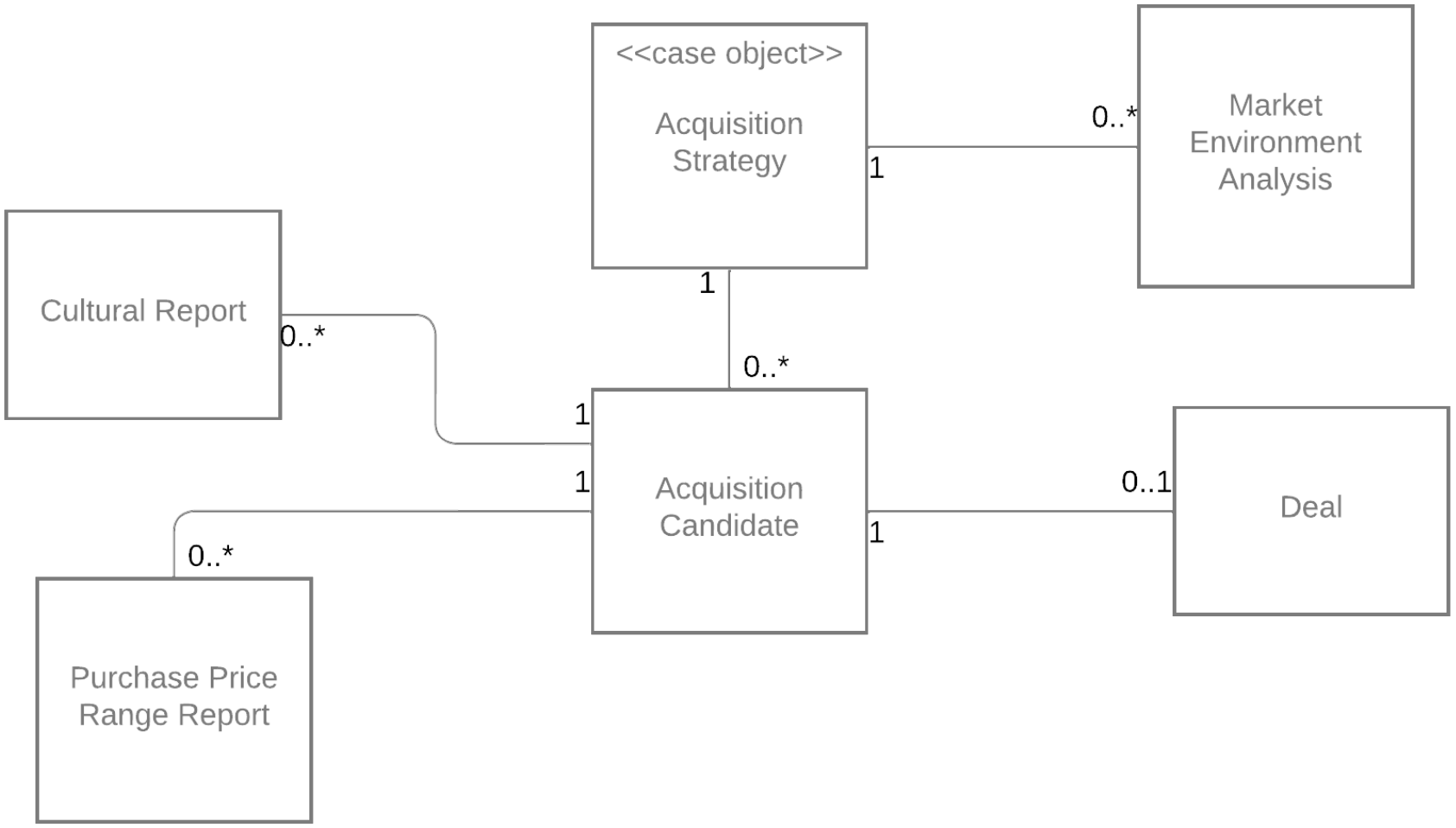
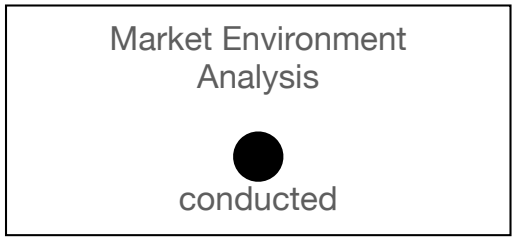
Analysis of Modelling Techniques

