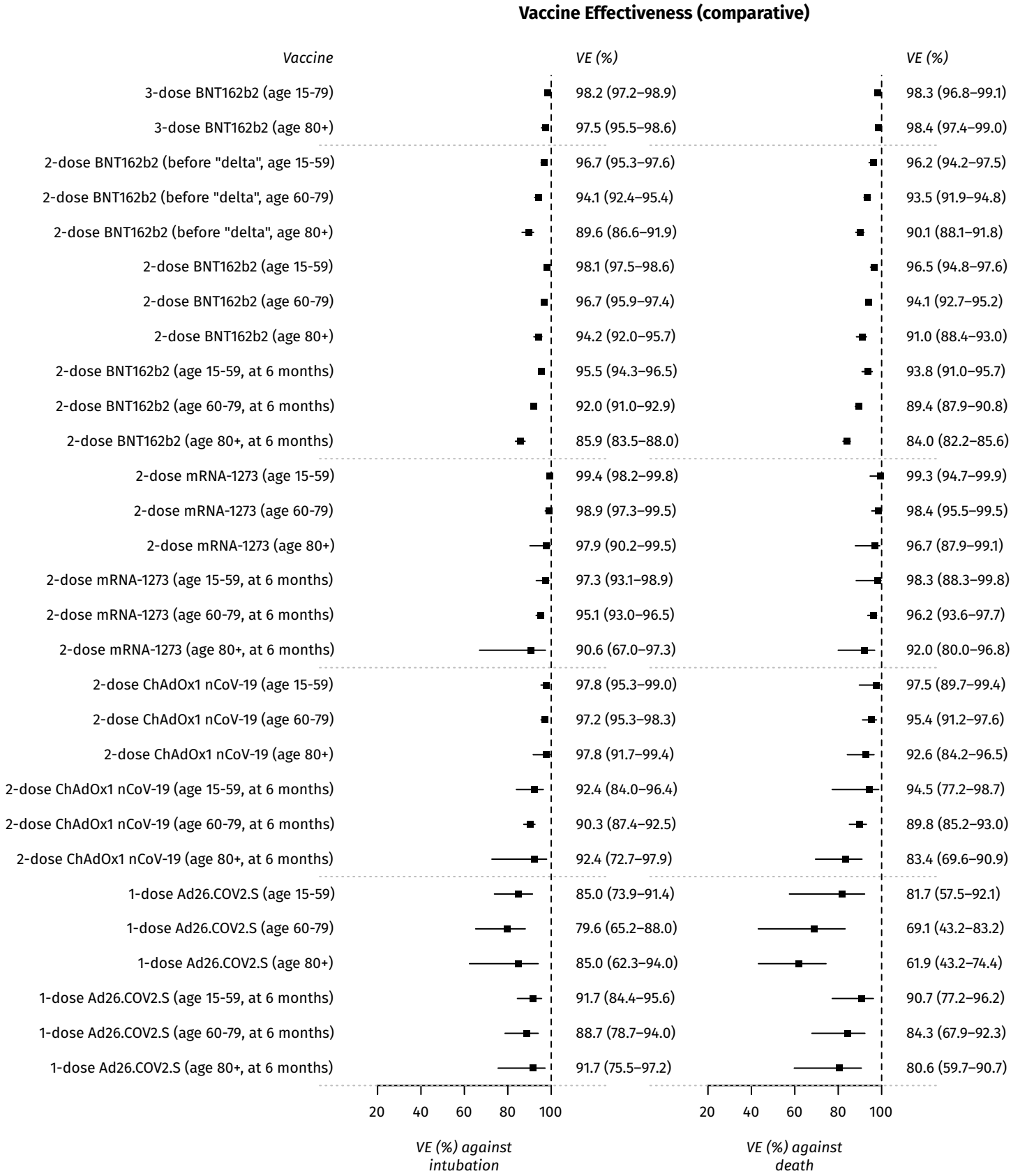
Vaccine Effectiveness (comparative)
Vaccine
VE (%)
VE (%)
3-dose BNT162b2 (age 15-79)
98.2 (97.2–98.9)
98.3 (96.8–99.1)
3-dose BNT162b2 (age 80+)
97.5 (95.5–98.6)
98.4 (97.4–99.0)
2-dose BNT162b2 (before "delta", age 15-59)
96.7 (95.3–97.6)
96.2 (94.2–97.5)
2-dose BNT162b2 (before "delta", age 60-79)
94.1 (92.4–95.4)
93.5 (91.9–94.8)
2-dose BNT162b2 (before "delta", age 80+)
89.6 (86.6–91.9)
90.1 (88.1–91.8)
2-dose BNT162b2 (age 15-59)
98.1 (97.5–98.6)
96.5 (94.8–97.6)
2-dose BNT162b2 (age 60-79)
96.7 (95.9–97.4)
94.1 (92.7–95.2)
2-dose BNT162b2 (age 80+)
94.2 (92.0–95.7)
91.0 (88.4–93.0)
2-dose BNT162b2 (age 15-59, at 6 months)
95.5 (94.3–96.5)
93.8 (91.0–95.7)
2-dose BNT162b2 (age 60-79, at 6 months)
92.0 (91.0–92.9)
89.4 (87.9–90.8)
2-dose BNT162b2 (age 80+, at 6 months)
85.9 (83.5–88.0)
84.0 (82.2–85.6)
2-dose mRNA-1273 (age 15-59)
99.4 (98.2–99.8)
99.3 (94.7–99.9)
2-dose mRNA-1273 (age 60-79)
98.9 (97.3–99.5)
98.4 (95.5–99.5)
2-dose mRNA-1273 (age 80+)
97.9 (90.2–99.5)
96.7 (87.9–99.1)
2-dose mRNA-1273 (age 15-59, at 6 months)
97.3 (93.1–98.9)
