TABLE 166: GENOTYPE 1 WITHOUT 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)
SIM12 + SOF12	PR48	1.28 (0.09 to 3.66)	6.89 (−22.54 to 64.98)
SOF12 + LDV12		3.69 (3.13 to 4.27)	66.89 (55.09 to 73.43)
SOF12 + LDV12 + RBV12		3.93 (3.49 to 4.46)	72.43 (68.17 to 75.96)
SOF24 + LDV24 + RBV24		3.91 (3.42 to 4.46)	72.43 (63.83 to 76.46)
T12 PR48 q8		3.12 (2.47 to 3.71)	52.69 (37.60 to 62.18)
SIM12 PR24-48 RGT		2.65 (1.91 to 3.30)	40.93 (22.56 to 54.35)
SIM12 PR48		3.13 (2.23 to 3.79)	53.04 (30.88 to 64.65)
SOF12 + SIM12 + RBV12		2.50 (0.51 to 4.02)	37.17 (−11.95 to 71.68)
B32 PR36-48 RGT		2.61 (1.76 to 3.41)	39.93 (19.30 to 56.60)
SOF12 + RBV12		0.49 (0.04 to 1.96)	−12.44 (−24.26 to 23.50)
PAR/RIT12 + OMB12 + DAS12		3.90 (3.36 to 4.46)	72.11 (61.88 to 76.65)
PAR/RIT12 + OMB12 + DAS12 + RBV12		3.97 (3.52 to 4.51)	73.50 (69.21 to 76.76)
DCV24 + ASU24		3.15 (2.52 to 3.76)	53.44 (38.90 to 63.49)
DCV24 + ASU24 + PR24		3.50 (2.75 to 4.09)	62.34 (44.43 to 70.39)
SOF12 + PR12		3.19 (2.36 to 3.88)	54.41 (34.76 to 66.53)
GRZ12 + ELB12 + RBV12		3.95 (3.47 to 4.50)	73.18 (66.51 to 76.87)
DCV12 + ASU12 + BEC12		3.59 (2.96 to 4.18)	64.36 (50.66 to 71.74)
SOF12 + LDV12	SIM12 + SOF12	2.86 (1.01 to 41.56)	58.78 (0.60 to 90.74)
SOF12 + LDV12 + RBV12		3.06 (1.08 to 44.26)	65.30 (7.05 to 94.62)
SOF24 + LDV24 + RBV24		3.05 (1.06 to 44.43)	64.82 (5.56 to 95.36)
T12 PR48 q8		2.40 (0.84 to 34.29)	44.38 (−14.20 to 76.94)
SIM12 PR24-48 RGT		2.07 (0.70 to 28.09)	33.39 (−25.61 to 66.84)
SIM12 PR48		2.38 (0.82 to 34.45)	43.78 (−15.73 to 78.63)
SOF12 + SIM12 + RBV12		1.78 (0.70 to 10.43)	21.60 (−17.56 to 60.18)
B32 PR36-48 RGT		1.97 (0.67 to 29.76)	30.74 (−27.86 to 69.65)
SOF12 + RBV12		0.40 (0.03 to 6.96)	−17.12 (−78.85 to 29.32)
PAR/RIT12 + OMB12 + DAS12		3.03 (1.07 to 43.66)	64.21 (6.46 to 94.87)
PAR/RIT12 + OMB12 + DAS12 + RBV12		3.09 (1.09 to 44.80)	66.24 (8.37 to 95.85)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
DCV24 + ASU24		2.42 (0.83 to 34.83)	45.00 (−14.80 to 79.03)
DCV24 + ASU24 + PR24		2.71 (0.96 to 37.43)	53.82 (−3.64 to 85.23)
SOF12 + PR12		2.46 (0.83 to 35.53)	45.74 (−14.44 to 81.72)
GRZ12 + ELB12 + RBV12		3.08 (1.08 to 44.53)	65.90 (7.32 to 95.66)
DCV12 + ASU12 + BEC12		2.77 (0.96 to 39.92)	55.96 (−3.25 to 88.43)
