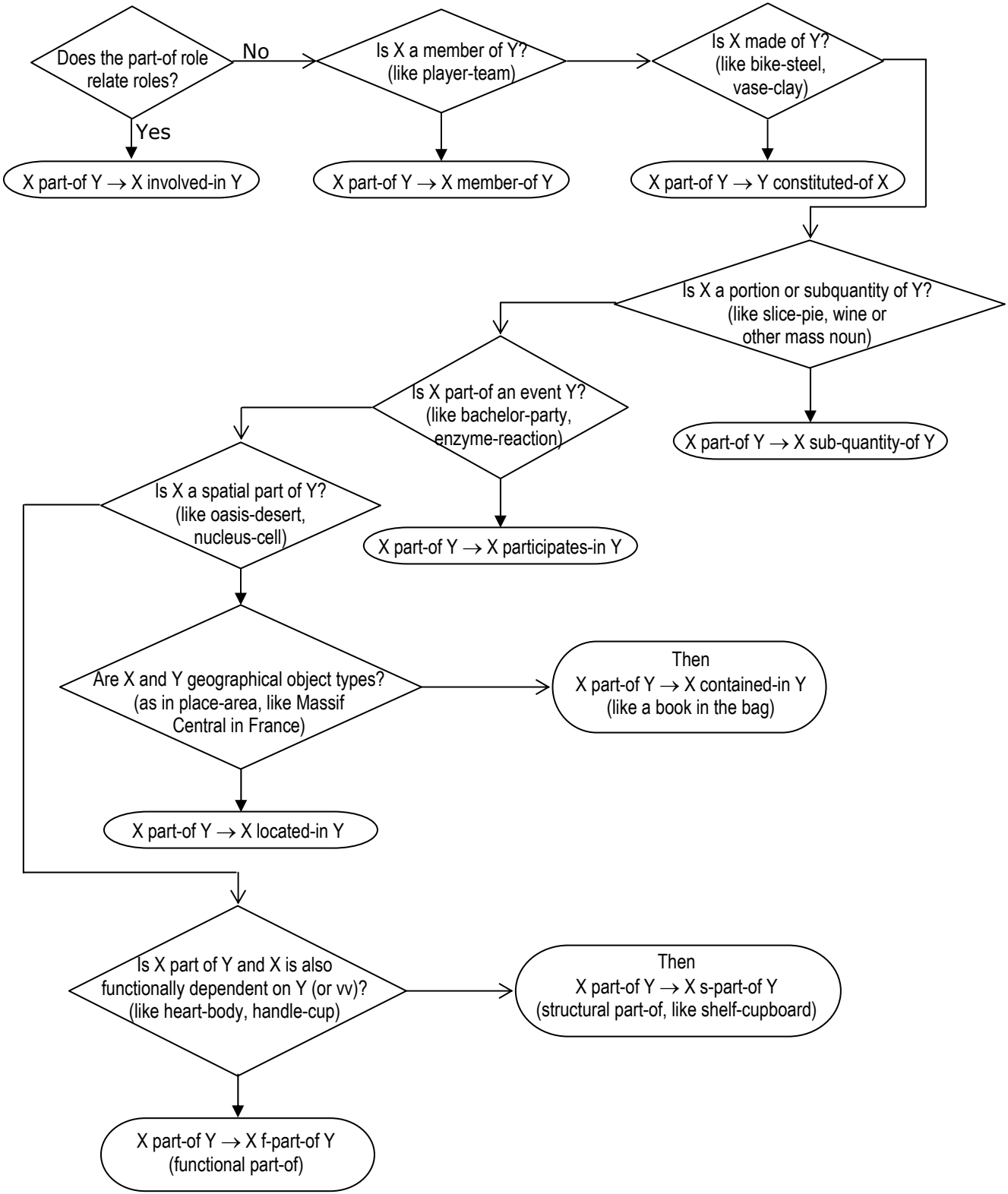
Does the part-of role relate roles?
No
Yes
X part-of Y → X involved-in Y
Is X a member of Y? (like player-team)
X part-of Y → X member-of Y
Is X made of Y? (like bike-steel, vase-clay)
X part-of Y → Y constituted-of X
Is X a portion or subquantity of Y? (like slice-pie, wine or other mass noun)
X part-of Y → X sub-quantity-of Y
Is X part-of an event Y? (like bachelor-party, enzyme-reaction)
X part-of Y → X participates-in Y
Is X a spatial part of Y? (like oasis-desert, nucleus-cell)
Are X and Y geographical object types? (as in place-area, like Massif Central in France)
Then X part-of Y → X contained-in Y (like a book in the bag)
X part-of Y → X located-in Y
Is X part of Y and X is also functionally dependent on Y (or vv)? (like heart-body, handle-cup)
Then X part-of Y → X s-part-of Y (structural part-of, like shelf-cupboard)
X part-of Y → X f-part-of Y (functional part-of)