

**Table 1:** Summary of the GRADE quality of evidence assessments for the remaining outcomes

Comparison	Viral load 24 weeks	Viral load 48 weeks	Viral load 96 weeks	CD4 CDF 24 weeks	CD4 CDF 48 weeks	CD4 CDF 96 weeks
DTG vs. EFV	⊕⊕⊕ Moderate 2.06 (0.85, 5.03)	⊕⊕⊕⊕ High 1.87 (1.34, 2.64)	⊕⊕⊕⊕ High 1.89 (1.39, 2.59)	⊕⊕ Low 34.4 (3.46, 64.8)	⊕⊕ Low 22.9 (7.04, 38.9)	⊕⊕⊕ Moderate 26.1 (6.54, 45.3)
RAL vs. EFV	⊕⊕⊕ Moderate 1.56 (0.61, 3.96)	⊕⊕⊕ Moderate 1.40 (1.02, 1.96)	⊕⊕⊕ Moderate 1.44 (1.06, 1.95)	⊕⊕ Low 16.9 (-14.1, 47.9)	⊕⊕⊕ Moderate 20.1 (7.04, 33.11)	⊕⊕ Low 19.2 (3.30, 35.1)
EVG/c vs. EFV	⊕⊕⊕ Moderate 1.58 (0.58, 4.43)	⊕⊕⊕ Moderate 1.28 (0.87, 1.89)	⊕⊕⊕ Moderate 1.10 (0.76, 1.61)	⊕⊕ Low 47.6 (-19.5, 114.2)	⊕⊕ Low 18.5 (1.27, 35.4)	⊕⊕ Low 13.3 (-6.55, 32.9)
LPV/r vs. EFV	⊕⊕ Low 0.64 (0.33, 1.31)	⊕⊕ Low 0.76 (0.59, 0.98)	⊕⊕ Low 0.69 (0.48, 1.06)	⊕⊕ Low 12.6 (-0.19, 24.8)	⊕⊕⊕ Moderate 18.1 (6.80, 28.9)	⊕⊕⊕ Moderate 42.1 (27.4, 56.2)
ATV/r vs. EFV	⊕⊕ Low 1.23 (0.58, 2.72)	⊕⊕ Low 0.90 (0.74, 1.10)	⊕⊕⊕ Moderate 0.92 (0.74, 1.20)	⊕ Very Low 17.9 (-12.0, 47.7)	⊕⊕ Low 3.50 (-4.41, 11.6)	⊕⊕ Low 16.6 (5.82, 27.2)
DRV/r vs. EFV	⊕⊕ Low 0.94 (0.35, 2.56)	⊕⊕ Low 0.91 (0.66, 1.28)	⊕⊕ Low 0.99 (0.72, 1.43)	⊕ Very Low 11.2 (-20.5, 43.5)	⊕ Very Low -1.98 (-17.7, 13.8)	⊕ Very Low -1.38 (-20.5, 17.3)
NVP vs. EFV	⊕⊕⊕ Moderate 0.73 (0.44, 1.23)	⊕⊕⊕ Moderate 0.87 (0.70, 1.07)	⊕ Very low 0.53 (0.22, 1.23)	⊕⊕ Low 5.12 (-5.64, 16.3)	⊕⊕ Low 5.42 (-3.77, 14.5)	⊕⊕ Low -12.6 (-34.6, 9.15)
low EFV vs. EFV		⊕⊕ Low 1.16 (0.67, 2.02)	⊕⊕⊕ Moderate 1.20 (0.72, 1.97)	⊕⊕ Low 14.2 (-2.03, 30.6)	⊕⊕⊕ Moderate 25.5 (6.66, 44.4)	⊕⊕ Low 26.8 (3.52, 50.5)
RPV vs. EFV	⊕⊕ Low 0.75 (0.35, 1.52)	⊕⊕ Low 1.18 (0.90, 1.55)	⊕⊕⊕ Moderate 1.34 (0.93, 1.96)	⊕⊕ Low 16.6 (1.53, 31.3)	⊕⊕ Low 12.3 (0.58, 24.3)	⊕⊕⊕ Moderate 8.30 (-14.1, 30.9)
RAL vs. DTG	⊕⊕ Low 0.75 (0.20, 2.73)	⊕⊕ Low 0.75 (0.53, 1.05)	⊕⊕⊕ Moderate 0.76 (0.56, 1.02)	⊕ Very Low -17.2 (-60.5, 26.6)	⊕⊕ Low -2.83 (-18.6, 12.8)	⊕⊕ Low -6.78 (-25.7, 12.2)
