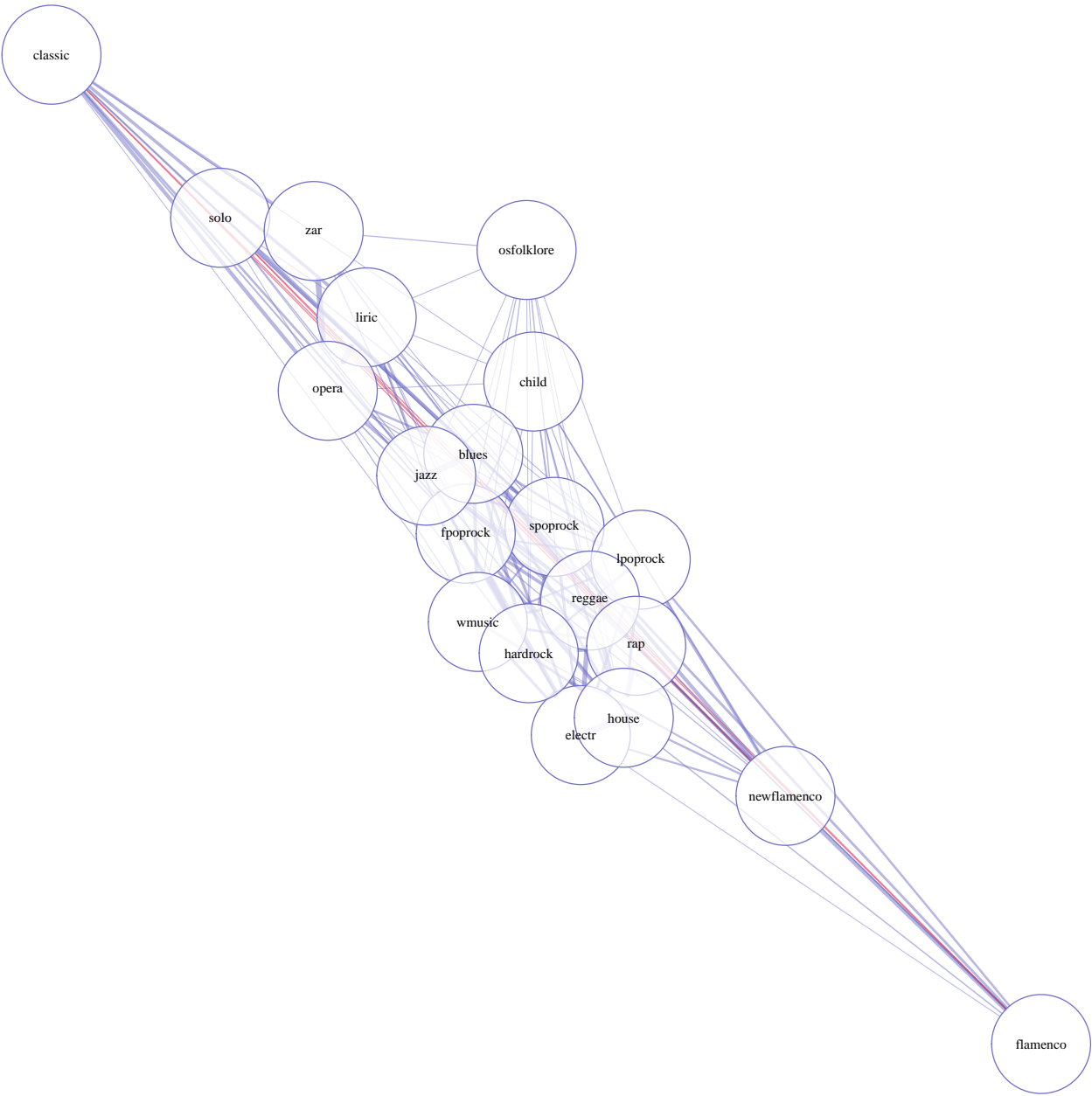
## Module #1



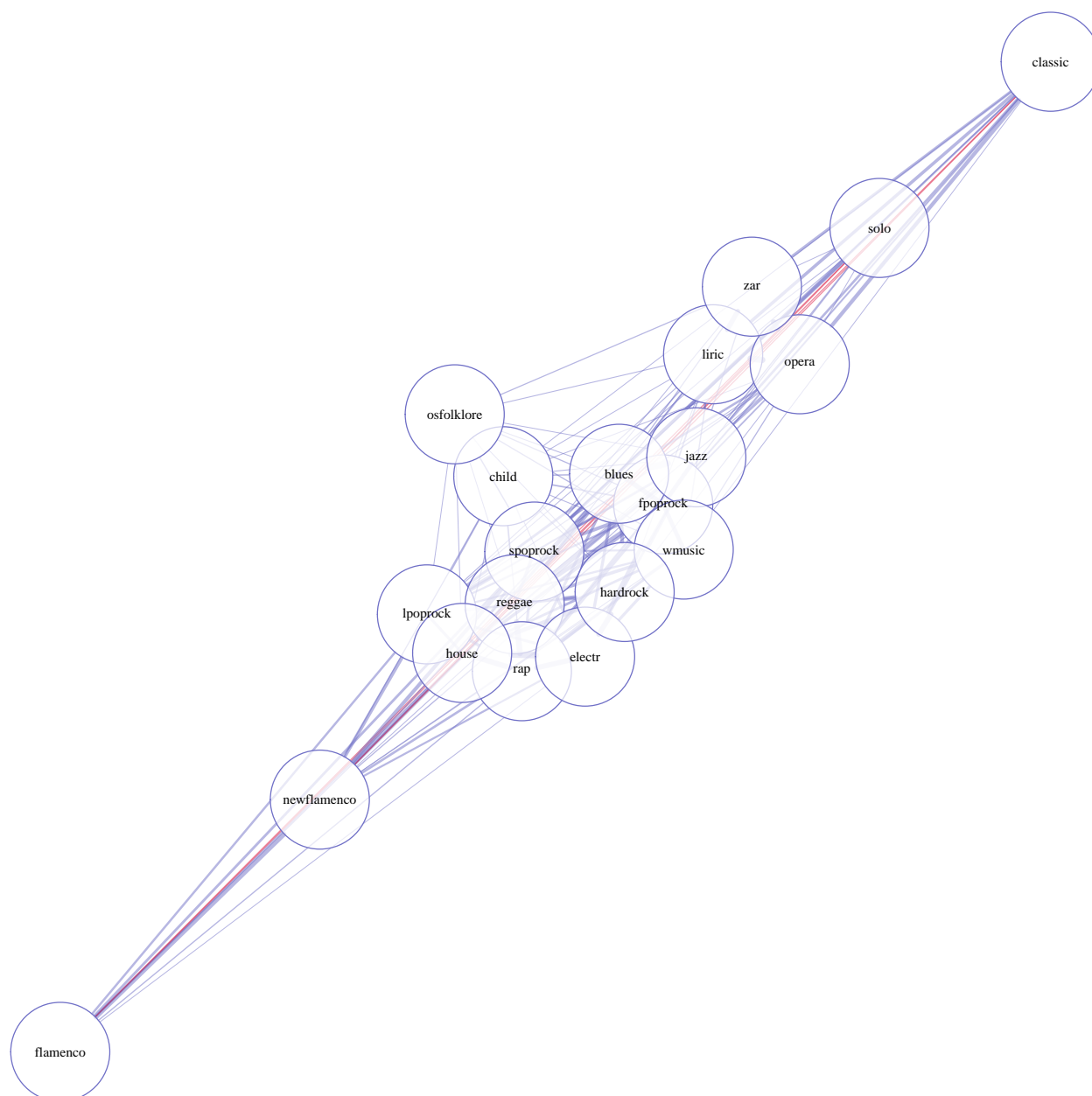
## Module #1



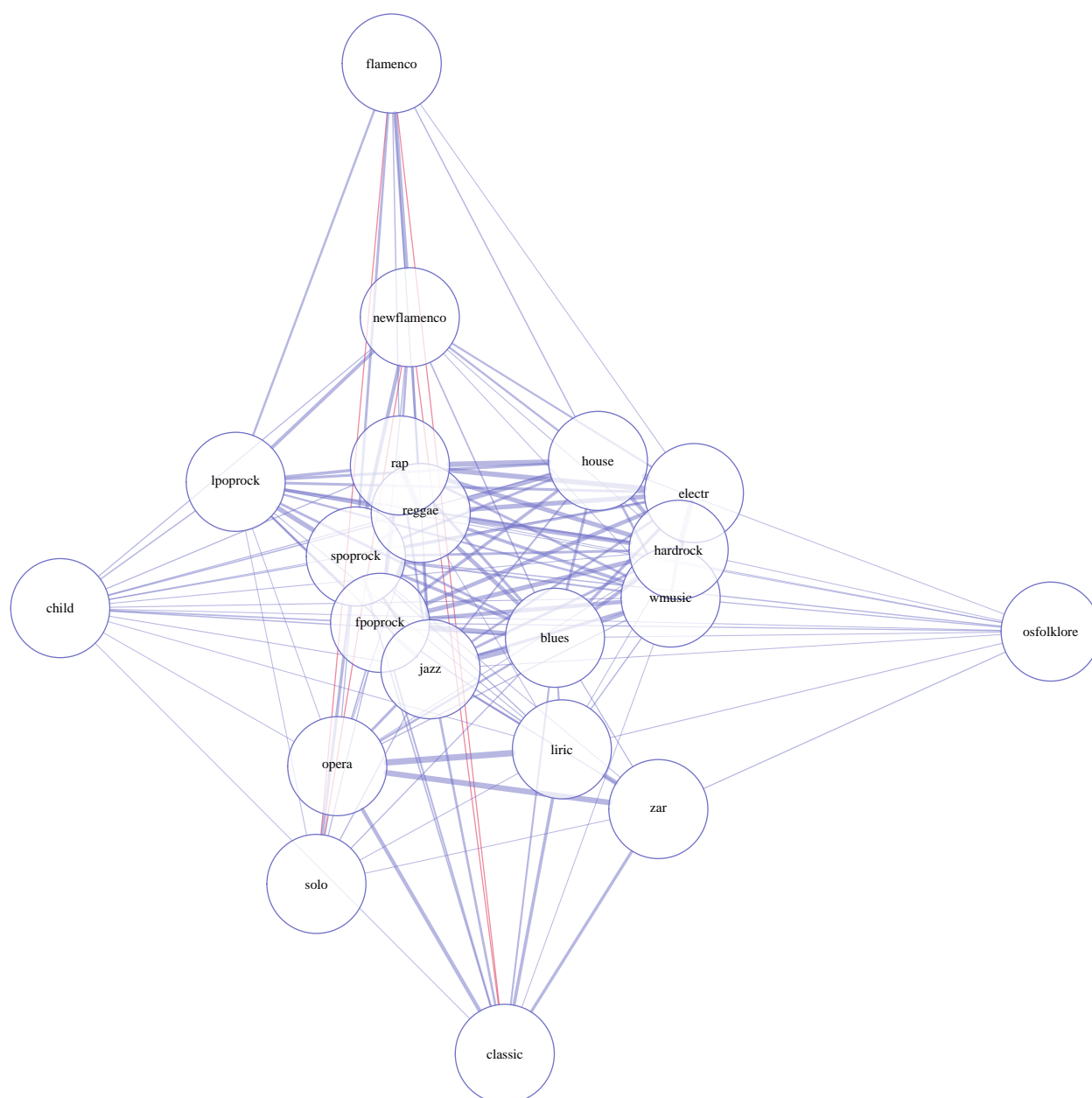
Module #1



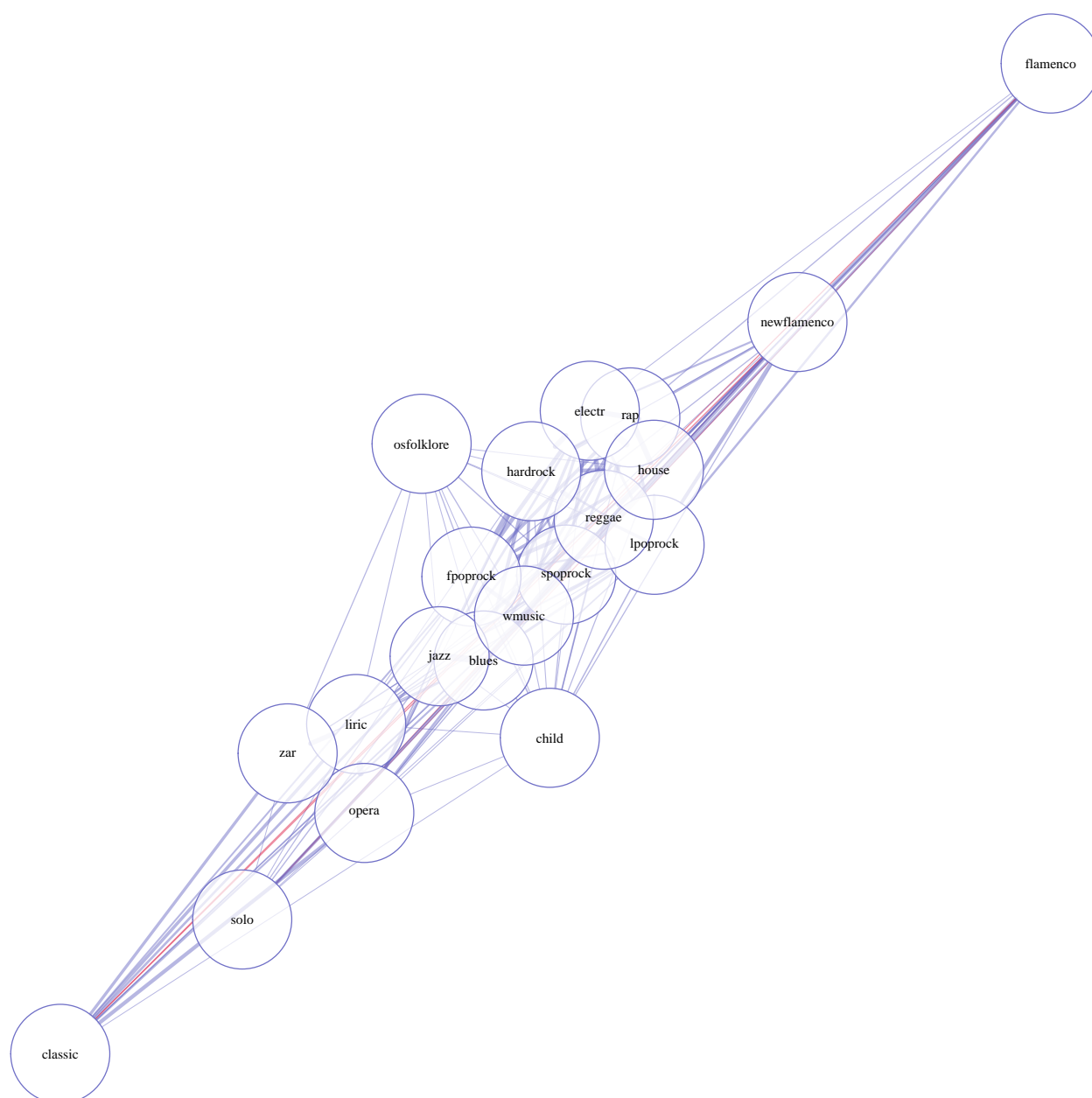
## Module #1



## Module #1

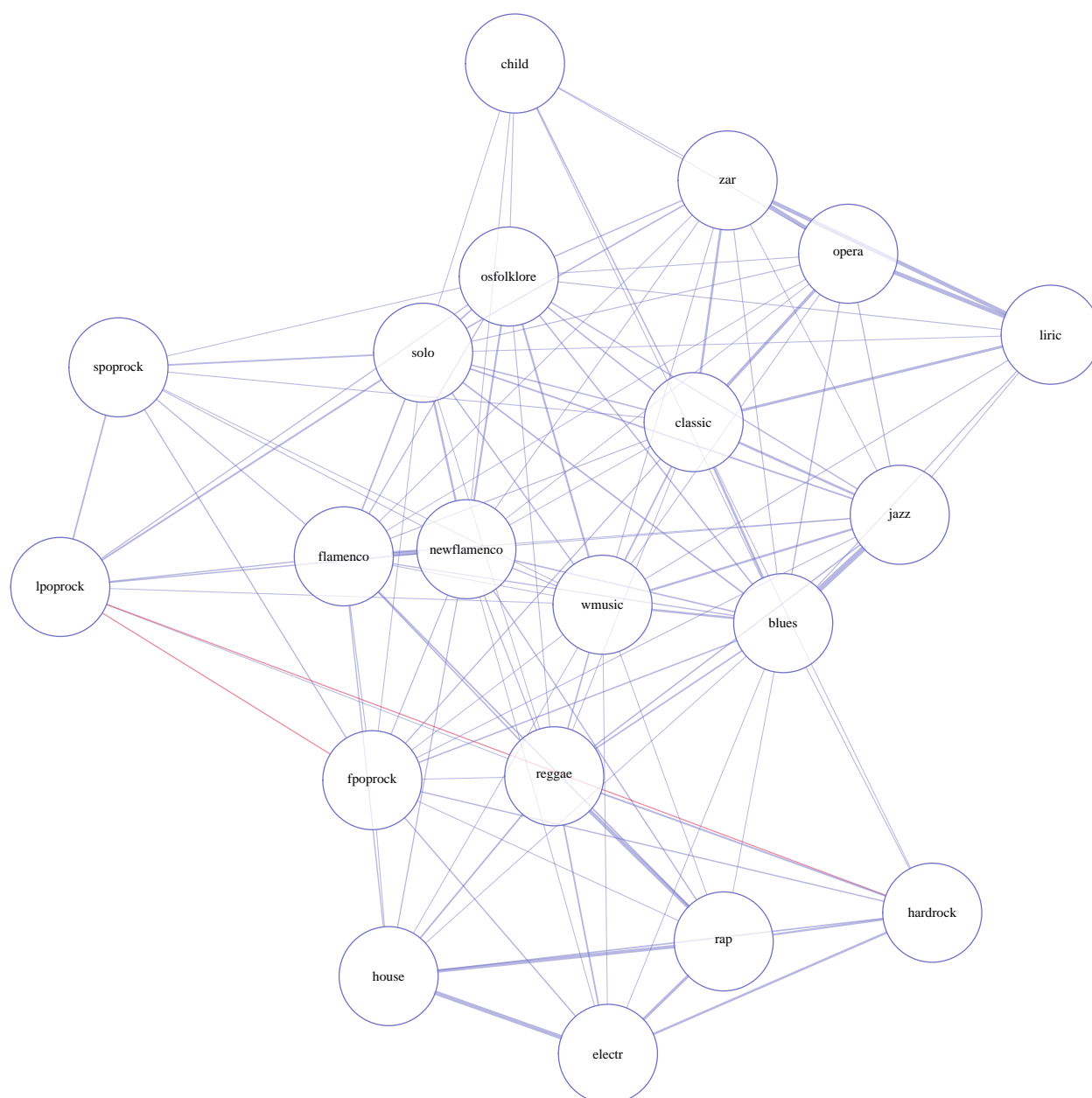


## Module #1



#### **1.2.2.1 Module 2 - Kamada Kawai Layout - Color - Drop Neg Ties for Layout**

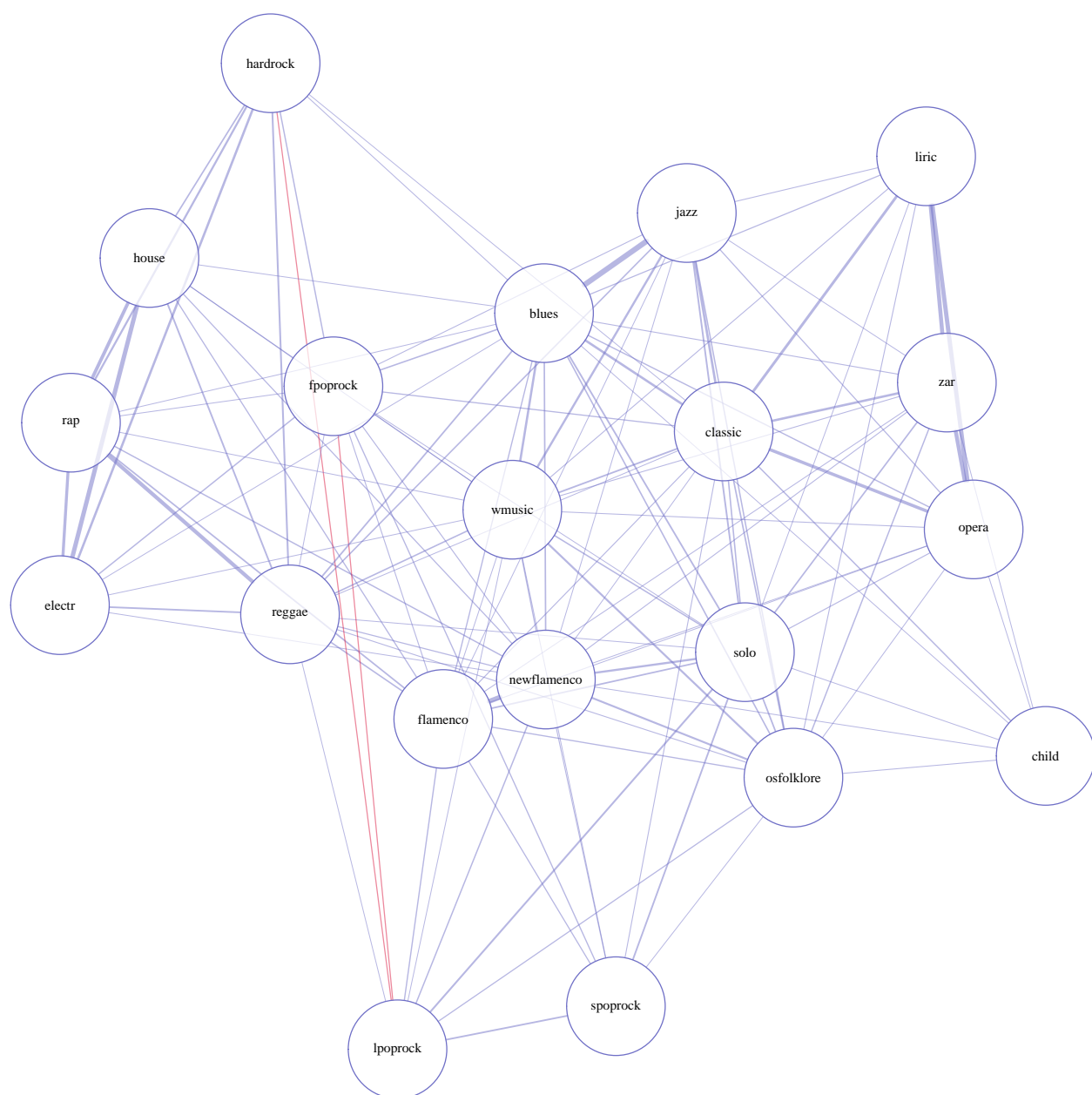
