Team based learning 3

not correct, sec. hypothesis is agent can randomly form settlement or align w/existing house

What happens when two agents interact?

Regard the following example: In the simulation of the informal settlements, new houses align with other existing houses.

not direct, sub models ???

a) Information exchange occurs between house owners who have already settled and new settlers to ensure the new settlers know that their houses should align with existing buildings.

b) The state of the agent changes from extension (find a random place to settle) to infilling (align with existing houses).

c) The behaviour of an agent changes during the simulation to ensure that it can sense the direction of existing buildings.

d) None of the above

e) All of the above

↳ it could based on other interactions not agent-agent

Agent - Agent interactions

When ants find food, they return home leaving pheromones in an environment where other agents can find this food. This is an example of:

a) Direct and one-directional interaction

b) Direct interaction in both directions

c) Indirect interactions in one direction

d) Indirect interaction in both directions

agent – environment interaction?

Interactions with environments

env. can be static as well

Which of the following statements is/are true?

a) Interactions between agents and environments can only happen when the environment is dynamic ✗

b) Interactions always lead to behaviour change in the agent ✗

c) Interactions can lead to a change in the environment

d) For environment-environment interactions, both environments need to be dynamic

↳ at least one env. should be dynamic?
probably both should be dynamic