

APPENDIX 11: DETAILED NETWORK META-ANALYSIS RESULTS AND CONSISTENCY PLOTS — HARMS (ALL GENOTYPES)

Treatment-Naive Depression

TABLE 140: DEPRESSION TREATMENT-NAIVE: RELATIVE RISKS AND RISK DIFFERENCE FOR ALL TREATMENT COMPARISONS — RANDOM EFFECTS MODEL

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
SOF12 + RBV12	PR48	0.29 (0.08 to 0.96)	-9.71 (-14.22 to -0.55)
SOF12 + LDV12		0.02 (0.00 to 0.10)	-13.46 (-16.51 to -10.51)
SOF12 + LDV12 + RBV12		0.14 (0.04 to 0.48)	-11.66 (-15.14 to -6.68)
SOF24 + LDV24 + RBV24		0.05 (0.01 to 0.33)	-12.83 (-16.06 to -8.56)
T12 PR24-48 RGT q8		0.82 (0.35 to 1.87)	-2.48 (-9.12 to 12.07)
T12 PR24-48 RGT q12		0.69 (0.18 to 2.32)	-4.26 (-11.72 to 18.28)
T12 PR48 q8		2.11 (0.56 to 5.50)	15.38 (-6.42 to 56.84)
SOF12 + PR12		0.57 (0.21 to 1.53)	-5.87 (-11.74 to 6.88)
SOF12 PR24-48 RGT		0.93 (0.19 to 3.36)	-0.93 (-11.91 to 31.06)
SIM12 PR24-48 RGT		0.72 (0.42 to 1.28)	-3.76 (-8.47 to 3.78)
B24 PR28-48 RGT		1.04 (0.43 to 2.24)	0.52 (-7.91 to 17.09)
B44 PR48		1.36 (0.40 to 3.95)	4.91 (-8.60 to 38.40)
PR24		0.76 (0.16 to 2.83)	-3.34 (-12.31 to 24.35)
SOF24 + RBV24		0.78 (0.17 to 3.18)	-3.09 (-12.49 to 28.09)
DCV24 + ASU24		0.25 (0.07 to 0.92)	-10.14 (-14.08 to -1.08)
DCV12 + SOF12		0.51 (0.04 to 3.15)	-6.80 (-14.54 to 28.50)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.42 (0.08 to 1.53)	-7.98 (-13.52 to 7.25)
SOF12 + LDV12	SOF12 + RBV12	0.06 (0.01 to 0.42)	-3.60 (-12.32 to -0.77)
SOF12 + LDV12 + RBV12		0.49 (0.09 to 2.86)	-1.88 (-10.56 to 3.26)
SOF24 + LDV24 + RBV24		0.19 (0.02 to 1.63)	-3.04 (-11.75 to 1.21)
T12 PR24-48 RGT q8		2.88 (0.65 to 12.49)	7.12 (-3.52 to 21.43)
T12 PR24-48 RGT q12		2.38 (0.39 to 13.54)	5.21 (-5.58 to 27.94)
T12 PR48 q8		7.11 (1.25 to 37.43)	24.57 (1.96 to 65.81)
SOF12 + PR12		1.99 (0.79 to 5.12)	3.55 (-1.74 to 12.25)
SOF12 PR24-48 RGT		3.16 (0.42 to 19.01)	8.44 (-5.31 to 40.46)
SIM12 PR24-48 RGT		2.54 (0.72 to 9.48)	5.82 (-3.14 to 13.48)
B24 PR28-48 RGT		3.62 (0.79 to 15.60)	10.10 (-1.96 to 26.50)
B44 PR48		4.77 (0.82 to 24.00)	14.34 (-1.70 to 47.58)
PR24		2.61 (0.93 to 6.34)	6.21 (-0.23 to 27.83)
SOF24 + RBV24		2.65 (0.37 to 19.33)	6.31 (-5.81 to 37.06)
DCV24 + ASU24		0.89 (0.16 to 4.82)	-0.38 (-9.31 to 8.23)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
DCV12 +SOF12		1.67 (0.11 to 17.51)	2.55 (−8.40 to 37.73)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.45 (0.19 to 8.73)	1.66 (−8.32 to 17.07)