## Module #2



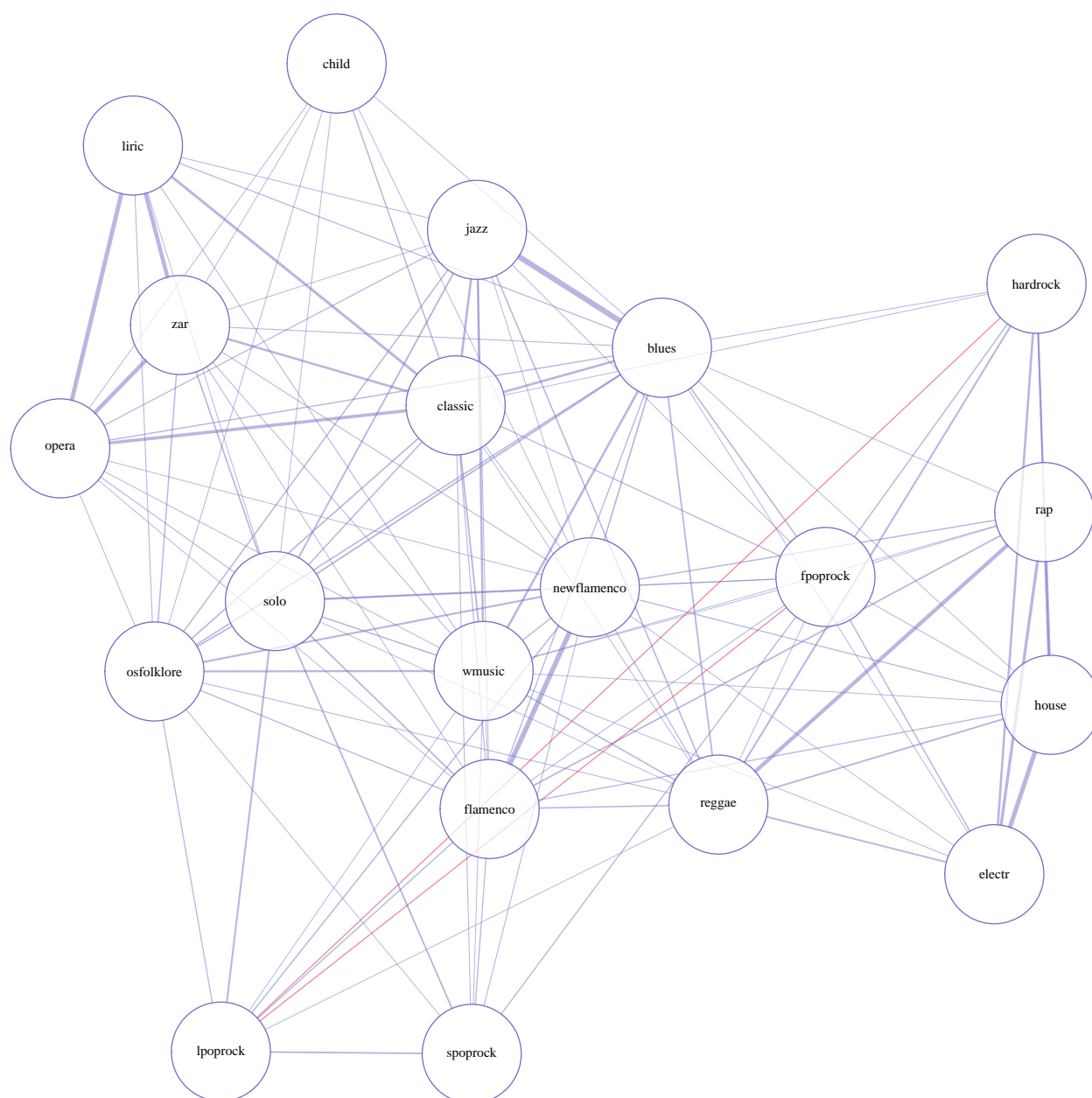
## Module #2



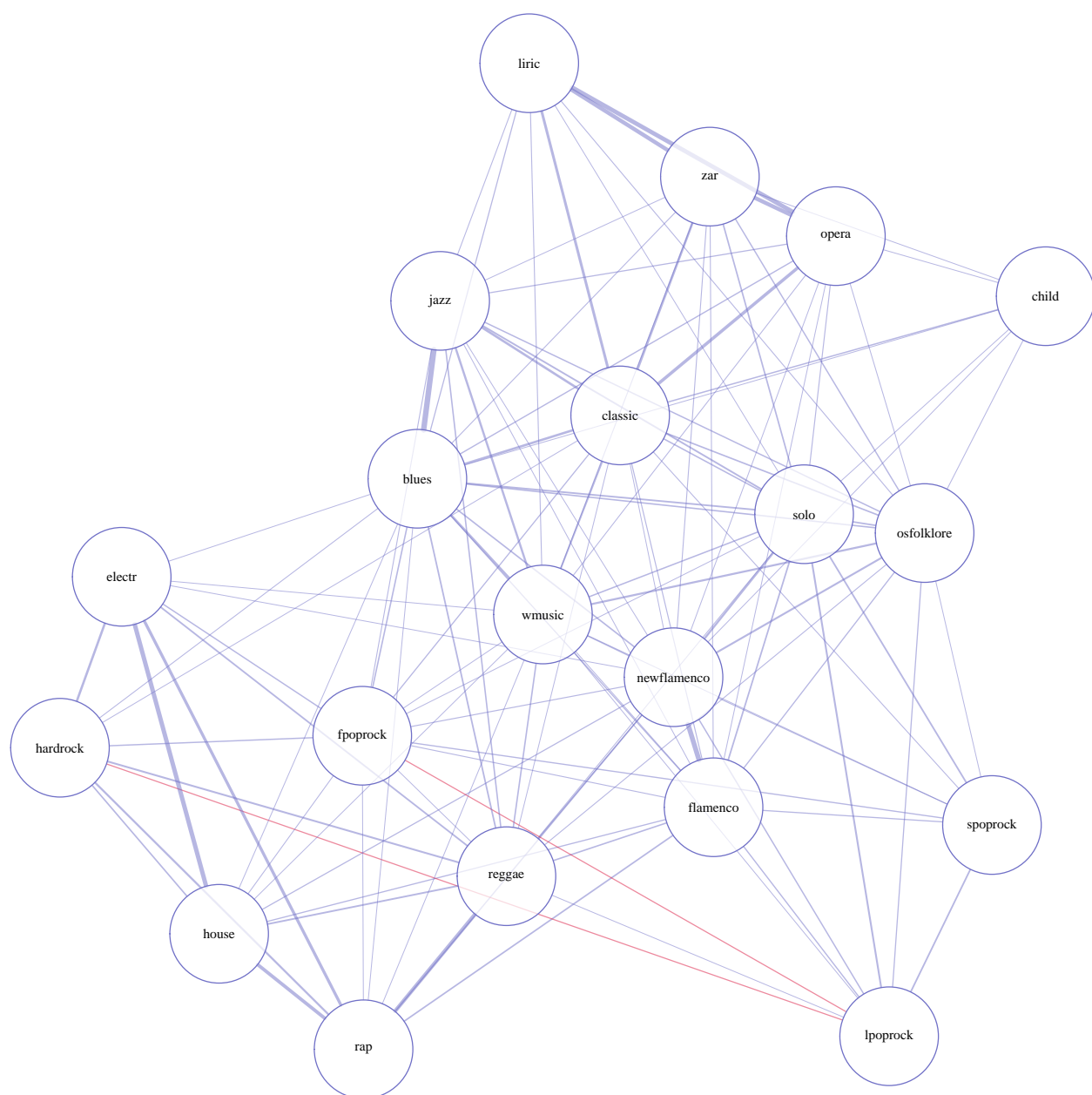
## Module #2



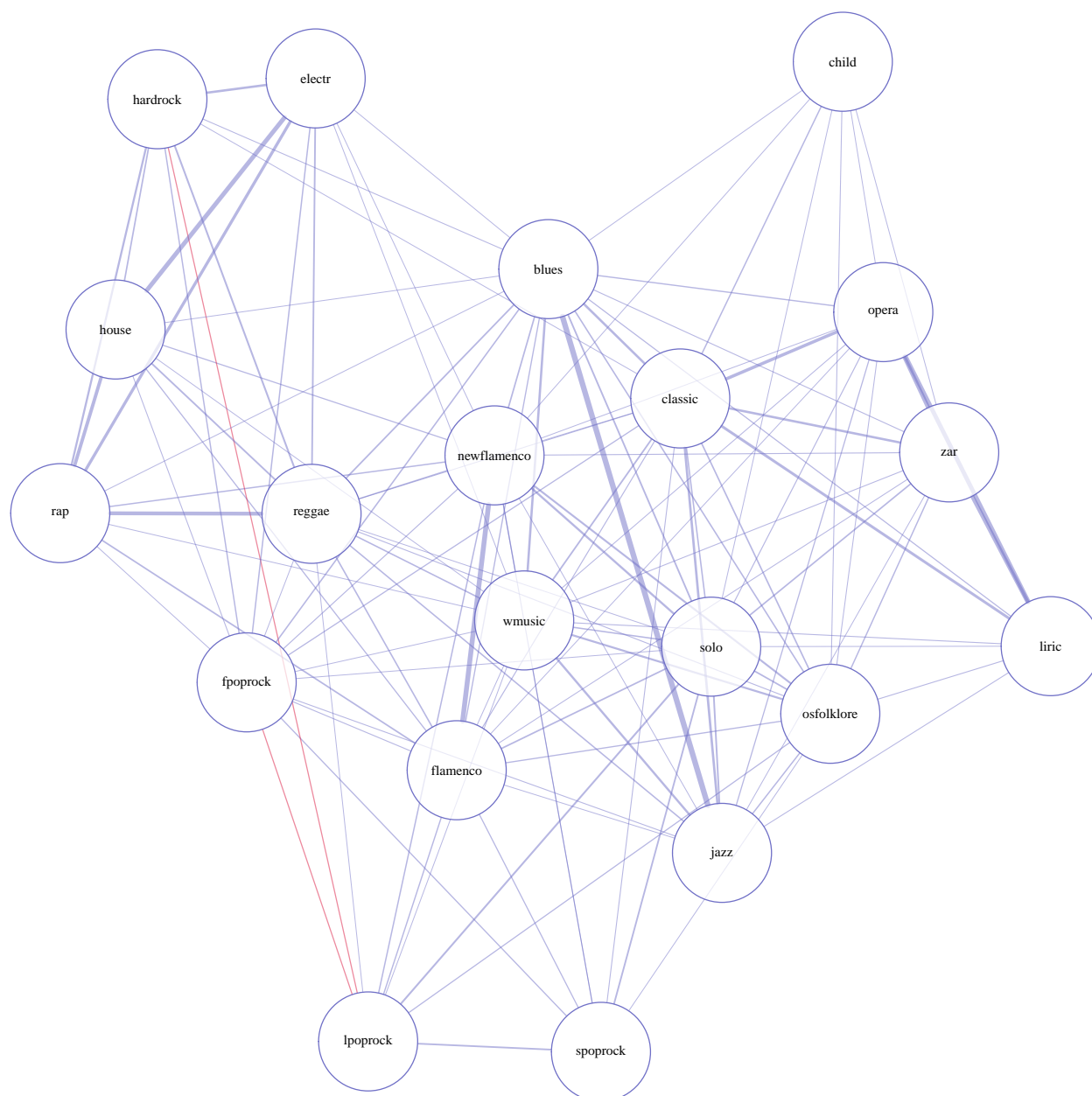
## Module #2



## Module #2

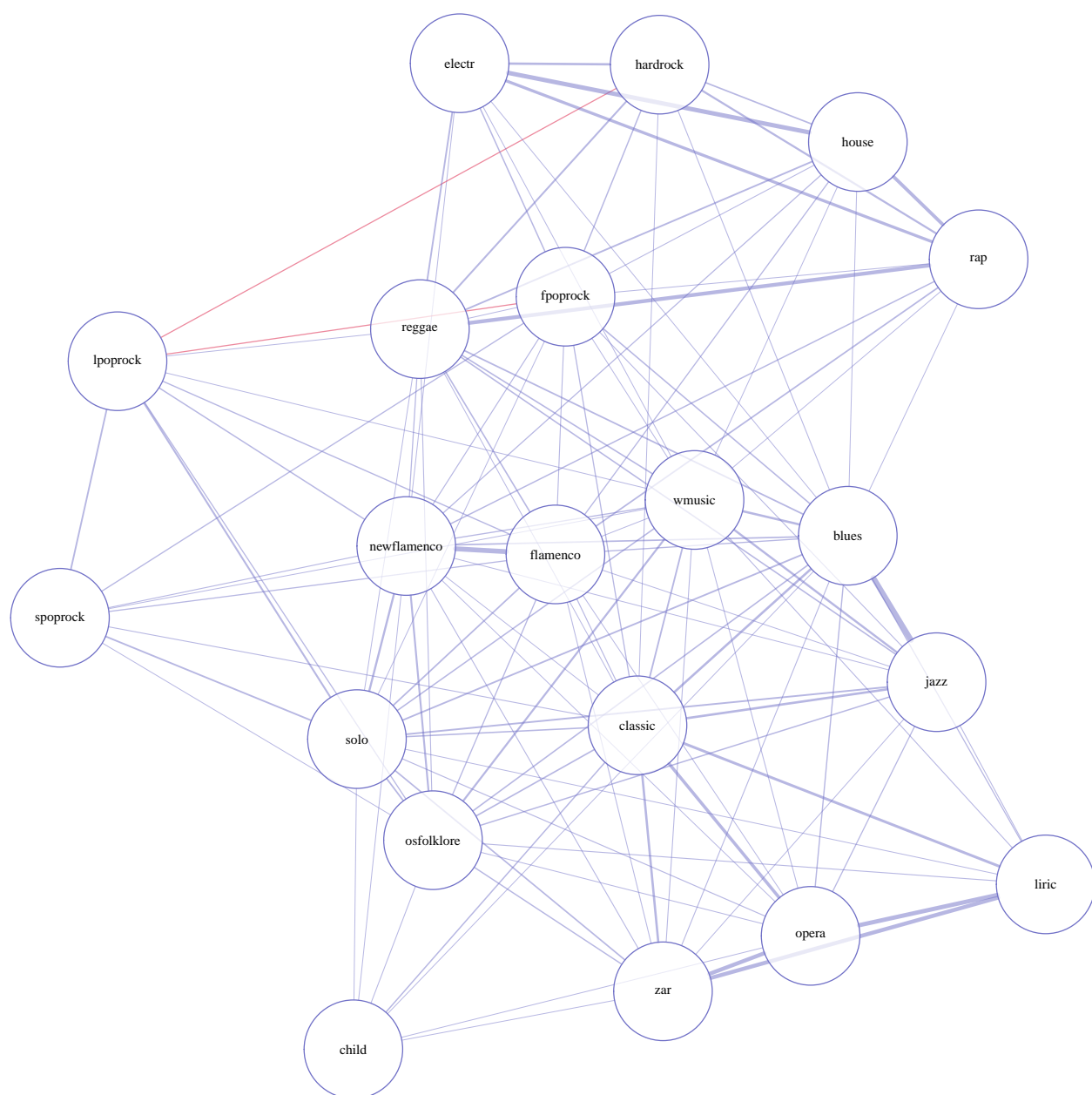


## Module #2

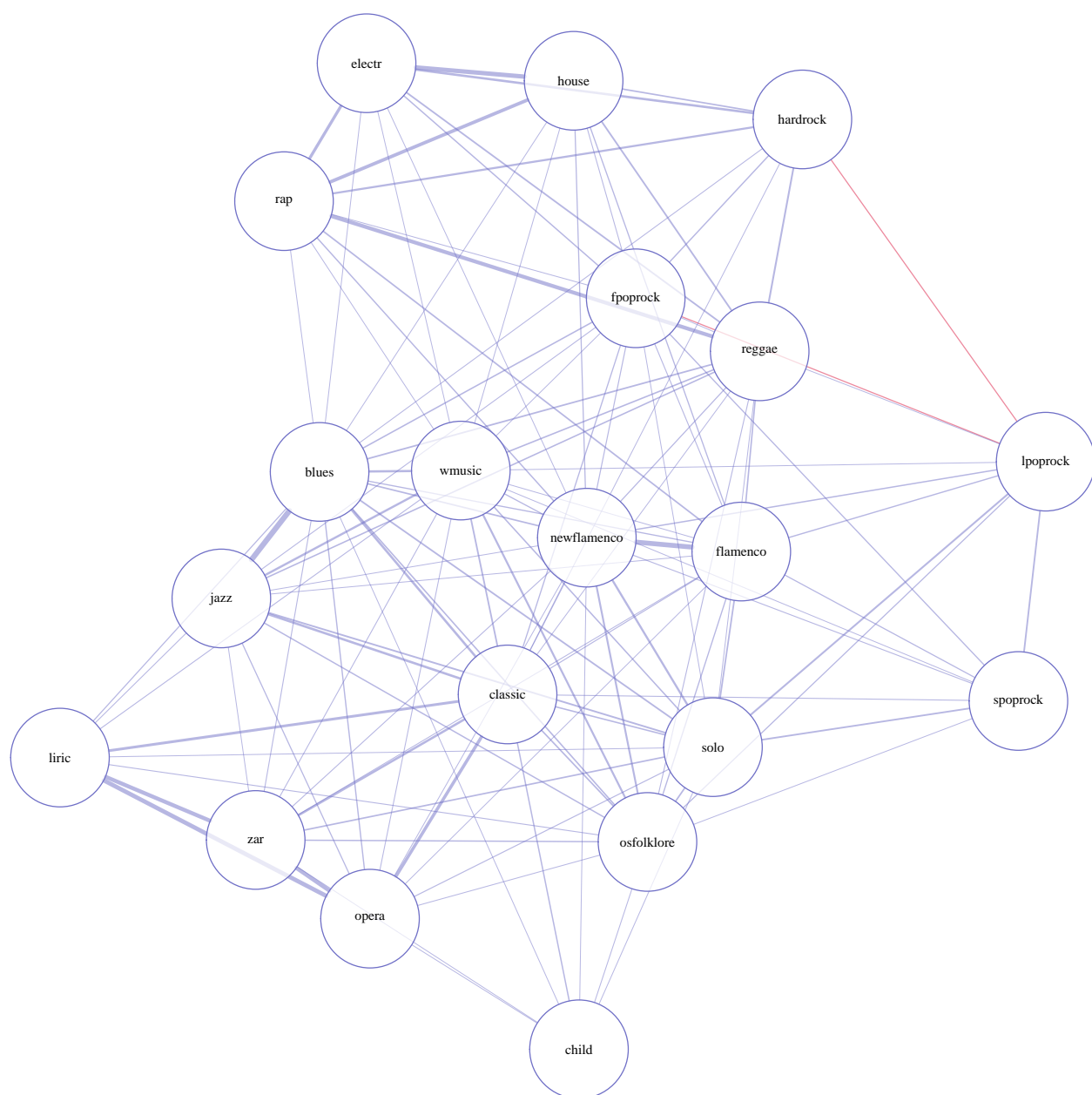


#### 1.2.2.2 Module 2 - Kamada Kawai Layout - Color

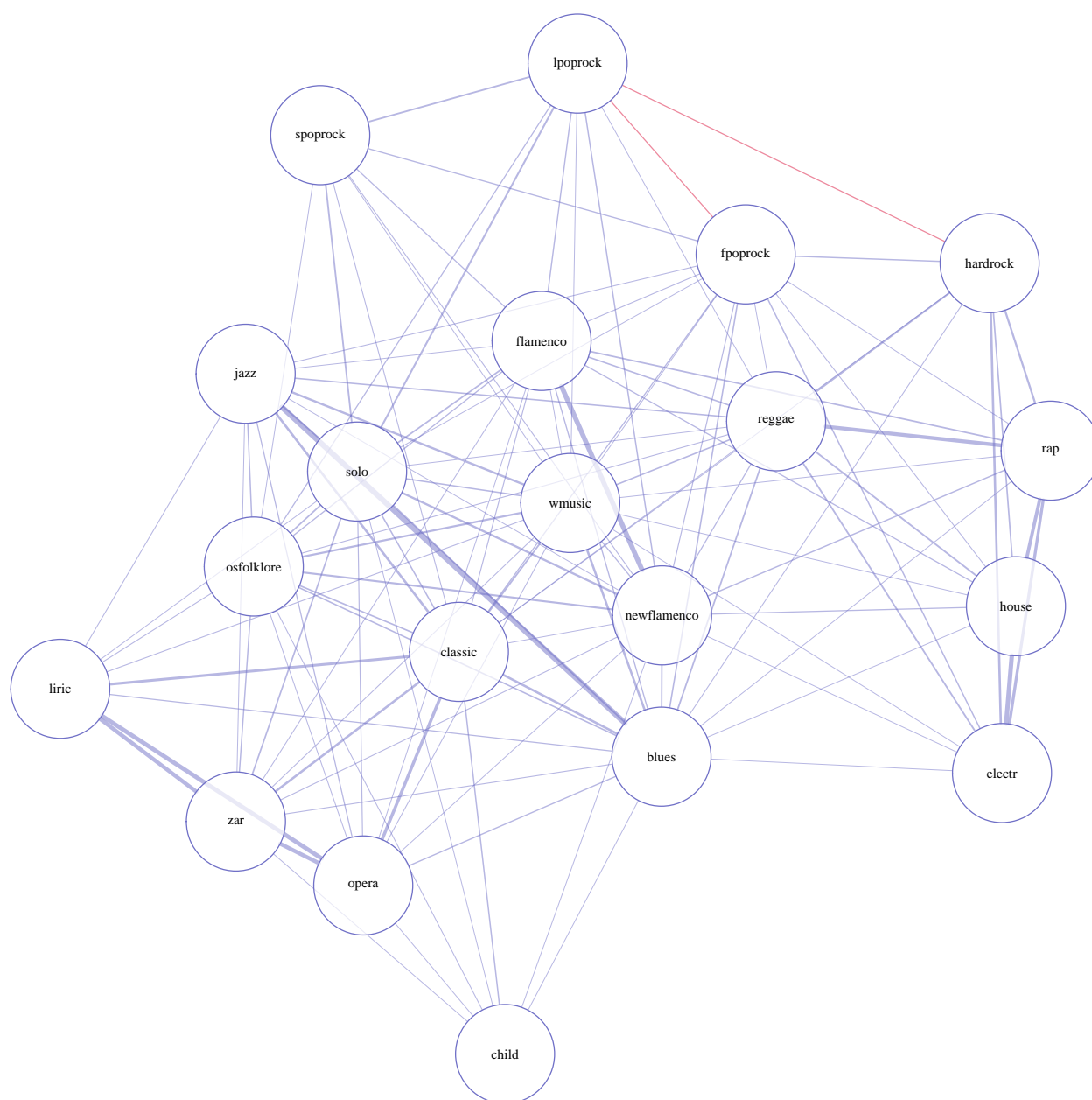