98.3 (88.3–99.8)
2-dose mRNA-1273 (age 60-79, at 6 months)
95.1 (93.0–96.5)
96.2 (93.6–97.7)
2-dose mRNA-1273 (age 80+, at 6 months)
90.6 (67.0–97.3)
92.0 (80.0–96.8)
2-dose ChAdOx1 nCoV-19 (age 15-59)
97.8 (95.3–99.0)
97.5 (89.7–99.4)
2-dose ChAdOx1 nCoV-19 (age 60-79)
97.2 (95.3–98.3)
95.4 (91.2–97.6)
2-dose ChAdOx1 nCoV-19 (age 80+)
97.8 (91.7–99.4)
92.6 (84.2–96.5)
2-dose ChAdOx1 nCoV-19 (age 15-59, at 6 months)
92.4 (84.0–96.4)
94.5 (77.2–98.7)
2-dose ChAdOx1 nCoV-19 (age 60-79, at 6 months)
90.3 (87.4–92.5)
89.8 (85.2–93.0)
2-dose ChAdOx1 nCoV-19 (age 80+, at 6 months)
92.4 (72.7–97.9)
83.4 (69.6–90.9)
1-dose Ad26.COV2.S (age 15-59)
85.0 (73.9–91.4)
81.7 (57.5–92.1)
1-dose Ad26.COV2.S (age 60-79)
79.6 (65.2–88.0)
69.1 (43.2–83.2)
1-dose Ad26.COV2.S (age 80+)
85.0 (62.3–94.0)
61.9 (43.2–74.4)
1-dose Ad26.COV2.S (age 15-59, at 6 months)
91.7 (84.4–95.6)
90.7 (77.2–96.2)
1-dose Ad26.COV2.S (age 60-79, at 6 months)
88.7 (78.7–94.0)
84.3 (67.9–92.3)
1-dose Ad26.COV2.S (age 80+, at 6 months)
91.7 (75.5–97.2)
80.6 (59.7–90.7)
20
40
60
80
100
VE (%) against intubation
20
40
60
80
100
VE (%) against death