SOF12 + LDV12 + RBV12	SOF12 + LDV12	7.52 (1.01 to 77.88)	1.63 (0.01 to 6.18)
SOF24 + LDV24 + RBV24		2.90 (0.21 to 43.34)	0.44 (−0.63 to 4.08)
T12 PR24-48 RGT q8		43.36 (6.67 to 412.50)	10.97 (4.17 to 25.70)
T12 PR24-48 RGT q12		36.85 (4.11 to 401.40)	9.14 (1.94 to 32.16)
T12 PR48 q8		107.70 (13.36 to 1097.00)	28.81 (7.62 to 69.48)
SOF12 + PR12		29.89 (6.36 to 219.60)	7.52 (2.76 to 19.55)
SOF12 PR24-48 RGT		48.27 (4.63 to 580.80)	12.48 (2.21 to 44.15)
SIM12 PR24-48 RGT		39.33 (7.04 to 345.10)	9.65 (5.19 to 17.14)
B24 PR28-48 RGT		54.98 (8.28 to 511.90)	14.01 (5.27 to 30.62)
B44 PR48		73.09 (8.82 to 700.00)	18.38 (5.13 to 51.15)
PR24		41.26 (4.68 to 405.30)	10.01 (1.89 to 37.24)
SOF24 + RBV24		41.46 (4.06 to 513.70)	10.38 (1.88 to 40.74)
DCV24 + ASU24		13.69 (1.67 to 147.00)	3.12 (0.47 to 12.14)
DCV12 +SOF12		25.70 (1.14 to 445.30)	6.61 (0.07 to 41.54)
PAR/RIT12 + OMB12 + DAS12 + RBV12		21.54 (2.09 to 261.00)	5.40 (0.63 to 20.78)
SOF24 + LDV24 + RBV24	SOF12 + LDV12 + RBV12	0.38 (0.04 to 2.75)	−1.10 (−5.16 to 2.03)
T12 PR24-48 RGT q8		5.84 (1.26 to 26.39)	9.19 (1.15 to 23.47)
T12 PR24-48 RGT q12		4.87 (0.73 to 28.25)	7.31 (−1.13 to 29.85)
T12 PR48 q8		14.27 (2.34 to 89.27)	26.87 (4.99 to 67.60)
SOF12 + PR12		4.01 (0.85 to 20.46)	5.70 (−0.70 to 17.79)
SOF12 PR24-48 RGT		6.48 (0.86 to 44.48)	10.54 (−0.56 to 42.60)
SIM12 PR24-48 RGT		5.18 (1.32 to 22.29)	7.89 (1.77 to 15.32)
B24 PR28-48 RGT		7.39 (1.55 to 33.21)	12.17 (2.35 to 28.43)
B44 PR48		9.49 (1.61 to 52.55)	16.51 (2.35 to 49.37)
PR24		5.38 (0.70 to 33.56)	8.25 (−1.13 to 35.06)
SOF24 + RBV24		5.53 (0.72 to 36.82)	8.50 (−1.15 to 39.00)
DCV24 + ASU24		1.81 (0.30 to 10.62)	1.46 (−3.52 to 10.14)
DCV12 +SOF12		3.41 (0.20 to 35.62)	4.72 (−3.34 to 39.51)
PAR/RIT12 + OMB12 + DAS12 + RBV12		2.96 (0.36 to 18.87)	3.63 (−2.74 to 18.69)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
T12 PR24-48 RGT q8	SOF24 + LDV24 + RBV24	15.29 (2.00 to 157.30)	10.37 (2.80 to 24.56)
T12 PR24-48 RGT q12		13.12 (1.20 to 151.50)	8.51 (0.52 to 31.02)
T12 PR48 q8		37.67 (3.88 to 514.60)	28.12 (6.43 to 68.73)
SOF12 + PR12		10.65 (1.41 to 112.00)	6.86 (1.14 to 18.97)
SOF12 PR24-48 RGT		16.86 (1.43 to 218.60)	11.81 (0.95 to 43.64)
SIM12 PR24-48 RGT		13.65 (2.02 to 128.30)	9.05 (3.51 to 16.28)
B24 PR28-48 RGT		19.21 (2.52 to 195.90)	13.33 (3.96 to 29.70)
B44 PR48		24.95 (2.72 to 274.40)	17.71 (3.95 to 50.50)
PR24		13.97 (1.36 to 168.40)	9.40 (0.66 to 36.55)
SOF24 + RBV24		14.36 (1.33 to 199.40)	9.65 (0.74 to 40.05)