## Module #2



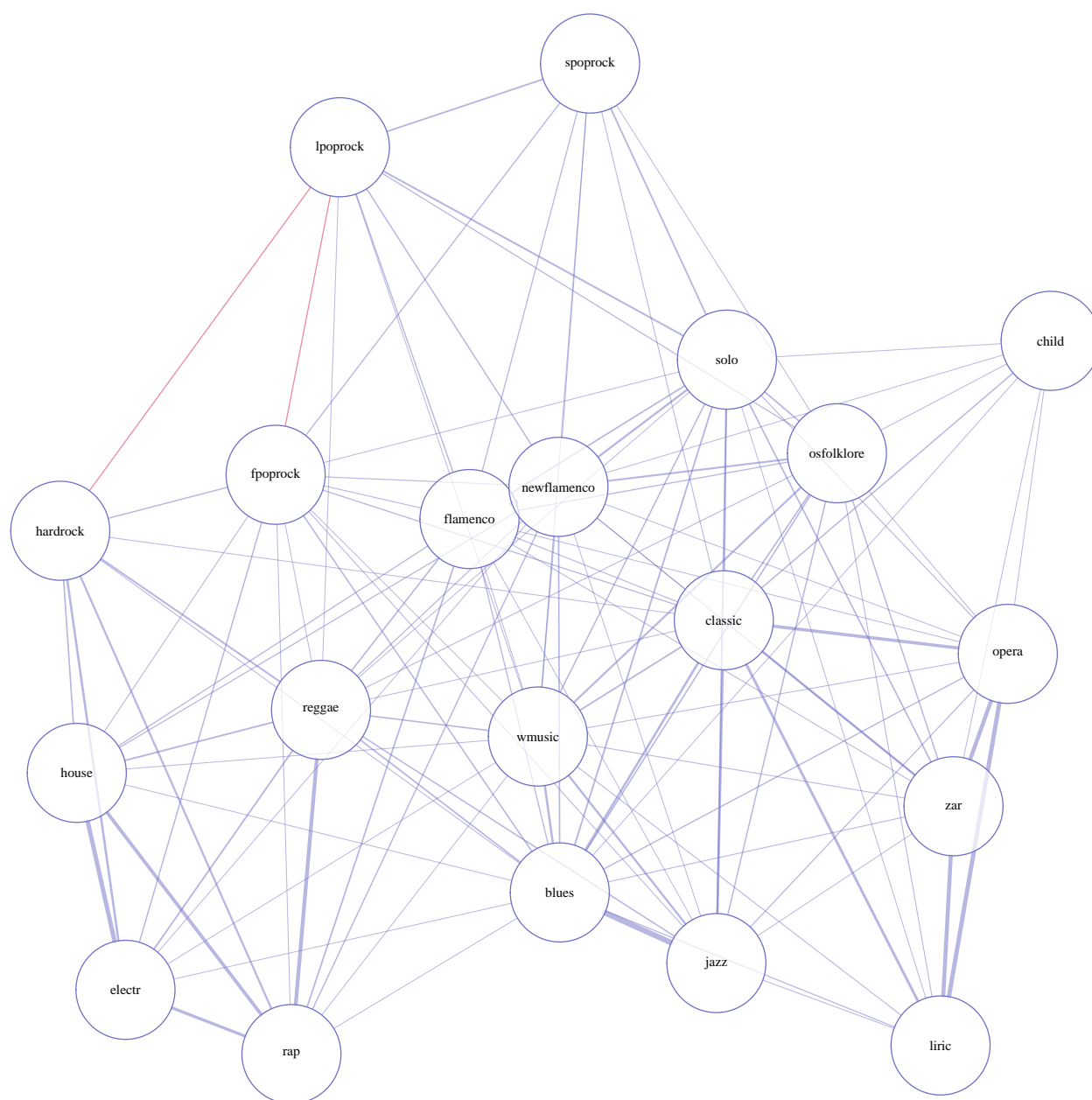
## Module #2



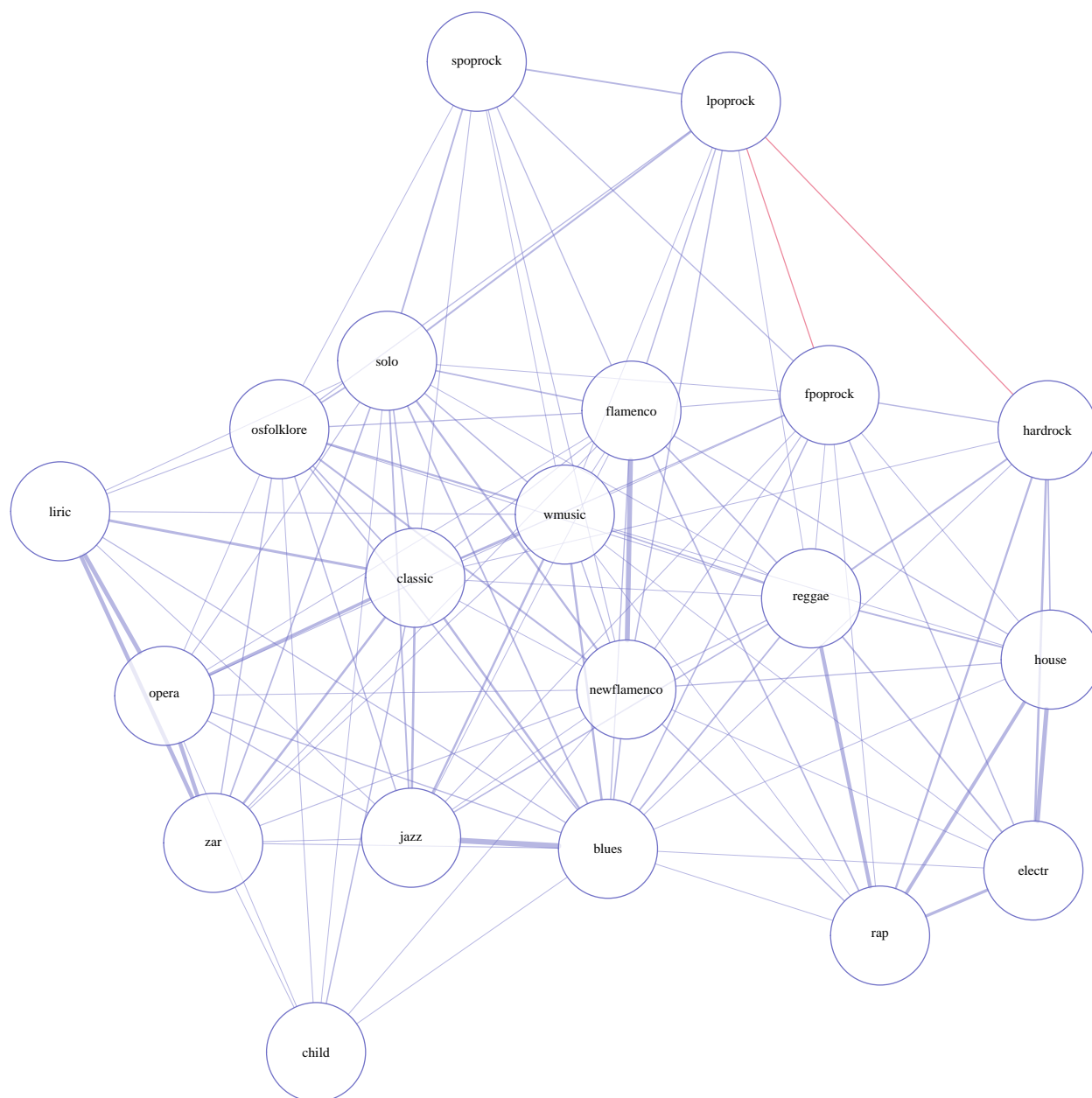
## Module #2



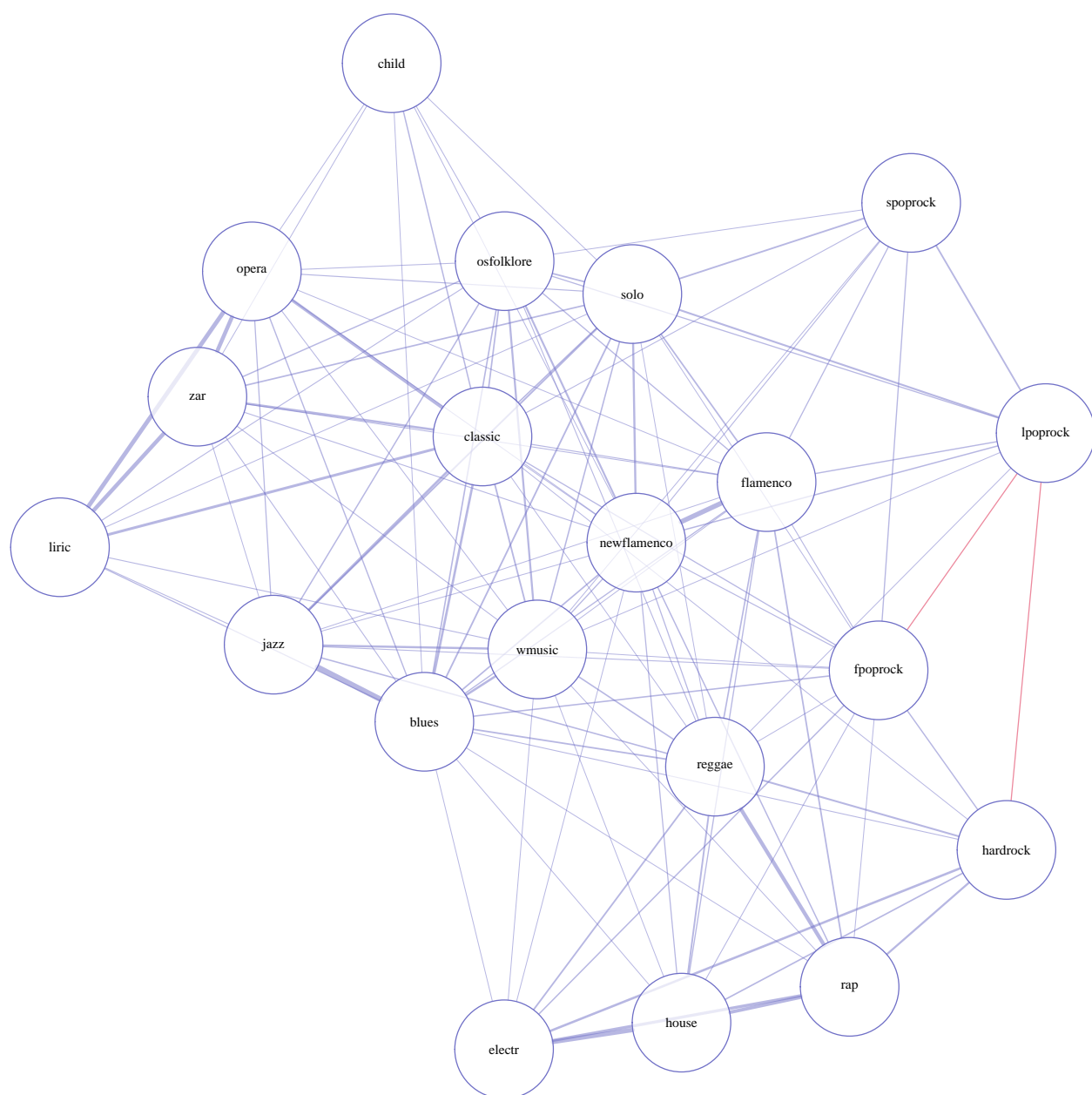
## Module #2



## Module #2

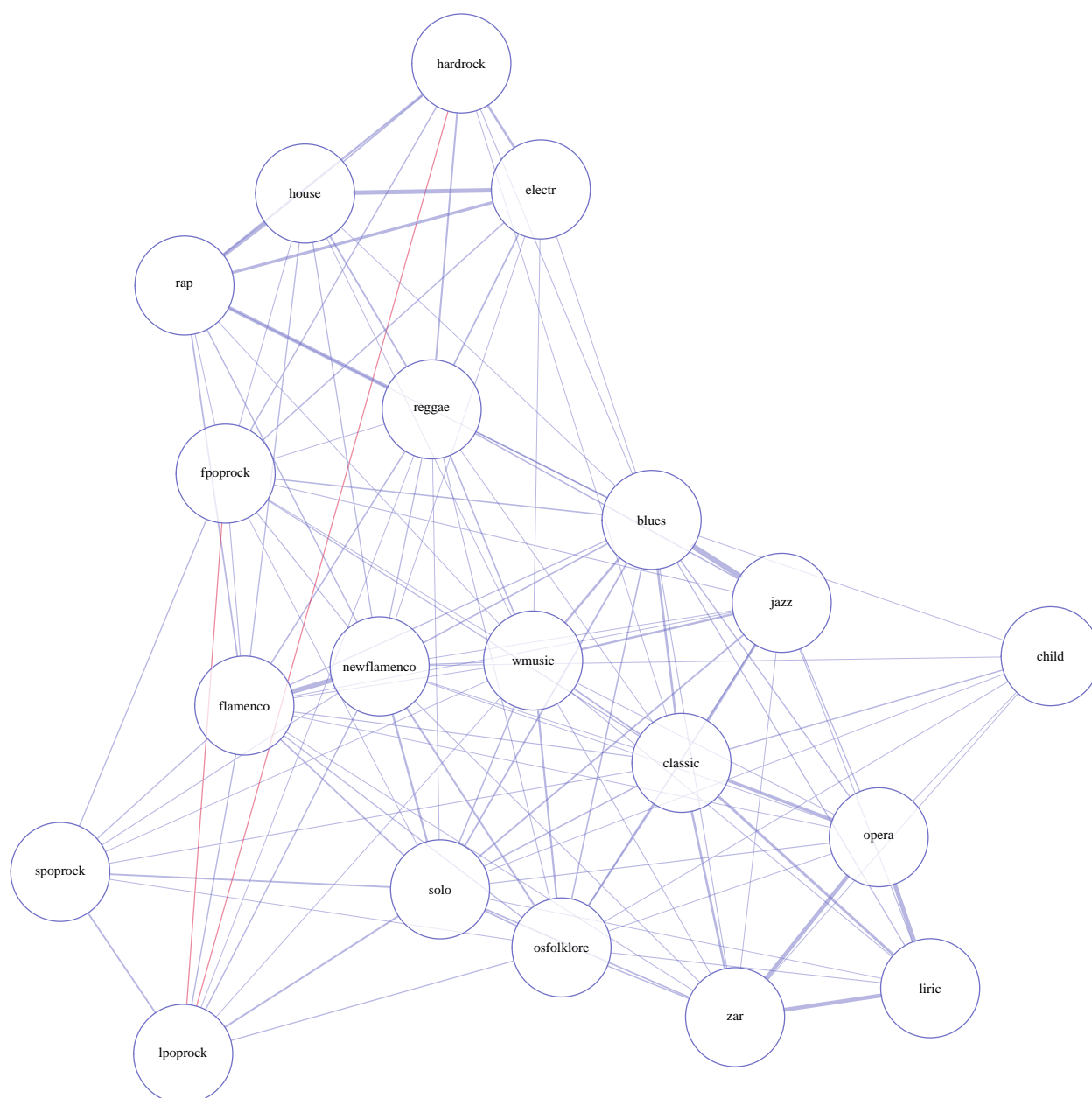


## Module #2

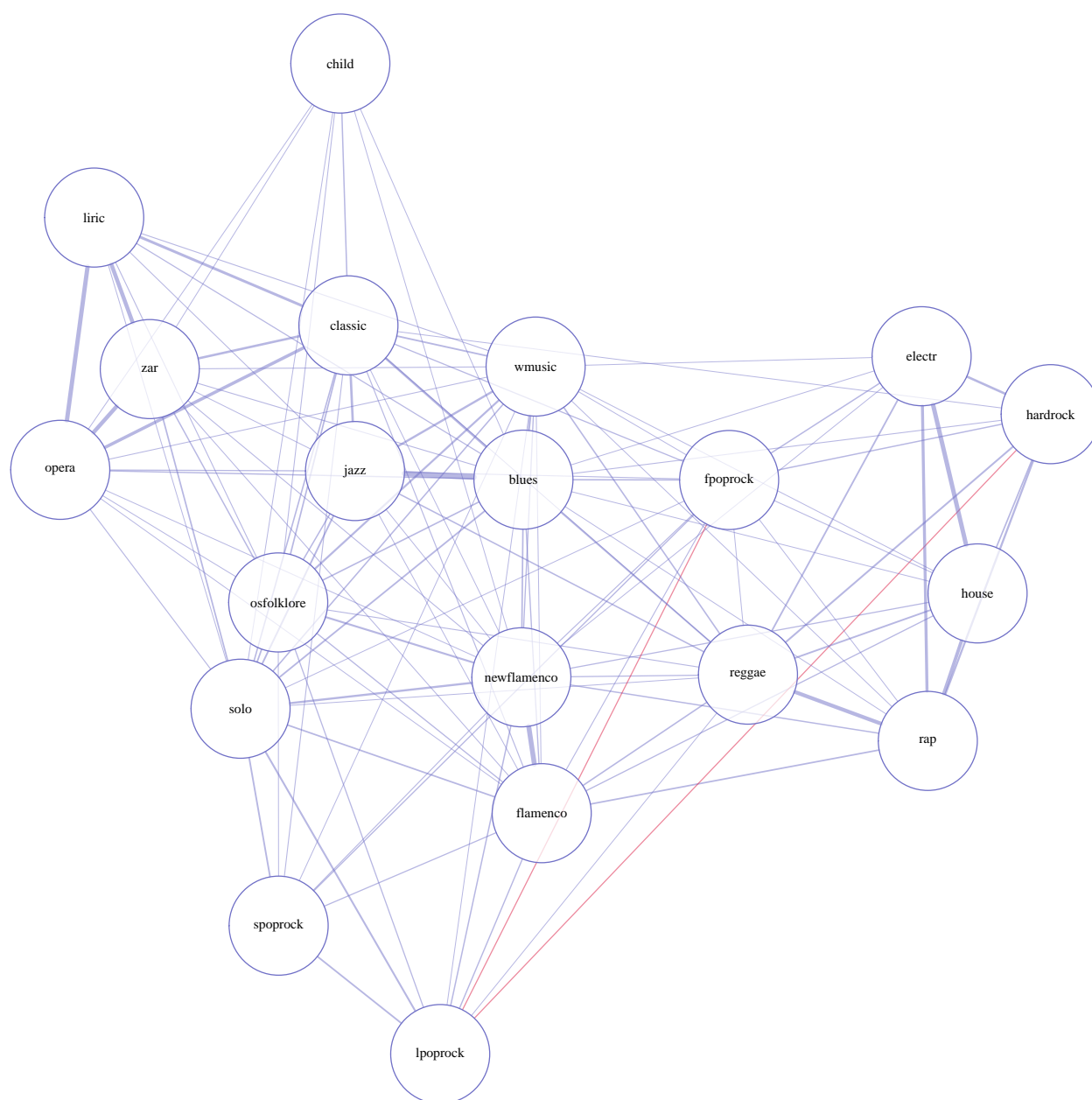


### 1.2.2.3 Module 2 - Fruchtername Reingold Layout - Color - Drop Neg Ties for Layout

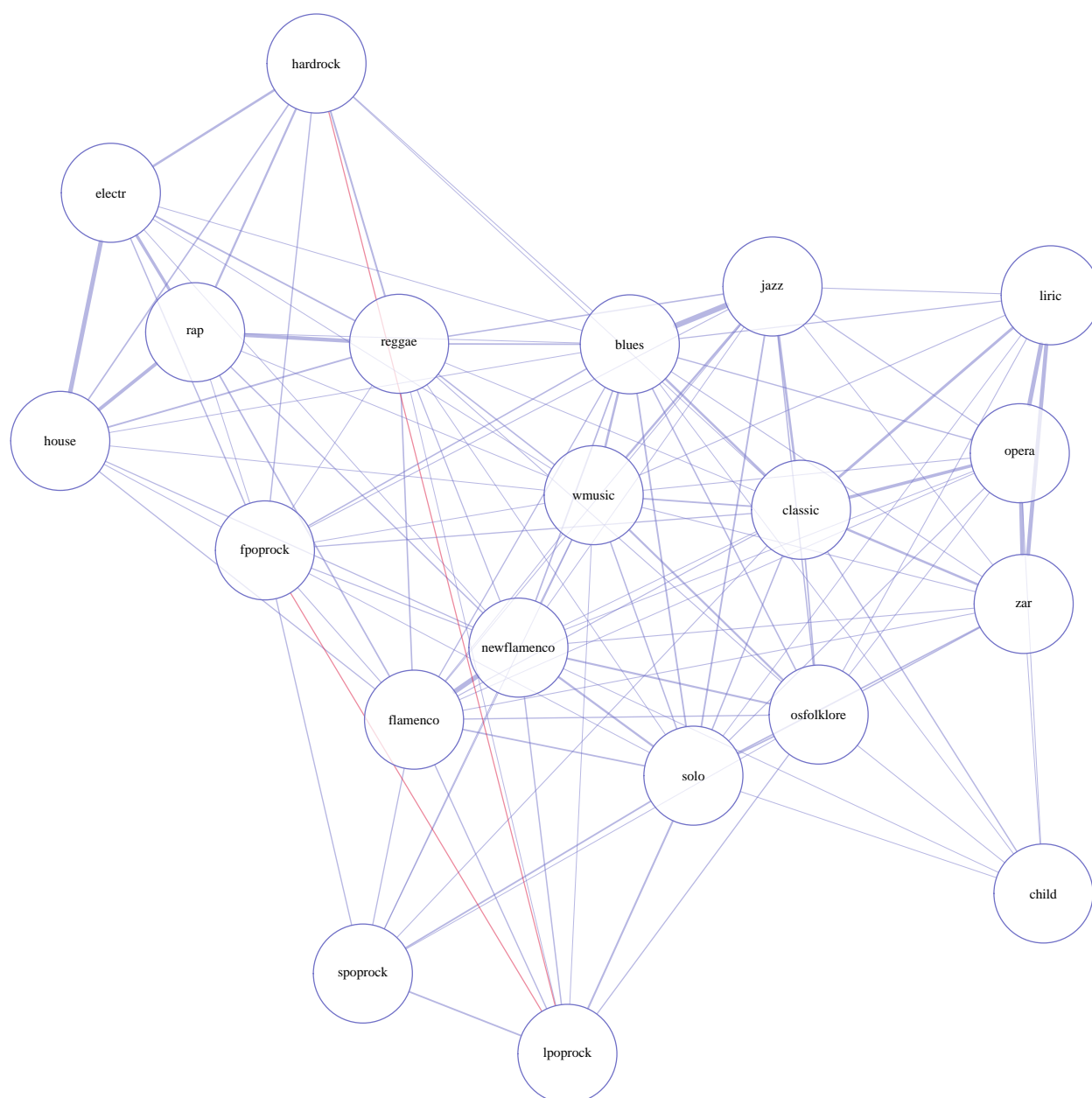