EVG/c vs DTG	⊕⊕ Low 0.77 (0.20, 2.98)	⊕⊕ Low 0.68 (0.41, 1.14)	⊕⊕ Low 0.58 (0.36, 0.93)	⊕ Very Low 13.4 (-60.5, 87.2)	⊕ Very Low -4.49 (-27.4, 18.5)	⊕ Very Low -12.6 (-40.0, 14.5)
LPV/r vs DTG	⊕⊕ Low 0.31 (0.10, 0.94)	⊕⊕⊕ Moderate 0.40 (0.27, 0.60)	⊕⊕⊕ Moderate 0.37 (0.24, 0.57)	⊕ Very Low -21.9 (-54.9, 11.0)	⊕ Very Low -4.87 (-23.7, 13.9)	⊕ Very Low 16.0 (-7.35, 39.4)
ATV/r vs DTG	⊕⊕ Low 0.60 (0.19, 1.97)	⊕⊕⊕ Moderate 0.48 (0.33, 0.69)	⊕⊕⊕ Moderate 0.49 (0.35, 0.69)	⊕ Very Low -16.2 (-59.4, 26.9)	⊕ Very Low -19.4 (-35.9, -2.91)	⊕ Very Low -9.48 (-29.8, 10.7)
DRV/r vs DTG	⊕⊕ Low 0.45 (0.12, 1.75)	⊕⊕⊕ Moderate 0.49 (0.33, 0.72)	⊕⊕⊕⊕ High 0.52 (0.38, 0.74)	⊕ Very Low -22.9 (-67.5, 21.5)	⊕⊕⊕ Moderate -24.8 (-42.5, -7.13)	⊕⊕ Low -27.4 (-48.9, -5.98)
NVP vs DTG	⊕⊕ Low 0.35 (0.13, 0.98)	⊕⊕⊕ Moderate 0.46 (0.32, 0.68)	⊕⊕⊕ Moderate 0.28 (0.11, 0.68)	⊕ Very Low -29.0 (-61.4, 3.4)	⊕ Very Low -17.5 (-35.9, 0.67)	⊕⊕ Low -38.6 (-67.6, -9.96)
Low EFV vs DTG		⊕⊕ Low 0.62 (0.33, 1.17)	⊕⊕ Low 0.63 (0.35, 1.13)	⊕ Very Low -20.1 (-54.1, 14.5)	⊕ Very Low 2.56 (-21.7, 27.1)	⊕ Very Low 0.82 (-29.4, 31.4)
RPV vs DTG	⊕⊕ Low 0.37 (0.11, 1.12)	⊕⊕ Low 0.63 (0.41, 0.98)	⊕⊕ Low 0.71 (0.43, 1.14)	⊕ Very Low -17.8 (-51.9, 16.1)	⊕ Very Low -10.6 (-30.1, 9.21)	⊕ Very Low -17.6 (-46.9, 11.9)
EVG/c vs RAL	⊕⊕ Low 1.01 (0.34, 3.26)	⊕⊕ Low 0.91 (0.56, 1.50)	⊕⊕ Low 0.76 (0.48, 1.23)	⊕ Very Low 30.9 (-43.1, 104.6)	⊕ Very Low -1.64 (-22.6, 19.2)	⊕ Very Low -5.72 (-30.4, 18.6)

Comparison	Viral load 24 weeks	Viral load 48 weeks	Viral load 96 weeks	CD4 CDF 24 weeks	CD4 CDF 48 weeks	CD4 CDF 96 weeks
LPV/r vs RAL	⊕⊕ Low 0.41 (0.14, 1.26)	⊕⊕⊕ Moderate 0.54 (0.37, 0.78)	⊕⊕⊕ Moderate 0.48 (0.32, 0.76)	⊕ Very Low -4.53 (-37.7, 28.8)	⊕ Very Low -2.12 (-18.2, 14.2)	⊕ Very Low 22.8 (2.63, 42.7)
ATV/r vs. RAL	⊕⊕⊕ Moderate 0.79 (0.38, 1.80)	⊕⊕⊕⊕ High 0.64 (0.46, 0.89)	⊕⊕⊕⊕ High 0.64 (0.47, 0.89)	⊕⊕ Low 0.99 (-12.8, 15.2)	⊕⊕ Low -16.6 (-29.8, -3.31)	⊕⊕ Low -2.64 (-18.8, 13.5)
DRV/r vs. RAL	⊕⊕⊕ Moderate 0.60 (0.27, 1.43)	⊕⊕⊕ Moderate 0.65 (0.45, 0.94)	⊕⊕⊕ Moderate 0.68 (0.49, 0.99)	⊕⊕ Low -5.60 (-19.9, 8.80)	⊕⊕ Low -22.1 (-37.6, -6.48)	⊕⊕ Low -20.6 (-39.2, -1.91)