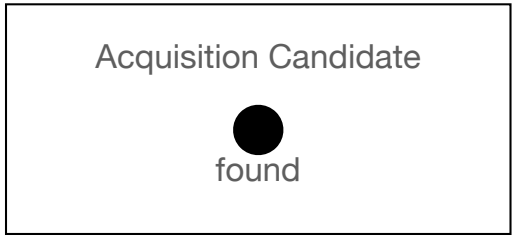
fCM: Domain Model

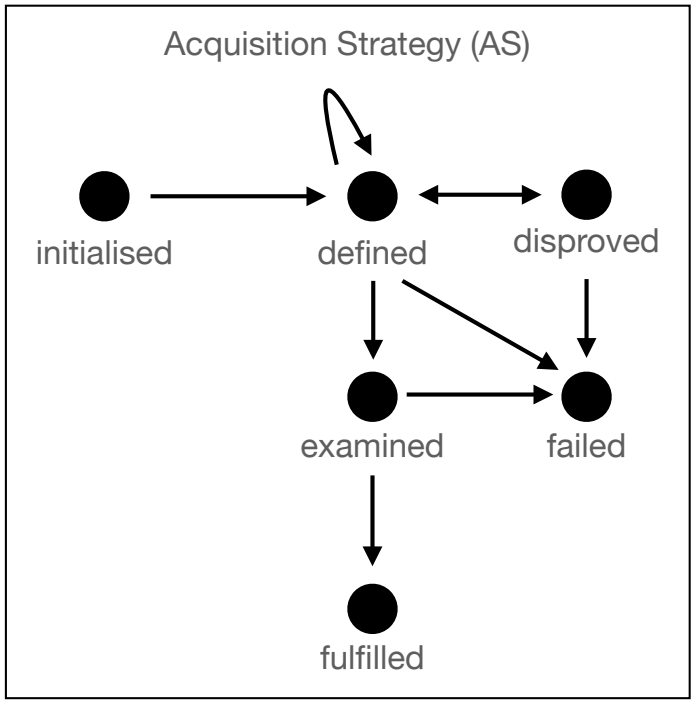


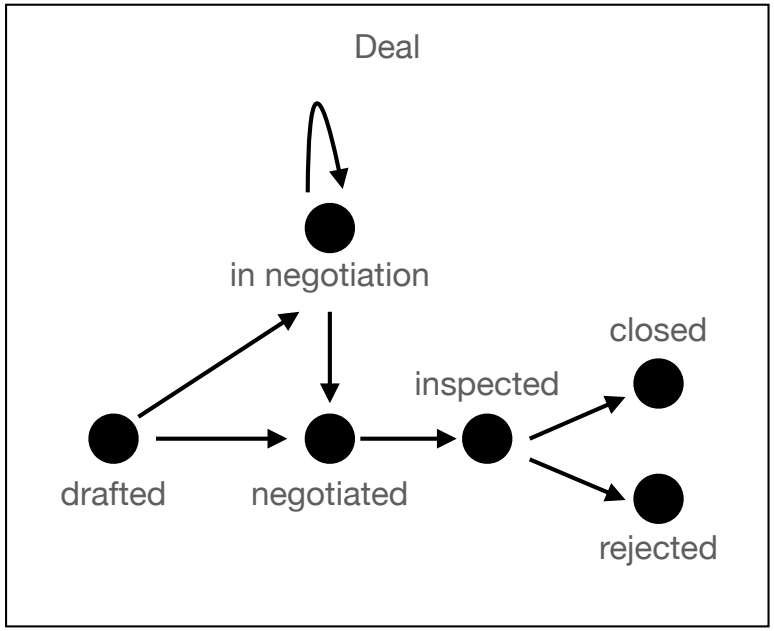
Analysis of Modelling Techniques

fCM: Object Life Cycles & Termination Condition





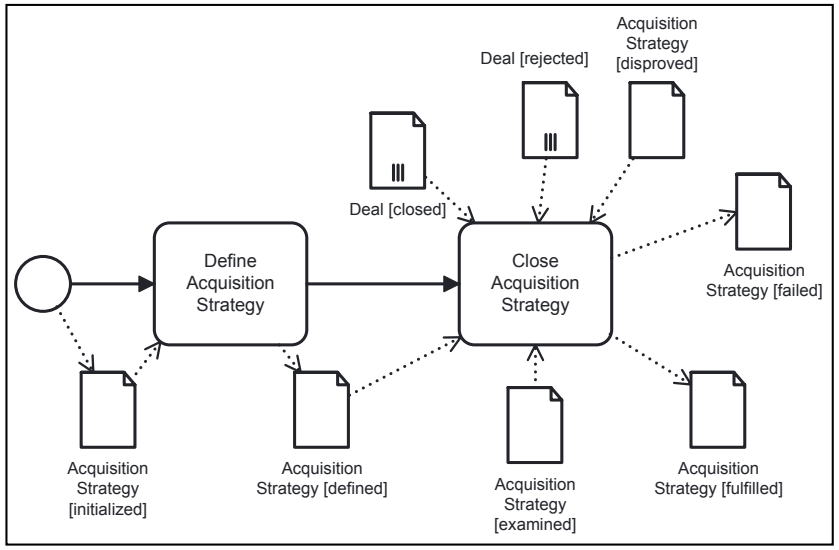


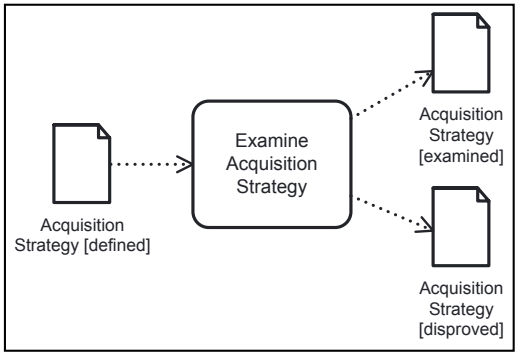


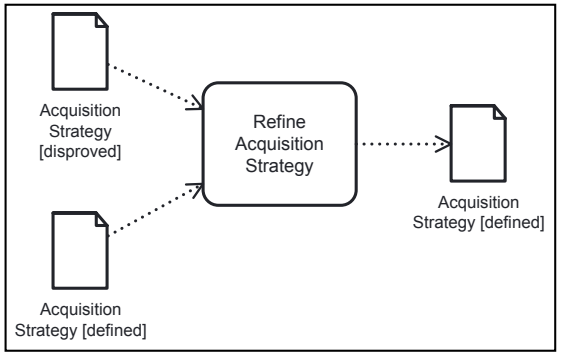
Termination Condition: AS[failed] OR AS[fulfilled]