## Module #2



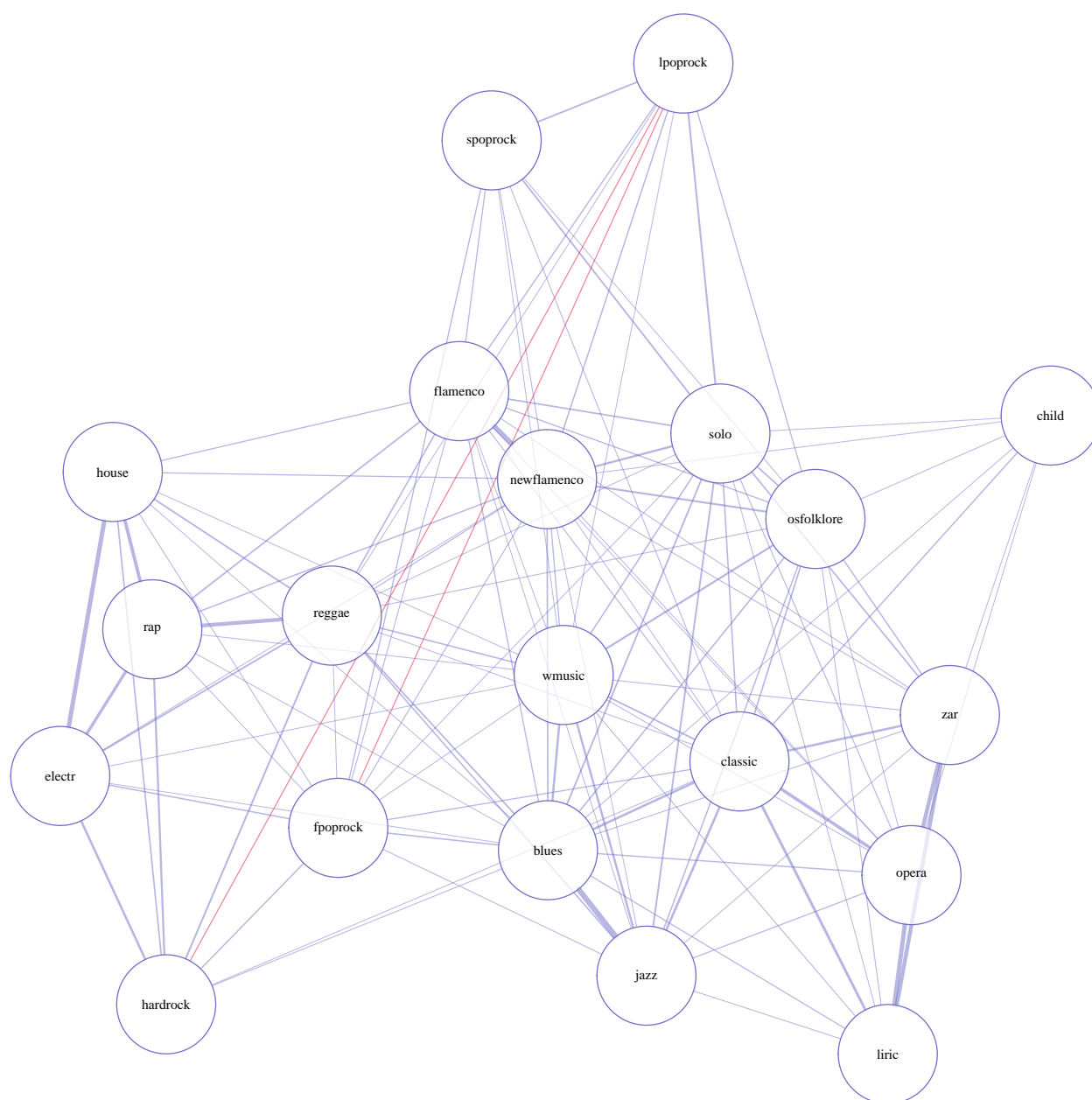
## Module #2



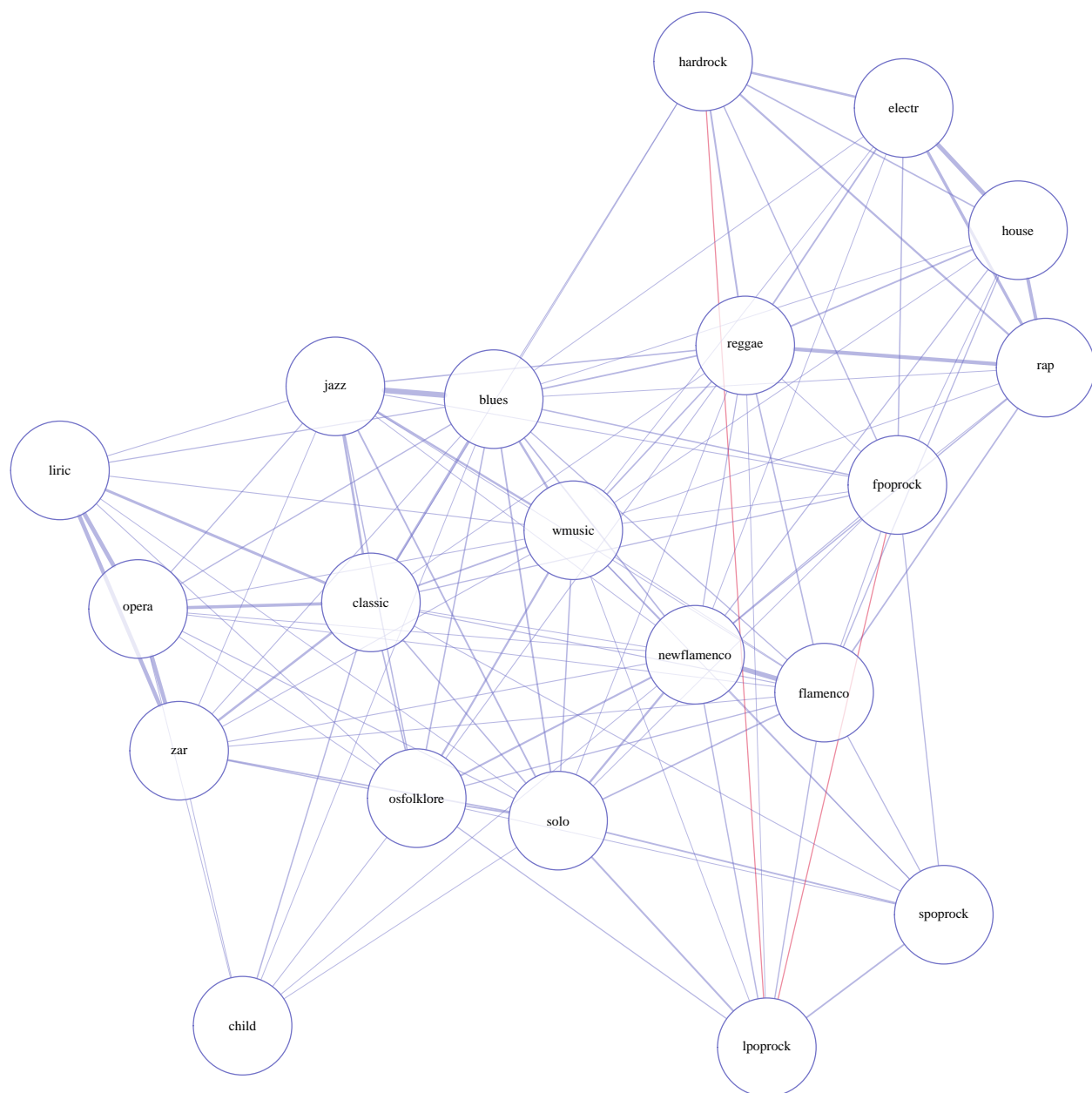
## Module #2



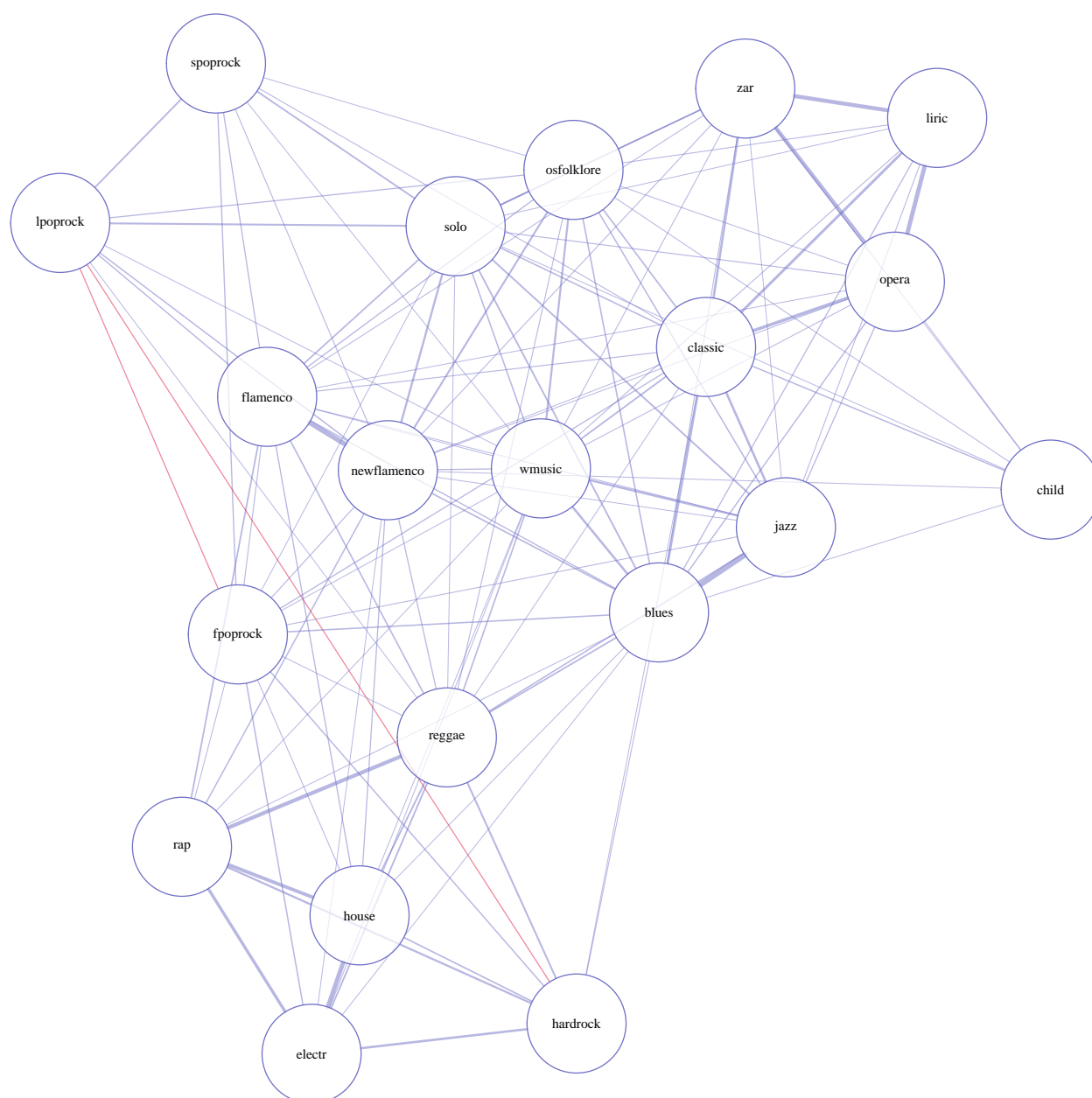
## Module #2



## Module #2



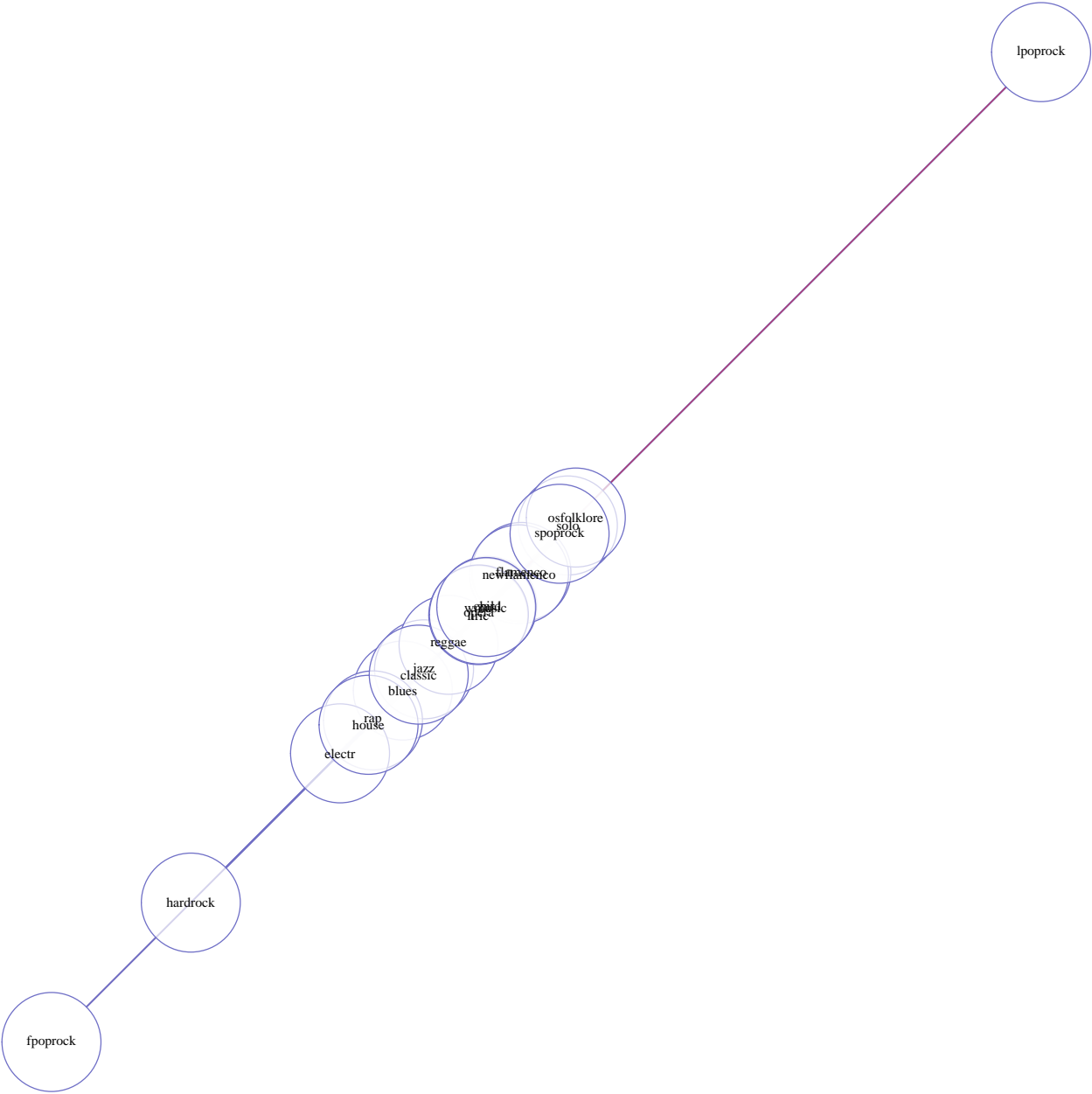
## Module #2



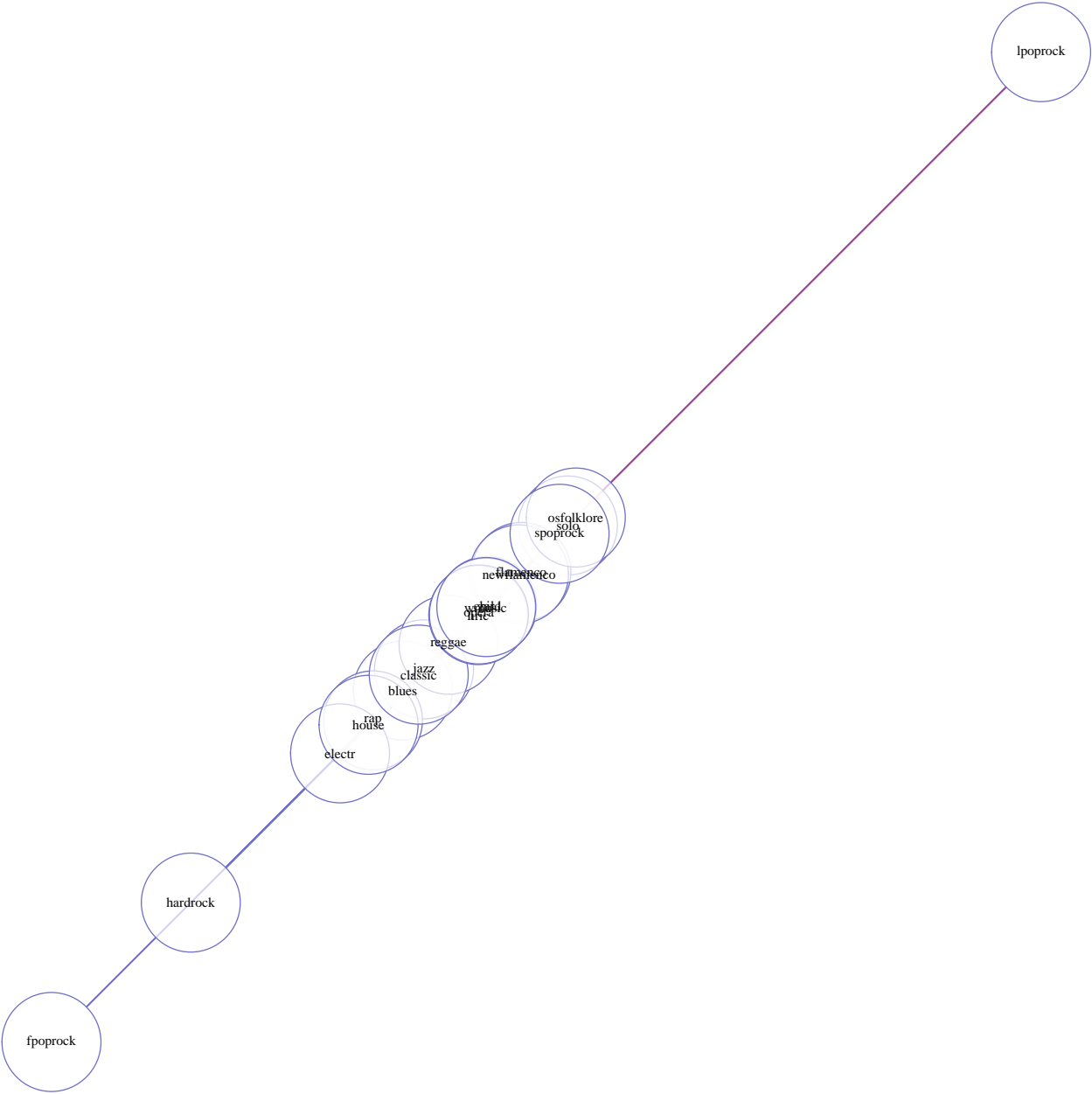
**1.2.2.4 Module 2 - Fruchtername Reingold Layout - Color**