NVP vs RAL	⊕⊕⊕ Moderate 0.47 (0.18, 1.26)	⊕⊕⊕ Moderate 0.62 (0.43, 0.89)	⊕⊕⊕ Moderate 0.37 (0.15, 0.88)	⊕ Very Low -11.8 (-42.3, 18.6)	⊕ Very Low -14.7 (-30.1, 0.90)	⊕ Very Low -31.9 (-58.5, -4.90)
low EFV vs RAL		⊕⊕ Low 0.82 (0.44, 1.55)	⊕⊕ Low 0.82 (0.46, 1.47)	⊕ Very Low -2.81 (-36.9, 31.7)	⊕ Very Low 5.42 (-17.3, 28.2)	⊕ Very Low 7.71 (-20.6, 35.8)
RPV vs RAL	⊕⊕ Low 0.48 (0.13, 1.61)	⊕⊕ Low 0.85 (0.55, 1.28)	⊕⊕ Low 0.93 (0.57, 1.51)	⊕ Very Low -0.43 (-34.6, 34.0)	⊕ Very Low -7.79 (-25.6, 9.72)	⊕ Very Low -10.8 (-38.2, 16.7)
LPV/r vs EVG/c	⊕⊕ Low 0.41 (0.13, 1.30)	⊕⊕ Low 0.59 (0.38, 0.92)	⊕⊕ Low 0.63 (0.39, 1.07)	⊕ Very Low -35.2 (-103.0, 32.8)	⊕ Very Low -0.49 (-20.1, 19.4)	⊕ Very Low 28.7 (5.08, 52.3)
ATV/r vs. EVG/c	⊕⊕⊕ Moderate 0.78 (0.34, 1.83)	⊕⊕⊕ Moderate 0.70 (0.48, 1.04)	⊕⊕⊕ Moderate 0.84 (0.58, 1.25)	⊕ Very Low -29.6 (-102.6, 44.0)	⊕⊕ Low -14.9 (-32.1, 2.34)	⊕⊕ Low 3.26 (-17.1, 23.7)
DRV/r vs EVG/c	⊕⊕ Low 0.60 (0.20, 1.76)	⊕⊕ Low 0.71 (0.44, 1.16)	⊕⊕ Low 0.90 (0.56, 1.47)	⊕ Very Low -36.4 (-110.3, 38.0)	⊕ Very Low -20.4 (-42.9, 2.43)	⊕ Very Low -14.8 (-41.4, 11.7)
NVP vs EVG/c	⊕⊕ Low 0.46 (0.16, 1.31)	⊕⊕ Low 0.68 (0.44, 1.04)	⊕⊕ Low 0.48 (0.19, 1.21)	⊕ Very Low -42.6 (-110.5, 25.4)	⊕ Very Low -12.9 (-32.3, 6.05)	⊕ Very Low -25.9 (-55.3, 3.77)
low EFV vs EVG/c		⊕⊕ Low 0.90 (0.46, 1.77)	⊕⊕ Low 1.09 (0.57, 2.04)	⊕ Very Low -33.6 (-101.9, 35.8)	⊕ Very Low 6.96 (-18.5, 32.4)	⊕ Very Low 13.5 (-16.7, 44.3)
RPV vs EVG/c	⊕⊕ Low 0.48 (0.13, 1.61)	⊕⊕ Low 0.92 (0.57, 1.48)	⊕⊕ Low 1.21 (0.71, 2.08)	⊕ Very Low -31.2 (-99.0, 37.1)	⊕ Very Low -6.06 (-27.2, 14.7)	⊕ Very Low -5.05 (-35.3, 25.2)
ATV/r vs LPV/r	⊕⊕ Low 1.93 (0.76, 4.88)	⊕⊕ Low 1.18 (0.92, 1.54)	⊕⊕⊕ Moderate 1.34 (0.93, 1.85)	⊕ Very Low 5.48 (-27.3, 38.1)	⊕⊕ Low -14.5 (-26.2, -2.65)	⊕⊕ Low -25.4 (-40.7, -10.3)
DRV/r vs LPV/r	⊕⊕ Low 1.47 (0.46, 4.52)	⊕⊕⊕ Moderate 1.21 (0.87, 1.69)	⊕⊕⊕ Moderate 1.42 (0.98, 2.03)	⊕ Very Low -1.14 (-35.4, 33.5)	⊕⊕ Low -19.9 (-38.1, -2.04)	⊕⊕ Low -43.5 (-65.2, -21.3)