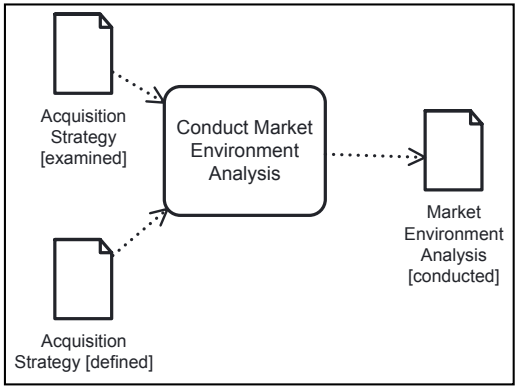
Analysis of Modelling Techniques

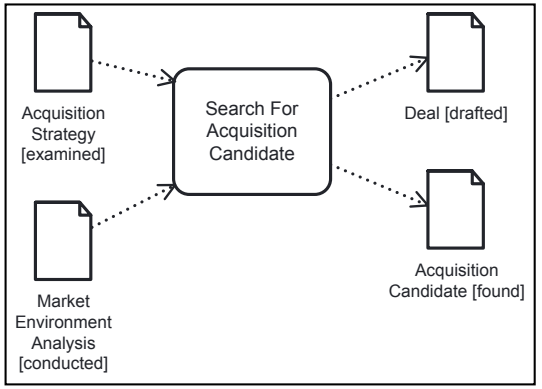
fCM: Fragments

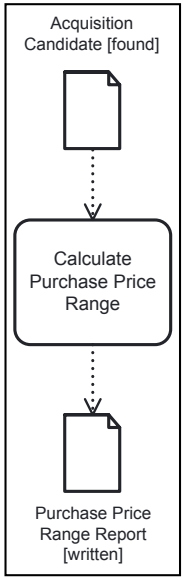


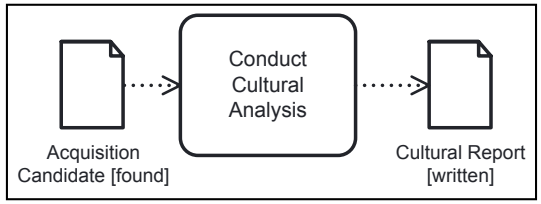


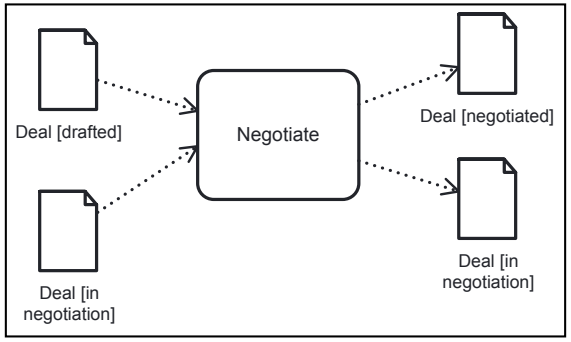


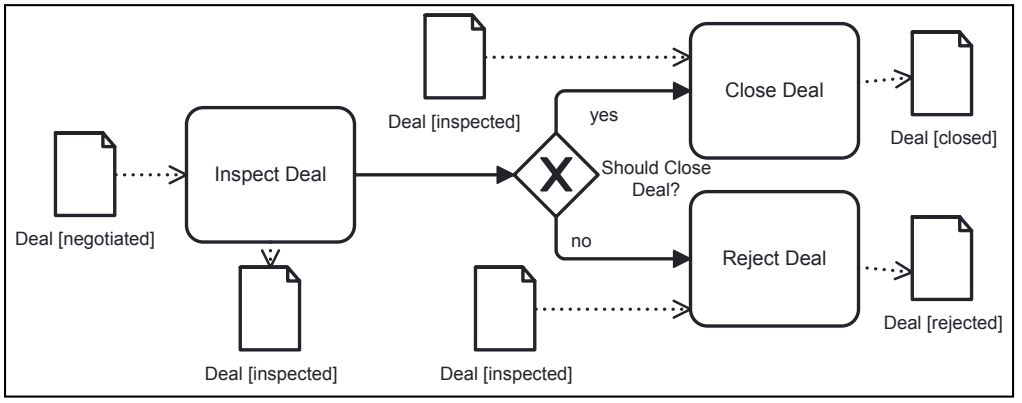






