

TABLE 165: GENOTYPE 1 WITH CIRRHOSIS TREATMENT-EXPERIENCED WITH EMERGING TREATMENTS: RELATIVE RISKS AND RISK DIFFERENCE FOR ALL TREATMENT COMPARISONS — RANDOM EFFECTS MODEL

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
SOF12 + LDV12	PR48	4.57 (2.51 to 7.03)	57.38 (25.48 to 75.35)
SOF24 + LDV24		4.79 (1.59 to 7.68)	61.82 (9.39 to 81.47)
SOF12 + LDV12 + RBV12		4.90 (3.15 to 7.44)	62.41 (37.31 to 76.96)
SOF24 + LDV24 + RBV24		5.59 (3.58 to 8.33)	74.32 (43.55 to 84.79)
T12 PR48 q8		3.12 (1.38 to 5.50)	33.40 (6.31 to 61.82)
SIM12 PR24-48 RGT		3.68 (1.67 to 6.25)	42.94 (11.03 to 69.35)
SIM12 PR48		2.76 (0.87 to 5.47)	27.67 (-2.10 to 62.62)
B32 PR36-48 RGT		2.55 (0.76 to 5.71)	24.42 (-3.98 to 60.65)
DCV24 + ASU24		5.44 (3.40 to 8.17)	71.02 (42.78 to 82.72)
DCV24 + ASU24 + PR24		5.68 (3.95 to 8.31)	74.65 (54.74 to 83.96)
SIM12 + SOF12		4.76 (1.65 to 7.70)	60.79 (10.54 to 83.22)
SOF12 + SIM12 + RBV12		4.73 (1.68 to 7.61)	60.83 (11.02 to 82.96)
SOF12 + PR12		2.56 (0.25 to 6.84)	24.47 (-12.16 to 78.78)
GRZ12 + ELB12 + RBV12		5.87 (4.15 to 8.53)	77.72 (59.55 to 85.35)
DCV12 + ASU12 + BEC12 + RBV12		5.94 (4.08 to 8.90)	79.07 (59.24 to 87.46)
DCV12 + ASU12 + BEC12		5.65 (3.47 to 8.68)	74.75 (46.00 to 86.39)
SOF24 + LDV24	SOF12 + LDV12	1.06 (0.39 to 1.77)	4.44 (-42.62 to 36.43)
SOF12 + LDV12 + RBV12		1.07 (0.81 to 1.66)	4.92 (-14.99 to 29.32)
SOF24 + LDV24 + RBV24		1.21 (0.85 to 2.10)	15.39 (-11.46 to 47.38)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
T12 PR48 q8		0.69 (0.30 to 1.40)	-22.79 (-57.10 to 19.22)
SIM12 PR24-48 RGT		0.82 (0.36 to 1.55)	-13.27 (-51.17 to 25.64)
SIM12 PR48		0.61 (0.19 to 1.37)	-28.03 (-65.03 to 18.81)
B32 PR36-48 RGT		0.56 (0.17 to 1.26)	-31.24 (-67.27 to 12.96)
DCV24 + ASU24		1.18 (0.83 to 2.00)	12.92 (-13.81 to 43.26)
DCV24 + ASU24 + PR24		1.23 (0.89 to 2.21)	16.74 (-9.37 to 50.70)
SIM12 + SOF12		1.04 (0.37 to 1.99)	3.04 (-50.00 to 44.87)
SOF12 + SIM12 + RBV12		1.04 (0.37 to 1.94)	3.26 (-49.10 to 43.49)
SOF12 + PR12		0.57 (0.05 to 1.64)	-29.83 (-77.26 to 32.64)
GRZ12 + ELB12 + RBV12		1.27 (0.96 to 2.21)	19.60 (-3.76 to 51.53)
DCV12 + ASU12 + BEC12 + RBV12		1.29 (0.94 to 2.31)	21.30 (-5.56 to 54.63)
DCV12 + ASU12 + BEC12		1.23 (0.81 to 2.23)	16.75 (-16.16 to 51.71)
SOF12 + LDV12 + RBV12	SOF24 + LDV24	1.01 (0.73 to 2.58)	0.69 (-22.90 to 42.19)
SOF24 + LDV24 + RBV24		1.14 (0.77 to 3.31)	10.88 (-19.60 to 61.81)
T12 PR48 q8		0.66 (0.28 to 2.12)	-26.62 (-63.27 to 30.80)
SIM12 PR24-48 RGT		0.78 (0.34 to 2.33)	-16.83 (-57.04 to 37.35)
SIM12 PR48		0.58 (0.19 to 1.98)	-31.92 (-71.21 to 28.32)