SOF12 + LDV12 + RBV12	SOF12 + LDV12	1.06 (0.99 to 1.21)	5.35 (−0.57 to 16.86)
SOF24 + LDV24 + RBV24		1.06 (0.96 to 1.21)	5.25 (−3.77 to 16.76)
T12 PR48 q8		0.85 (0.69 to 1.01)	−14.12 (−29.35 to 0.43)
SIM12 PR24-48 RGT		0.72 (0.52 to 0.90)	−25.75 (−44.38 to −8.41)
SIM12 PR48		0.85 (0.61 to 1.03)	−13.80 (−35.48 to 2.10)
SOF12 + SIM12 + RBV12		0.68 (0.14 to 1.08)	−29.18 (−79.76 to 6.59)
B32 PR36-48 RGT		0.71 (0.48 to 0.92)	−26.59 (−47.60 to −7.29)
SOF12 + RBV12		0.13 (0.01 to 0.53)	−78.42 (−93.11 to −41.83)
PAR/RIT12 + OMB12 + DAS12		1.05 (0.94 to 1.21)	4.86 (−6.05 to 17.24)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.07 (1.00 to 1.23)	6.45 (0.25 to 18.12)
DCV24 + ASU24		0.86 (0.70 to 1.02)	−13.21 (−28.25 to 1.55)
DCV24 + ASU24 + PR24		0.95 (0.76 to 1.11)	−4.61 (−22.73 to 9.01)
SOF12 + PR12		0.87 (0.65 to 1.04)	−12.11 (−32.66 to 3.33)
GRZ12 + ELB12 + RBV12		1.07 (0.98 to 1.23)	6.03 (−2.02 to 18.13)
DCV12 + ASU12 + BEC12		0.97 (0.82 to 1.13)	−2.56 (−16.65 to 10.32)
SOF24 + LDV24 + RBV24	SOF12 + LDV12 + RBV12	1.00 (0.92 to 1.04)	0.09 (−8.18 to 4.22)
T12 PR48 q8		0.80 (0.65 to 0.89)	−19.57 (−34.02 to −10.73)
SIM12 PR24-48 RGT		0.68 (0.49 to 0.82)	−31.44 (−49.41 to −17.80)
SIM12 PR48		0.80 (0.58 to 0.92)	−19.27 (−40.86 to −8.09)
SOF12 + SIM12 + RBV12		0.64 (0.13 to 0.99)	−35.26 (−83.76 to −1.18)
B32 PR36-48 RGT		0.67 (0.46 to 0.84)	−32.37 (−52.97 to −15.80)
SOF12 + RBV12		0.13 (0.01 to 0.50)	−84.87 (−96.63 to −48.62)
PAR/RIT12 + OMB12 + DAS12		1.00 (0.89 to 1.05)	−0.15 (−10.55 to 4.24)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.01 (0.98 to 1.05)	1.00 (−2.27 to 4.31)
DCV24 + ASU24		0.81 (0.66 to 0.90)	−18.78 (−32.67 to −9.68)
DCV24 + ASU24 + PR24		0.90 (0.71 to 0.98)	−10.02 (−27.69 to −1.99)
SOF12 + PR12		0.82 (0.62 to 0.94)	−17.93 (−37.41 to −5.92)
GRZ12 + ELB12 + RBV12		1.01 (0.94 to 1.05)	0.77 (−5.62 to 4.65)
DCV12 + ASU12 + BEC12		0.92 (0.78 to 0.99)	−8.00 (−21.45 to −0.63)
T12 PR48 q8	SOF24 + LDV24 + RBV24	0.80 (0.65 to 0.91)	−19.47 (−34.24 to −8.05)
SIM12 PR24-48 RGT		0.68 (0.49 to 0.83)	−31.09 (−49.48 to −16.34)
SIM12 PR48		0.80 (0.58 to 0.94)	−19.08 (−40.49 to −6.04)
SOF12 + SIM12 + RBV12		0.64 (0.13 to 1.00)	−34.78 (−84.45 to 0.15)
