



Chicken Chicken Chicken: Chicken Chicken

Doug Zongker
University of Washington



Chicken

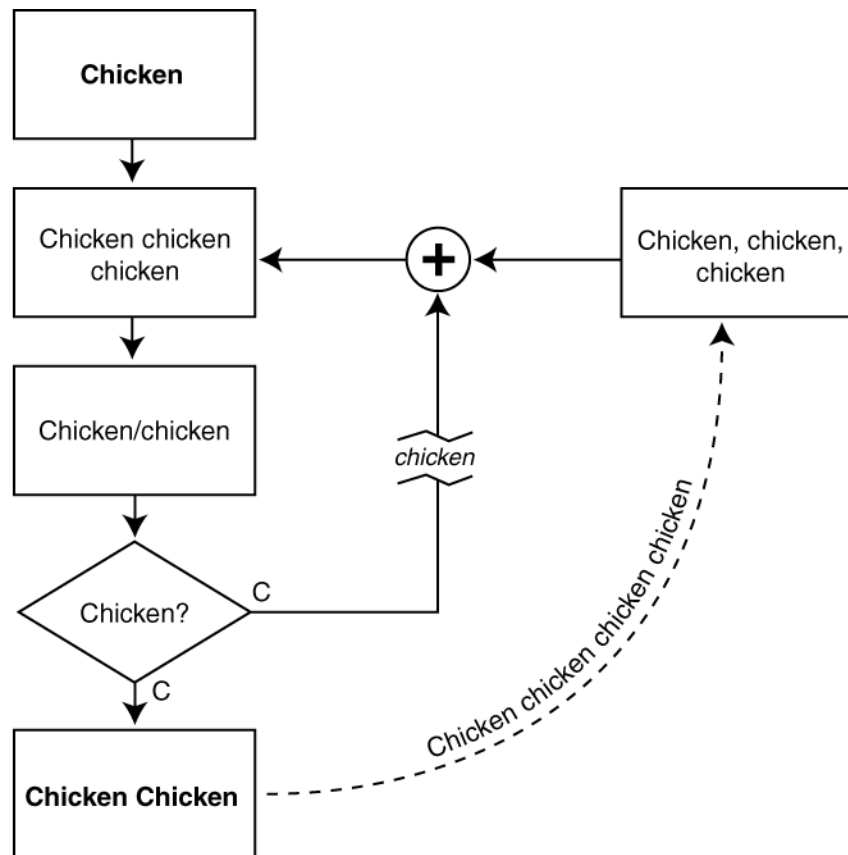
► **Chicken**

Chicken chicken

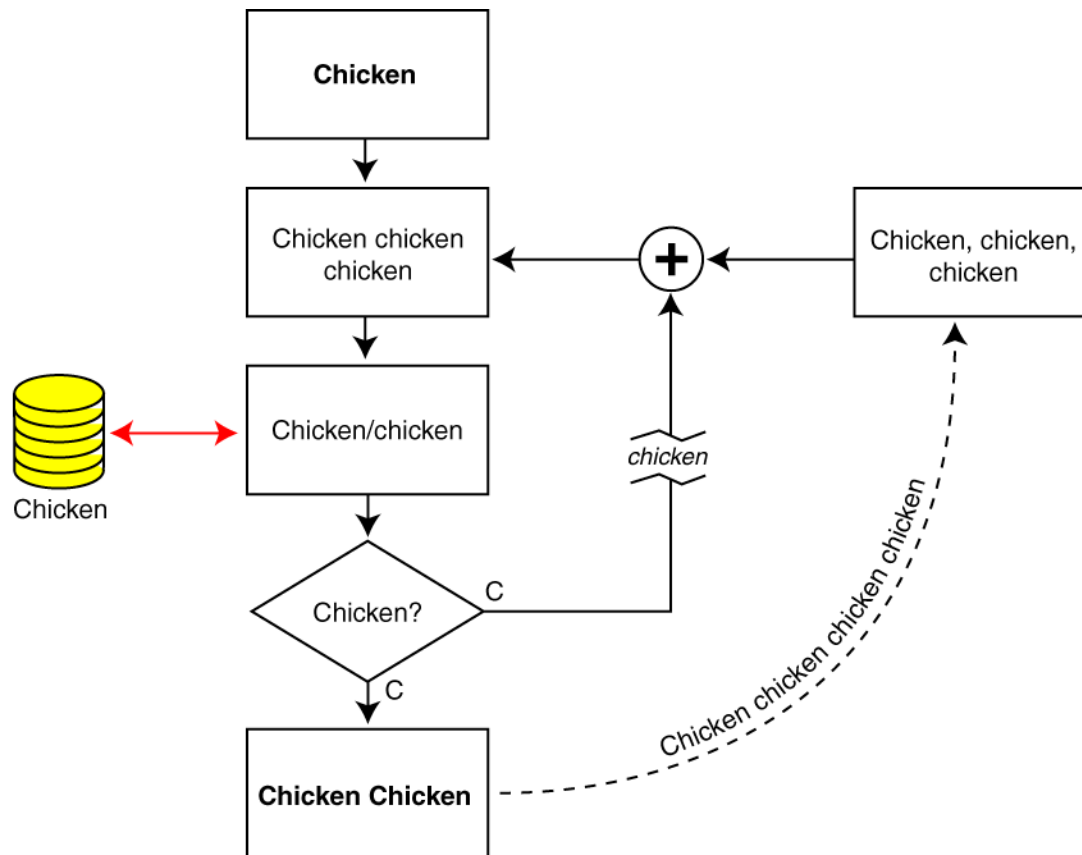
Chicken

Chicken chicken chicken

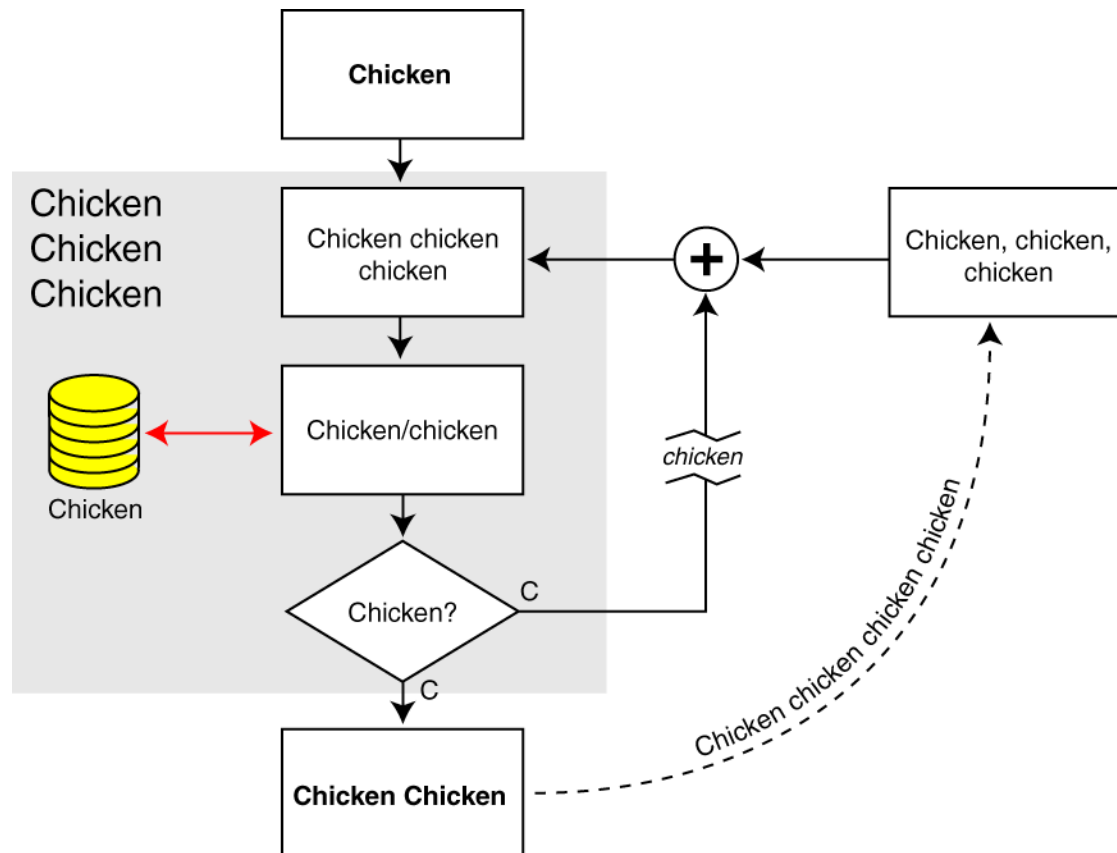
Chicken chicken



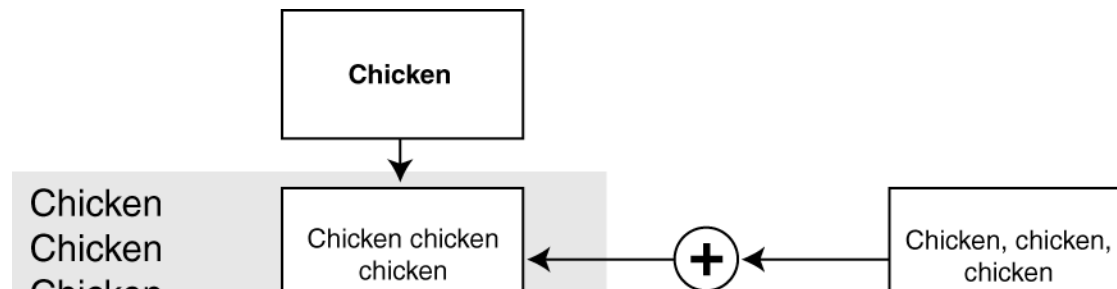
Chicken chicken



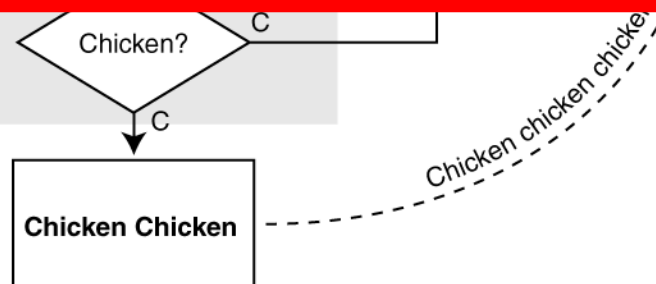
Chicken chicken



Chicken chicken



Chicken: **Chicken chicken**
chicken chickens chicken?





Chicken

Chicken

► **Chicken chicken**

Chicken

Chicken chicken chicken



Chicken chicken

- Chicken chicken/chickens
 - Chicken-chicken [Ch '95]
 - “Chickens” chickens [C&C '97a]
 - Chickens chickens chickens chickens [Ch '00]
- Chickens chickens chickens
 - Chickens/chickens [Ch '01]
 - Chicken [C. Ch '97b]



