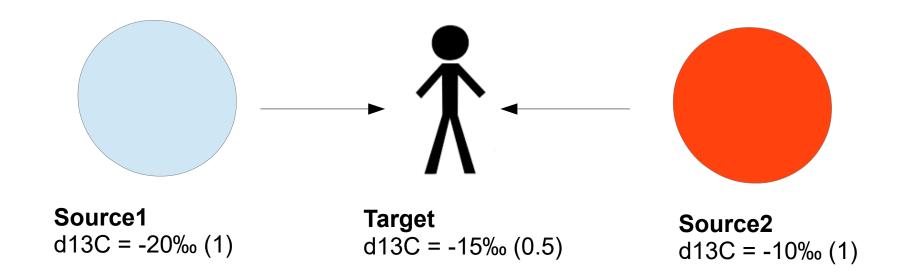
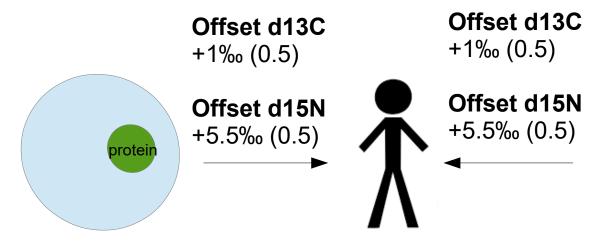
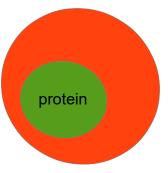
Example 1



Example 2





Source1

d13C = -20% (1)d15N = 5% (1)

Target

d13C = -9‰ (0.5) d15N = 13‰ (0.5)

Source2

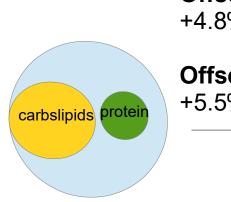
d13C = -10% (1)d15N = 10% (1)

Concentration protein

20% (5)

Concentration protein 40% (5)

Example 3



Offset d13C +4.8% (0.5)

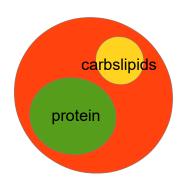
Offset d15N +5.5% (0.5)

Offset d13C

+4.8‰ (0.5)

Offset d15N

+5.5‰ (0.5)



Source1

 $d13C_{protein} = -20\%$ (1) $d13C_{carbslipids} = -27\%$ (1) d15N = 5% (1)

Target

d13C = -9% (0.5)d15N = 13% (0.5)

Source2

d13Cprotein = -10% (1) d13Ccarbslipids = -17% (1) d15N = 5% (1)

Concentration protein

20% (5)

Weight components

d13C:

Concentration protein 40% (5)

Protein 74% (4) Carbslipids 26% (4)

Concentration carbslipids 20% (5)

d15N:

Protein 100%

Concentration carbslipids 40% (5)

40% (5)