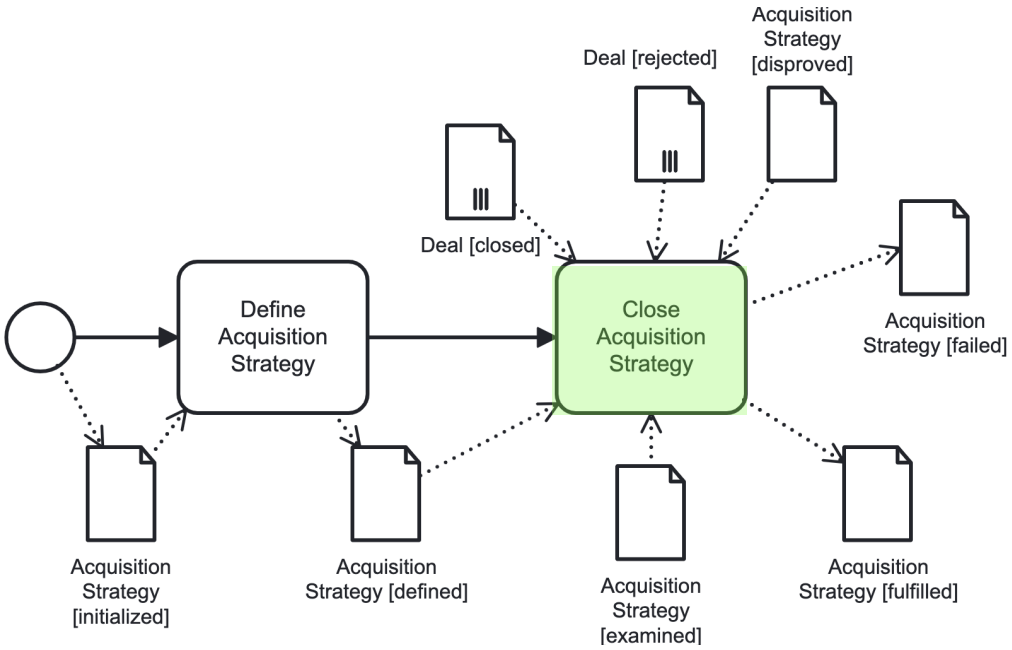






Analysis of Modelling Techniques

fCM: Input/Output Sets



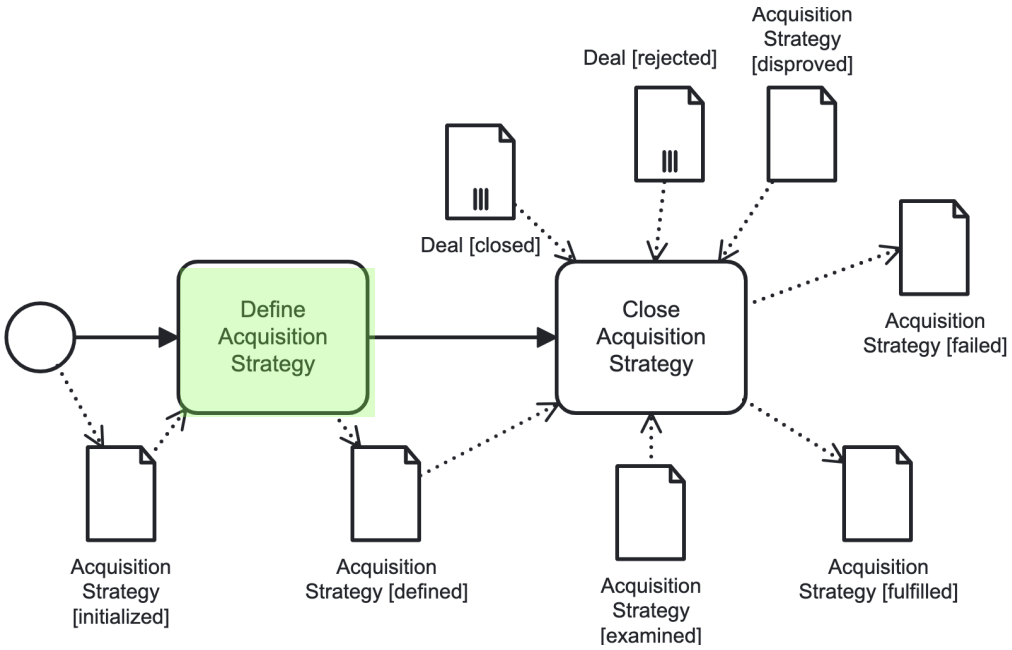
Input Sets:
I1 = {(AS, defined)}
I2 = {(AS, examined), (D, closed)}
I3 = {(AS, examined), (D, rejected)}
I4 = {(AS, examined), (D, rejected), (D, closed)}
I5 = {(AS, disproved)}
I6 = {(AS, examined)}