NVP vs LPV/r	⊕⊕⊕ Moderate 1.13 (0.52, 2.44)	⊕⊕ Low 1.15 (0.85, 1.54)	⊕⊕⊕ Moderate 0.76 (0.32, 1.77)	⊕⊕ Low -7.36 (-23.2, 9.04)	⊕⊕ Low -12.6 (-26.2, 0.98)	⊕⊕ Low -54.6 (-80.6, -28.6)
Low EFV vs LPV/r		⊕⊕ Low 1.52 (0.83, 2.81)	⊕⊕ Low 2.98 (0.82, 3.06)	⊕⊕ Low 1.73 (-18.8, 22.1)	⊕ Very Low 7.39 (-14.2, 29.05)	⊕ Very Low -15.0 (-42.5, 12.7)
RPV vs LPV/r	⊕⊕ Low 1.17 (0.42, 3.10)	⊕⊕⊕ Moderate 1.57 (1.07, 2.25)	⊕⊕⊕ Moderate 2.79 (0.86, 2.94)	⊕⊕ Low 3.96 (-15.5, 23.6)	⊕ Very Low -5.67 (-21.9, 10.8)	⊕ Very Low -33.7 (-60.5, -6.68)
DRV/r vs ATV/r	⊕⊕⊕ Moderate 0.76 (0.37, 1.56)	⊕⊕ Low 1.02 (0.74, 1.40)	⊕⊕⊕ Moderate 1.07 (0.77, 1.49)	⊕⊕ Low -6.71 (-20.7, 7.25)	⊕⊕ Low -5.52 (-20.7, 9.64)	⊕⊕ Low -17.9 (-36.4, 0.19)
NVP vs ATV/r	⊕⊕⊕ Moderate 0.59 (0.27, 1.30)	⊕⊕ Low 0.97 (0.76, 1.23)	⊕⊕⊕ Moderate 0.57 (0.23, 1.34)	⊕⊕ Low -12.8 (-42.1, 16.2)	⊕⊕ Low 1.84 (-9.11, 13.0)	⊕⊕ Low -29.1 (-53.8, -5.05)

Comparison	Viral load 24 weeks	Viral load 48 weeks	Viral load 96 weeks	CD4 CDF 24 weeks	CD4 CDF 48 weeks	CD4 CDF 96 weeks
low EFV vs ATV/r	-- --	⊕⊕⊕ 1.29 Moderate (0.72, 2.31)	⊕⊕ 1.28 Low (0.73, 2.25)	⊕ -3.70 Very Low (-37.9, 29.9)	⊕ 21.9 Very Low (1.46, 42.4)	⊕ 10.3 Very Low (-15.4, 36.6)
RPV vs ATV/r	⊕⊕ 0.61 Low (0.20, 1.69)	⊕⊕⊕ 1.32 Moderate (0.93, 1.83)	⊕⊕ 1.44 Low (0.92, 2.23)	⊕ -1.45 Very Low (-34.5, 32.3)	⊕ 8.73 Very Low (-5.38, 23.2)	⊕ -8.15 Very Low (-33.5, 16.8)
NVP vs DRV/r	⊕⊕ 0.77 Low (0.28, 2.17)	⊕⊕ 0.95 Low (0.65, 1.37)	⊕⊕ 0.54 Low (0.21, 1.30)	⊕ -6.00 Very Low (-37.7, 25.1)	⊕ 7.41 Very Low (-10.2, 25.1)	⊕ -11.1 Very Low (-40.1, 17.5)
low EFV vs DRV/r	-- --	⊕⊕ 1.26 Low (0.67, 2.39)	⊕⊕ 1.21 Low (0.64, 2.19)	⊕ 2.91 Very Low (-32.7, 38.4)	⊕ 27.6 Very Low (2.89, 51.8)	⊕ 28.4 Very Low (-1.51, 58.9)
RPV vs DRV/r	⊕⊕ 0.81 Low (0.23, 2.67)	⊕⊕ 1.29 Low (0.83, 1.98)	⊕⊕ 1.35 Low (0.80, 2.21)	⊕ 5.21 Very Low (-30.1, 40.2)	⊕ 14.4 Very Low (-5.55, 33.9)	⊕ 9.88 Very Low (-19.7, 39.4)
RPV vs NVP	⊕⊕ 1.03 Low (0.41, 2.42)	⊕⊕ 1.33 Low (0.74, 2.40)	⊕⊕ 2.52 Low (1.00, 6.65)	⊕ 9.00 Very Low (-10.5, 28.7)	⊕ 20.00 Very Low (-0.82, 41.00)	⊕ 39.5 Very Low (8.01, 71.7)
