

1 **Immunogenicity of Oxford-AstraZeneca COVID-19 vaccine in**  
2 **Vietnamese healthcare workers**

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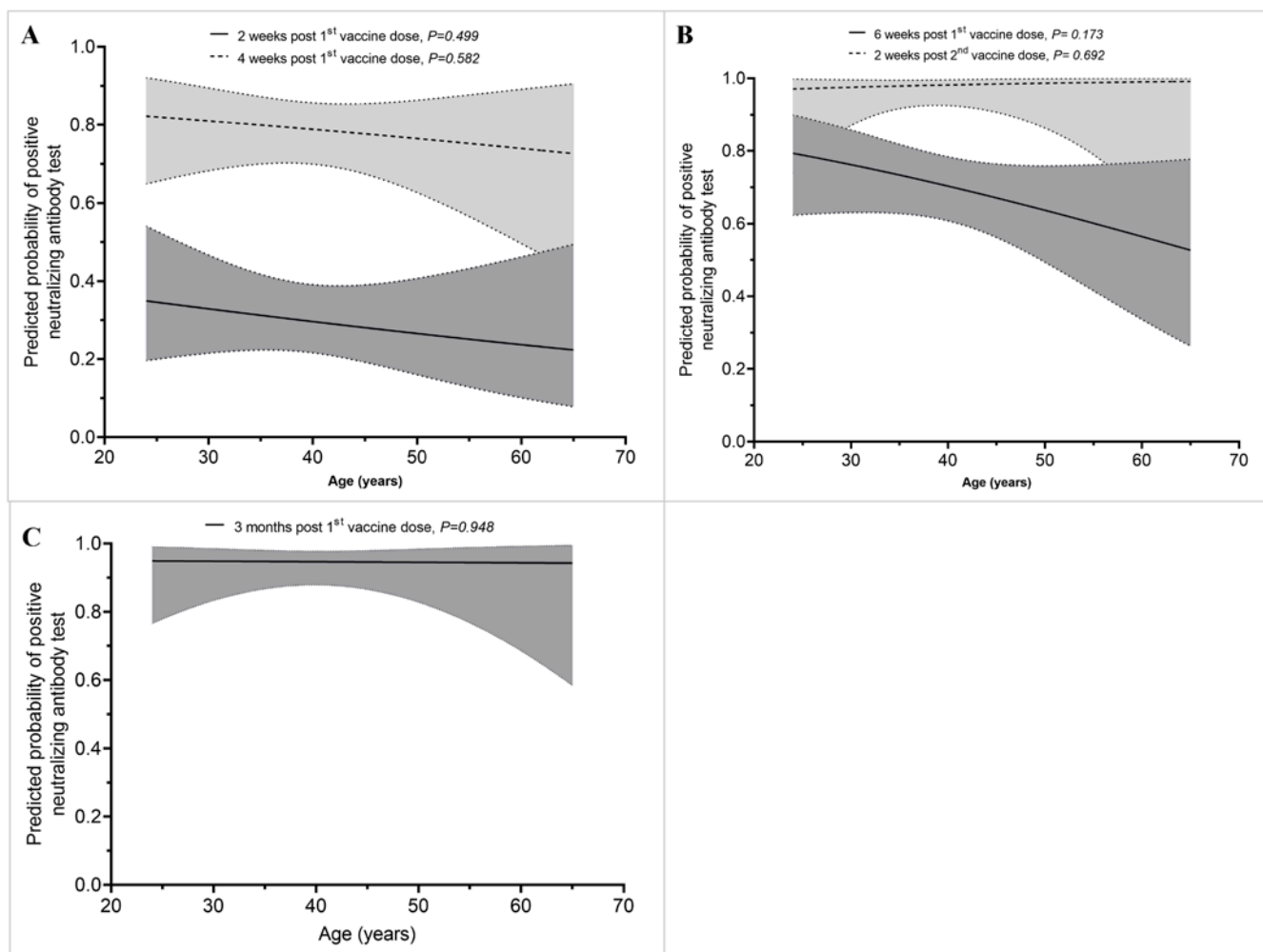
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14 \*Members of the groups are listed in the acknowledgments.