B32 PR36-48 RGT		0.54 (0.17 to 1.69)	-34.69 (-72.55 to 22.26)
DCV24 + ASU24		1.11 (0.78 to 3.08)	8.51 (-19.32 to 56.43)
DCV24 + ASU24 + PR24		1.16 (0.83 to 3.53)	12.39 (-15.27 to 64.56)
SIM12 + SOF12		0.99 (0.35 to 2.93)	-1.00 (-53.90 to 55.07)
SOF12 + SIM12 + RBV12		0.99 (0.35 to 2.93)	-0.97 (-54.87 to 55.81)
SOF12 + PR12		0.56 (0.05 to 2.09)	-32.36 (-82.83 to 37.66)
GRZ12 + ELB12 + RBV12		1.19 (0.89 to 3.63)	15.04 (-9.72 to 67.53)
DCV12 + ASU12 + BEC12 + RBV12		1.21 (0.88 to 3.73)	16.38 (-10.94 to 68.64)
DCV12 + ASU12 + BEC12		1.15 (0.76 to 3.54)	11.85 (-20.92 to 65.27)
SOF24 + LDV24 + RBV24	SOF12 + LDV12 + RBV12	1.14 (0.79 to 1.61)	11.08 (-16.49 to 34.99)
T12 PR48 q8		0.64 (0.29 to 1.17)	-28.06 (-59.32 to 9.77)
SIM12 PR24-48 RGT		0.76 (0.34 to 1.23)	-18.53 (-53.64 to 14.71)
SIM12 PR48		0.56 (0.18 to 1.16)	-33.92 (-67.20 to 9.98)
B32 PR36-48 RGT		0.53 (0.17 to 1.02)	-36.49 (-67.79 to 1.03)
DCV24 + ASU24		1.10 (0.83 to 1.47)	8.06 (-13.11 to 27.68)
DCV24 + ASU24 + PR24		1.15 (0.86 to 1.69)	12.00 (-11.96 to 38.10)
SIM12 + SOF12		0.99 (0.33 to 1.55)	-1.06 (-54.27 to 32.66)
SOF12 + SIM12 + RBV12		0.98 (0.35 to 1.56)	-1.41 (-52.21 to 32.90)
SOF12 + PR12		0.53 (0.05 to 1.35)	-35.90 (-79.29 to 22.44)
GRZ12 + ELB12 + RBV12		1.19 (0.92 to 1.75)	14.84 (-6.57 to 40.70)
DCV12 + ASU12 + BEC12 + RBV12		1.20 (0.91 to 1.78)	15.96 (-7.90 to 42.31)
DCV12 + ASU12 + BEC12		1.15 (0.78 to 1.73)	11.83 (-18.94 to 39.73)
T12 PR48 q8	SOF24 + LDV24 + RBV24	0.56 (0.25 to 1.01)	-39.46 (-69.73 to 0.56)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
SIM12 PR24-48 RGT		0.67 (0.30 to 1.11)	-29.58 (-64.62 to 7.37)
SIM12 PR48		0.50 (0.16 to 0.99)	-44.65 (-77.46 to -0.96)
B32 PR36-48 RGT		0.46 (0.14 to 0.92)	-47.52 (-79.86 to -5.95)
DCV24 + ASU24		0.97 (0.68 to 1.43)	-3.06 (-29.16 to 26.51)
DCV24 + ASU24 + PR24		1.00 (0.77 to 1.54)	0.19 (-21.79 to 32.09)
SIM12 + SOF12		0.86 (0.30 to 1.38)	-12.98 (-62.79 to 24.93)
SOF12 + SIM12 + RBV12		0.87 (0.31 to 1.39)	-12.22 (-62.40 to 24.68)
SOF12 + PR12		0.46 (0.04 to 1.18)	-47.04 (-88.43 to 12.99)
GRZ12 + ELB12 + RBV12		1.03 (0.83 to 1.57)	2.93 (-15.84 to 34.57)
DCV12 + ASU12 + BEC12 + RBV12		1.05 (0.83 to 1.60)	4.22 (-15.87 to 35.90)
DCV12 + ASU12 + BEC12		1.00 (0.71 to 1.54)	0.04 (-27.34 to 32.89)
SIM12 PR24-48 RGT	T12 PR48 q8	1.19 (0.49 to 2.89)	9.48 (-33.18 to 48.84)
SIM12 PR48		0.89 (0.45 to 1.37)	-5.39 (-24.89 to 15.49)
B32 PR36-48 RGT		0.82 (0.23 to 2.31)	-8.52 (-50.34 to 37.10)
DCV24 + ASU24		1.74 (0.96 to 3.84)	36.67 (-3.10 to 66.42)