Chicken

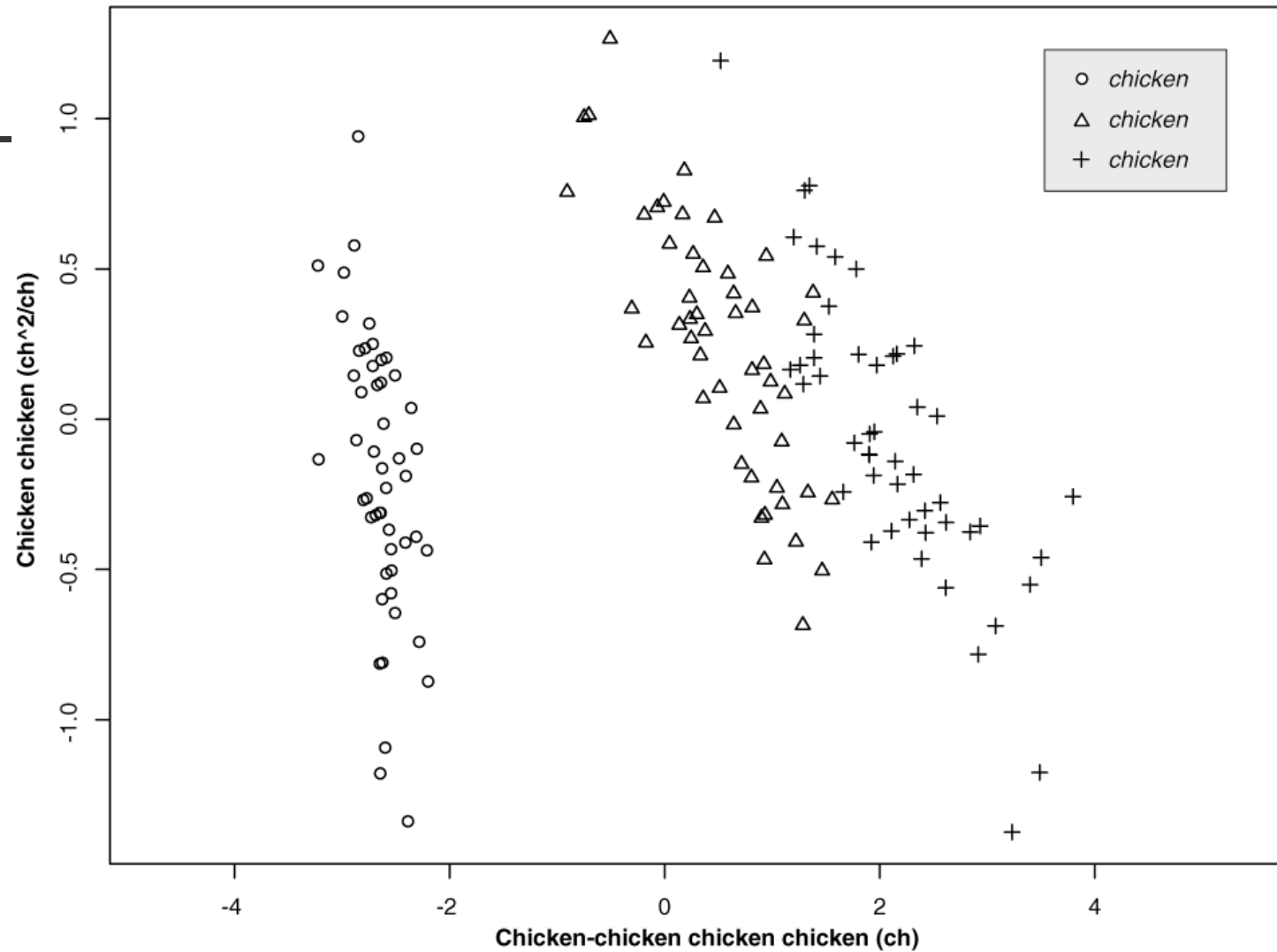
Chicken

Chicken chicken

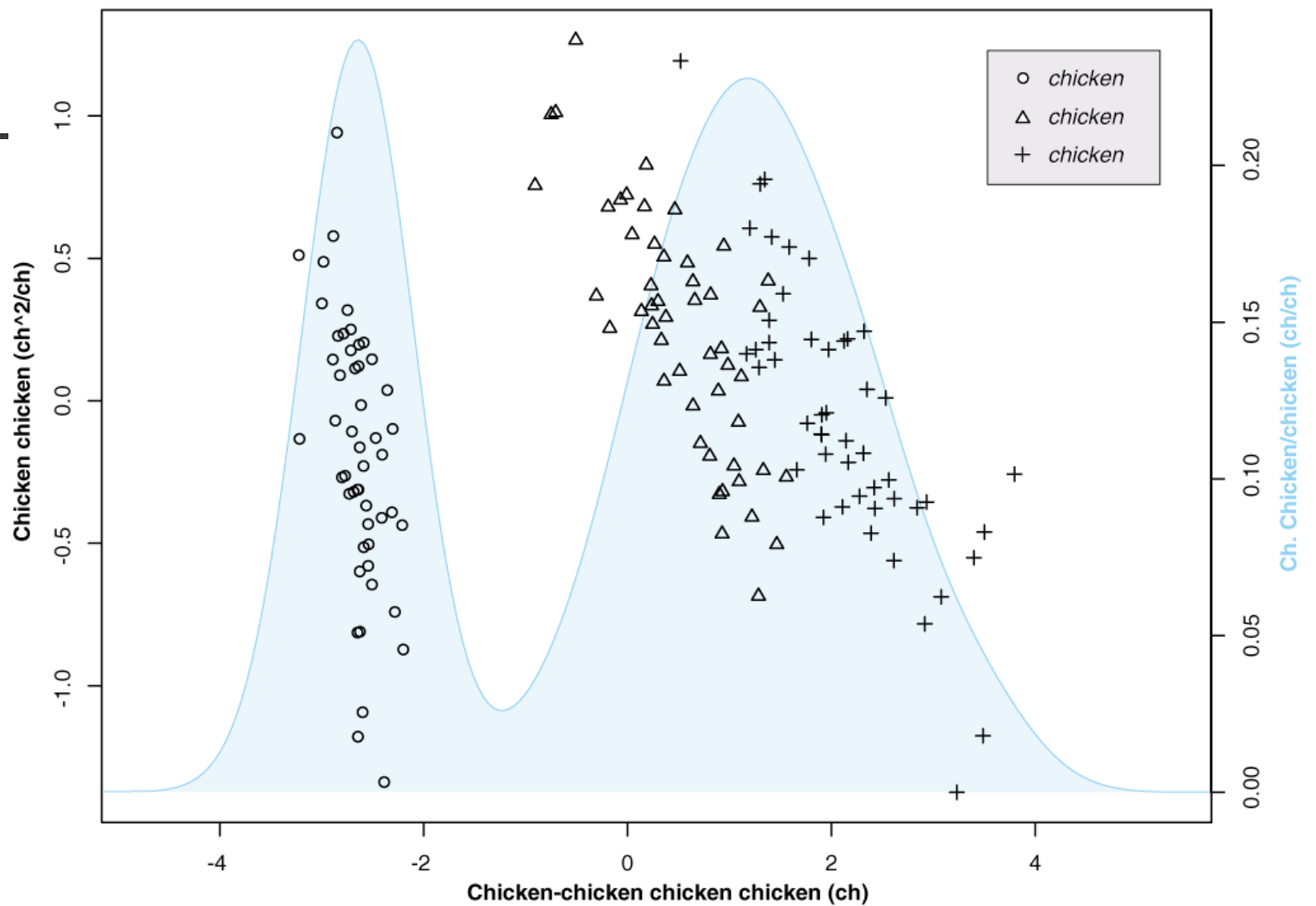
► **Chicken**

Chicken chicken chicken

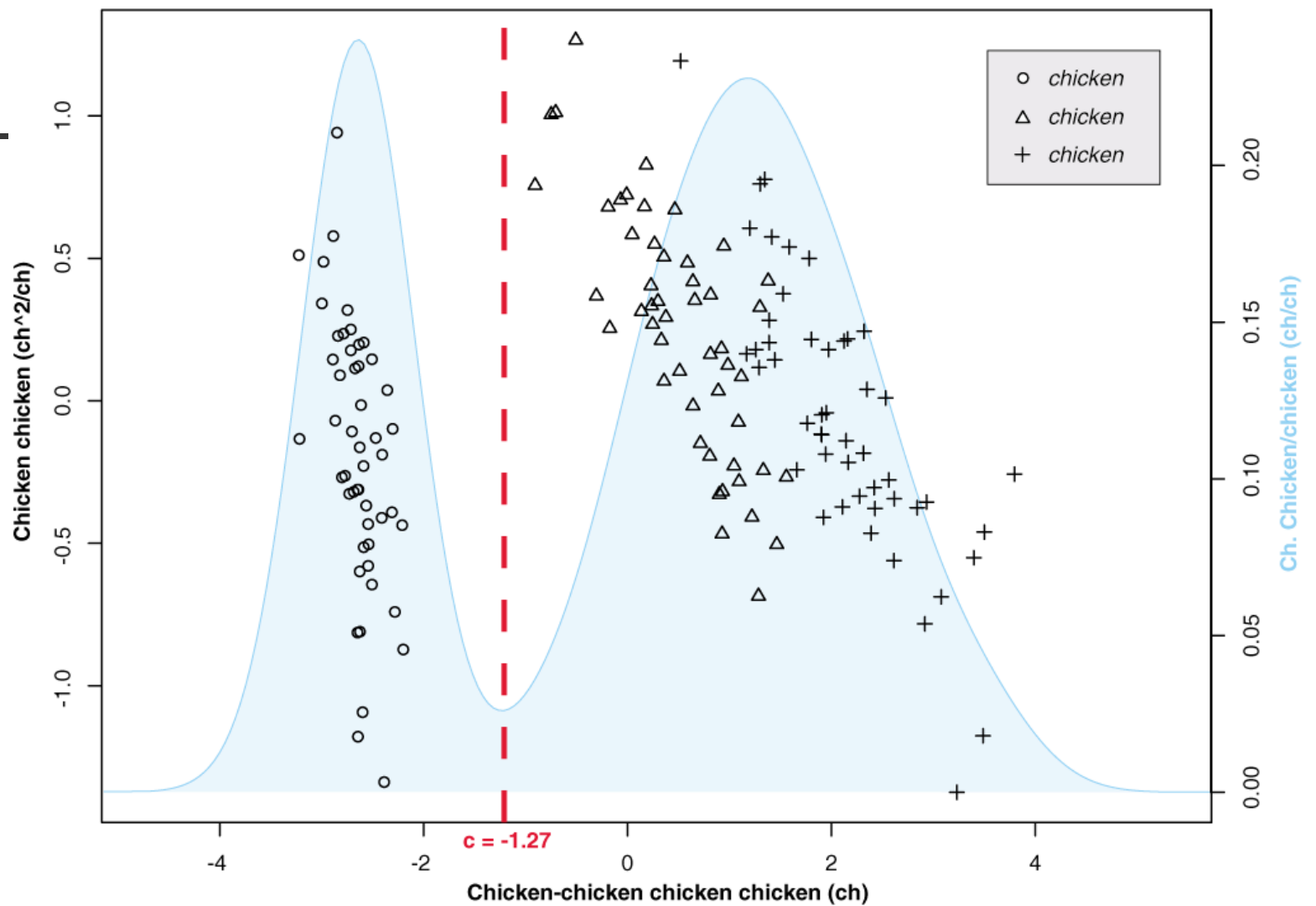
Chicken chicken chicken chicken/chicken (chicken)



Chicken chicken chicken chicken/chicken (chicken)



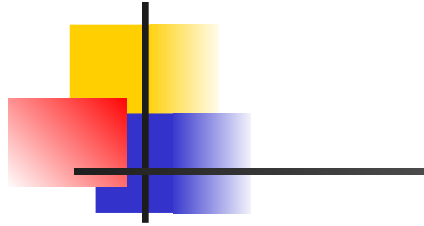
Chicken chicken chicken chicken/chicken (chicken)



Chicken chicken: {
chickens

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```





Chicken chicken: {
chickens

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

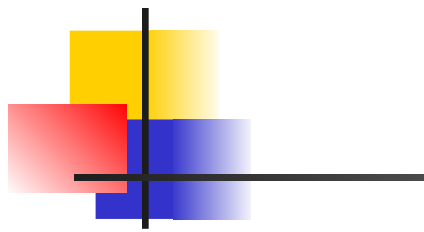
```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

chicken chicken

Chicken chicken
chickens: {
chicken, chicken

```
ch $c0  
c $c3,4  
chk $c3  
ch $c1,$0  
ch $c2,$0  
...
```





Chicken chicken: {
chickens

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

chicken chicken

Chicken chicken
chickens: {
chicken, chicken

```
ch $c0  
c $c3,4  
chk $c3  
ch $c1,$0  
ch $c2,$0  
...
```

*chicken,
chickens*

chicken chicken/chicken



Chicken chicken: {
chickens

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

chicken chicken

Chicken chicken
chickens: {
chicken, chicken

```
ch $c0  
c $c3,4  
chk $c3  
ch $c1,$0  
ch $c2,$0  
...
```

*chicken,
chickens*

chicken chicken/chicken

<i>chickens</i>	<i>chickens, chickens</i>	<i>chickens, chickens, chickens</i>