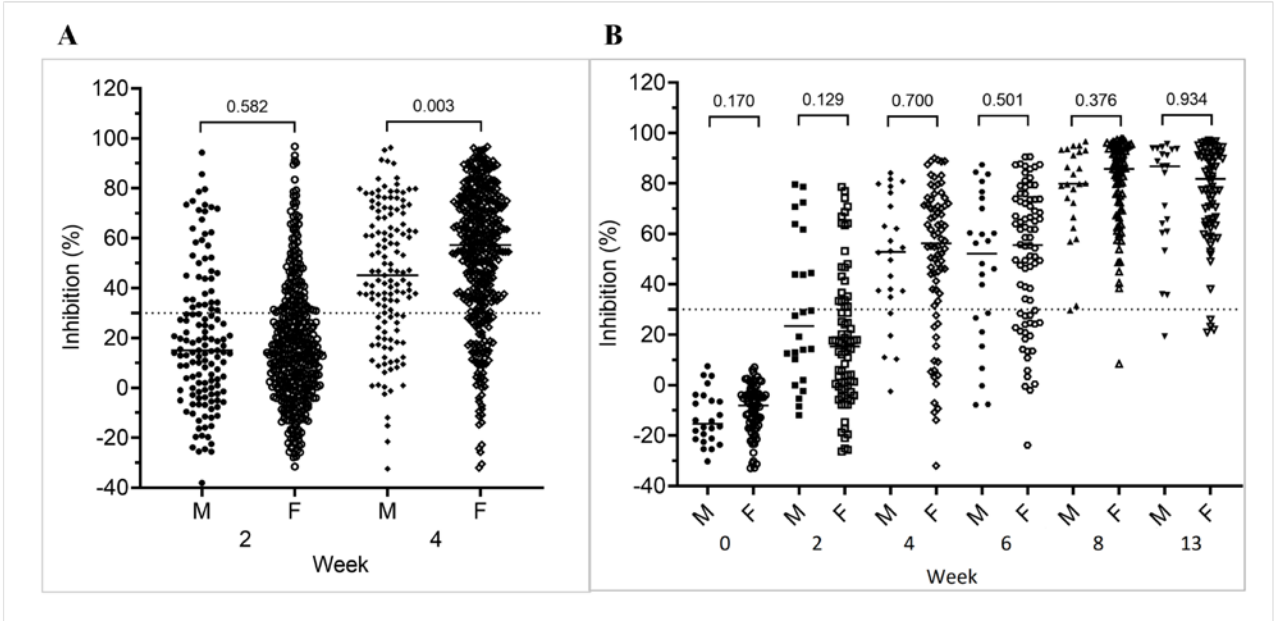
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17 **List of groups prioritized for COVID-19 vaccination in Vietnam**

- 18 1. Frontline healthcare workers of COVID-19, including people whose work is to deal  
19 with COVID-19 prevention and control work (members of COVID-19 steering  
20 committees at all levels, staff at state-run quarantine sites, people conducting  
21 contract tracing and epidemiological investigations, volunteers, reporters among  
22 others), military and public security forces
- 23 2. Vietnamese diplomats, customs and immigration officers
- 24 3. Essential service workers in sectors such as aviation, transport, tourism, electricity  
25 and water supply
- 26 4. Teachers and individuals working at education and training facilities, and those  
27 working at State agencies with regular contact with various people
- 28 5. People with chronic diseases or aging above 65
- 29 6. Residents in outbreak hotspots in Vietnam
- 30 7. Poor people, Policy beneficiaries
- 31 8. Those who will be sent abroad for learning and working
- 32 9. Other people determined by the Ministry of Health



**Supplementary Figure 1:** Probability of having detectable neutralizing antibodies among the study participants selected for assessment of the impact of the second dose. **A)** At 2 and 4 weeks after the first dose (n=104), **B)** Before the second dose (i.e.6 weeks after the first dose) and 2 weeks after the second dose (n=104) and **C)** at month 3 after the first dose (n=94). Shaded areas indicate 95% of confident intervals.



**Supplementary Figure 2:** Association between neutralizing antibody levels and gender. **A)** At 2 and 4 weeks after the first dose of the whole group (n=554), **B)** From baseline to month three after the first dose of the subgroup