B32 PR36-48 RGT		0.67 (0.46 to 0.85)	−32.01 (−52.68 to −14.18)
SOF12 + RBV12		0.13 (0.01 to 0.50)	−84.05 (−97.03 to −47.91)
PAR/RIT12 + OMB12 + DAS12		1.00 (0.89 to 1.09)	−0.11 (−10.65 to 8.08)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.01 (0.97 to 1.11)	0.88 (–2.94 to 9.38)
DCV24 + ASU24		0.81 (0.66 to 0.92)	–18.45 (–33.13 to –6.95)
DCV24 + ASU24 + PR24		0.90 (0.72 to 1.01)	–9.71 (–27.70 to 0.62)
SOF12 + PR12		0.82 (0.62 to 0.96)	–17.55 (–37.46 to –3.81)
GRZ12 + ELB12 + RBV12		1.01 (0.94 to 1.10)	0.64 (–5.74 to 9.23)
DCV12 + ASU12 + BEC12		0.92 (0.78 to 1.03)	–7.92 (–21.12 to 2.68)
SIM12 PR24-48 RGT	T12 PR48 q8	0.85 (0.62 to 1.11)	–11.71 (–30.94 to 7.10)
SIM12 PR48		1.00 (0.81 to 1.13)	0.22 (–13.61 to 9.59)
SOF12 + SIM12 + RBV12		0.80 (0.17 to 1.30)	–15.36 (–65.13 to 21.28)
B32 PR36-48 RGT		0.84 (0.56 to 1.13)	–12.47 (–35.16 to 8.98)
SOF12 + RBV12		0.16 (0.01 to 0.64)	–64.14 (–80.93 to –27.23)
PAR/RIT12 + OMB12 + DAS12		1.25 (1.07 to 1.54)	19.17 (6.21 to 33.94)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.27 (1.14 to 1.54)	20.75 (12.43 to 33.67)
DCV24 + ASU24		1.01 (0.84 to 1.21)	0.79 (–12.58 to 14.23)
DCV24 + ASU24 + PR24		1.12 (0.88 to 1.39)	9.48 (–9.32 to 25.38)
SOF12 + PR12		1.02 (0.75 to 1.31)	1.85 (–20.04 to 20.30)
GRZ12 + ELB12 + RBV12		1.26 (1.11 to 1.56)	20.23 (9.63 to 34.96)
DCV12 + ASU12 + BEC12		1.15 (0.95 to 1.43)	11.42 (–4.18 to 27.51)
SIM12 PR48	SIM12 PR24-48 RGT	1.18 (0.83 to 1.64)	11.90 (–12.08 to 32.52)
SOF12 + SIM12 + RBV12		0.94 (0.21 to 1.58)	–3.86 (–52.31 to 33.62)
B32 PR36-48 RGT		0.98 (0.65 to 1.46)	–1.04 (–25.24 to 23.69)
SOF12 + RBV12		0.19 (0.02 to 0.78)	–51.87 (–72.24 to –12.57)
PAR/RIT12 + OMB12 + DAS12		1.46 (1.23 to 1.97)	30.55 (17.83 to 46.94)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.49 (1.24 to 2.06)	32.48 (18.72 to 50.26)
DCV24 + ASU24		1.19 (0.91 to 1.66)	12.60 (–6.99 to 32.35)
DCV24 + ASU24 + PR24		1.31 (1.12 to 1.65)	20.66 (8.70 to 33.37)
SOF12 + PR12		1.20 (0.86 to 1.71)	13.33 (–10.24 to 35.18)
GRZ12 + ELB12 + RBV12		1.49 (1.23 to 2.06)	31.91 (17.65 to 50.32)
DCV12 + ASU12 + BEC12		1.35 (1.06 to 1.88)	23.13 (4.78 to 42.60)
SOF12 + SIM12 + RBV12	SIM12 PR48	0.80 (0.17 to 1.36)	–15.36 (–65.87 to 23.73)