-----------------	-------------------------------	---



Chicken chicken: {
chickens

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

chicken chicken

Chicken chicken
chickens: {
chicken, chicken

```
ch $c0  
c $c3,4  
chk $c3  
ch $c1,$0  
ch $c2,$0  
...
```

*chicken,
chickens*

chicken chicken/chicken

<i>chickens</i>	<i>chickens, chickens</i>	<i>chickens, chickens, chickens</i>
-----------------	-------------------------------	---

Chicken chicken: {
chickens

```
01101  
10011  
00101  
11011
```

```
01101  
10011  
00101  
11011
```

```
01101  
10011  
00101  
11011
```



Chicken chicken: {
chickens

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

chicken chicken

Chicken chicken
chickens: {
chicken, chicken

```
ch $c0  
c $c3,4  
chk $c3  
ch $c1,$0  
ch $c2,$0  
...
```

*chicken,
chickens*

chicken chicken/chicken

<i>chickens</i>	<i>chickens, chickens</i>	<i>chickens, chickens, chickens</i>
-----------------	-------------------------------	---

Chicken chicken: {
chickens

```
01101  
10011  
00101  
11011
```

```
01101  
10011  
00101  
11011
```

```
01101  
10011  
00101  
11011
```

chicken
chicken chicken



Chicken chicken: {
chickens

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

```
chicken(  
  chicken  
  chicken  
)  
chicken  
chicken
```

chicken chicken

Chicken chicken
chickens: {
chicken, chicken

