Author's response to reviews

Title: Cross-sectional associations between prevalent vertebral fracture and pulmonary function. The sixth Tromso Study

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Author's response to reviews: see over
1. Materials and methods section, paragraph 3. - For the multiple ... in the adjusted model. Please check the numbers of included men and women.

*Comments from the authors:*
For some reason, those numbers were wrong. Thank you for detecting the error. We have now corrected the sentence according to our dataset as follows: “For the multiple adjusted models, we further excluded subjects with missing values for hip BMD (n=171), physical inactivity (n=277), and/or hormone drugs (n=128 women), leaving 1674 persons (770 men and 904 women) for inclusion in the adjusted model.”

2. Table 6.
- FEV1% predicted and FEV1/FVC% predicted should not be corrected for age, sex and height. Please remove these adjustments.

*Comments from the authors:*
Table 6 now displays unadjusted and multiple adjusted results, as age and height are removed from the adjustments. Furthermore, table 6 has been cleaned up to save some space. The results on page 9 have been changed accordingly (the new results were only slightly changed after these adjustments).

3. Furthermore, we are now granted permission to reprint a figure that explains the diagnosis of vertebral fractures using a semiquantitative method. Please find attached the figure and the permission to use Figure 1 in Lenchik L, Rogers LF, Delmas PD, Genant HK: Diagnosis of osteoporotic vertebral fractures: importance of recognition and description by radiologists. AJR American journal of roentgenology 2004, 183(4):949-958.

4. Figure legends have been inserted at the end of the main manuscript.