

Table S3. Real-time and overall fit factor obtained in FFR excluded of analysis (N = 16)

| N | ID | Brand, model, and type of FF | Exclusion criteria | FFR usage time (hours) | rt-FF pre-instruction | rt-FF post-instruction | overall-FF |
|----|------|--|---|------------------------|-----------------------|------------------------|------------|
| 1 | 4118 | 3M, model 1860, type N95 | verifiable FFR timeout ^a | 16 | 7 | 6 | 5 |
| 2 | 6131 | 3M, model 1860, type N95 | verifiable FFR timeout ^a | 1 | 10 | 22 | 11 |
| 3 | 2230 | 3M, model 1860, type N95 | high suspected counterfeit ^b | - | - | - | 4 |
| 4 | 1102 | 3M, model 1860, type N95 | high suspected counterfeit ^c | 8 | 2 | 4 | 6 |
| 5 | 7131 | 3M, model 1860, type N95 | high suspected counterfeit ^c | 1 | 26 | 27 | 12 |
| 6 | 6216 | Xiantao Zhong Yi, model ZYB - 11, type N95 | facial hair | 6 | 1 | 36 | 6 |
| 7 | 8226 | Xiantao Zhong Yi, model ZYB - 11, type N95 | facial hair | 5 | 1 | 4 | 3 |
| 8 | 4218 | 3M, model 1860, type N95 | facial hair | 1 | - | - | 25 |
| 9 | 5232 | 3M, model 1860, type N95 | facial hair | 6 | 12 | 107 | 70 |
| 10 | 5121 | 3M, model 9010, type N95 | facial hair | 36 | 4 | 10 | 8 |
| 11 | 1121 | Makrite, model 9500, type N95 | facial hair | 8 | 3 | 9 | 6 |
| 12 | 6125 | Makrite, model 9500, type N95 | facial hair | 18 | 4 | 11 | 7 |
| 13 | 6135 | Makrite, model 9500, type N95 | facial hair | 48 | 2 | 2 | 17 |
| 14 | 2128 | GIKO, model 1200H, type N95 | facial hair | 3 | 20 | 20 | 15 |
| 15 | 4129 | Grande, model CDN3S-P2, type FFP2 | facial hair | 12 | 2 | 2 | 3 |
| 16 | 6226 | Xiantao Zhong Yi, model ZYB - 11, type N95 | facial hair | 4 | 2 | 9 | 3 |

^a Small size

^b Acquired on own account

^c Provided by PHC