```
ch $c0  
c $c3,4  
chk $c3  
ch $c1,$0  
ch $c2,$0  
...
```

*chicken,
chickens*

chicken chicken/chicken

<i>chickens</i>	<i>chickens, chickens</i>	<i>chickens, chickens, chickens</i>
-----------------	-------------------------------	---

Chicken chicken: {
chickens

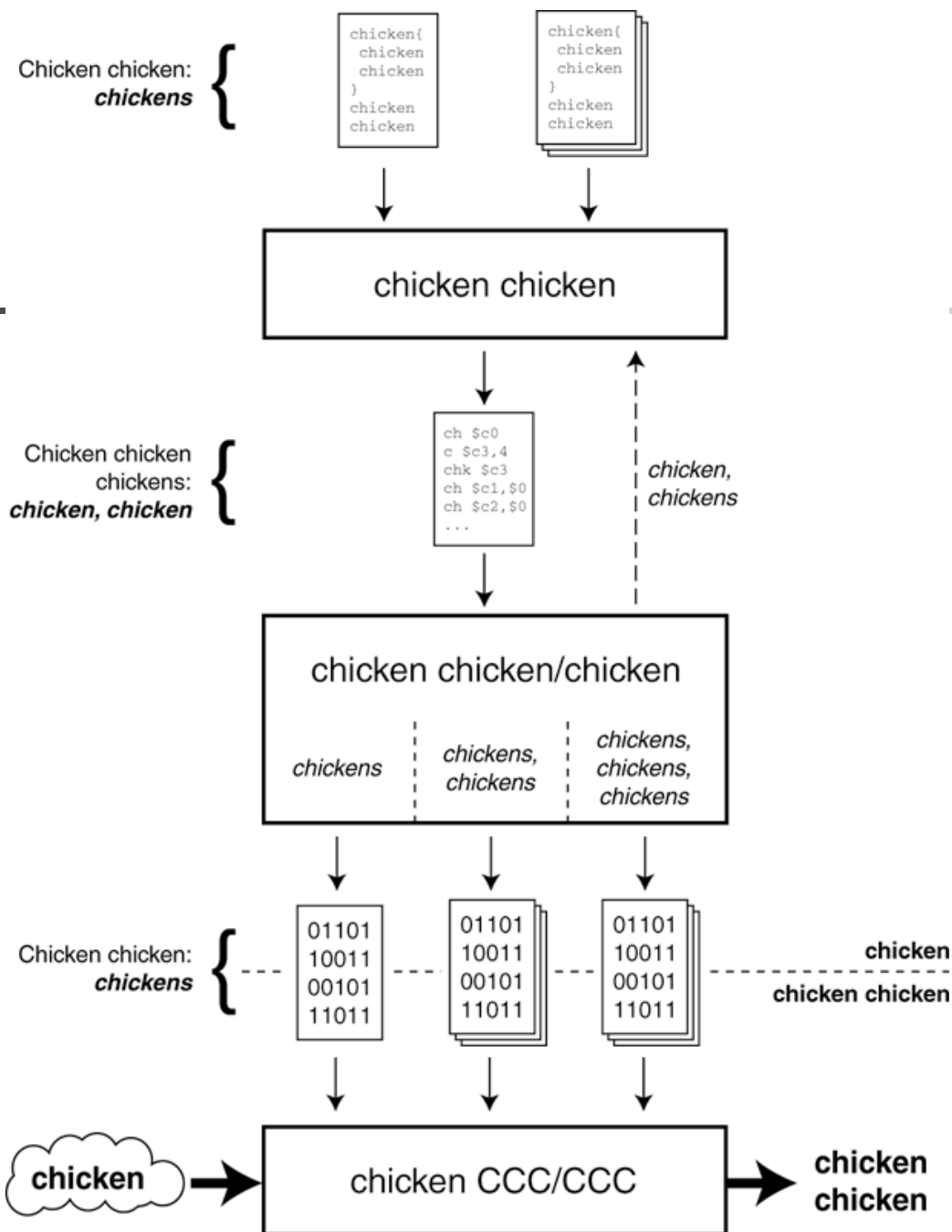
```
01101  
10011  
00101  
11011
```