B32 PR36-48 RGT		0.84 (0.56 to 1.22)	–12.63 (–36.13 to 13.28)
SOF12 + RBV12		0.16 (0.01 to 0.65)	–63.66 (–82.67 to –25.16)
PAR/RIT12 + OMB12 + DAS12		1.24 (1.05 to 1.72)	18.76 (4.27 to 40.49)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.26 (1.11 to 1.73)	20.40 (9.69 to 40.60)
DCV24 + ASU24		1.01 (0.82 to 1.36)	0.67 (–14.84 to 20.69)
DCV24 + ASU24 + PR24		1.12 (0.87 to 1.53)	9.18 (–10.74 to 30.69)
SOF12 + PR12		1.02 (0.74 to 1.43)	1.64 (–21.36 to 24.96)
GRZ12 + ELB12 + RBV12		1.26 (1.08 to 1.74)	19.93 (7.36 to 41.54)
DCV12 + ASU12 + BEC12		1.14 (0.93 to 1.59)	11.15 (–5.88 to 33.18)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
B32 PR36-48 RGT	SOF12 + SIM12 + RBV12	1.04 (0.57 to 5.09)	2.43 (−38.22 to 55.85)
SOF12 + RBV12		0.22 (0.02 to 1.53)	−46.00 (−87.70 to 11.89)
PAR/RIT12 + OMB12 + DAS12		1.55 (1.01 to 7.58)	34.24 (0.61 to 83.87)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.59 (1.02 to 7.71)	36.24 (2.14 to 85.30)
DCV24 + ASU24		1.26 (0.77 to 6.04)	16.33 (−21.64 to 65.81)
DCV24 + ASU24 + PR24		1.39 (0.90 to 6.45)	24.35 (−9.22 to 71.43)
SOF12 + PR12		1.27 (0.74 to 6.01)	17.07 (−23.98 to 67.96)
GRZ12 + ELB12 + RBV12		1.58 (1.01 to 7.71)	35.83 (1.21 to 85.27)
DCV12 + ASU12 + BEC12		1.43 (0.89 to 6.90)	26.71 (−9.86 to 76.16)
SOF12 + RBV12	B32 PR36-48 RGT	0.19 (0.02 to 0.80)	−50.71 (−72.89 to −11.12)
PAR/RIT12 + OMB12 + DAS12		1.49 (1.16 to 2.18)	31.67 (13.01 to 52.49)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.52 (1.21 to 2.21)	33.44 (16.76 to 53.70)
DCV24 + ASU24		1.21 (0.88 to 1.79)	13.49 (−8.88 to 36.25)
DCV24 + ASU24 + PR24		1.34 (0.98 to 1.96)	21.87 (−1.13 to 43.74)
SOF12 + PR12		1.22 (0.85 to 1.83)	14.06 (−11.43 to 38.18)
GRZ12 + ELB12 + RBV12		1.51 (1.20 to 2.21)	32.93 (15.62 to 53.53)
DCV12 + ASU12 + BEC12		1.37 (1.04 to 2.03)	24.00 (3.13 to 45.94)
PAR/RIT12 + OMB12 + DAS12	SOF12 + RBV12	7.89 (1.97 to 93.36)	83.75 (46.52 to 96.91)
PAR/RIT12 + OMB12 + DAS12 + RBV12		8.05 (2.03 to 94.76)	85.88 (49.70 to 97.43)
DCV24 + ASU24		6.35 (1.61 to 76.71)	64.81 (28.58 to 82.06)
DCV24 + ASU24 + PR24		7.03 (1.74 to 84.65)	73.21 (34.66 to 90.00)
SOF12 + PR12		6.41 (1.54 to 76.58)	65.25 (24.92 to 85.28)
GRZ12 + ELB12 + RBV12		8.01 (2.01 to 94.33)	85.22 (48.74 to 97.44)