low EFV vs NVP	-- --	⊕⊕ 1.36 Low (0.96, 1.92)	⊕⊕ 2.23 Low (0.86, 6.23)	⊕ 11.3 Very Low (-6.83, 29.7)	⊕⊕ 6.92 Low (-7.99, 21.8)	⊕⊕ 20.9 Low (-9.82, 52.5)
RPV vs low EFV	-- --	⊕⊕ 1.02 Low (0.56, 1.87)	⊕⊕ 1.12 Low (0.60, 2.12)	⊕ 2.31 Very Low (-19.7, 24.4)	⊕⊕ -13.2 Low (-35.3, 9.34)	⊕⊕ -18.7 Low (-51.1, 13.8)

**Table 2:** Summary of the GRADE quality of evidence assessments for the remaining outcomes

Comparison	Mortality	ADIs	Discont. due to AE	Discontinuations	Emergent SAEs	Substitution
DTG vs. EFV	⊕⊕ Low 2.35 (0.39, 12.86)	⊕⊕⊕ Moderate 4.60 (0.32, 31.97)	⊕⊕⊕⊕ High 0.27 (0.15, 0.47)	⊕⊕⊕⊕ High 0.50 (0.32, 0.78)	⊕⊕⊕ Moderate 0.85 (0.42, 1.76)	⊕ Very low 4.80 (0.28, 89.3)
RAL vs. EFV	⊕⊕⊕ Moderate 1.75 (0.36, 7.00)	⊕⊕ Low 0.93 (0.31, 3.02)	⊕⊕⊕ Moderate 0.46 (0.25, 0.86)	⊕⊕⊕⊕ High 0.68 (0.50, 0.92)	⊕⊕⊕ Moderate 0.98 (0.57, 1.74)	⊕ Very low 2.65 (0.09, 85.8)
EVG/c vs. EFV	⊕⊕ Low 1.40 (0.23, 8.68)	⊕⊕ Low 43.8 (1.55, 364.1)	⊕⊕⊕ Moderate 0.69 (0.41, 1.17)	⊕⊕ Low 0.74 (0.50, 1.06)	⊕⊕ Low 2.08 (0.28, 64.16)	-- --
LPV/r vs. EFV	⊕⊕ Low 0.97 (0.53, 1.70)	⊕ Very Low 1.03 (0.60, 2.03)	⊕⊕ Low 1.36 (0.89, 2.10)	⊕ Very low 1.12 (0.88, 1.43)	⊕ Very low 1.10 (0.81, 1.76)	⊕⊕ Low 0.75 (0.20, 1.99)
ATV/r vs. EFV	⊕⊕ Low 0.78 (0.40, 1.43)	⊕⊕ Low 1.01 (0.57, 1.87)	⊕⊕ Low 0.89 (0.60, 1.33)	⊕⊕⊕ Moderate 0.87 (0.70, 1.05)	⊕⊕⊕ Moderate 0.91 (0.61, 1.35)	⊕⊕ Low 0.72 (0.34, 1.56)
DRV/r vs. EFV	⊕⊕ Low 0.38 (0.07, 1.43)	-- --	⊕⊕⊕ Moderate 0.47 (0.25, 0.90)	⊕⊕ Low 0.87 (0.63, 1.20)	⊕⊕ Low 0.63 (0.33, 1.35)	⊕⊕⊕ Moderate 1.31 (0.18, 10.12)
NVP vs. EFV	⊕⊕⊕ Moderate 1.75 (0.82, 3.81)	⊕⊕ Low 0.91 (0.14, 5.92)	⊕ Very Low 1.57 (0.97, 2.59)	⊕⊕⊕ Moderate 1.33 (1.03, 1.72)	⊕⊕⊕⊕ High 1.80 (1.03, 2.90)	⊕⊕ Low 1.81 (0.54, 4.06)
low EFV vs. EFV	⊕⊕⊕ Moderate 0.95 (0.20, 4.40)	⊕⊕ Low 1.99 (0.61, 7.33)	⊕⊕⊕⊕ High 0.39 (0.16, 0.90)	⊕⊕⊕ Moderate 0.92 (0.46, 1.84)	⊕⊕⊕ Moderate 1.01 (0.47, 2.19)	-- --
RPV vs. EFV	⊕⊕⊕⊕ High 0.12 (0.01, 0.88)	⊕⊕⊕ Moderate 1.14 (0.31, 3.70)	⊕⊕⊕ Moderate 0.40 (0.26, 0.62)	⊕⊕ Low 0.77 (0.58, 1.02)	⊕⊕⊕ Moderate 0.83 (0.55, 1.25)	⊕⊕⊕ Moderate 1.00 (0.20, 4.70)
