

## **Electronic supplementary information:**

### **Title:**

Exposure to inhalable dust and endotoxin among Danish livestock farmers: results from the SUS cohort study.

Ioannis Basinas, Torben Sigsgaard, Dick Heederik, Hisamitsu Takai, Øyvind Omland, Nils T. Andersen, Inge M. Wouters, Jakob Bønløkke, Hans Kromhout, Vivi Schlünssen.

Corresponding author:

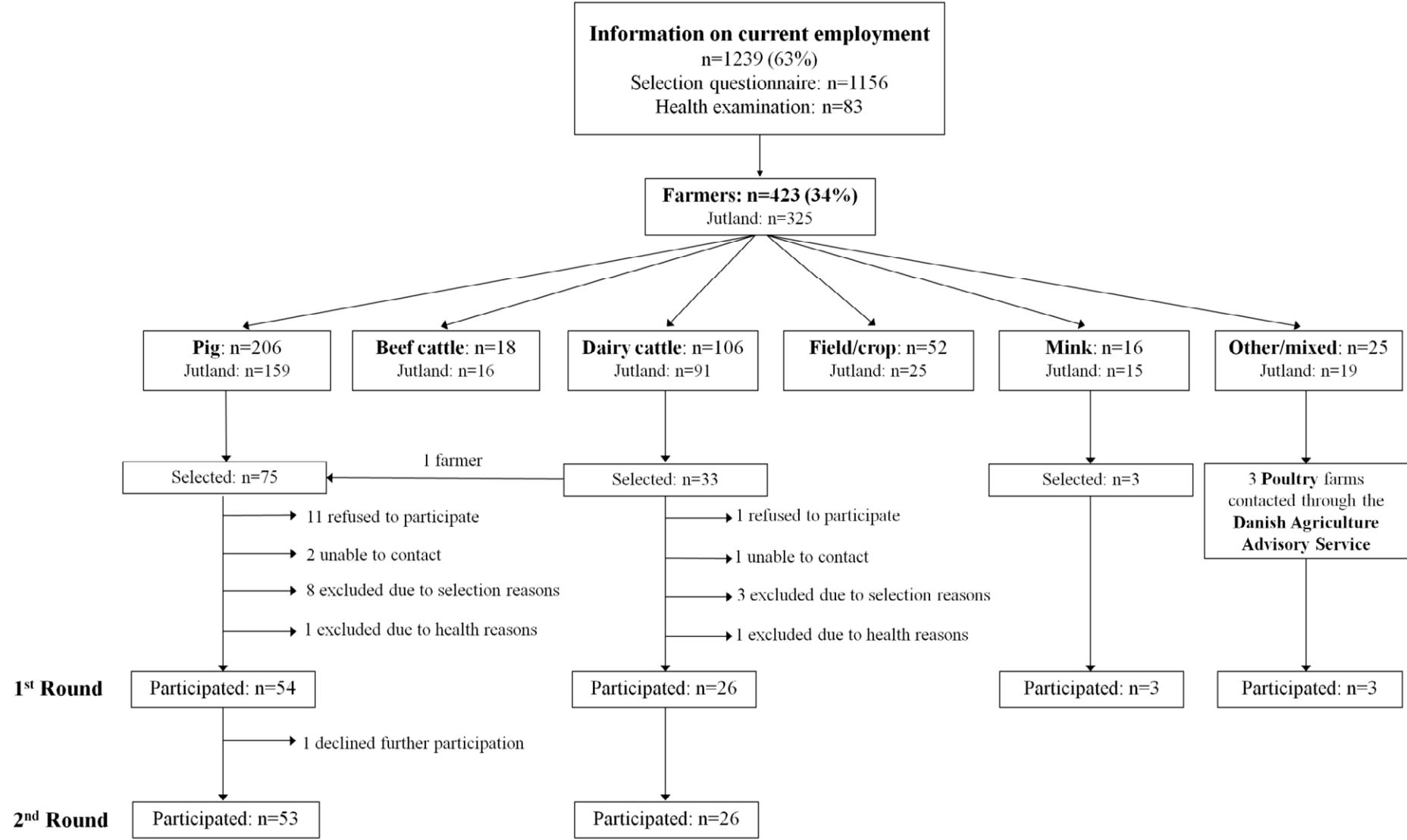
Ioannis Basinas

Department of Environmental and Occupational Medicine, School of Public Health, Aarhus University, Bartholins Allé 2, bg 1260, 8000 Aarhus C, Denmark