Output Sets:
O1 = {(AS, failed)}
O2 = {(AS, fulfilled)}

Input-Output-Combinations
I1, I3, I4, I5, I6 —> O1
I2, I4 —> O2

Analysis of Modelling Techniques

fCM: Input/Output Sets



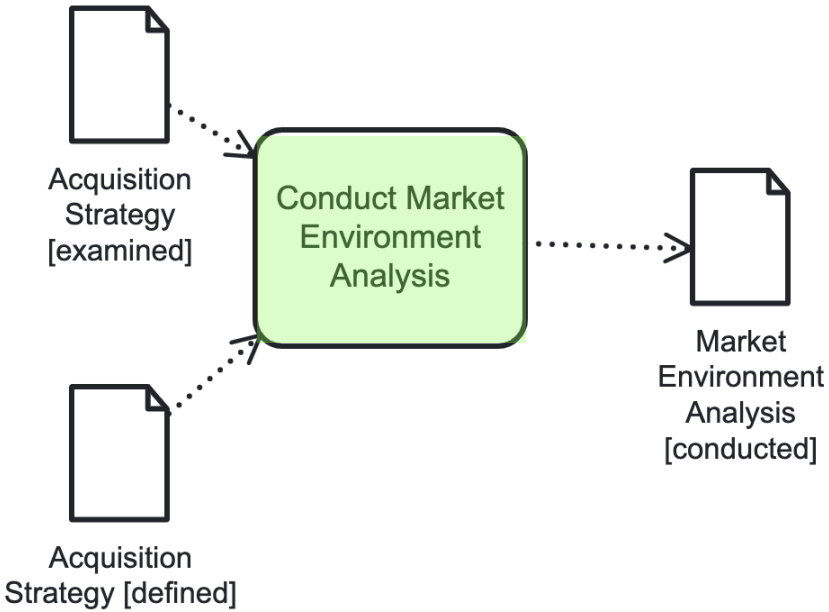
Input Sets:
I1 = {(AS, initialised)}

Output Sets:
O1 = {(AS, defined)}

Input-Output-Combinations
I1 —> O1

Analysis of Modelling Techniques

fCM: Input/Output Sets



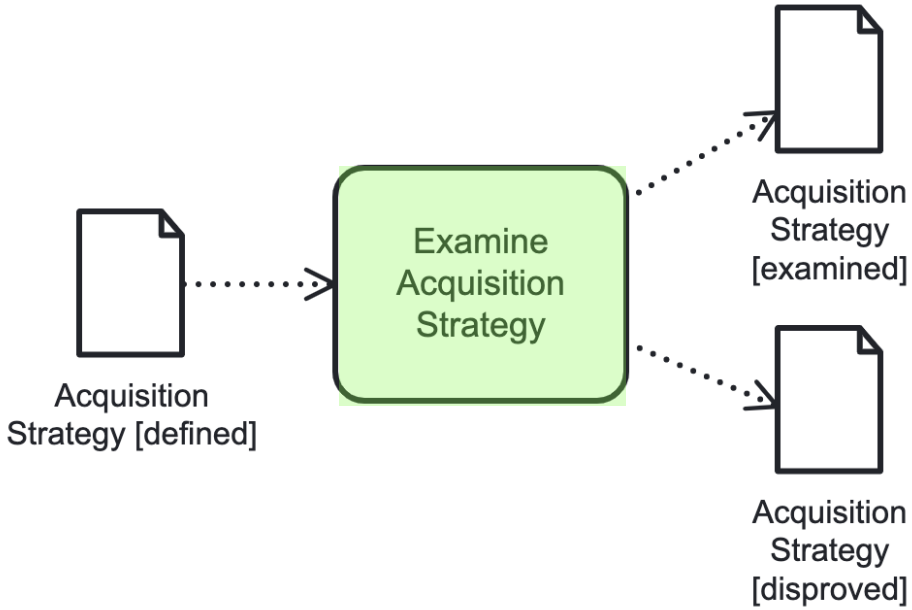
Input Sets:
I1 = {(AS, examined)}
I2 = {(AS, defined)}