**1.2.3 Module 3**

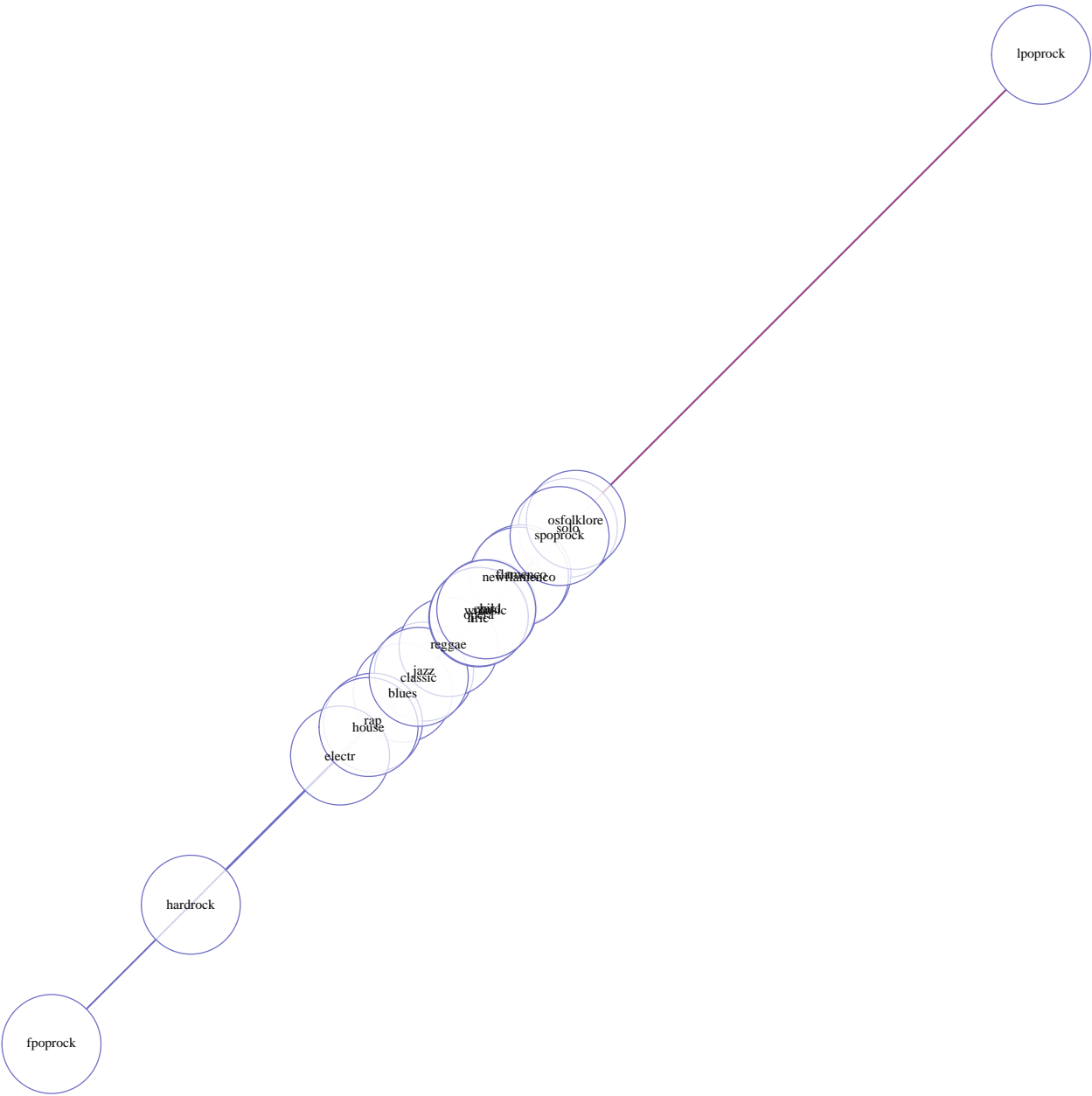
Module #2



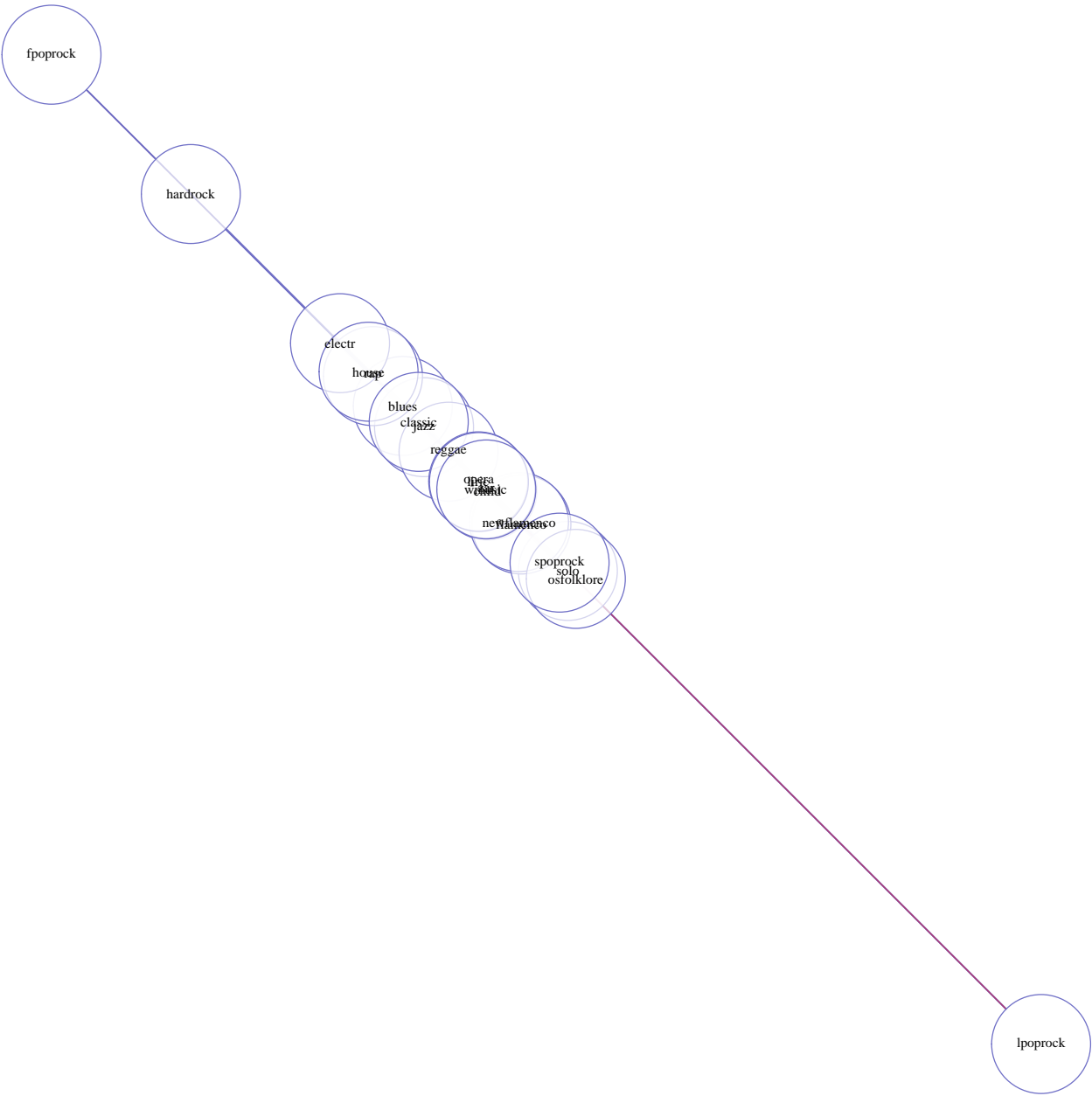
Module #2



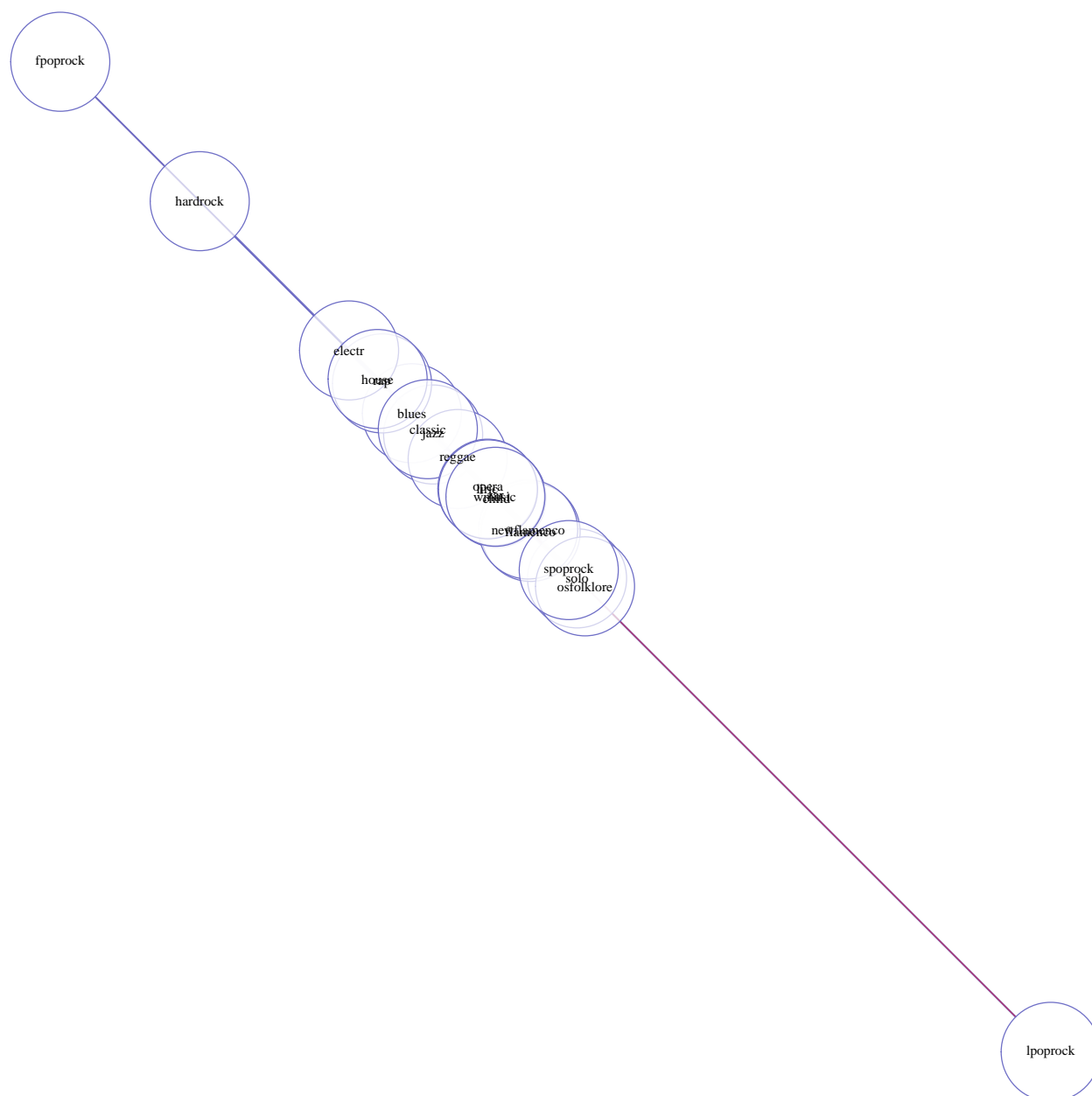
Module #2



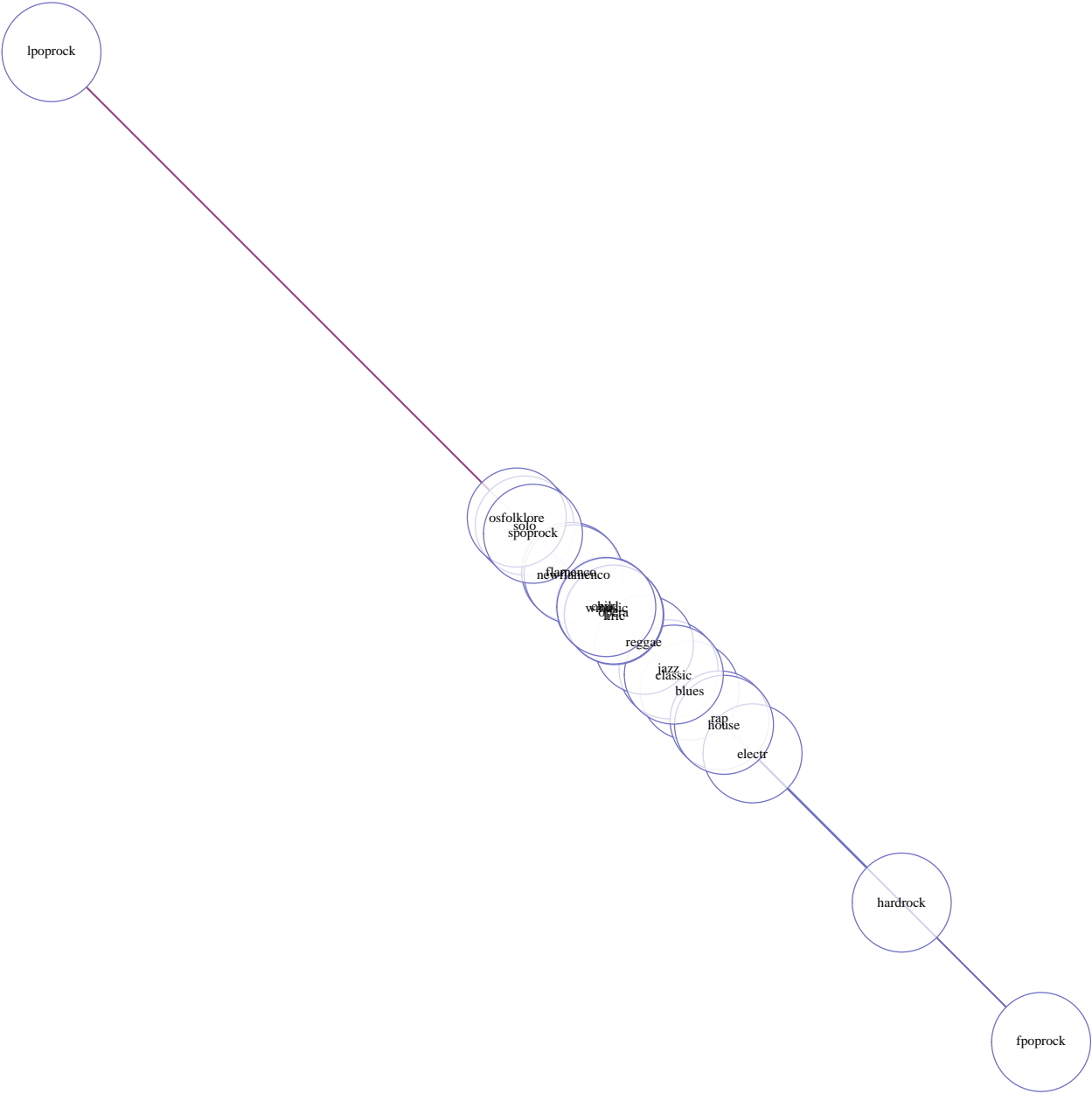
Module #2



## Module #2

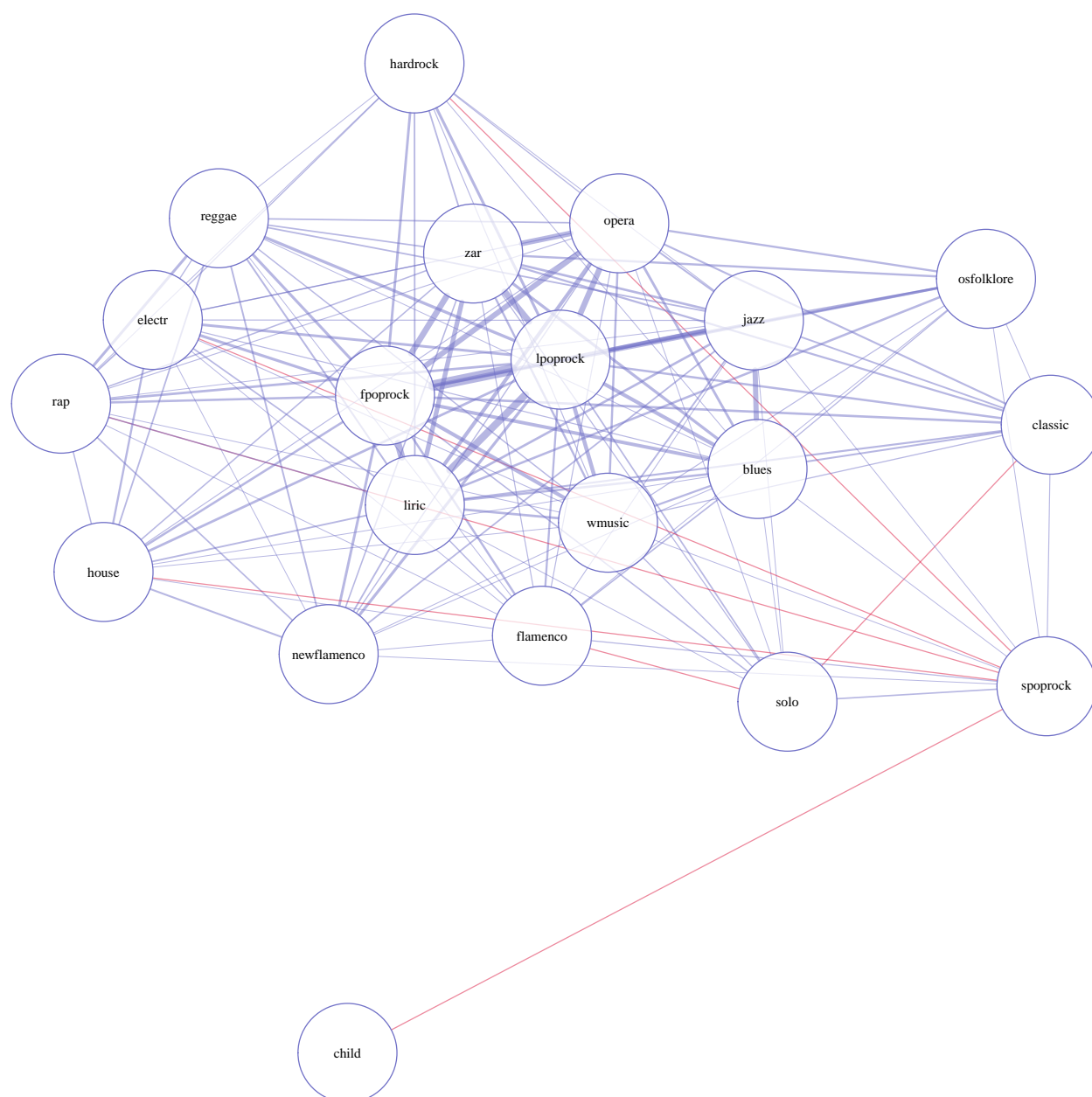


Module #2

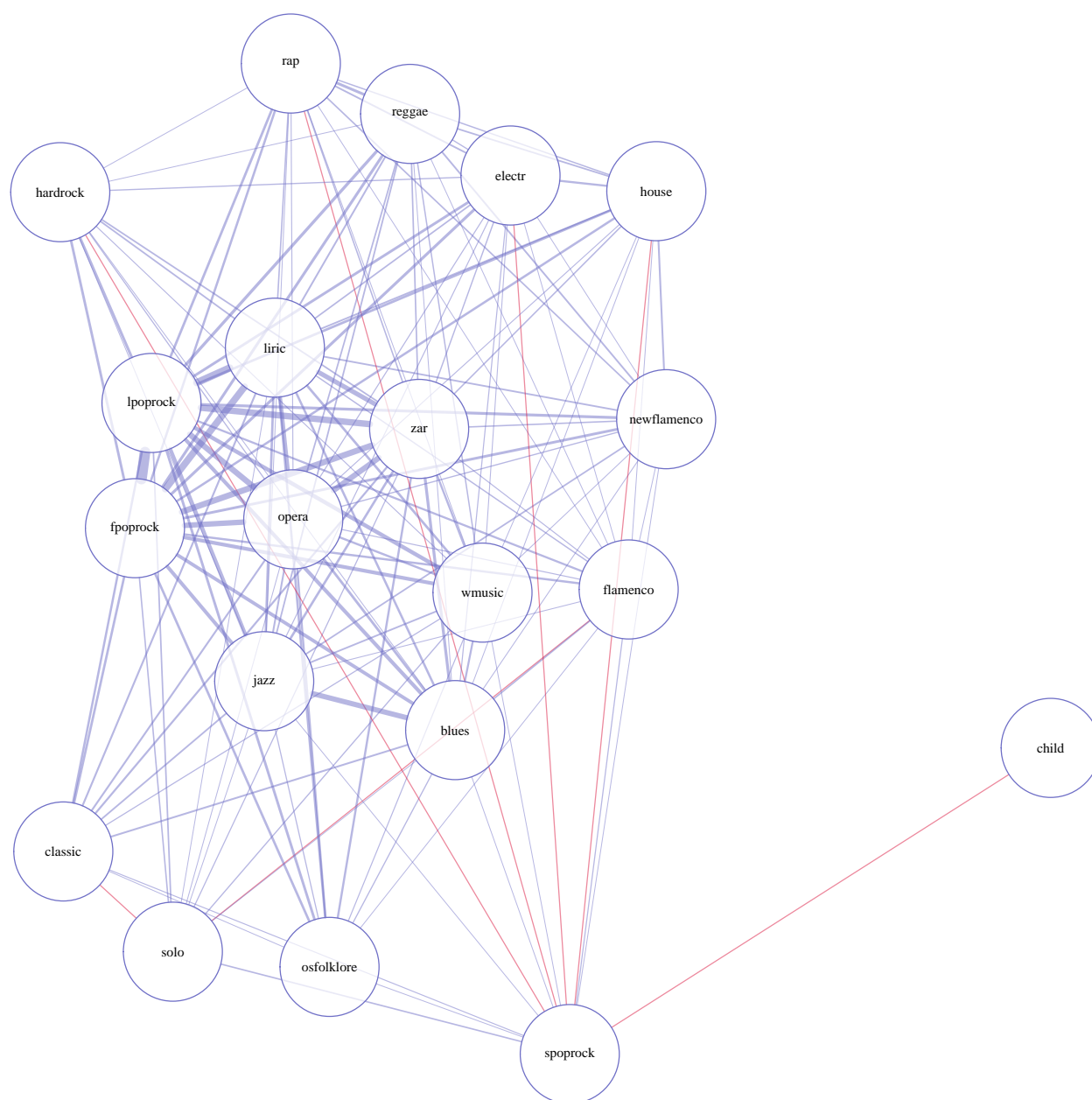


#### **1.2.3.1 Module 3 - Kamada Kawai Layout - Color - Drop Neg Ties for Layout**

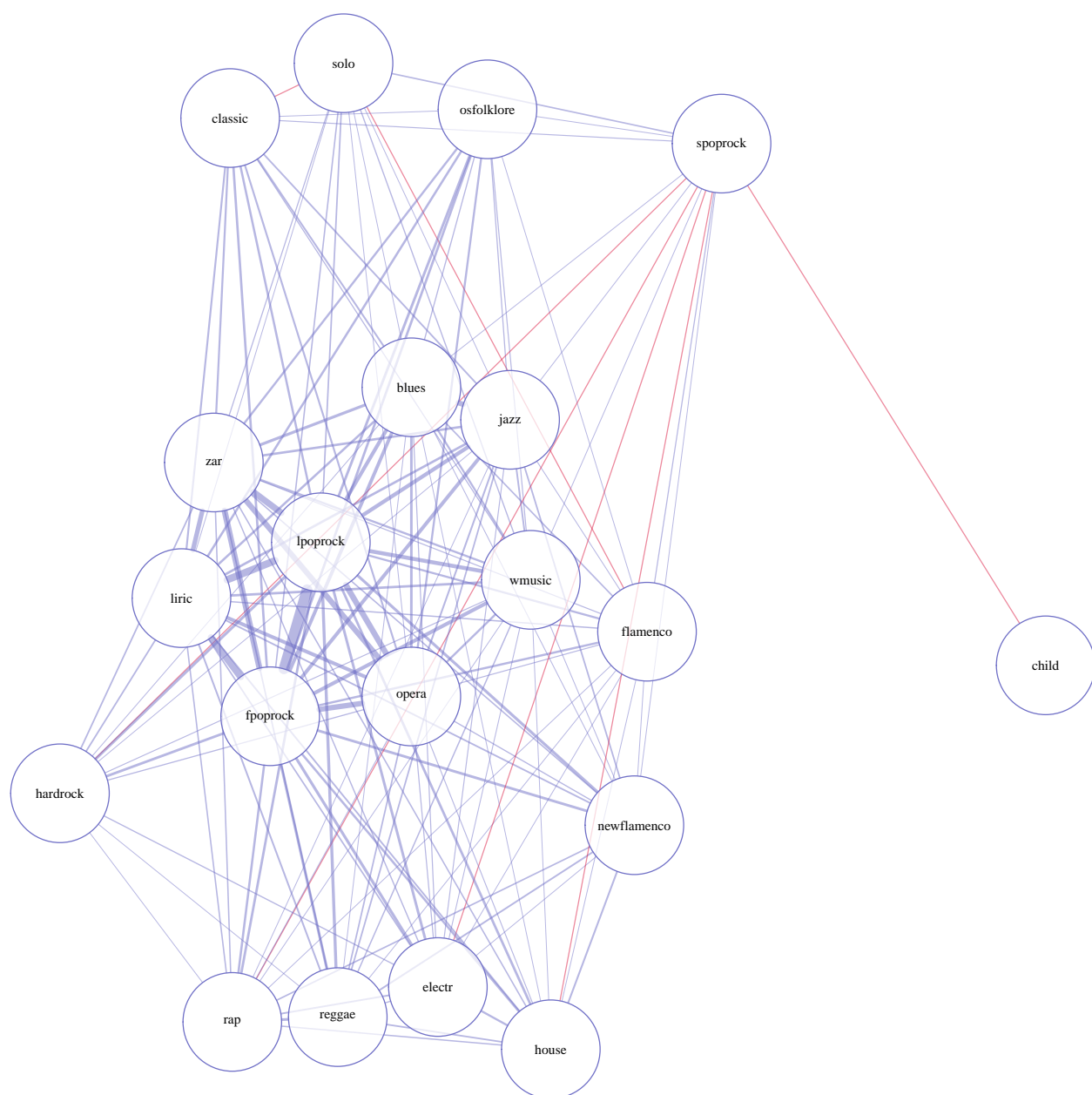
## Module #3



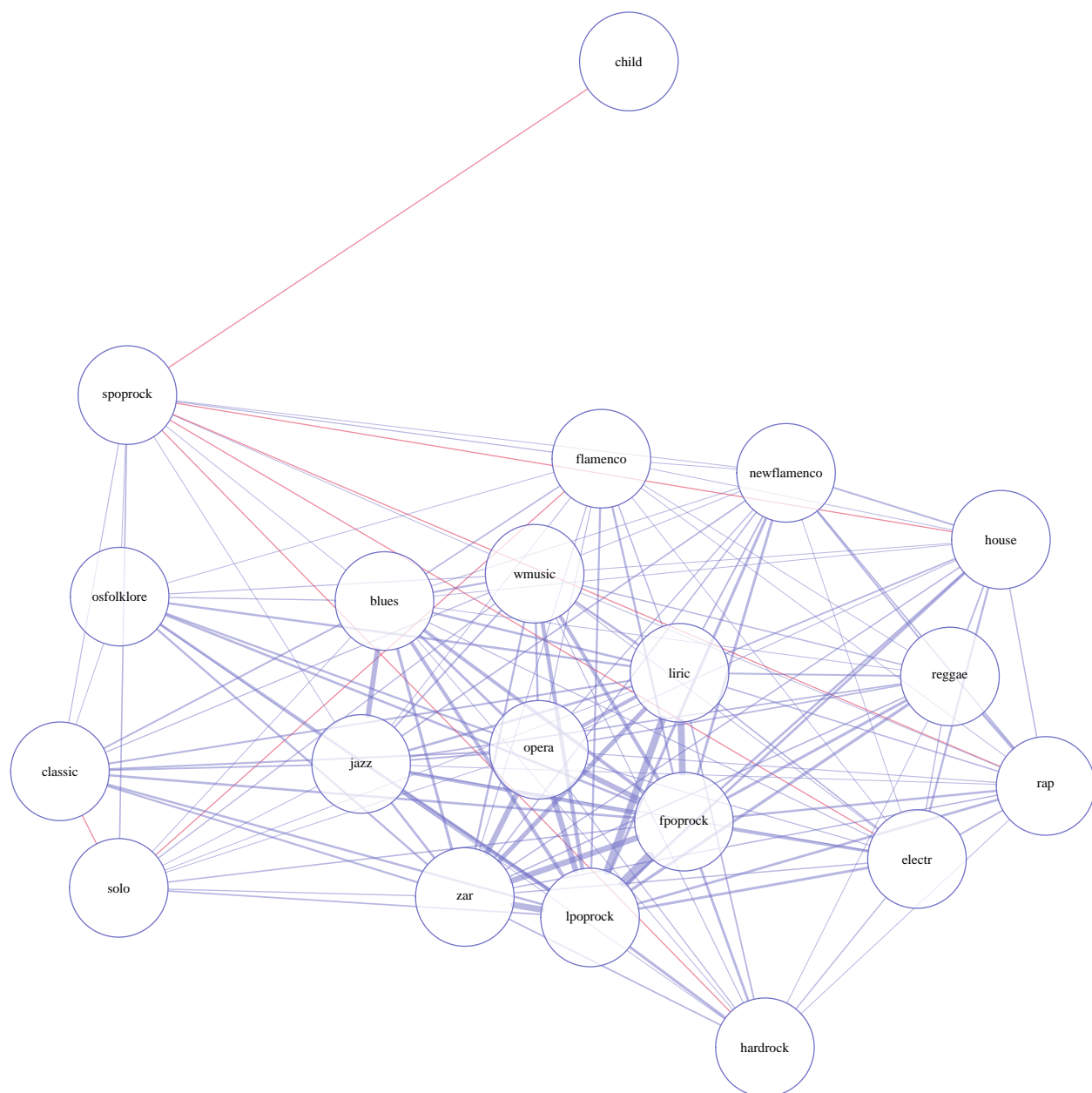
### Module #3



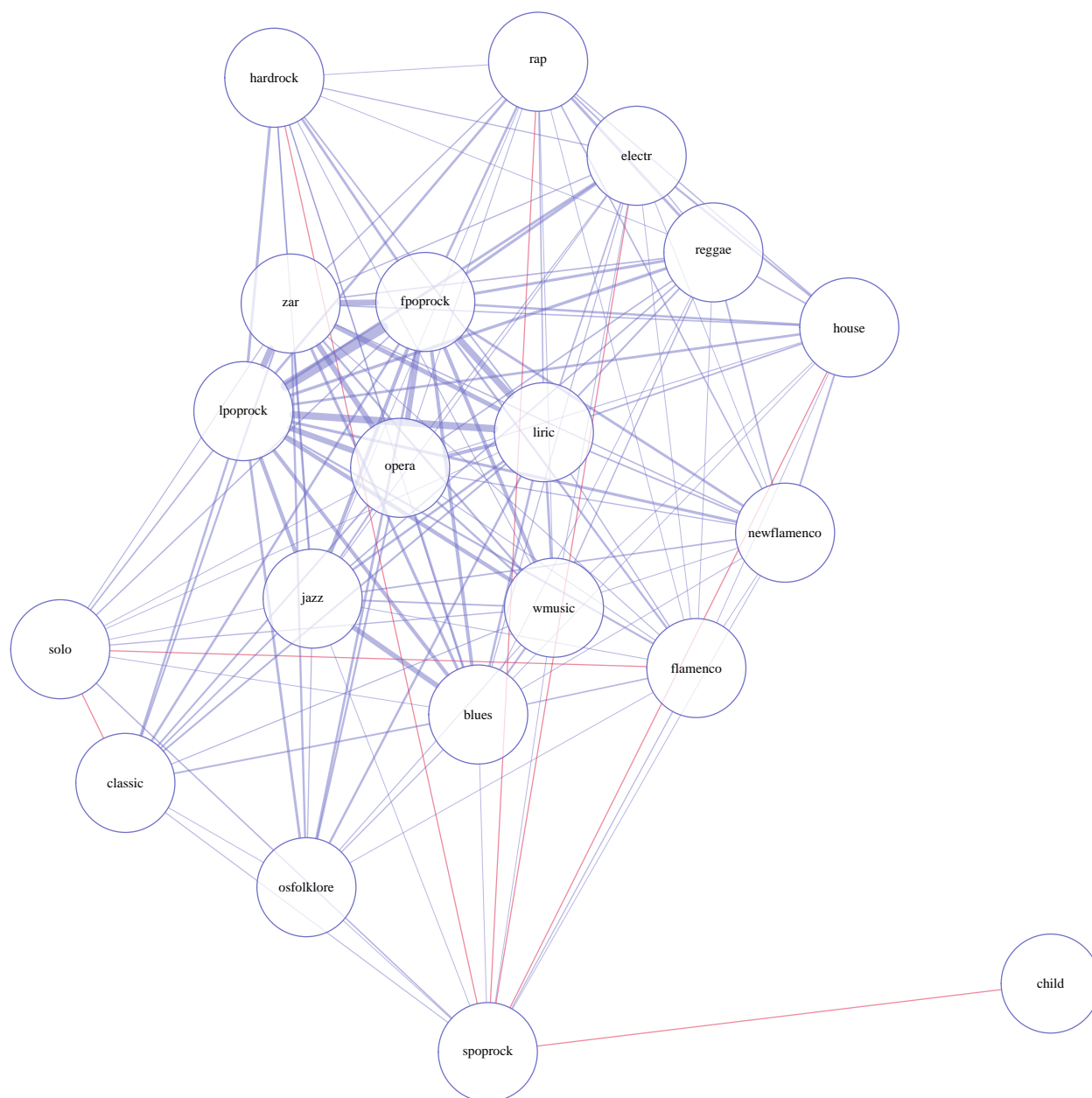
### Module #3



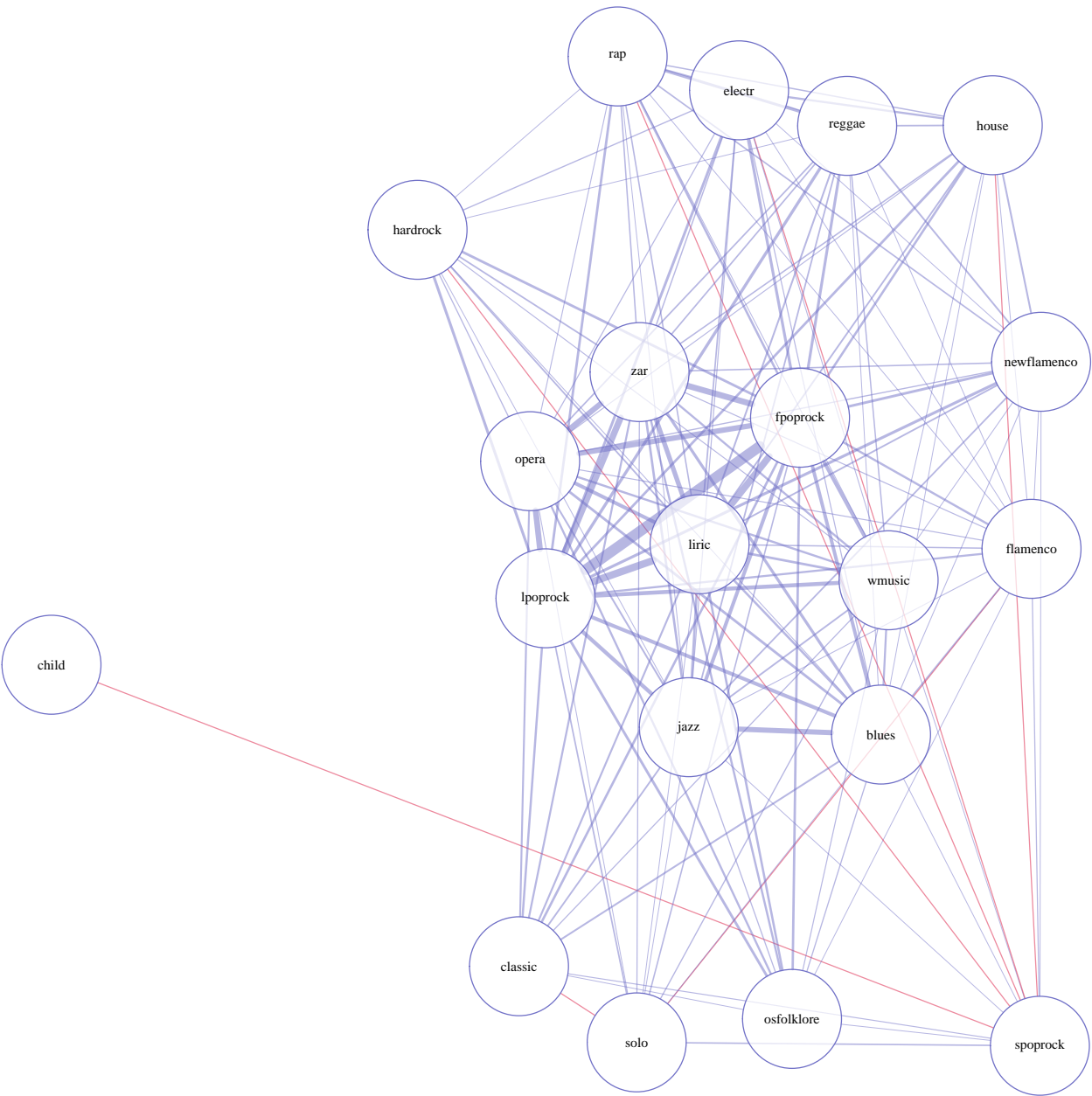