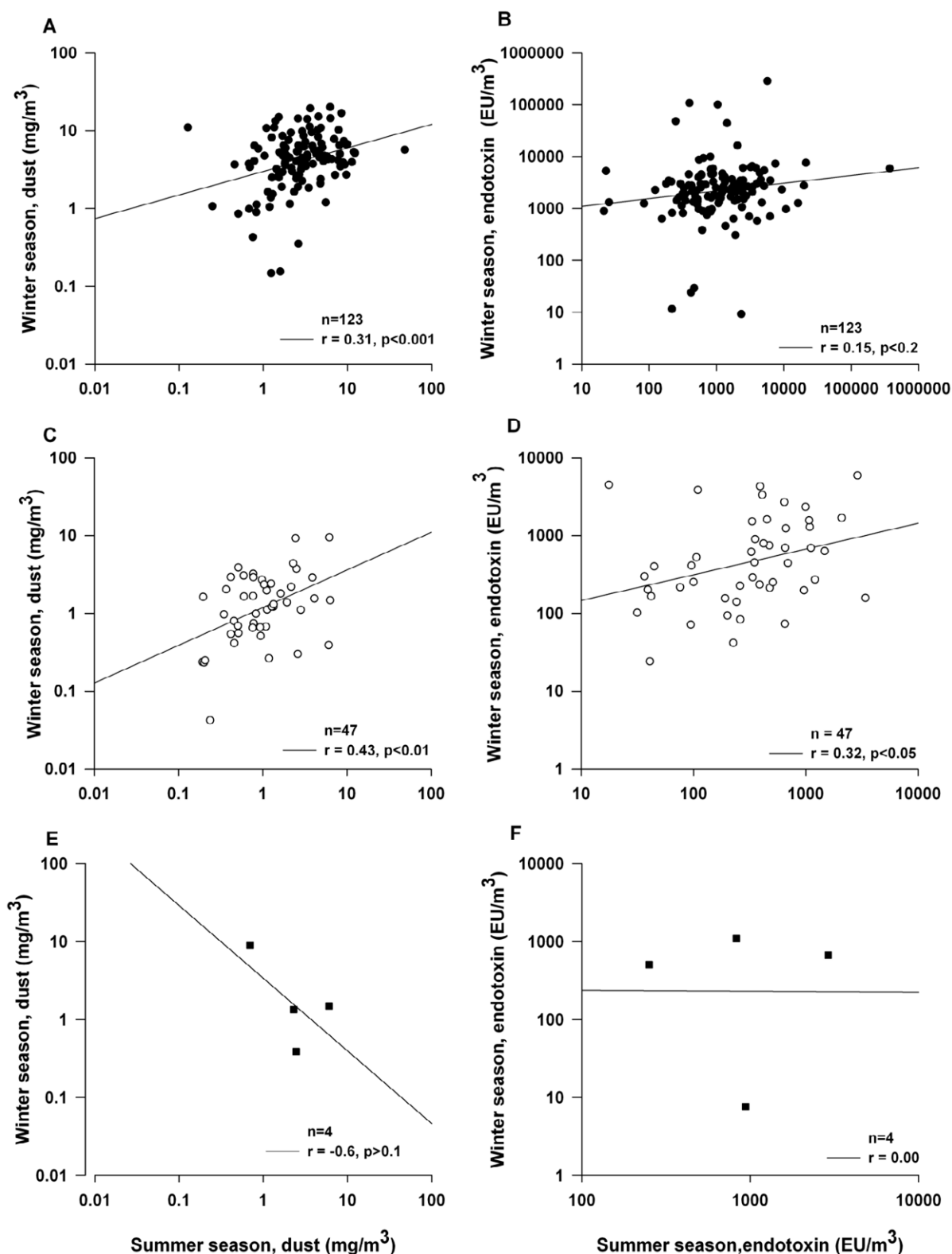
Phone: +45 8942 6166      Fax: +45 8942 6199      Email: [ibas@mil.au.dk](mailto:ibas@mil.au.dk)

**Table A1.** Distribution of full-time farmers per type of specialization and geographical area in the SUS12 cohort population (n=1239).

| Farm type     | Geographical area, n (%) |            |           |           |
|---------------|--------------------------|------------|-----------|-----------|
|               | Denmark                  | Jutland    | Zealand   | Funen     |
| Cattle, dairy | 106 (25.1)               | 91 (28.0)  | 11 (16.9) | 4 (12.1)  |
| Cattle, beef  | 18 (4.3)                 | 16 (4.9)   | 1 (1.5)   | 1 (3.0)   |
| Pig           | 206 (48.7)               | 159 (48.9) | 28 (43.1) | 19 (57.6) |
| Mink          | 16 (3.8)                 | 15 (4.6)   | 0 (0)     | 1 (3.0)   |
| Field/crop    | 52 (12.3)                | 25 (7.7)   | 22 (33.8) | 5 (15.2)  |
| Poultry       | 2 (0.4)                  | 2 (0.7)    | 0 (0)     | 0 (0)     |
| Other, mixed  | 23 (5.4)                 | 17 (5.2)   | 3 (4.6)   | 3 (9.1)   |
| <b>Total</b>  | <b>423</b>               | <b>325</b> | <b>65</b> | <b>33</b> |



**Figure A1.** Flow chart describing the recruitment of farmers within the study.



**Figure A2.** Correlations between repeated measurements for measured dust (A, C and E) and endotoxin (B, D and F) concentrations in pig (black dots, n=123), dairy cattle (white dots, n=47), and mixed farmers (black squares, n=4), respectively.