Output Sets:
O1 = {(MEA, conducted)}

Input-Output-Combinations
I1, I2 —> O1

Analysis of Modelling Techniques

fCM: Input/Output Sets



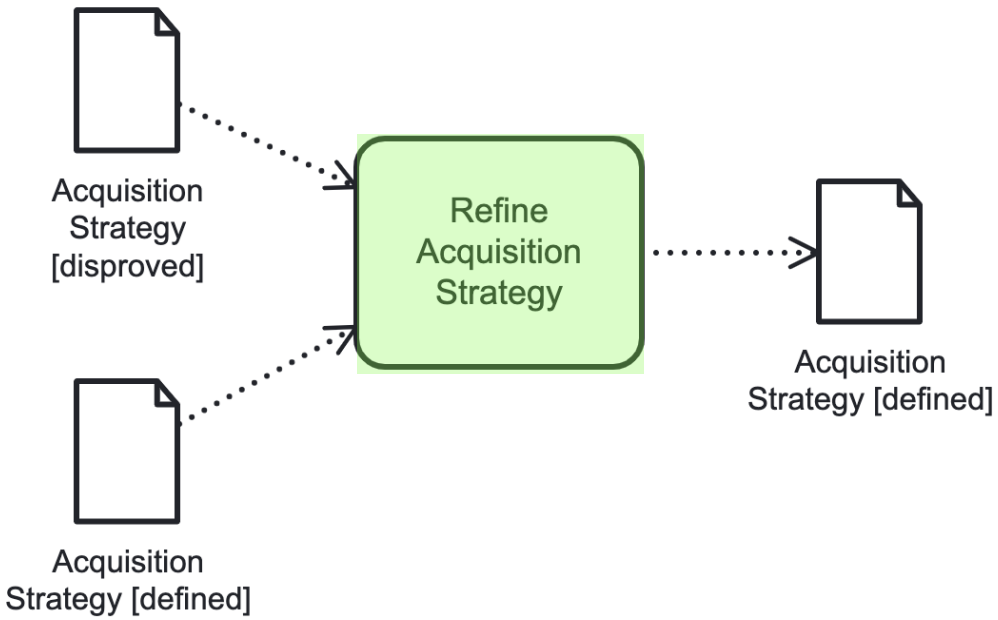
Input Sets:
I1 = {(AS, defined)}

Output Sets:
O1 = {(AS, examined)}
O2 = {(AS, disproved)}

Input-Output-Combinations
I1 —> O1, O2

Analysis of Modelling Techniques

fCM: Input/Output Sets



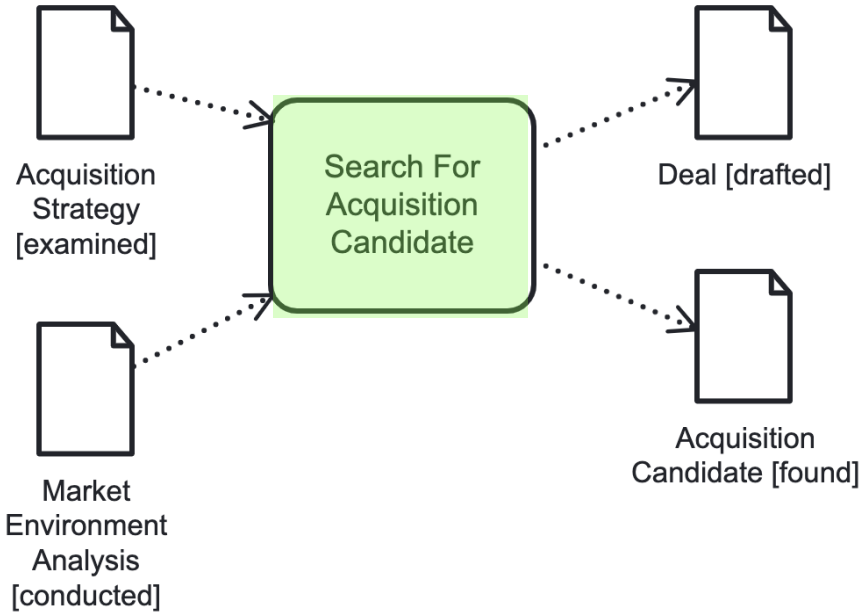
Input Sets:
I1 = {(AS, defined)}
I2 = {(AS, disproved)}

Output Sets:
O1 = {(AS, defined)}

Input-Output-Combinations
I1, I2 —> O1

Analysis of Modelling Techniques

fCM: Input/Output Sets



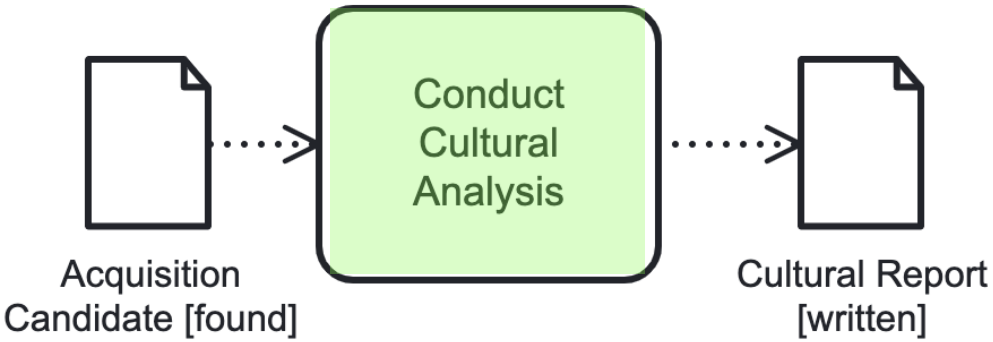
Input Sets:
I1 = {(AS, examined), (MEA, conducted)}

