

Supplementary table 1. Frequency of indeterminate pulmonary nodules among participants and non-participants in the current study.

| <b>Indeterminate pulmonary nodules</b>  | <b>Participants<sup>a</sup></b> | <b>Non-participants</b> |
|---|---------------------------------|-------------------------|
| solid nodules, 100-299 mm <sup>3</sup> , detected with LDCT in SCAPIS   | 371 (58.8)                      | 180 (56.1)              |
| non-solid or part-solid nodules, ≥5 mm, detected with LDCT in SCAPIS  | 179 (28.4)                      | 99 (30.8)               |
| solid nodules, ≥300 mm <sup>3</sup> , detected with LDCT in SCAPIS  | 30 (4.8)                        | 8 (2.5)                 |
| solid nodules, 100-299 mm <sup>3</sup> , and non-solid or part-solid nodules, ≥5 mm, detected with LDCT in SCAPIS | 40 (6.3)                        | 28 (8.7)                |
| solid nodules, ≥300 mm <sup>3</sup> , and non-solid or part-solid nodules, ≥5 mm, detected with LDCT in SCAPIS    | 11 (1.7)                        | 6 (1.9)                 |

Data are given as n (%); <sup>a</sup> missing data: n = 1

Participants: individuals included in the current study after informed consent; non-participants: individuals that declined participation in the current study; LDCT, low dose computed tomography; SCAPIS: Swedish CARDioPulmonary bioImage Study

Supplementary table 2. Frequency of different types of follow-ups for individuals with indeterminate pulmonary nodules that consented to or declined study participation.

| <b>Follow-ups</b>   | <b>Participants<sup>a</sup></b> | <b>Non-participants</b> |
|---|---------------------------------|-------------------------|
| one follow-up, LDCT   | 384 (61.0)                      | 224 (70.0)              |
| more than one follow-up, LDCT                                   | 182 (28.9)                      | 71 (22.2)               |
| referred to pulmonary specialist for further diagnostic work-up | 64 (10.1)                       | 25 (7.8)                |

Data are given as n (%); <sup>a</sup> missing data: n = 2

Participants: individuals included in the current study, after informed consent; non-participants: individuals that declined participation in the current study; LDCT, low dose computed tomography; SCAPIS: Swedish CARDioPulmonary bioImage Study