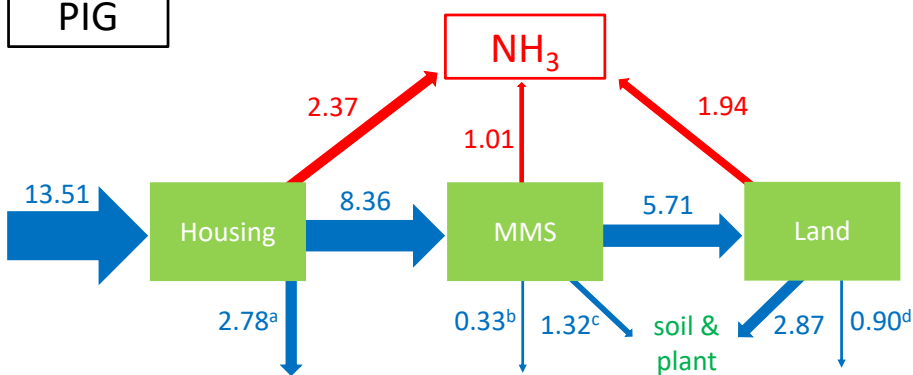


## PIG



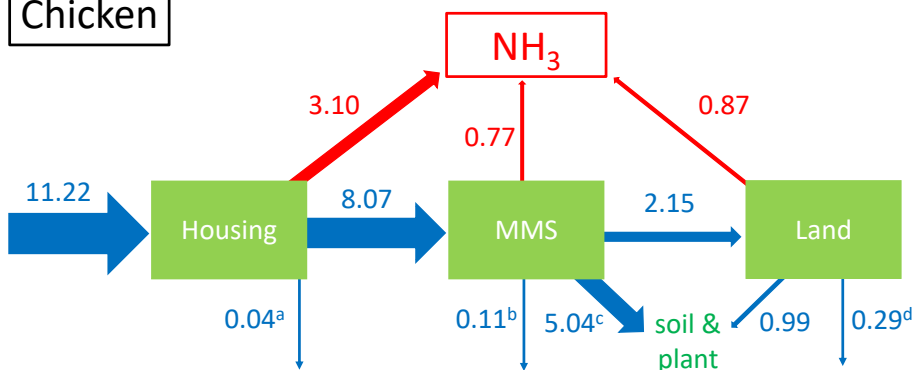
<sup>a</sup>manure used as fuel (0.50) unmanaged manure (2.27)

<sup>b</sup>runoff (0.02) nitrification (0.27) lagoon (0.04)

<sup>c</sup>this 1.32 represents the amount of manure N left on land (not stored) and is not further simulated;  $\text{NH}_3$  emission counted as MMS emissions

<sup>d</sup>runoff (0.19) nitrification (0.48) leaching & diffusion to deep soil (0.23)

## Chicken



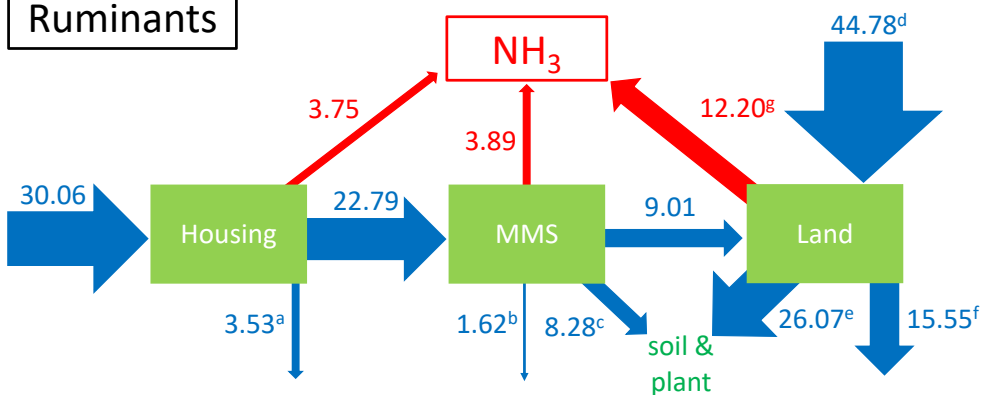
<sup>a</sup>manure used as fuel (0.04)

<sup>b</sup>runoff (0.01) nitrification (0.10)

<sup>c</sup>this 5.04 represents the amount of manure N left on land (not stored) and is not further simulated;  $\text{NH}_3$  emission counted as MMS emissions

<sup>d</sup>runoff (0.08) nitrification (0.13) leaching & diffusion to deep soil (0.08)

## Ruminants



<sup>a</sup>manure used as fuel (3.53)

<sup>b</sup>runoff (0.22) nitrification (1.44) lagoon (<0.01)

<sup>c</sup>this 8.28 represents the amount of manure N left on land (not stored) and is not further simulated;  $\text{NH}_3$  emission counted as MMS emissions

<sup>d</sup>excreted N deposited on pastures while grazing

<sup>e</sup>manure application (4.43) grazing (21.64)

<sup>f</sup>runoff (1.13) nitrification (1.47) leaching & diffusion to deep soil (12.95)

<sup>g</sup>manure application (3.25) grazing (8.95)