RAL vs. DTG	⊕⊕ Low 0.77 (0.13, 3.51)	⊕⊕ Low 0.21 (0.02, 3.66)	⊕⊕⊕ Moderate 1.72 (0.88, 3.51)	⊕⊕⊕ Moderate 1.34 (0.92, 1.99)	⊕⊕⊕ Moderate 1.16 (0.65, 2.04)	⊕⊕⊕ Moderate 0.55 (0.08, 3.50)
EVG/c vs DTG	⊕ Very Low 0.59 (0.05, 8.14)	⊕⊕ Low 9.73 (0.19, 343.72)	⊕⊕⊕ Moderate 2.61 (1.20, 5.65)	⊕⊕ Low 1.46 (0.85, 2.53)	⊕ Very low 2.47 (0.28, 82.52)	-- --
LPV/r vs DTG	⊕⊕ Low 0.42 (0.07, 2.63)	⊕⊕ Low 0.23 (0.03, 3.45)	⊕⊕⊕ Moderate 5.18 (2.60, 9.93)	⊕⊕⊕ Moderate 2.24 (1.42, 3.53)	⊕⊕ Low 1.31 (0.61, 3.07)	⊕⊕ Low 0.15 (0.01, 2.88)
ATV/r vs DTG	⊕⊕ Low 0.33 (0.05, 2.23)	⊕⊕ Low 0.22 (0.03, 3.29)	⊕⊕⊕ Moderate 3.35 (1.73, 6.70)	⊕⊕⊕ Moderate 1.72 (1.12, 2.67)	⊕⊕⊕ Moderate 1.07 (0.47, 2.38)	⊕⊕ Low 0.15 (0.01, 2.28)
DRV/r vs DTG	⊕⊕⊕ Moderate 0.16 (0.02, 1.17)	-- --	⊕⊕⊕ Moderate 1.78 (0.88, 3.60)	⊕⊕⊕⊕ High 1.74 (1.15, 2.62)	⊕⊕⊕ Moderate 0.75 (0.29, 2.12)	⊕⊕⊕ Moderate 0.28 (0.03, 1.96)
NVP vs DTG	⊕ Very Low 0.75 (0.11, 5.44)	⊕⊕ Low 0.21 (0.01, 5.05)	⊕⊕⊕ Moderate 5.96 (2.85, 12.38)	⊕⊕⊕ Moderate 2.64 (1.63, 4.29)	⊕⊕ Low 2.12 (0.84, 4.86)	⊕⊕ Low 0.37 (0.01, 6.42)
Low EFV vs DTG	⊕ Very Low 0.41 (0.04, 4.23)	⊕⊕ Low 0.44 (0.04, 8.23)	⊕⊕ Low 1.47 (0.51, 4.11)	⊕⊕ Low 1.83 (0.81, 4.16)	⊕⊕ Low 1.20 (0.41, 3.32)	-- --
RPV vs DTG	⊕⊕⊕ Moderate 0.05 (0.00, 0.72)	⊕⊕ Low 0.25 (0.02, 4.84)	⊕⊕ Low 1.52 (0.75, 3.18)	⊕⊕ Low 1.54 (0.92, 2.59)	⊕⊕ Low 0.99 (0.43, 2.22)	⊕ Very low 0.20 (0.01, 5.00)
EVG/c vs RAL	⊕ Very Low 0.82 (0.08, 8.77)	⊕⊕ Low 46.45 (1.39, 561.70)	⊕⊕ Low 1.51 (0.66, 3.39)	⊕⊕ Low 1.09 (0.68, 1.72)	⊕ Very low 2.13 (0.26, 70.74)	-- --

Comparison	Mortality	ADIs	Discont. due to AE	Discontinuations	Emergent SAEs	Substitution
LPV/r vs RAL	⊕⊕ Low 0.56 (0.12, 2.91)	⊕⊕ Low 1.13 (0.31, 4.05)	⊕⊕⊕ Moderate 2.99 (1.41, 6.23)	⊕⊕⊕ Moderate 1.66 (1.17, 2.36)	⊕⊕ Low 1.12 (0.61, 2.37)	⊕ Very low 0.28 (0.01, 9.13)
ATV/r vs. RAL	⊕⊕ Low 0.45 (0.09, 2.42)	⊕⊕ Low 1.10 (0.30, 3.88)	⊕⊕ Low 1.96 (0.93, 4.04)	⊕⊕⊕ Moderate 1.28 (0.93, 1.75)	⊕⊕ Low 0.92 (0.46, 1.82)	⊕ Very low 0.27 (0.01, 7.71)