### Module #3



## Module #3

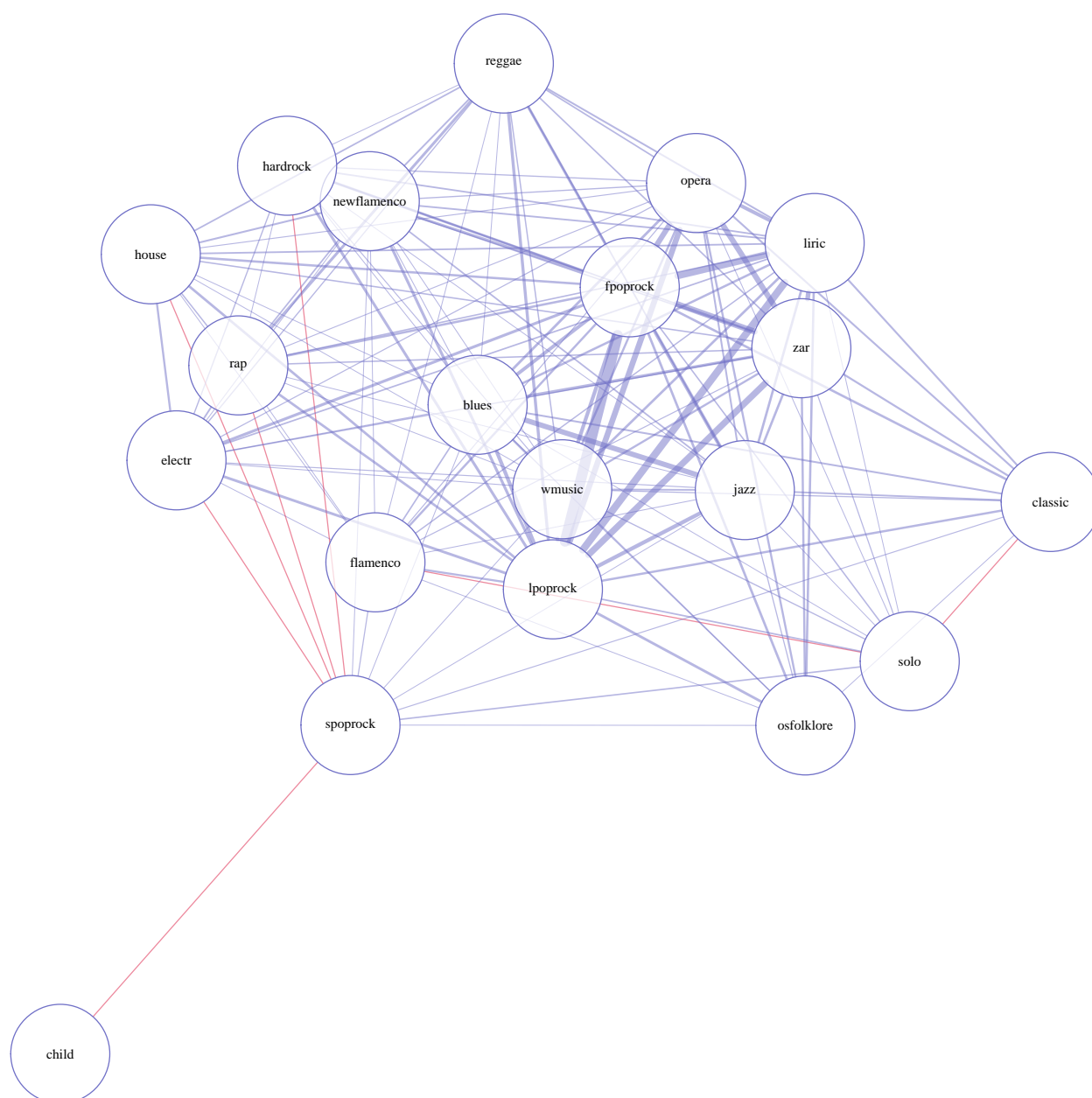


Module #3

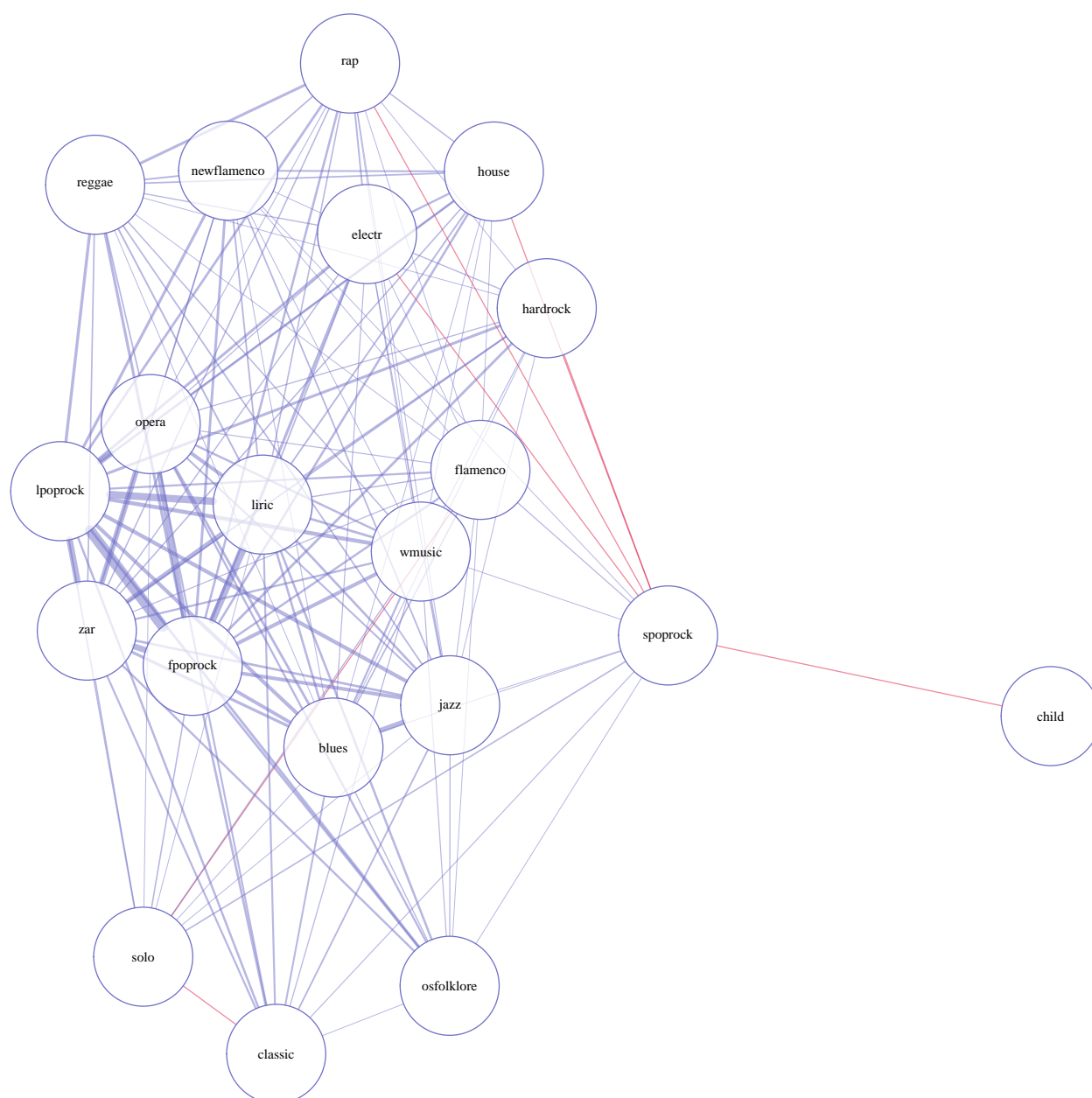


### 1.2.3.2 Module 3 - Kamada Kawai Layout - Color

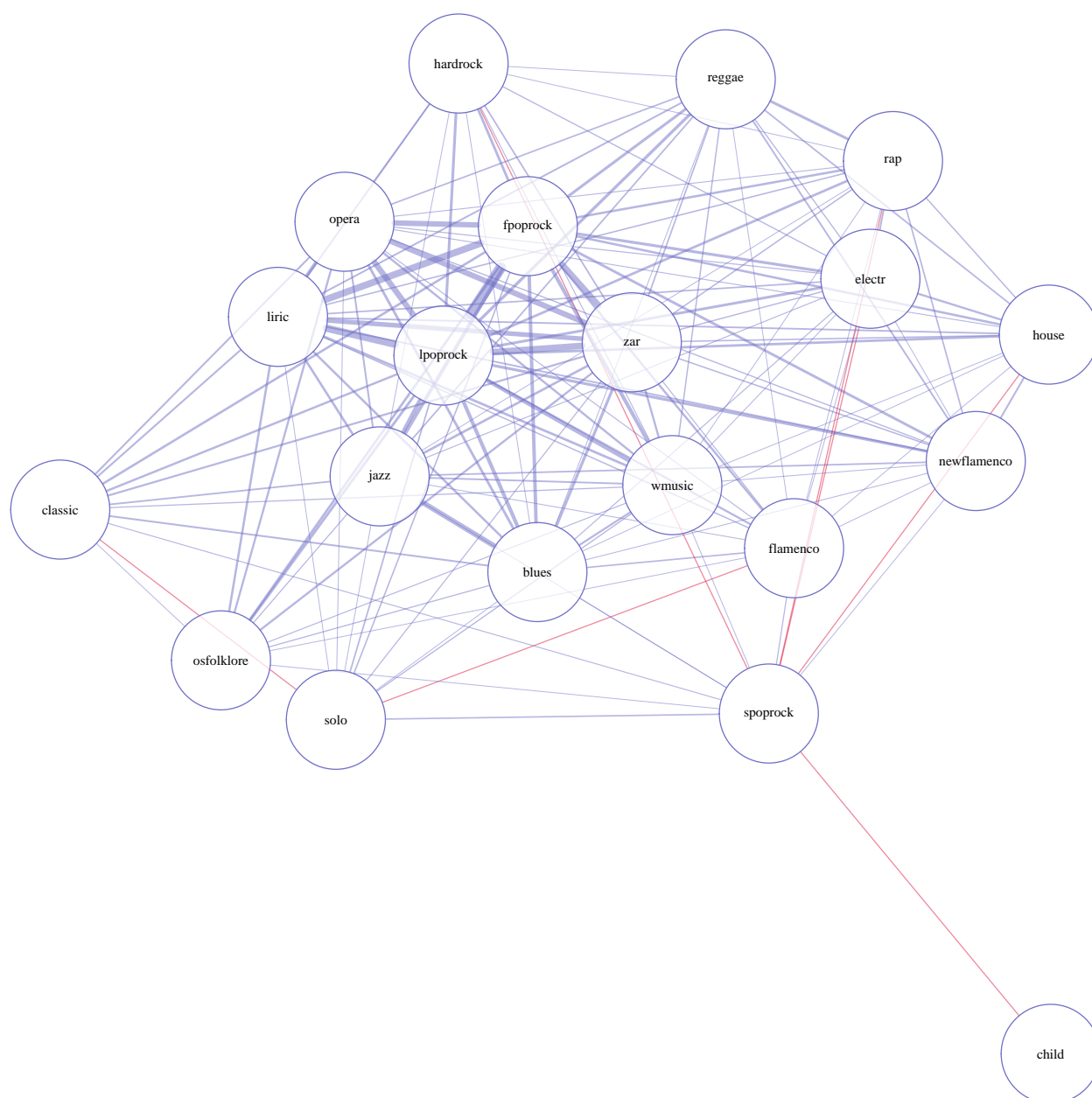
### Module #3



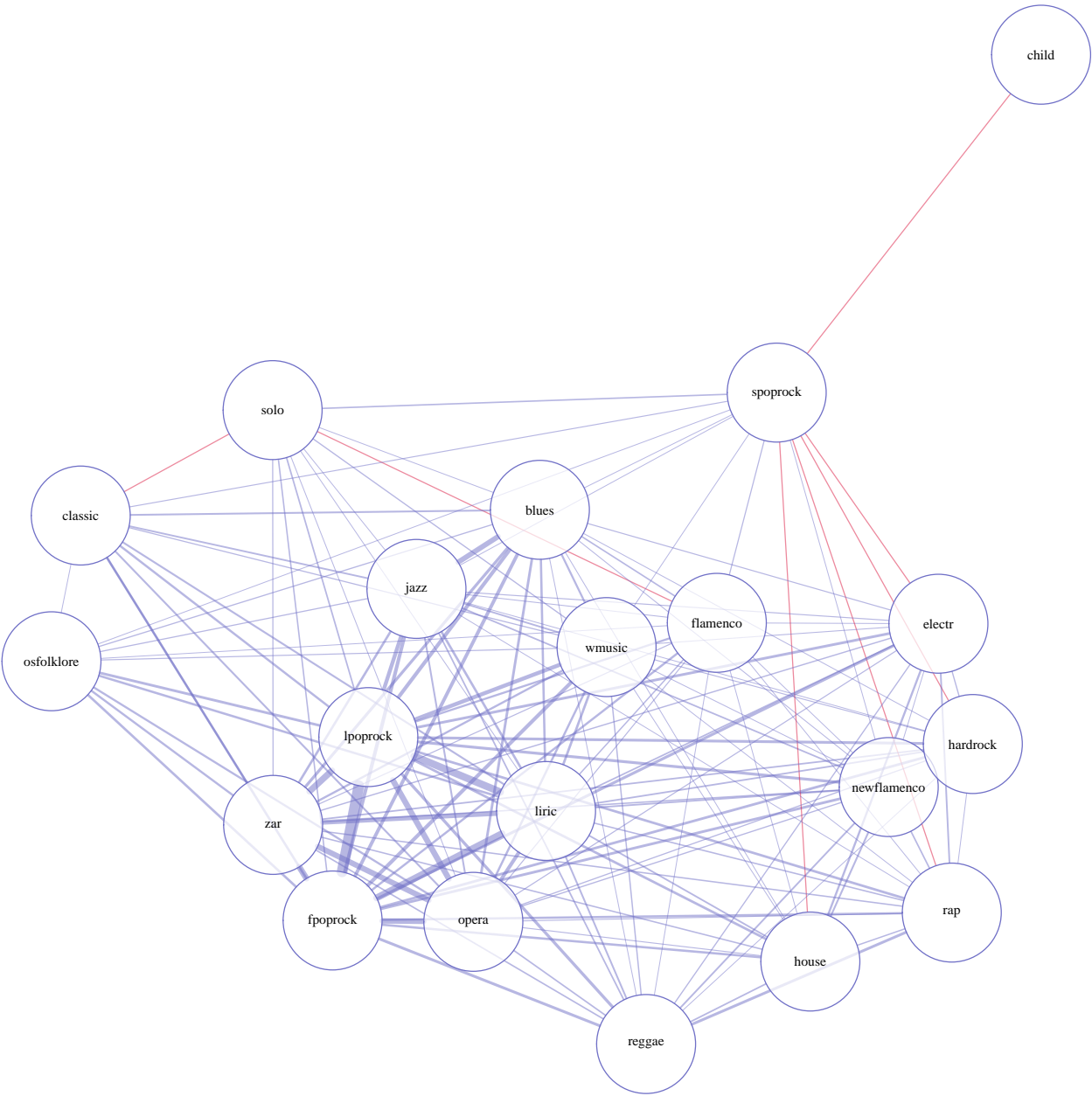
## Module #3



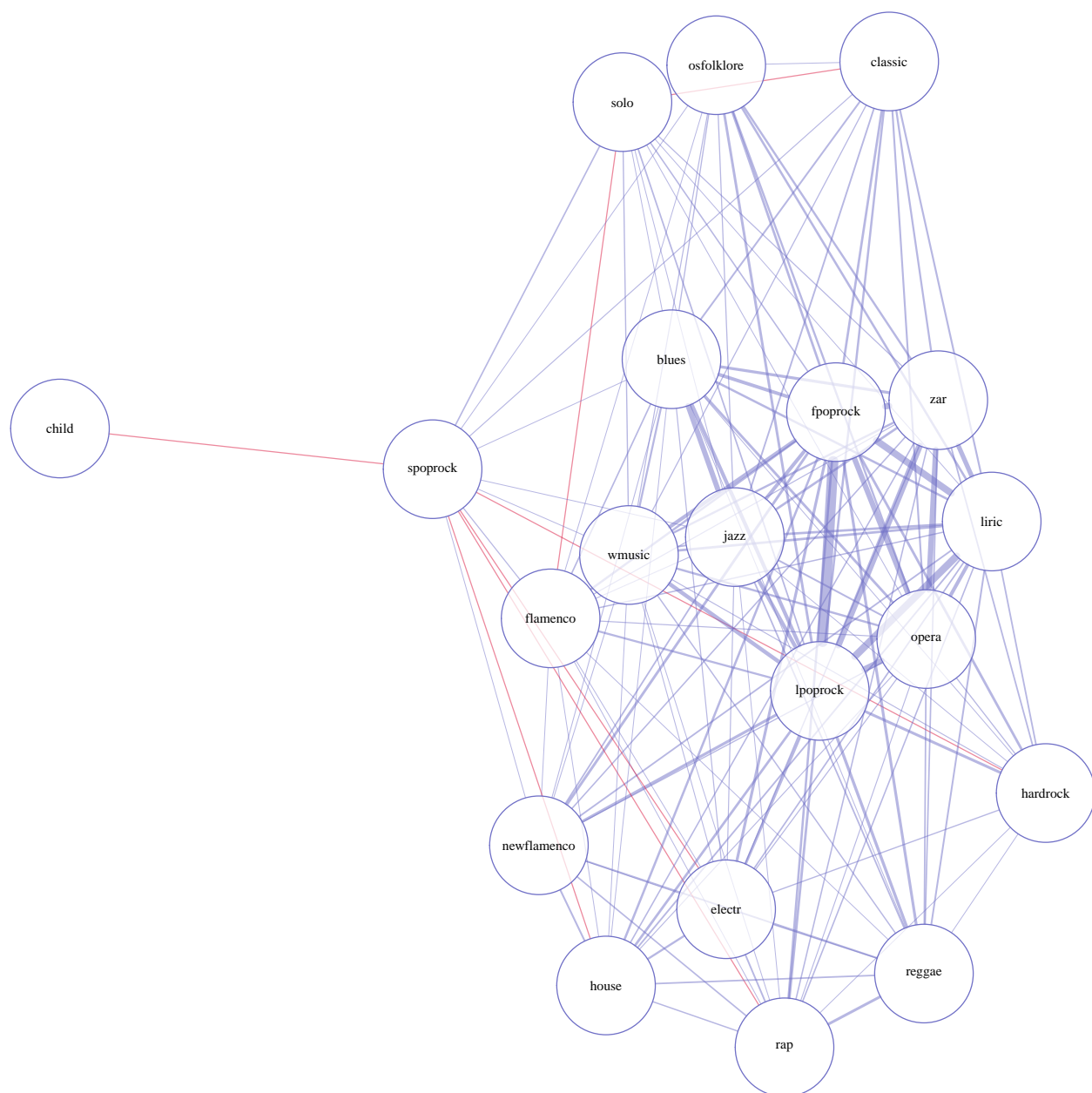
## Module #3



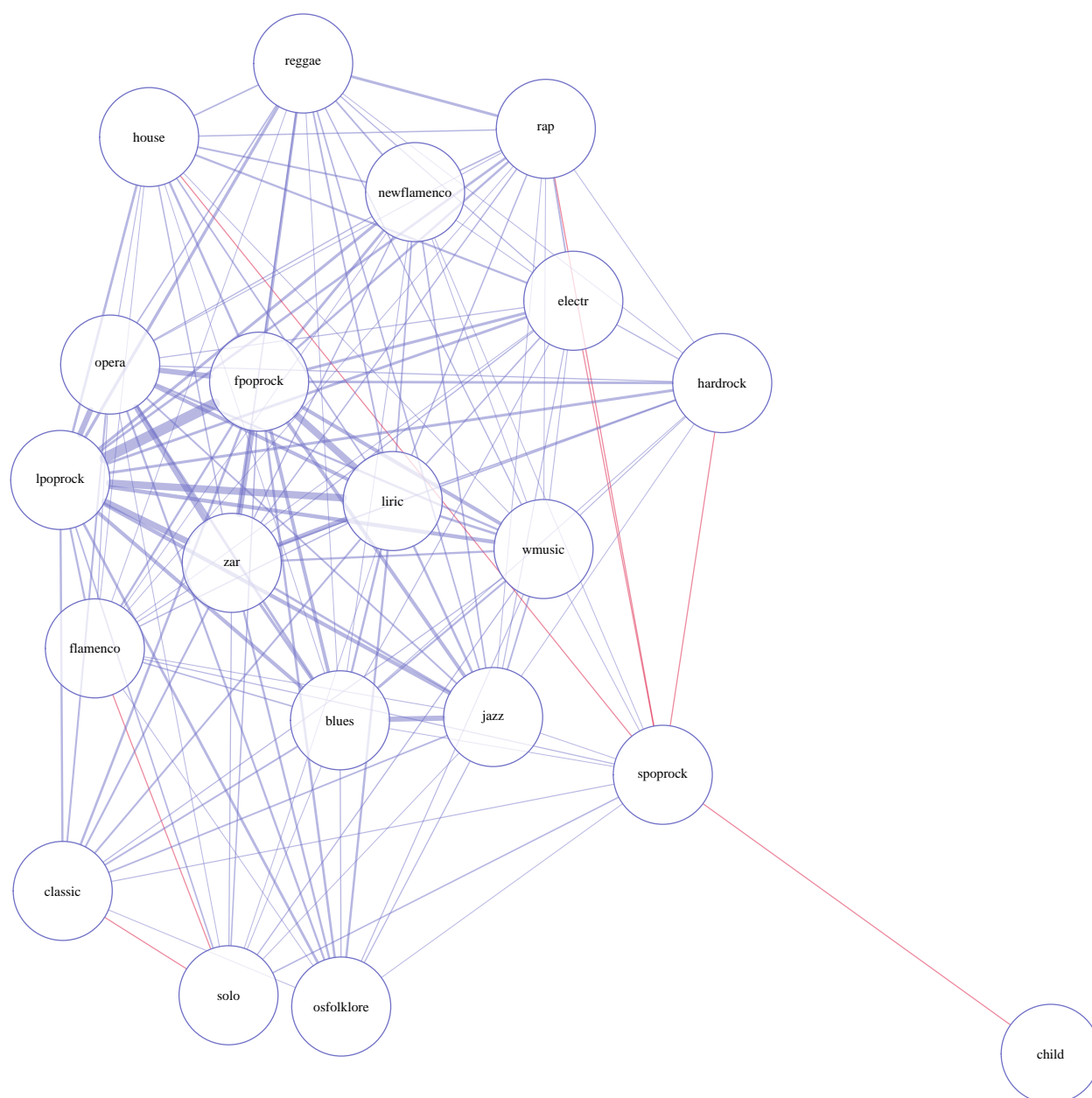
Module #3



### Module #3

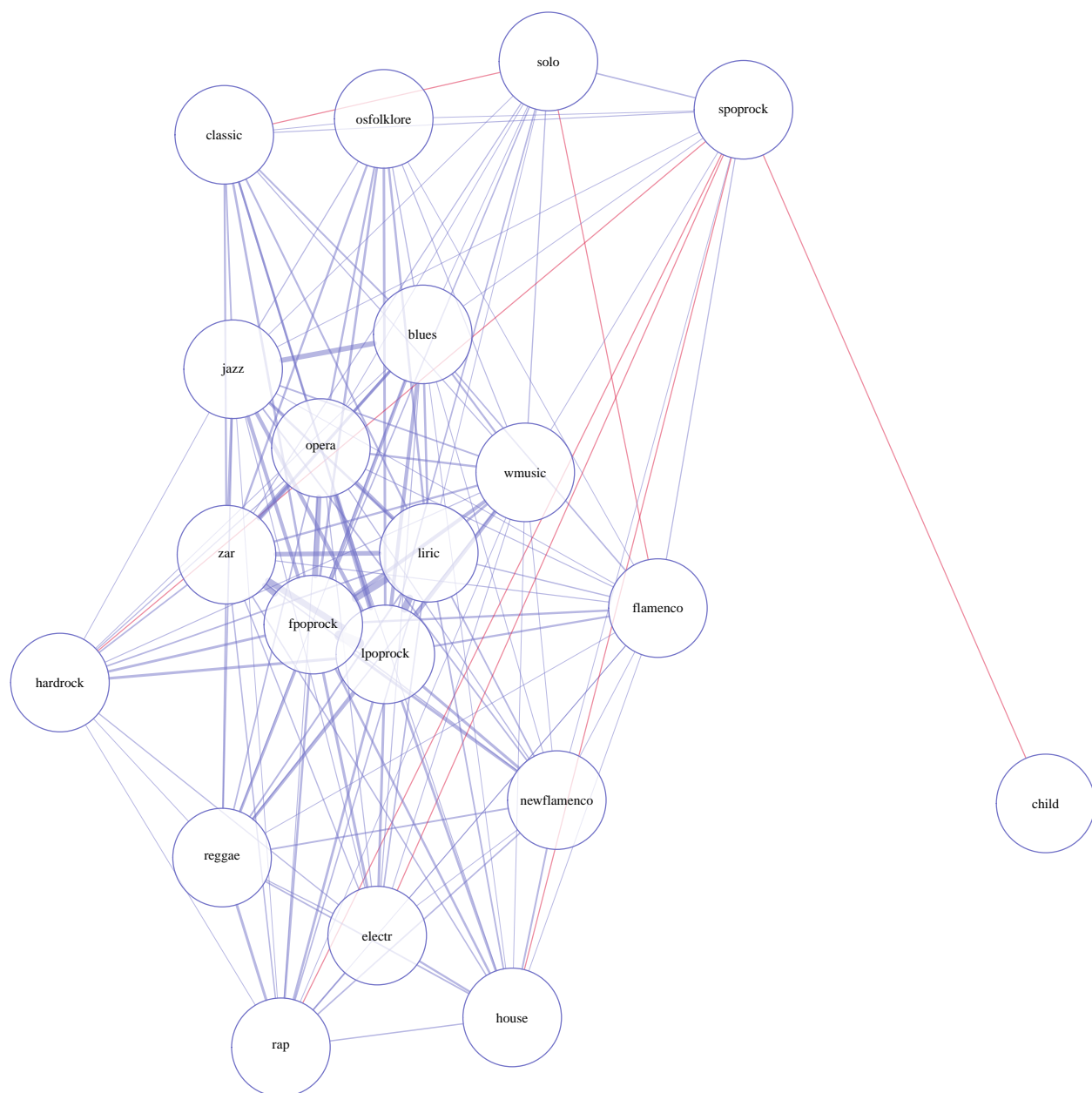


## Module #3

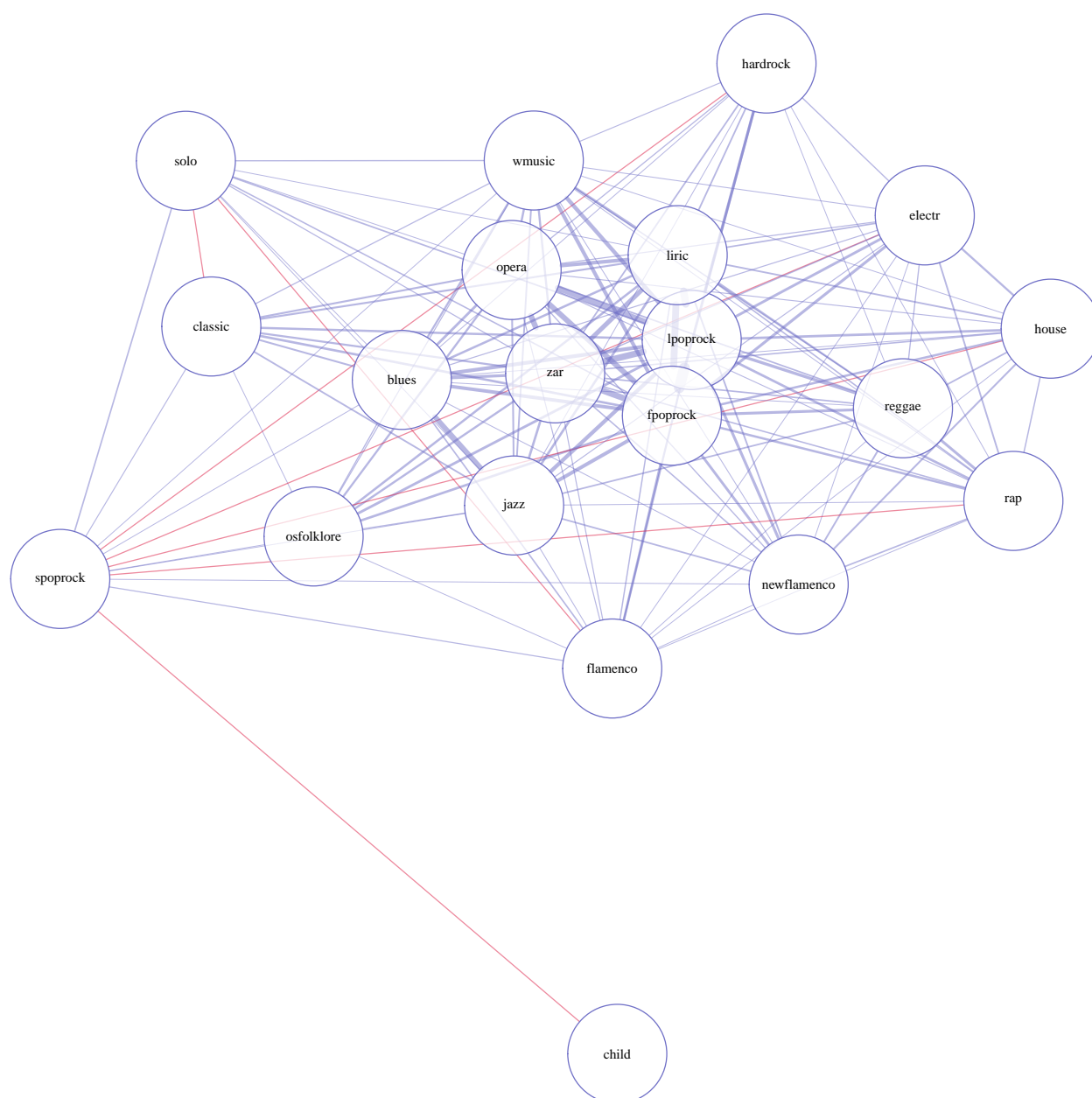


### 1.2.3.3 Module 3 - Fruchtername Reingold Layout - Color - Drop Neg Ties for Layout

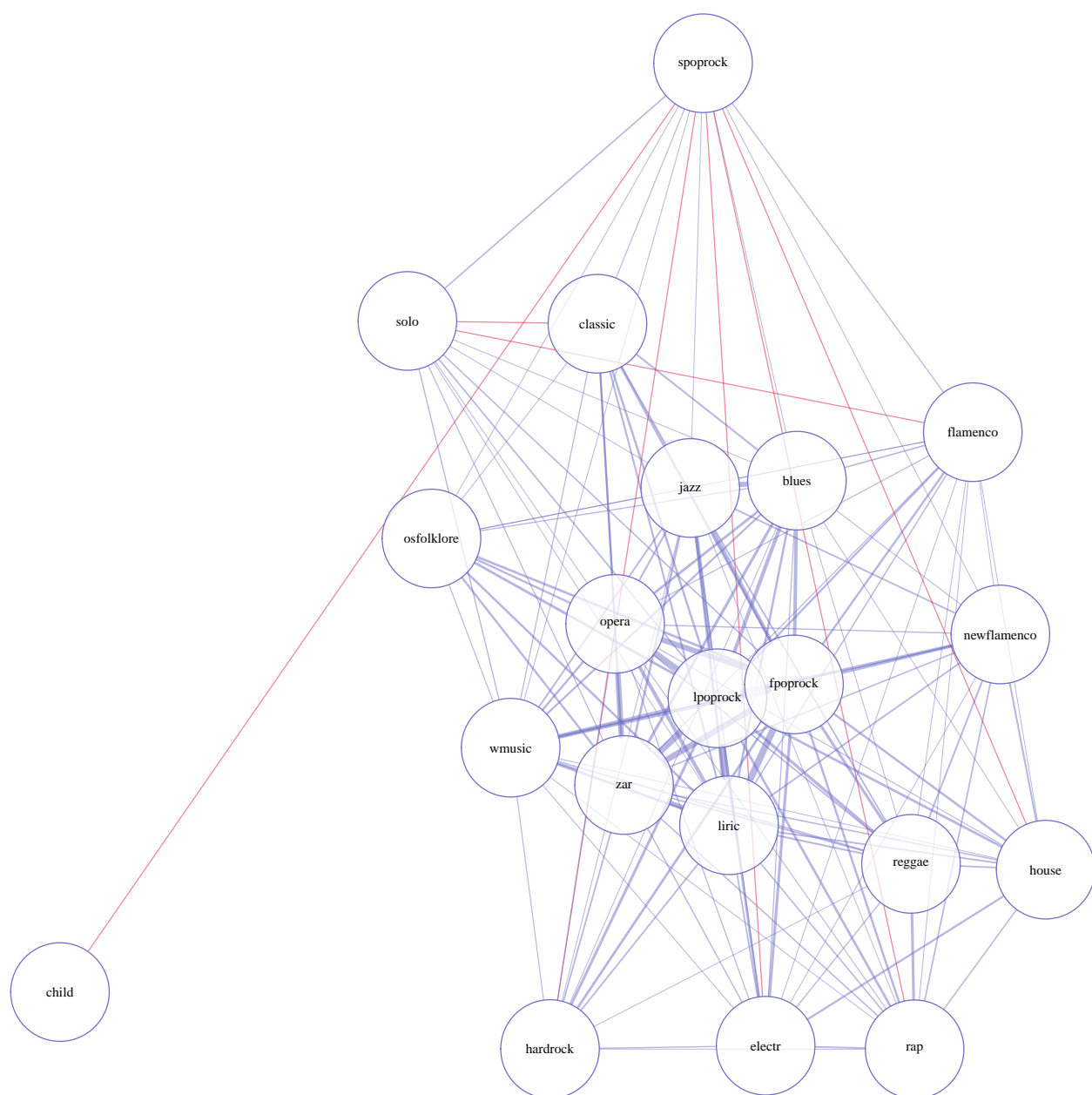