DCV24 + ASU24 + PR24		1.82 (1.11 to 3.99)	40.53 (7.72 to 69.13)
SIM12 + SOF12		1.50 (0.50 to 3.54)	25.59 (-29.25 to 64.29)
SOF12 + SIM12 + RBV12		1.50 (0.50 to 3.59)	25.42 (-30.62 to 64.45)
SOF12 + PR12		0.83 (0.08 to 2.79)	-8.29 (-57.06 to 53.91)
GRZ12 + ELB12 + RBV12		1.88 (1.14 to 4.11)	43.51 (10.47 to 71.28)
DCV12 + ASU12 + BEC12 + RBV12		1.90 (1.15 to 4.23)	44.58 (10.85 to 73.11)
DCV12 + ASU12 + BEC12		1.80 (0.99 to 4.04)	39.79 (-0.63 to 70.54)
SIM12 PR48	SIM12 PR24-48 RGT	0.74 (0.23 to 1.95)	-15.12 (-55.65 to 32.01)
B32 PR36-48 RGT		0.69 (0.20 to 1.92)	-18.06 (-59.18 to 30.23)
DCV24 + ASU24		1.45 (0.88 to 3.24)	26.66 (-9.15 to 61.94)
DCV24 + ASU24 + PR24		1.52 (1.00 to 3.36)	30.57 (-0.35 to 64.65)
SIM12 + SOF12		1.26 (0.43 to 2.88)	15.91 (-37.54 to 57.39)
SOF12 + SIM12 + RBV12		1.27 (0.45 to 2.89)	16.52 (-37.28 to 57.15)
SOF12 + PR12		0.70 (0.07 to 2.27)	-16.66 (-66.61 to 45.89)
GRZ12 + ELB12 + RBV12		1.57 (1.03 to 3.45)	33.64 (2.67 to 66.52)
DCV12 + ASU12 + BEC12 + RBV12		1.59 (1.04 to 3.56)	34.96 (3.29 to 68.84)
DCV12 + ASU12 + BEC12		1.51 (0.91 to 3.42)	30.05 (-7.22 to 66.11)
B32 PR36-48 RGT	SIM12 PR48	0.93 (0.25 to 3.37)	-2.97 (-49.70 to 44.13)
DCV24 + ASU24		1.96 (0.97 to 6.08)	42.00 (-1.95 to 74.35)
DCV24 + ASU24 + PR24		2.05 (1.10 to 6.33)	45.83 (7.58 to 77.08)
SIM12 + SOF12		1.68 (0.54 to 5.60)	30.61 (-26.28 to 72.84)
SOF12 + SIM12 + RBV12		1.67 (0.53 to 5.64)	30.23 (-28.39 to 73.08)
SOF12 + PR12		0.94 (0.09 to 4.06)	-2.43 (-55.11 to 62.26)
GRZ12 + ELB12 + RBV12		2.13 (1.13 to 6.57)	49.01 (10.19 to 79.54)
DCV12 + ASU12 + BEC12 + RBV12		2.15 (1.15 to 6.72)	50.11 (11.01 to 81.53)
DCV12 + ASU12 + BEC12		2.04 (1.02 to 6.40)	45.35 (1.45 to 78.74)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
DCV24 + ASU24	B32 PR36-48 RGT	2.10 (1.17 to 6.23)	44.39 (11.54 to 72.79)
DCV24 + ASU24 + PR24		2.22 (1.14 to 7.13)	49.05 (10.00 to 79.61)
SIM12 + SOF12		1.83 (0.57 to 5.91)	34.38 (-23.42 to 72.74)
SOF12 + SIM12 + RBV12		1.81 (0.57 to 6.19)	33.34 (-24.38 to 75.91)
SOF12 + PR12		1.03 (0.09 to 4.12)	1.23 (-54.25 to 61.42)
GRZ12 + ELB12 + RBV12		2.30 (1.19 to 7.29)	52.31 (13.98 to 81.24)
DCV12 + ASU12 + BEC12 + RBV12		2.32 (1.22 to 7.46)	53.42 (15.59 to 83.54)
DCV12 + ASU12 + BEC12		2.18 (1.10 to 7.16)	47.94 (6.76 to 81.10)
DCV24 + ASU24 + PR24	DCV24 + ASU24	1.04 (0.79 to 1.54)	3.62 (-19.12 to 32.36)
SIM12 + SOF12		0.90 (0.31 to 1.40)	-9.03 (-61.51 to 25.42)
SOF12 + SIM12 + RBV12		0.89 (0.31 to 1.38)	-9.61 (-60.46 to 24.93)
SOF12 + PR12		0.48 (0.05 to 1.20)	-44.15 (-86.05 to 14.10)
GRZ12 + ELB12 + RBV12		1.07 (0.85 to 1.58)	6.21 (-13.93 to 34.54)