DRV/r vs. RAL	⊕⊕ Low 0.21 (0.03, 1.59)	-- --	⊕⊕ Low 1.03 (0.45, 2.36)	⊕⊕⊕ Moderate 1.29 (0.92, 1.81)	⊕⊕ Low 0.64 (0.28, 1.65)	⊕ Very low 0.50 (0.03, 7.72)
NVP vs RAL	⊕ Very Low 1.02 (0.20, 5.71)	⊕⊕ Low 0.97 (0.11, 8.84)	⊕⊕⊕ Moderate 3.45 (1.55, 7.57)	⊕⊕⊕ Moderate 1.96 (1.35, 2.88)	⊕⊕ Low 1.83 (0.81, 3.73)	⊕ Very low 0.67 (0.02, 21.3)
low EFV vs RAL	⊕ Very Low 0.55 (0.07, 4.94)	⊕⊕ Low 2.16 (0.40, 12.06)	⊕⊕ Low 0.85 (0.29, 2.46)	⊕⊕ Low 1.36 (0.63, 2.92)	⊕⊕ Low 1.03 (0.40, 2.62)	-- --
RPV vs RAL	⊕⊕⊕ Moderate 0.07 (0.00, 0.85)	⊕⊕ Low 1.22 (0.21, 6.24)	⊕⊕ Low 0.88 (0.42, 1.92)	⊕⊕ Low 1.14 (0.75, 1.73)	⊕⊕ Low 0.85 (0.42, 1.70)	⊕ Very low 0.38 (0.01, 16.5)
LPV/r vs EVG/c	⊕ Very Low 0.69 (0.10, 4.50)	⊕⊕ Low 0.02 (0.00, 0.72)	⊕⊕⊕ Moderate 1.97 (1.05, 3.72)	⊕⊕ Low 1.53 (1.01, 2.33)	⊕⊕ Low 0.54 (0.02, 4.28)	-- --
ATV/r vs. EVG/c	⊕⊕⊕ Moderate 0.56 (0.09, 3.07)	⊕⊕⊕ Moderate 0.02 (0.00, 0.64)	⊕⊕⊕ Moderate 1.28 (0.77, 2.22)	⊕⊕⊕ Moderate 1.18 (0.82, 1.70)	⊕⊕⊕ Moderate 0.44 (0.01, 3.13)	-- --
DRV/r vs EVG/c	⊕ Very Low 0.26 (0.02, 2.50)	-- --	⊕⊕⊕ Moderate 0.68 (0.31, 1.48)	⊕⊕ Low 1.19 (0.75, 1.88)	⊕⊕ Low 0.30 (0.01, 2.62)	-- --
NVP vs EVG/c	⊕ Very Low 1.26 (0.18, 8.36)	⊕⊕ Low 0.02 (0.00, 0.91)	⊕⊕⊕ Moderate 2.29 (1.18, 4.39)	⊕⊕⊕ Moderate 1.80 (1.18, 2.78)	⊕⊕ Low 0.85 (0.03, 6.87)	-- --
low EFV vs EVG/c	⊕ Very Low 0.68 (0.07, 7.26)	⊕⊕ Low 0.05 (0.00, 1.66)	⊕⊕ Low 0.56 (0.20, 1.51)	⊕⊕ Low 1.26 (0.57, 2.77)	⊕⊕ Low 0.48 (0.01, 4.21)	-- --
RPV vs EVG/c	⊕⊕ Low 0.09 (0.00, 1.27)	⊕⊕ Low 0.03 (0.00, 0.90)	⊕⊕ Low 0.59 (0.30, 1.17)	⊕⊕ Low 1.05 (0.66, 1.68)	⊕⊕ Low 0.40 (0.01, 3.19)	-- --
ATV/r vs LPV/r	⊕⊕ Low 0.81 (0.37, 1.71)	⊕⊕ Low 0.97 (0.40, 2.16)	⊕⊕⊕ Moderate 0.66 (0.41, 1.05)	⊕⊕⊕⊕ High 0.77 (0.60, 0.99)	⊕⊕ Low 0.82 (0.45, 1.32)	⊕⊕ Low 0.95 (0.29, 4.57)
DRV/r vs LPV/r	⊕⊕⊕ Moderate 0.39 (0.08, 1.38)	-- --	⊕⊕⊕⊕ High 0.35 (0.20, 0.62)	⊕⊕⊕ Moderate 0.78 (0.56, 1.07)	⊕⊕⊕ Moderate 0.57 (0.30, 1.06)	⊕ Very low 1.78 (0.20, 20.2)
NVP vs LPV/r	⊕ Very Low 1.80 (0.73, 4.78)	⊕ Very Low 0.87 (0.13, 5.92)	⊕⊕⊕ Moderate 1.16 (0.68, 2.00)	⊕⊕⊕ Moderate 1.18 (0.86, 1.62)	⊕⊕ Low 1.63 (0.76, 2.83)	⊕ Very low 2.45 (0.50, 10.5)