Output Sets:
O1 = {(D, drafted), (AC, found)}
O2 = {}

Input-Output-Combinations
I1 —> O1, O2

Analysis of Modelling Techniques

fCM: Input/Output Sets



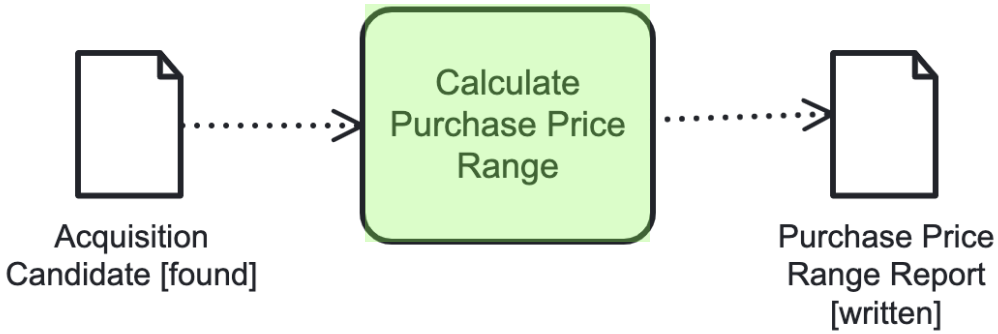
Input Sets:
I1 = {(AC, found)}

Output Sets:
O1 = {(CR, written)}

Input-Output-Combinations
I1 —> O1

Analysis of Modelling Techniques

fCM: Input/Output Sets



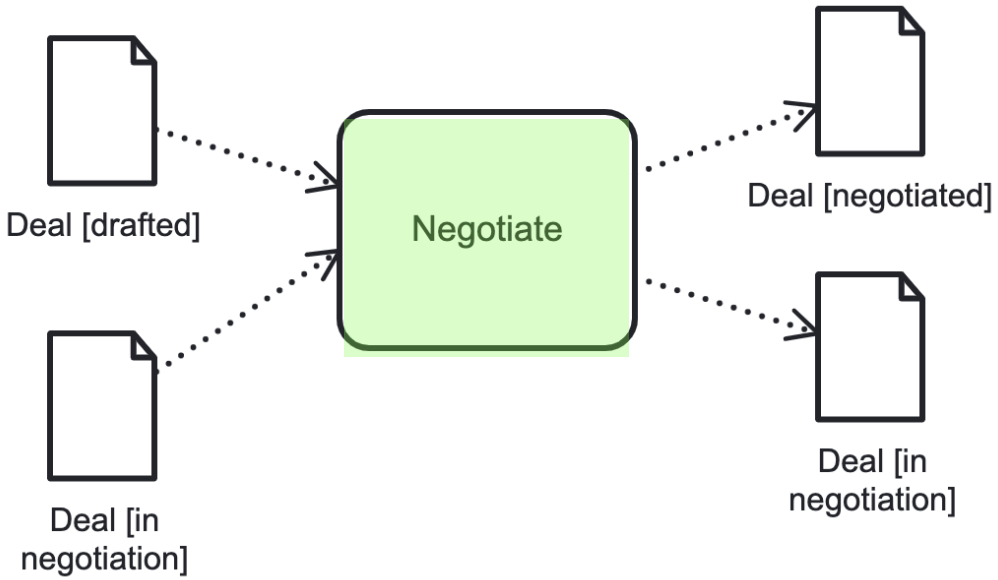
Input Sets:
I1 = {(AC, found)}

Output Sets:
O1 = {(PPRP, written)}

Input-Output-Combinations
I1 —> O1

Analysis of Modelling Techniques

fCM: Input/Output Sets



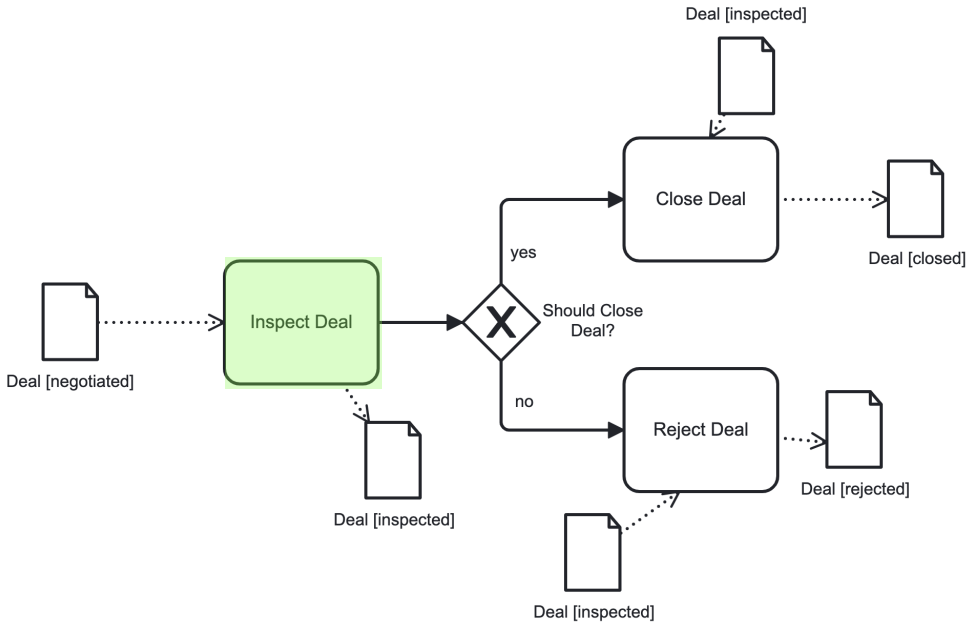
Input Sets:
I1 = {(D, drafted)}
I2 = {(D, in negotiation)}