```
01101  
10011  
00101  
11011
```

```
01101  
10011  
00101  
11011
```

*chicken
chicken chicken*

chicken CCC/CCC





Chicken

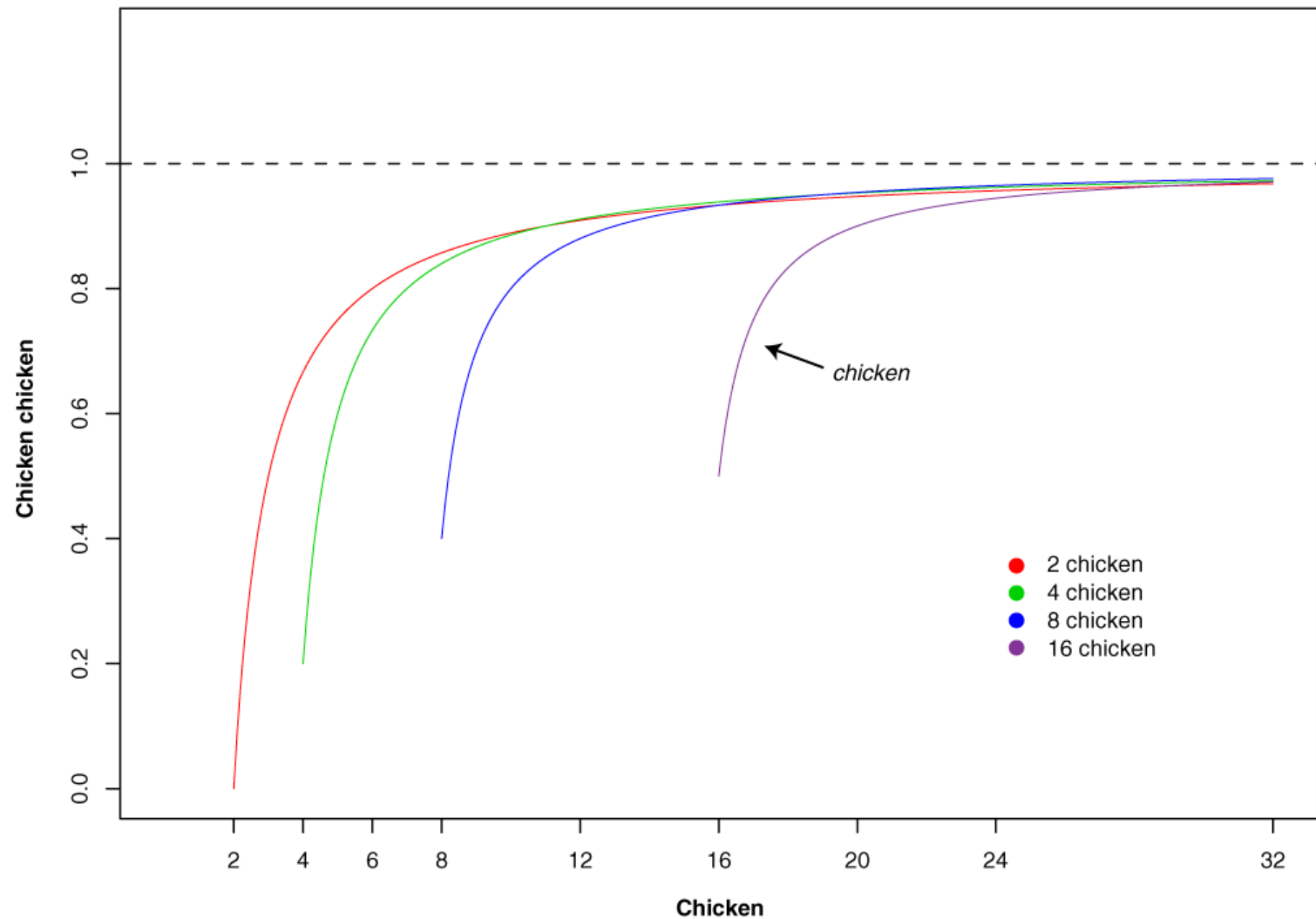
Chicken

Chicken chicken

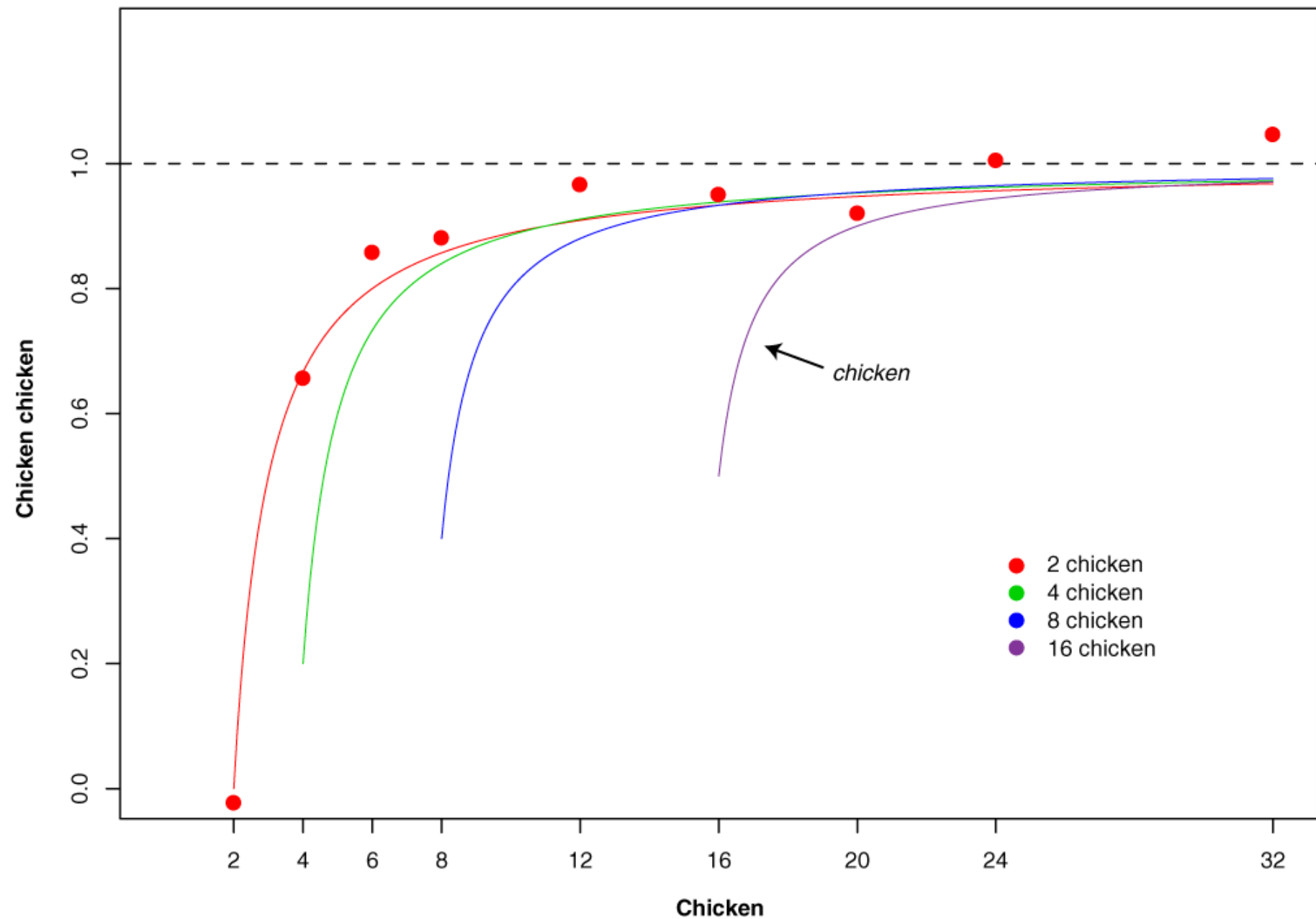
Chicken

► **Chicken chicken chicken**

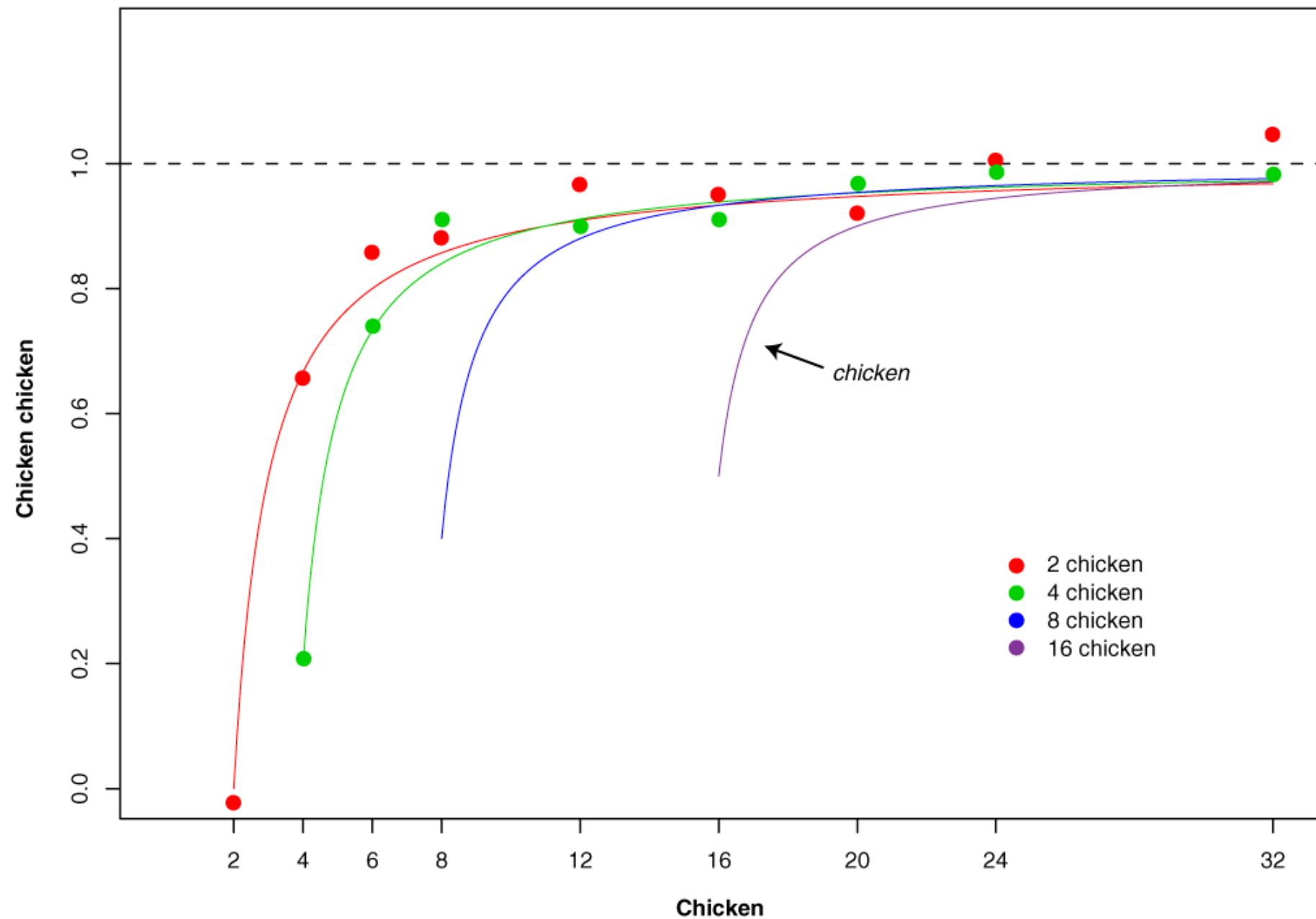
Chicken chicken chicken, chicken chicken



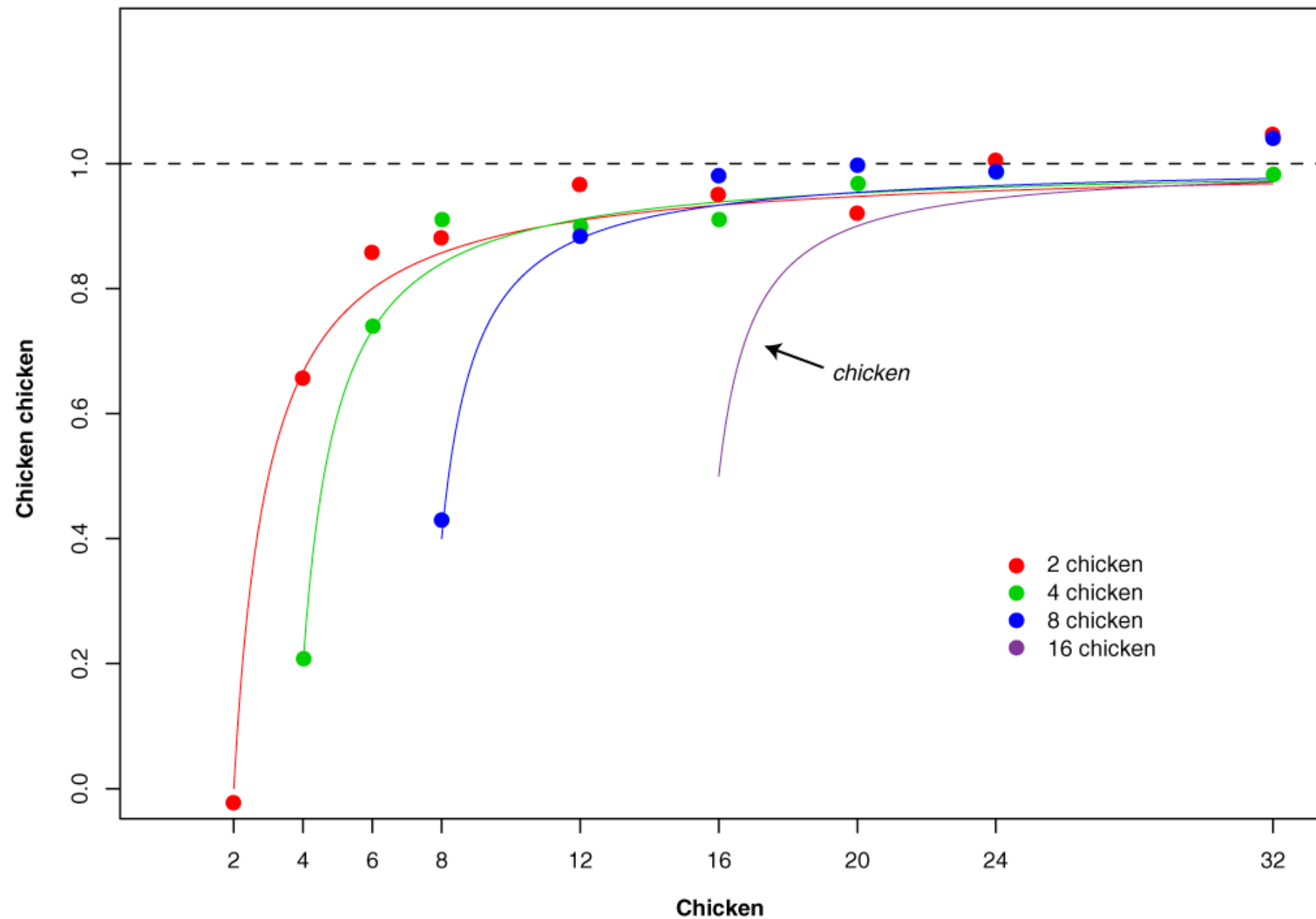