### Module #3



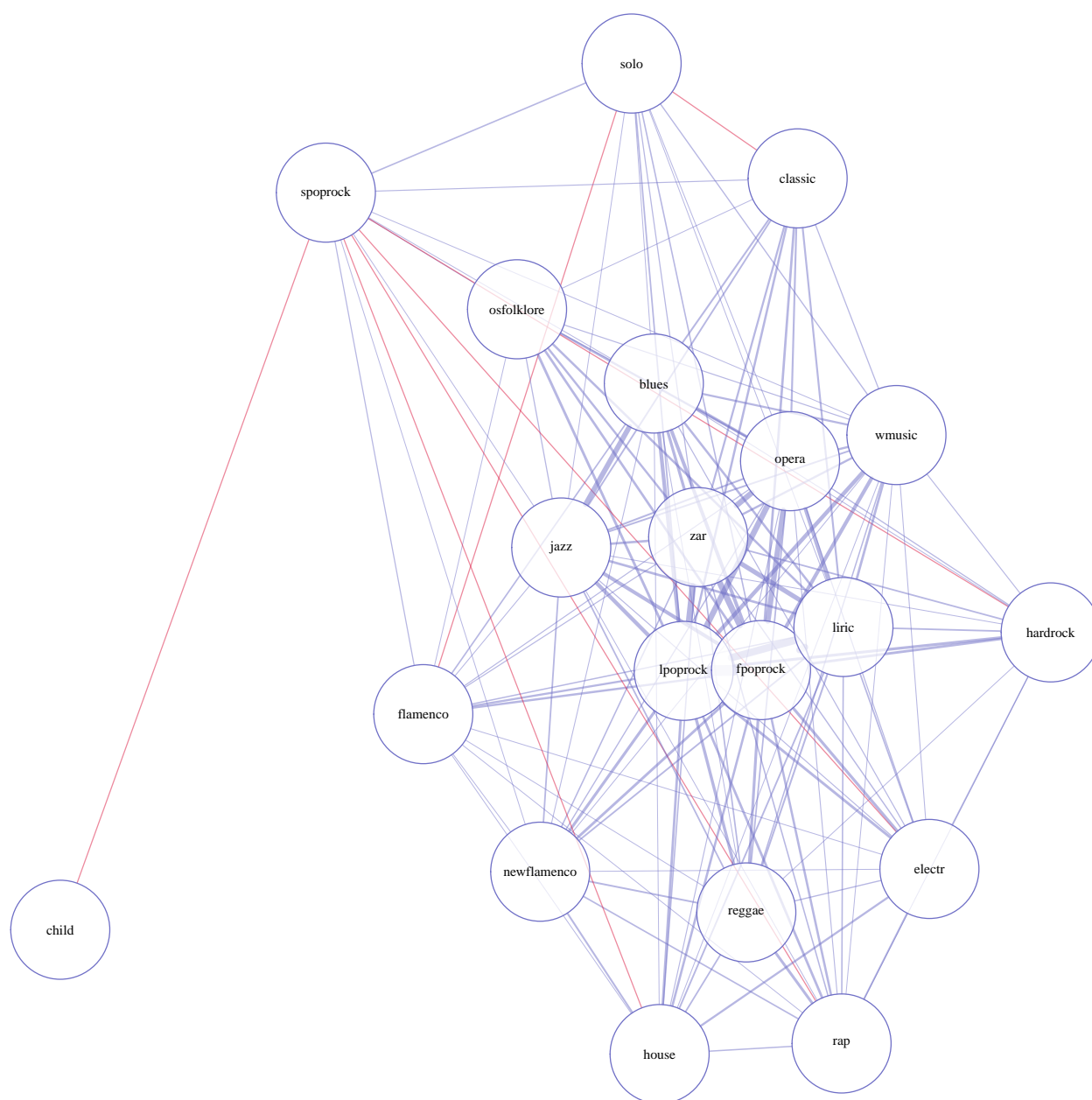
### Module #3



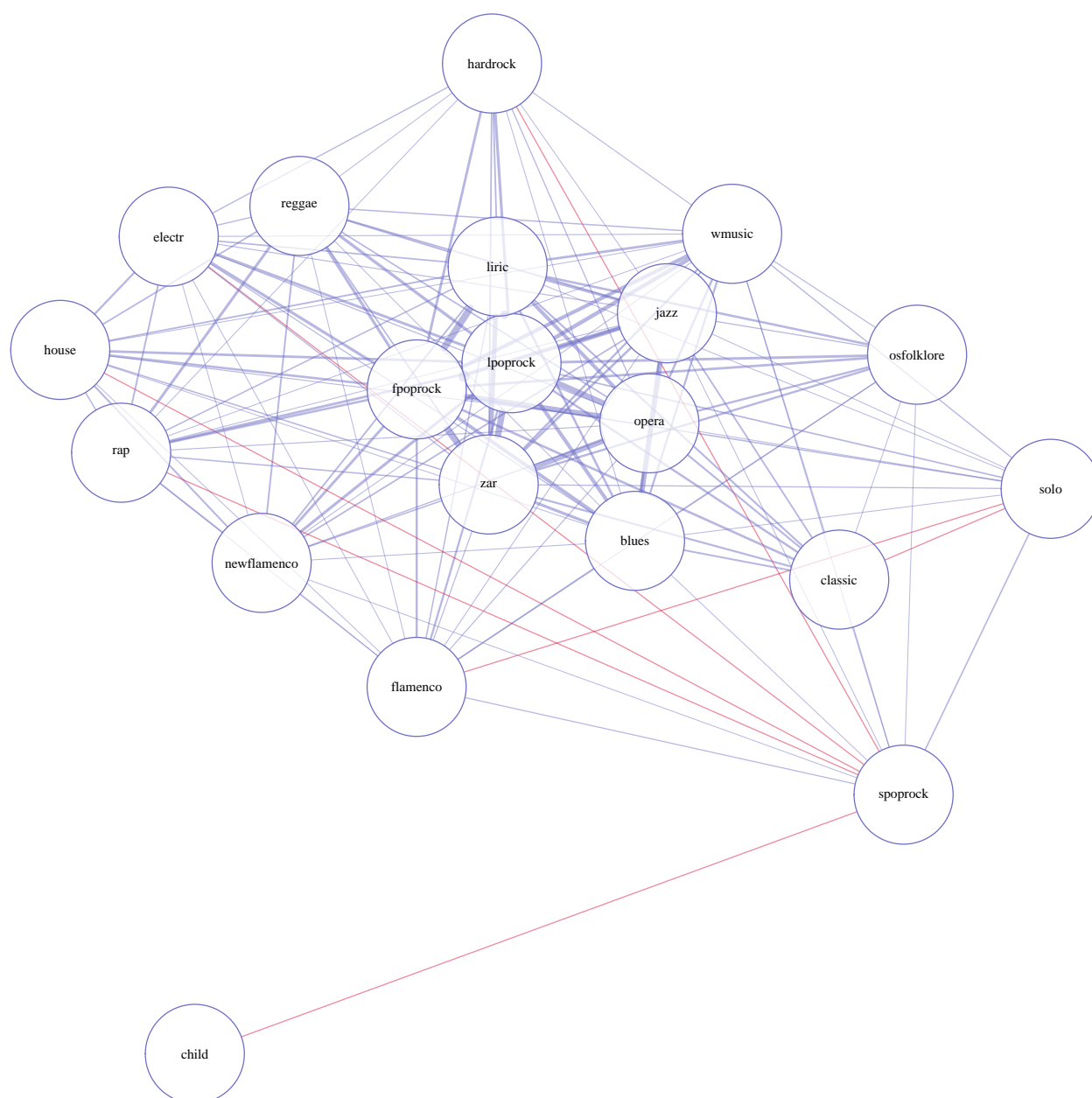
### Module #3



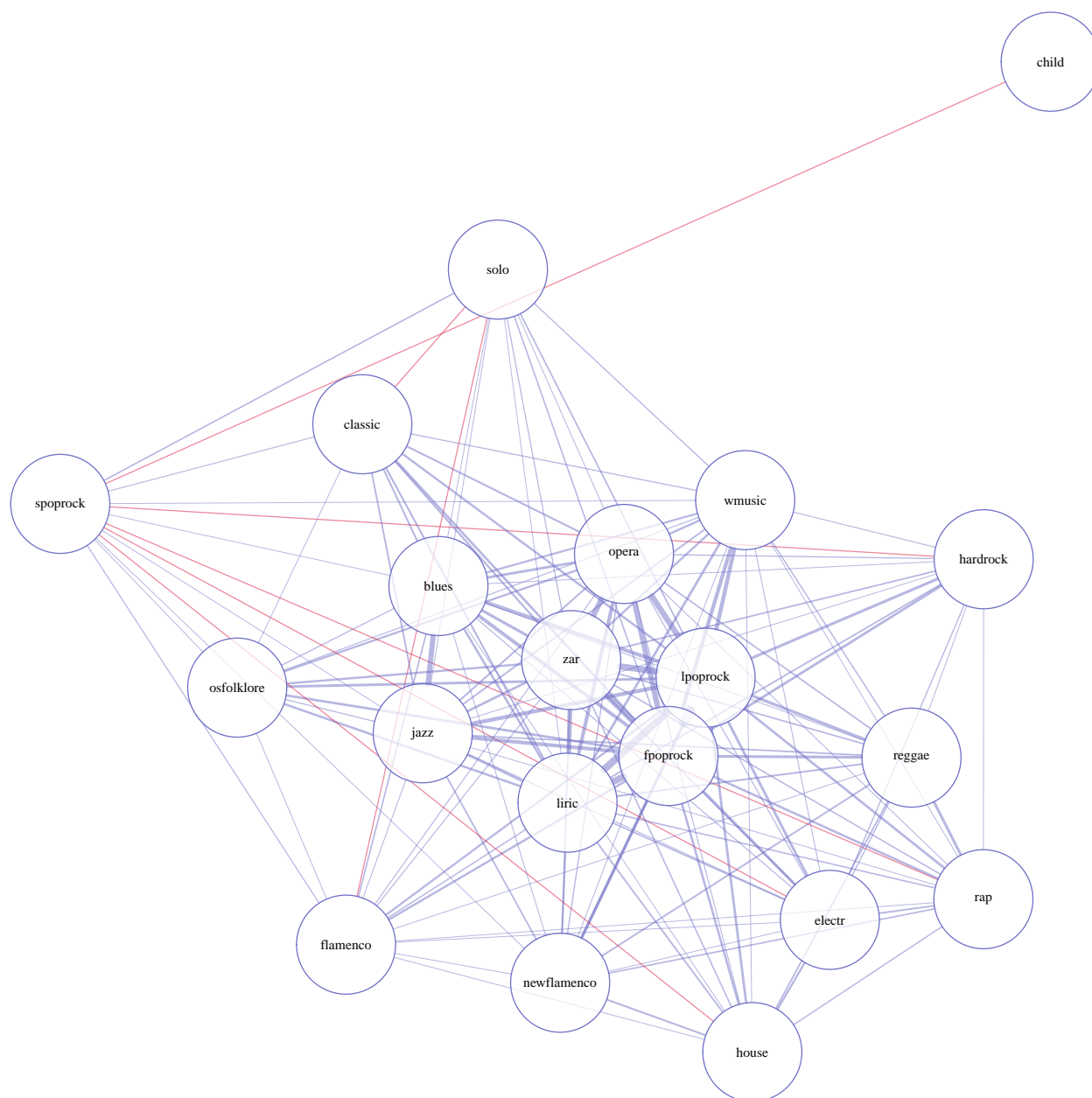
### Module #3



## Module #3



## Module #3



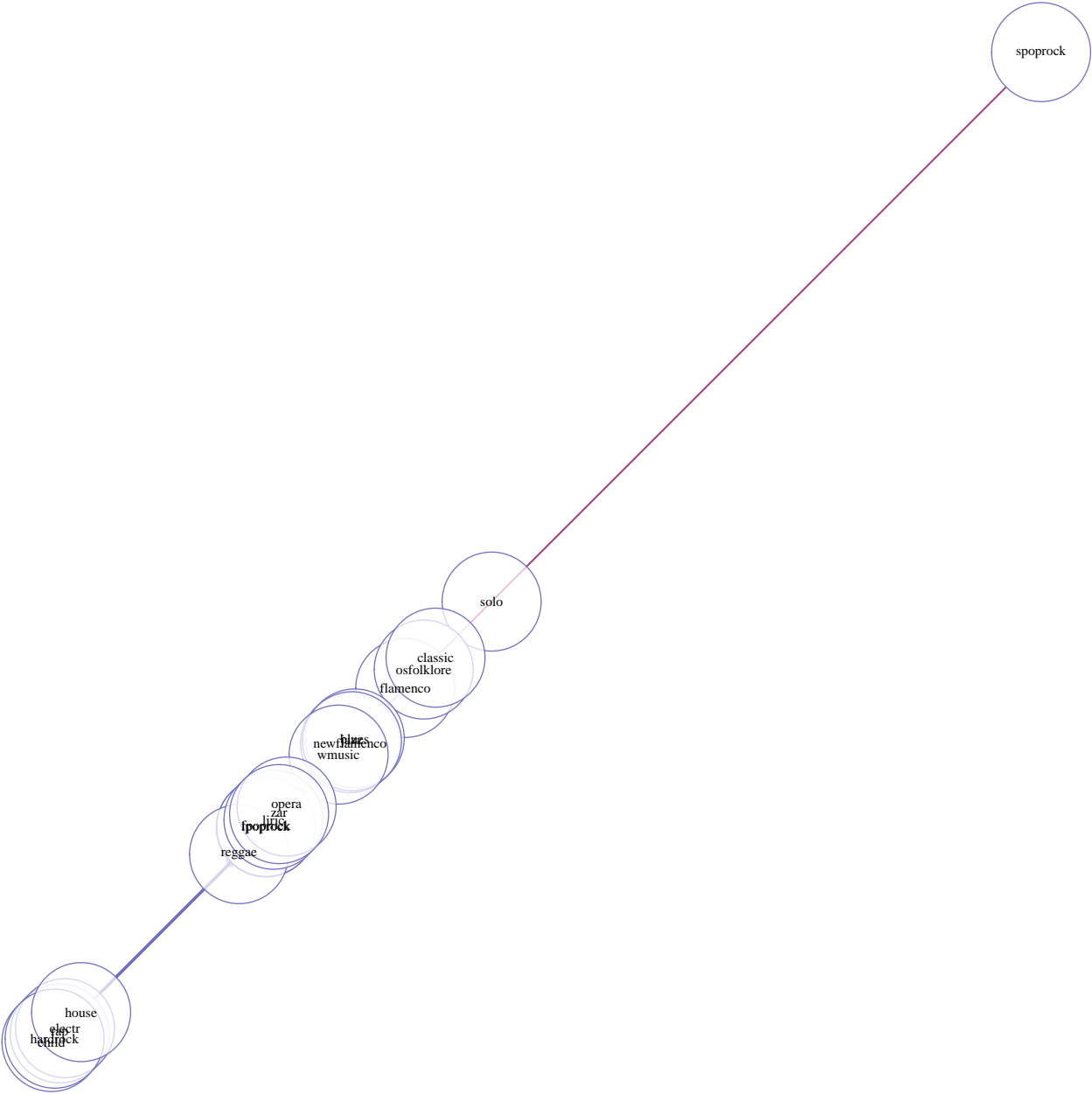
#### 1.2.3.4 Module 3 - Fruchtername Reingold Layout - Color

## 2 RCA

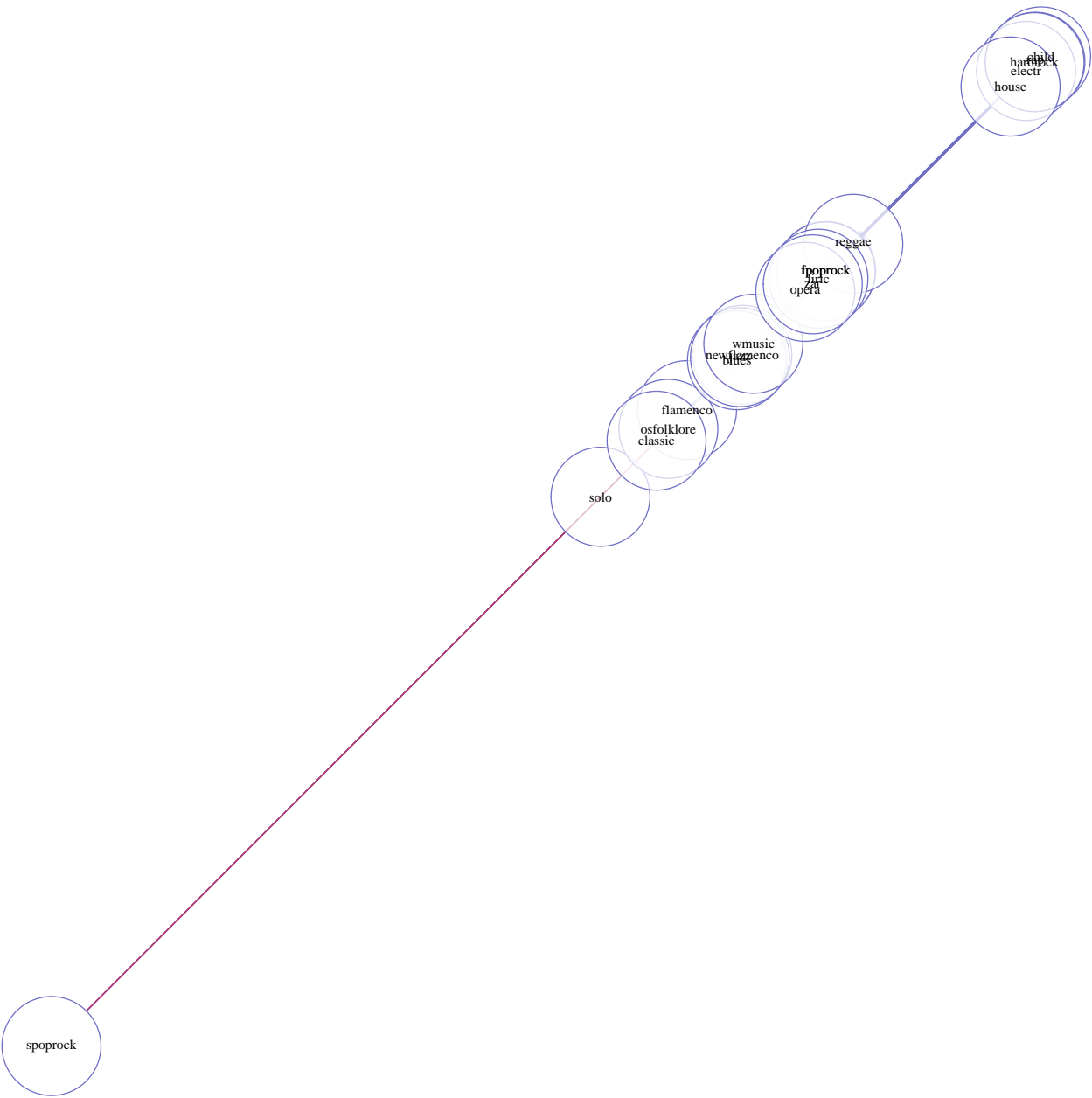
### 2.1 RCA $P = 0.05$

	Length	Class	Mode
member	14822	-none-	numeric
mod	1	-none-	numeric
merge	56	-none-	numeric

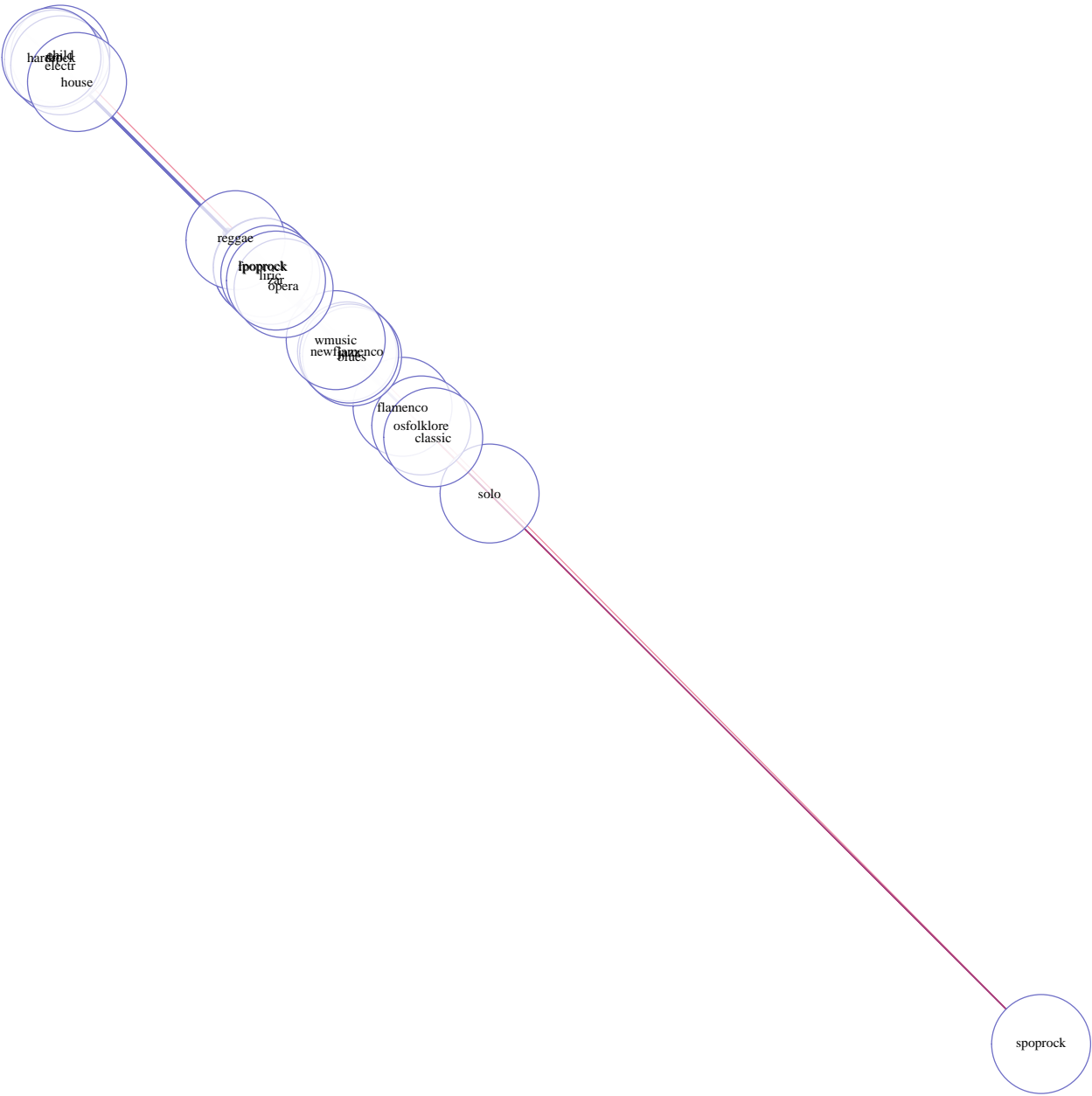
Module #3



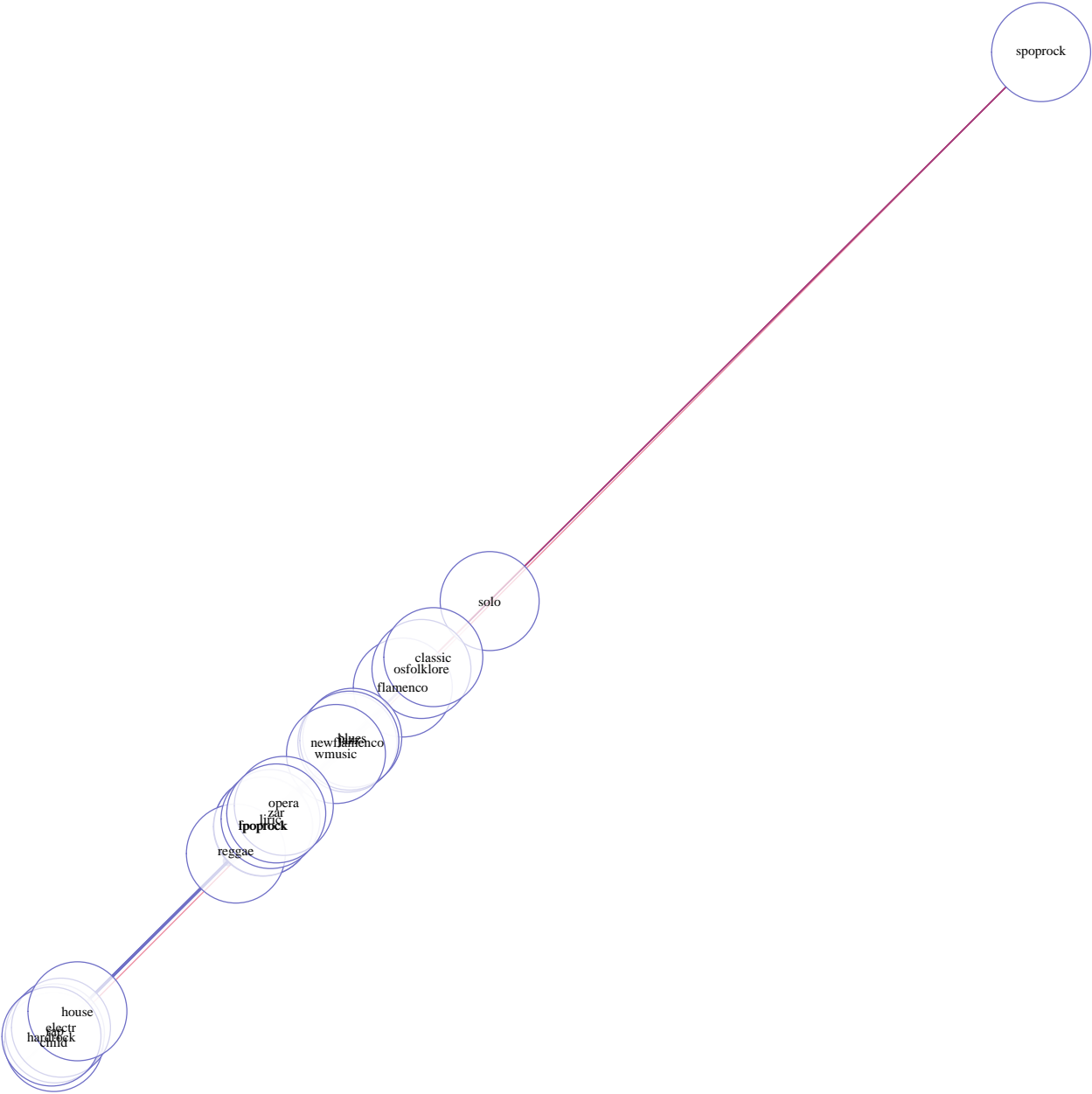