DCV12 + ASU12 + BEC12		7.25 (1.81 to 86.58)	75.77 (38.38 to 91.21)
PAR/RIT12 + OMB12 + DAS12 + RBV12	PAR/RIT12 + OMB12 + DAS12	1.01 (0.97 to 1.13)	1.13 (−2.80 to 11.39)
DCV24 + ASU24		0.81 (0.66 to 0.94)	−18.09 (−33.13 to −5.21)
DCV24 + ASU24 + PR24		0.90 (0.73 to 1.01)	−9.36 (−26.10 to 0.67)
SOF12 + PR12		0.82 (0.62 to 0.97)	−17.23 (−36.75 to −2.98)
GRZ12 + ELB12 + RBV12		1.01 (0.94 to 1.13)	0.88 (−5.63 to 11.24)
DCV12 + ASU12 + BEC12		0.92 (0.78 to 1.04)	−7.55 (−21.01 to 3.72)
DCV24 + ASU24	PAR/RIT12 + OMB12 + DAS12 + RBV12	0.80 (0.66 to 0.89)	−19.86 (−33.56 to −10.44)
DCV24 + ASU24 + PR24		0.89 (0.71 to 0.97)	−11.03 (−28.40 to −2.80)
SOF12 + PR12		0.81 (0.61 to 0.93)	−19.00 (−38.31 to −7.01)
GRZ12 + ELB12 + RBV12		1.00 (0.93 to 1.03)	−0.13 (−6.49 to 3.23)
DCV12 + ASU12 + BEC12		0.91 (0.77 to 0.98)	−9.03 (−22.32 to −1.80)
DCV24 + ASU24 + PR24	DCV24 + ASU24	1.11 (0.87 to 1.38)	8.61 (−10.40 to 24.91)
SOF12 + PR12		1.01 (0.74 to 1.29)	0.87 (−21.25 to 19.48)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
GRZ12 + ELB12 + RBV12		1.25 (1.10 to 1.53)	19.39 (8.74 to 34.04)
DCV12 + ASU12 + BEC12		1.13 (0.94 to 1.41)	10.50 (–5.25 to 26.62)
SOF12 + PR12	DCV24 + ASU24 + PR24	0.91 (0.68 to 1.18)	–7.65 (–28.52 to 13.07)
GRZ12 + ELB12 + RBV12		1.12 (1.02 to 1.41)	10.54 (1.46 to 28.48)
DCV12 + ASU12 + BEC12		1.02 (0.86 to 1.29)	1.98 (–12.75 to 20.37)
GRZ12 + ELB12 + RBV12	SOF12 + PR12	1.23 (1.07 to 1.63)	18.54 (5.92 to 37.88)
DCV12 + ASU12 + BEC12		1.12 (0.91 to 1.50)	9.64 (–7.59 to 30.11)
DCV12 + ASU12 + BEC12	GRZ12 + ELB12 + RBV12	0.91 (0.78 to 1.00)	–8.68 (–21.96 to 0.23)
Random effect model	Residual deviance	39.06 vs. 44 data points	
	Deviance information criteria	243.037	
Fixed effect model	Residual deviance	39.18 vs. 44 data points	
	Deviance information criteria	242.775	

ASU = asunaprevir; B = boceprevir; BEC = beclabuvir; CrI = 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; PR = pegylated interferon plus ribavirin; RBV = ribavirin; RD = risk difference; RGT = response-guided therapy; RIT = ritonavir; RR = relative risk; SIM = simeprevir; SOF = sofosbuvir; T = telaprevir; vs. = versus. Note: Please refer to Treatment Regimen Nomenclature table for description of dosages.