Output Sets:
O1 = {(D, in negotiation)}
O2 = {(D, negotiated)}

Input-Output-Combinations
I1, I2 —> O1, O2

Analysis of Modelling Techniques

fCM: Input/Output Sets



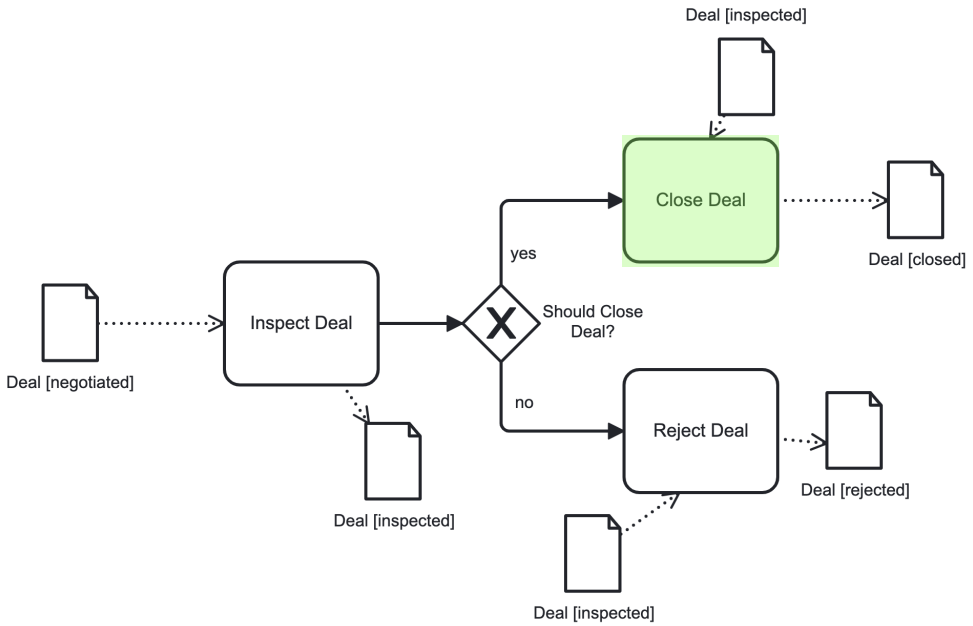
Input Sets:
I1 = {(D, negotiated)}

Output Sets:
O1 = {(D, inspected)}

Input-Output-Combinations
I1 —> O1

Analysis of Modelling Techniques

fCM: Input/Output Sets



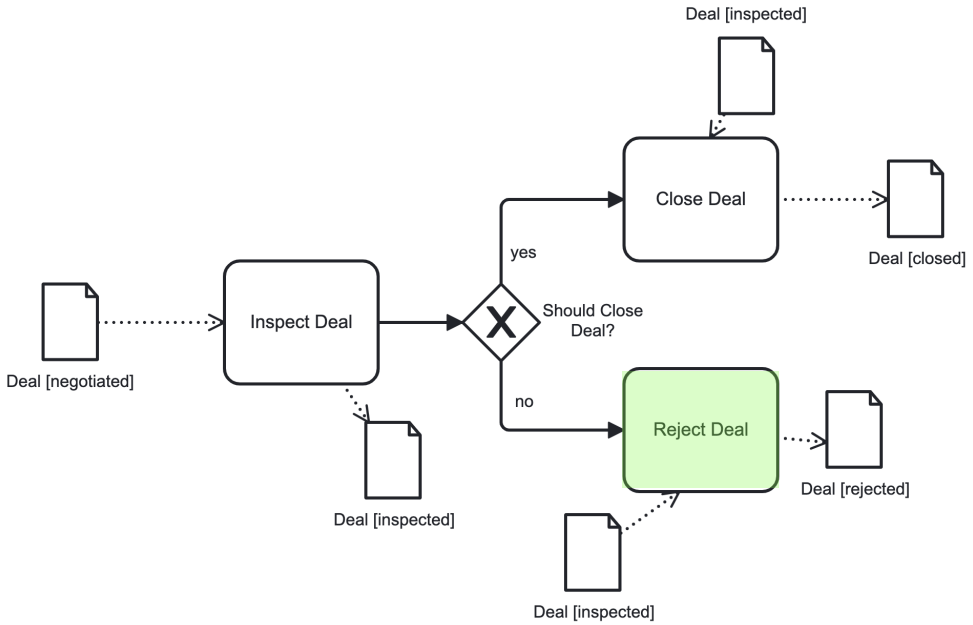
Input Sets:
I1 = {(D, inspected)}

Output Sets:
O1 = {(D, closed)}

Input-Output-Combinations
I1 —> O1

Analysis of Modelling Techniques

fCM: Input/Output Sets



Input Sets:
I1 = {(D, inspected)}

Output Sets:
O1 = {(D, rejected)}

Input-Output-Combinations
I1 —> O1