Low EFV vs LPV/r	⊕⊕ Low 0.99 (0.20, 5.13)	⊕⊕ Low 1.92 (0.48, 7.67)	⊕⊕ Low 0.29 (0.11, 0.75)	⊕⊕ Low 0.82 (0.39, 1.71)	⊕⊕ Low 0.92 (0.36, 2.04)	-- --
RPV vs LPV/r	⊕⊕⊕ Moderate 0.13 (0.01, 0.97)	⊕⊕ Low 1.08 (0.25, 3.98)	⊕⊕⊕ Moderate 0.30 (0.16, 0.56)	⊕⊕ Low 0.69 (0.47, 1.00)	⊕⊕ Low 0.76 (0.40, 1.25)	⊕ Very low 1.36 (0.22, 10.1)
DRV/r vs ATV/r	⊕⊕ Low 0.48 (0.09, 1.99)	-- --	⊕⊕⊕ Moderate 0.53 (0.28, 1.02)	⊕⊕⊕ Moderate 1.01 (0.74, 1.37)	⊕⊕⊕ Moderate 0.70 (0.34, 1.55)	⊕⊕ Low 1.81 (0.29, 12.1)
NVP vs ATV/r	⊕ Very Low 2.26 (0.95, 5.44)	⊕⊕ Low 0.90 (0.14, 5.63)	⊕⊕⊕⊕ High 1.77 (1.13, 2.79)	⊕⊕⊕⊕ High 1.53 (1.17, 2.02)	⊕⊕⊕⊕ High 1.98 (1.05, 3.53)	⊕⊕ Low 2.54 (0.56, 7.18)

Comparison	Mortality	ADIs	Discont. due to AE	Discontinuations	Emergent SAEs	Substitution
low EFV vs ATV/r	⊕ Very Low 1.23 (0.24, 6.53)	⊕⊕ Low 1.98 (0.51, 7.93)	⊕⊕ Low 0.44 (0.16, 1.12)	⊕⊕ Low 1.07 (0.51, 2.20)	⊕⊕ Low 1.12 (0.47, 2.66)	-- --
RPV vs ATV/r	⊕⊕ Low 0.16 (0.01, 1.25)	⊕⊕ Low 1.12 (0.26, 4.11)	⊕⊕⊕ Moderate 0.46 (0.25, 0.81)	⊕⊕ Low 0.89 (0.63, 1.26)	⊕⊕ Low 0.92 (0.52, 1.63)	⊕⊕ Low 1.40 (0.23, 7.62)
NVP vs DRV/r	⊕⊕ Low 4.69 (1.00, 27.5)	-- --	⊕⊕⊕ Moderate 3.36 (1.60, 6.86)	⊕⊕ Low 1.52 (1.05, 2.23)	⊕⊕⊕ Moderate 2.84 (1.09, 6.30)	⊕ Very low 1.35 (0.12, 10.9)
low EFV vs DRV/r	⊕ Very Low 2.56 (0.35, 23.3)	-- --	⊕⊕ Low 0.83 (0.28, 2.39)	⊕⊕ Low 1.06 (0.48, 2.27)	⊕⊕ Low 1.62 (0.54, 4.31)	-- --
RPV vs DRV/r	⊕ Very Low 0.33 (0.02, 3.96)	-- --	⊕⊕ Low 0.86 (0.40, 1.85)	⊕⊕ Low 0.89 (0.58, 1.36)	⊕⊕ Low 1.33 (0.55, 2.80)	⊕ Very low 0.76 (0.06, 9.27)
RPV vs NVP	⊕ Very Low 0.55 (0.10, 2.95)	⊕⊕ Low 2.24 (0.24, 19.46)	⊕⊕⊕ Moderate 0.25 (0.09, 0.65)	⊕⊕ Low 0.70 (0.33, 1.45)	⊕⊕ Low 0.57 (0.23, 1.47)	⊕ Very low 0.56 (0.10, 4.12)
low EFV vs NVP	⊕⊕⊕ Moderate 0.07 (0.00, 0.56)	⊕⊕ Low 1.24 (0.13, 10.43)	⊕⊕⊕ Moderate 0.26 (0.13, 0.50)	⊕⊕ Low 0.58 (0.40, 0.85)	⊕⊕⊕ Moderate 0.47 (0.25, 0.93)	-- --
RPV vs low EFV	⊕⊕ Low 0.13 (0.01, 1.60)	⊕⊕ Low 0.56 (0.09, 3.07)	⊕⊕ Low 1.04 (0.41, 2.80)	⊕⊕ Low 0.84 (0.40, 1.79)	⊕⊕ Low 0.82 (0.34, 1.96)	-- --