Module #3



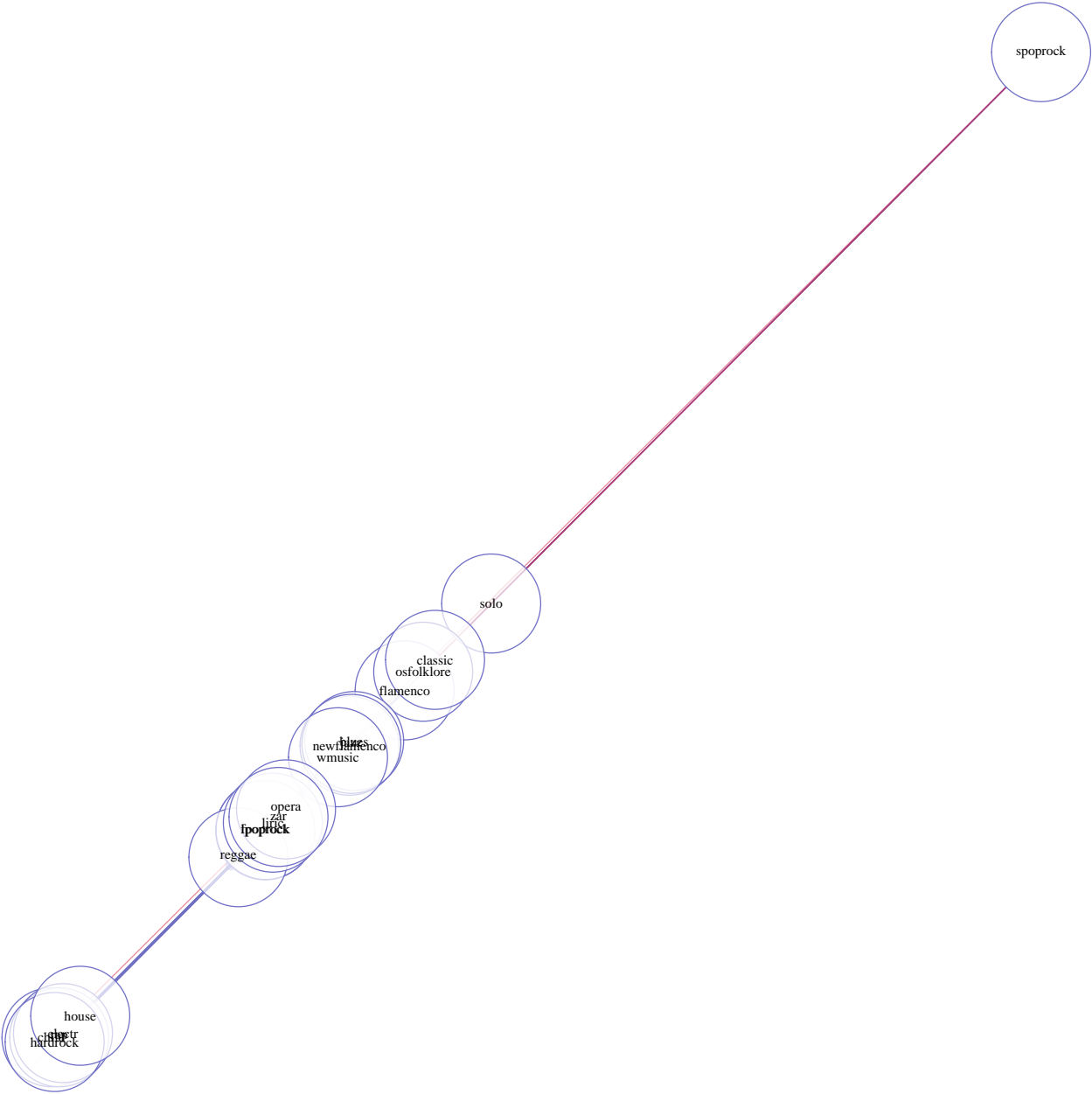
Module #3



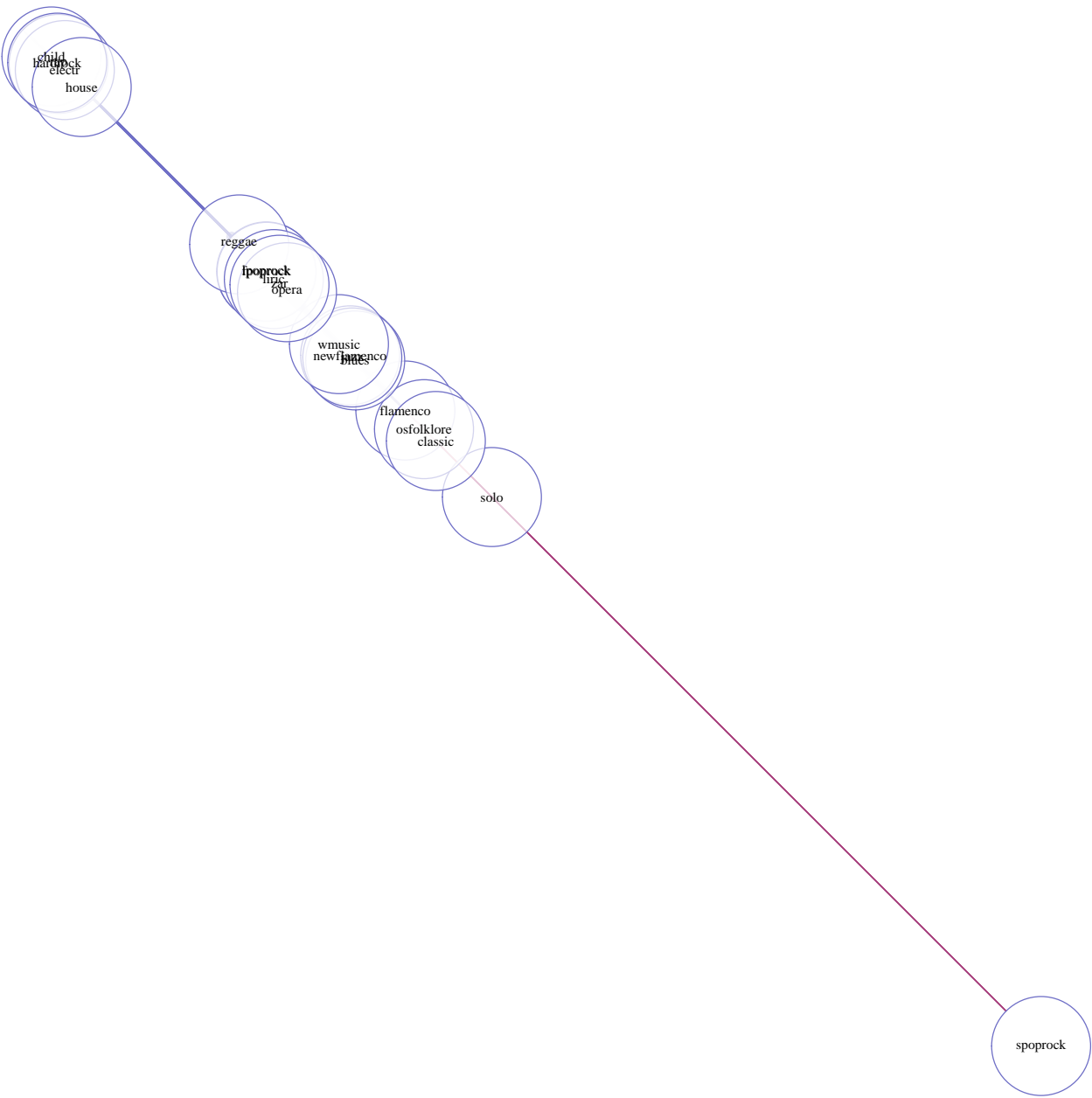
Module #3



Module #3



Module #3



## 2.2 RCA $P = 0.075$

	Length	Class	Mode
member	14822	-none-	numeric
mod	1	-none-	numeric
merge	52	-none-	numeric

### 2.3 RCA P = 0.1

	Length	Class	Mode
member	14822	-none-	numeric
mod	1	-none-	numeric
merge	54	-none-	numeric

## 2.4 RCA P = 0.25

	Length	Class	Mode
member	14822	-none-	numeric
mod	1	-none-	numeric
merge	4	-none-	numeric

## 2.5 RCA $P = 0.5$

	Length	Class	Mode
member	14822	-none-	numeric
mod	1	-none-	numeric
merge	2	-none-	numeric