DCV12 + ASU12 + BEC12 + RBV12		1.09 (0.84 to 1.61)	7.53 (-14.59 to 36.21)
DCV12 + ASU12 + BEC12		1.04 (0.72 to 1.54)	3.55 (-25.50 to 32.84)
SIM12 + SOF12	DCV24 + ASU24 + PR24	0.86 (0.29 to 1.20)	-12.97 (-64.14 to 14.87)
SOF12 + SIM12 + RBV12		0.85 (0.30 to 1.20)	-13.33 (-63.45 to 15.27)
SOF12 + PR12		0.46 (0.04 to 1.07)	-48.19 (-88.30 to 5.56)
GRZ12 + ELB12 + RBV12		1.03 (0.82 to 1.32)	2.90 (-16.47 to 23.07)
DCV12 + ASU12 + BEC12 + RBV12		1.04 (0.83 to 1.36)	3.76 (-15.87 to 25.44)
DCV12 + ASU12 + BEC12		1.00 (0.69 to 1.31)	0.08 (-28.32 to 22.61)
SOF12 + SIM12 + RBV12	SIM12 + SOF12	1.00 (0.36 to 2.59)	0.24 (-52.56 to 49.84)
SOF12 + PR12		0.56 (0.10 to 1.03)	-28.59 (-63.56 to 2.12)
GRZ12 + ELB12 + RBV12		1.21 (0.88 to 3.46)	16.03 (-11.39 to 66.16)
DCV12 + ASU12 + BEC12 + RBV12		1.22 (0.88 to 3.59)	17.23 (-10.92 to 68.28)
DCV12 + ASU12 + BEC12		1.16 (0.76 to 3.38)	12.67 (-21.55 to 64.41)
SOF12 + PR12	SOF12 + SIM12 + RBV12	0.57 (0.06 to 1.94)	-30.03 (-80.42 to 36.61)
GRZ12 + ELB12 + RBV12		1.21 (0.89 to 3.40)	15.97 (-10.43 to 65.64)
DCV12 + ASU12 + BEC12 + RBV12		1.23 (0.88 to 3.54)	17.32 (-11.14 to 68.67)
DCV12 + ASU12 + BEC12		1.17 (0.75 to 3.39)	12.98 (-22.86 to 65.62)
GRZ12 + ELB12 + RBV12	SOF12 + PR12	2.28 (0.96 to 23.51)	51.36 (-3.52 to 90.53)
DCV12 + ASU12 + BEC12 + RBV12		2.33 (0.98 to 23.78)	53.29 (-1.45 to 91.50)
DCV12 + ASU12 + BEC12		2.19 (0.89 to 22.13)	47.55 (-10.17 to 89.29)
DCV12 + ASU12 + BEC12 + RBV12	GRZ12 + ELB12 + RBV12	1.01 (0.81 to 1.27)	1.28 (-17.67 to 20.14)
DCV12 + ASU12 + BEC12		0.97 (0.68 to 1.22)	-2.71 (-30.67 to 17.12)
DCV12 + ASU12 + BEC12	DCV12 + ASU12 + BEC12 + RBV12	0.96 (0.73 to 1.08)	-3.55 (-24.13 to 6.66)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
Random effect model	Residual deviance	34.78 vs. 36 data points	
	Deviance information criteria	167.614	
Fixed effect model	Residual deviance	35.12 vs. 36 data points	
	Deviance information criteria	167.96	

ASU = asunaprevir; B = boceprevir; BEC = beclabuvir; Crl = credible interval; DAS = dasabuvir; DCV = daclatasvir; ELB = elbasvir; GRZ = grazoprevir; LDV = ledipasvir; OMB = ombitasvir; PAR = paritaprevir; PR = pegylated interferon plus ribavirin; q8 = every 8 hours; q12 = every 12 hours; q.d. = once daily; RBV = ribavirin; RD = risk difference; RGT = response-guided therapy; RIT = ritonavir; RR = relative risk; SIM = simeprevir; SOF = sofosbuvir; SVR = sustained virologic response; T = telaprevir; vs. = versus.
 Note: Please refer to Treatment Regimen Nomenclature table for description of dosages.