Chicken chicken chicken, chicken chicken



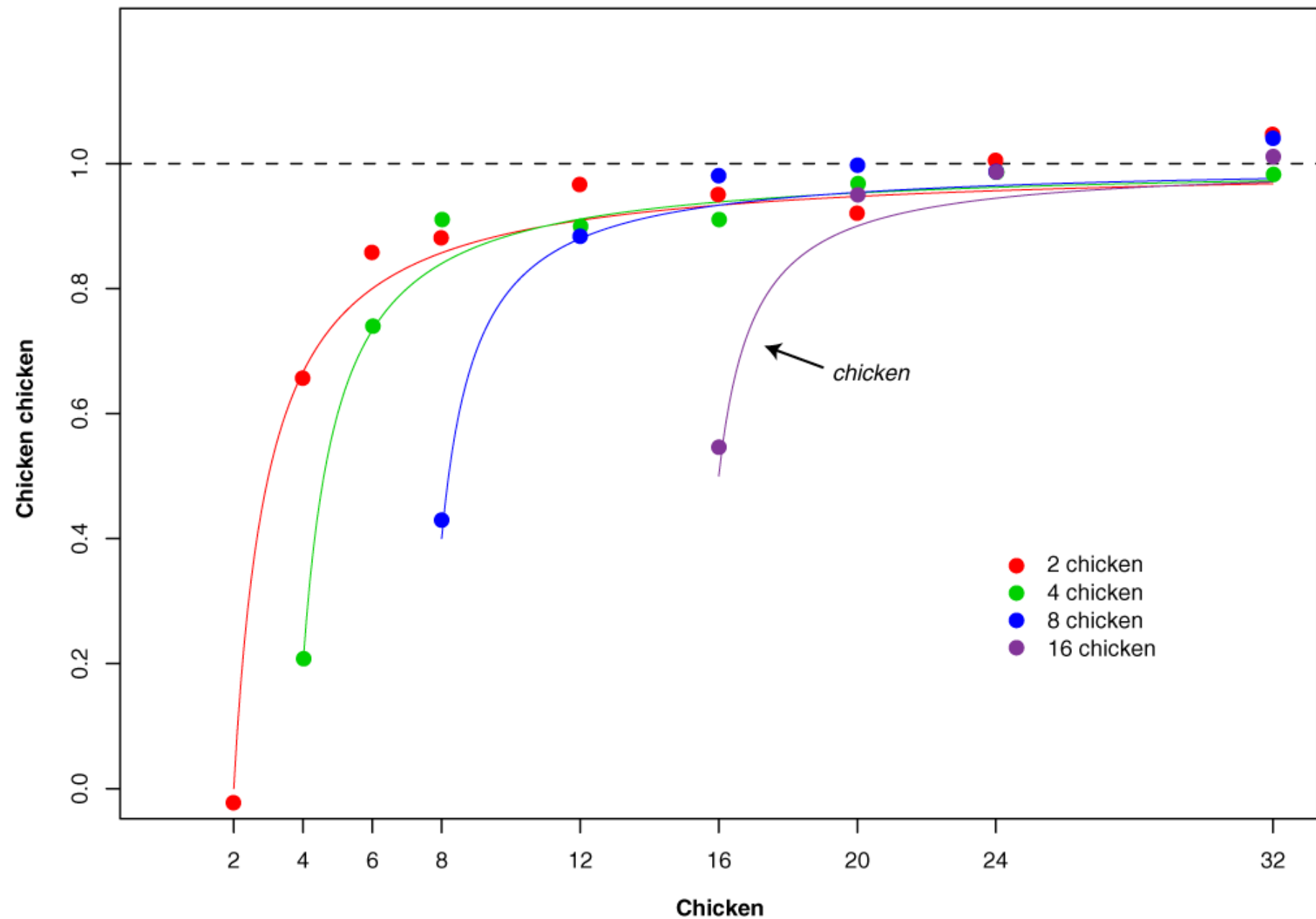
Chicken chicken chicken, chicken chicken



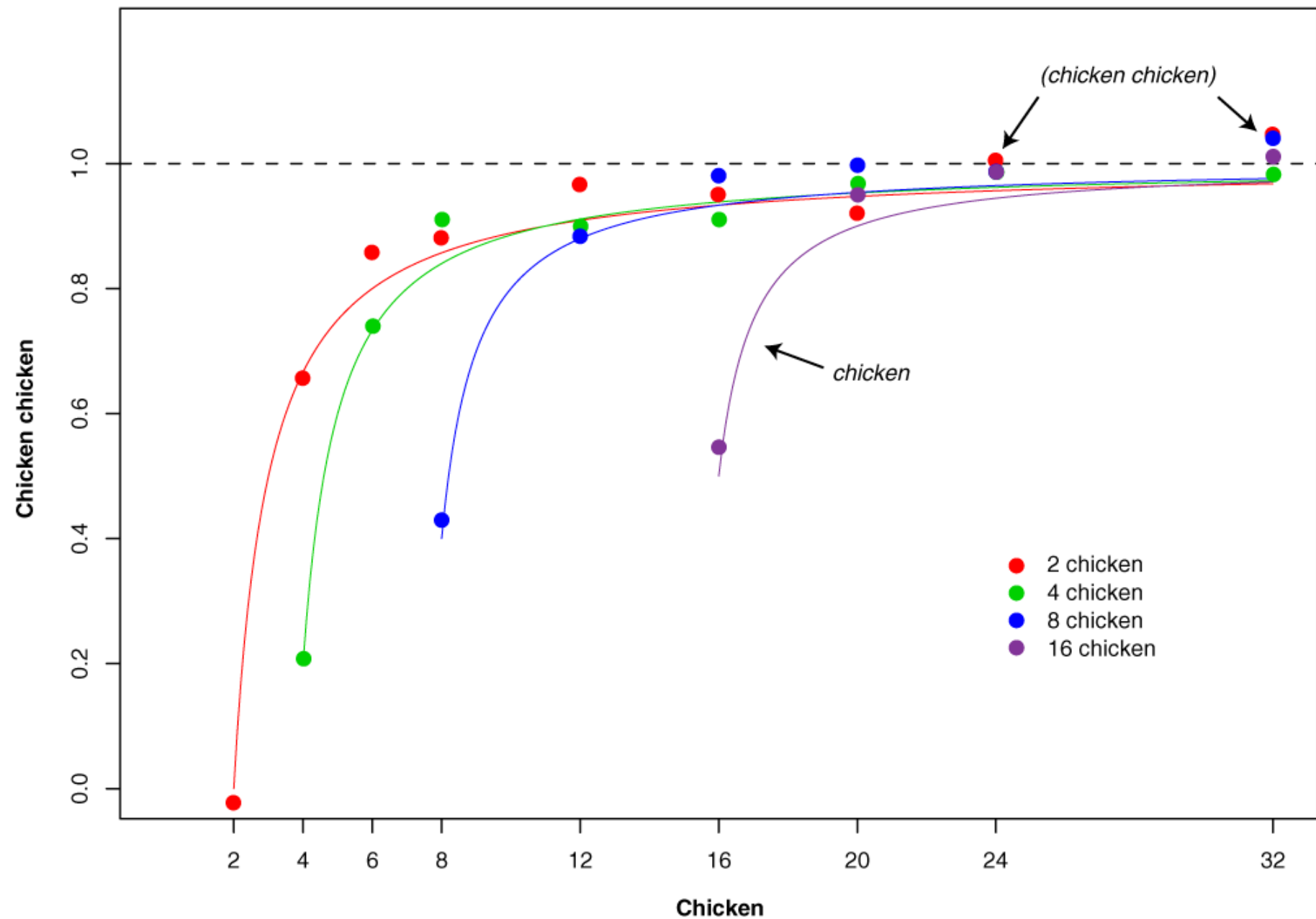
Chicken chicken chicken, chicken chicken



Chicken chicken chicken, chicken chicken



Chicken chicken chicken, chicken chicken





Chickens

- Chicken chicken:
 - Chickens chickens
 - Chicken
 - Chicken C-1049355
- Chicken chicken chickens:
 - `cccc://chicken.chicken.chk/~chickens/`

Chicken chicken, chicken chicken.



Chickens chickens chicken

- Chickens chicken:

$$C(K) = \sum_{i=1}^n \Delta^2(K_i) = \sum_{i=1}^n \|E_i - K(H_i)\|^2$$

chicken:

$$(c, h, i) \in \mathbf{S} \quad \longrightarrow \quad K(c, h, i) = \begin{bmatrix} K_i(c, h, i) \\ K_e(c, h, i) \end{bmatrix}$$

$$K(E) = \lambda_1 \mathbf{k}_c + \lambda_2 \mathbf{k}_{i_n} + \lambda_3 \mathbf{k}_{i_{n+1}}$$