DCV24 + ASU24		4.68 (0.51 to 55.36)	2.54 (-1.59 to 11.24)
DCV12 +SOF12		9.11 (0.40 to 193.70)	5.96 (-1.30 to 40.81)
PAR/RIT12 + OMB12 + DAS12 + RBV12		7.71 (0.65 to 99.83)	4.79 (-1.01 to 19.96)
T12 PR24-48 RGT q12	T12 PR24-48 RGT q8	0.84 (0.27 to 2.20)	-1.70 (-10.93 to 14.51)
T12 PR48 q8		2.57 (0.55 to 9.21)	17.45 (-8.08 to 59.31)
SOF12 + PR12		0.69 (0.21 to 2.51)	-3.44 (-17.90 to 10.16)
SOF12 PR24-48 RGT		1.13 (0.20 to 5.14)	1.37 (-16.04 to 33.73)
SIM12 PR24-48 RGT		0.89 (0.34 to 2.48)	-1.25 (-15.94 to 8.35)
B24 PR28-48 RGT		1.27 (0.39 to 4.01)	2.97 (-12.99 to 20.21)
B44 PR48		1.65 (0.39 to 6.28)	7.20 (-11.47 to 40.59)
PR24		0.92 (0.16 to 4.36)	-0.90 (-16.54 to 26.52)
SOF24 + RBV24		0.94 (0.17 to 4.90)	-0.63 (-17.06 to 30.53)
DCV24 + ASU24		0.31 (0.07 to 1.44)	-7.51 (-21.67 to 2.94)
DCV12 +SOF12		0.62 (0.04 to 4.55)	-3.88 (-20.05 to 30.69)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.51 (0.08 to 2.35)	-5.27 (-20.28 to 10.29)
T12 PR48 q8	T12 PR24-48 RGT q12	3.04 (0.50 to 16.35)	18.77 (-12.55 to 61.22)
SOF12 + PR12		0.83 (0.18 to 4.50)	-1.52 (-24.11 to 12.37)
SOF12 PR24-48 RGT		1.34 (0.18 to 8.67)	2.95 (-20.72 to 35.17)
SIM12 PR24-48 RGT		1.05 (0.28 to 4.60)	0.47 (-21.86 to 10.95)
B24 PR28-48 RGT		1.50 (0.34 to 7.13)	4.55 (-18.35 to 22.14)
B44 PR48		1.97 (0.37 to 10.51)	8.53 (-15.59 to 42.29)
PR24		1.09 (0.16 to 7.22)	0.75 (-21.86 to 28.07)
SOF24 + RBV24		1.13 (0.16 to 8.22)	1.09 (-22.22 to 32.01)
DCV24 + ASU24		0.37 (0.07 to 2.45)	-5.69 (-28.11 to 5.04)
DCV12 +SOF12		0.74 (0.04 to 7.42)	-2.16 (-25.90 to 32.08)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.60 (0.08 to 4.01)	-3.48 (-26.29 to 12.49)
SOF12 + PR12	T12 PR48 q8	0.28 (0.07 to 1.33)	-20.59 (-62.34 to 3.17)
SOF12 PR24-48 RGT		0.44 (0.07 to 2.99)	-15.50 (-59.78 to 24.08)
SIM12 PR24-48 RGT		0.35 (0.11 to 1.49)	-19.02 (-60.60 to 4.19)
B24 PR28-48 RGT		0.50 (0.14 to 2.22)	-14.36 (-56.62 to 12.45)
B44 PR48		0.65 (0.14 to 3.43)	-9.85 (-53.46 to 29.09)
PR24		0.37 (0.06 to 2.30)	-17.37 (-60.72 to 16.37)
SOF24 + RBV24		0.38 (0.06 to 2.46)	-17.06 (-59.78 to 19.39)
DCV24 + ASU24		0.12 (0.02 to 0.79)	-25.22 (-66.21 to -2.03)
DCV12 +SOF12		0.25 (0.03 to 0.99)	-19.61 (-50.93 to -0.16)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.20 (0.03 to 1.27)	-22.50 (-64.31 to 2.90)
SOF12 PR24-48 RGT	SOF12 + PR12	1.62 (0.25 to 8.39)	4.67 (-11.68 to 36.75)
SIM12 PR24-48 RGT		1.27 (0.46 to 3.63)	2.10 (-9.92 to 10.27)
B24 PR28-48 RGT		1.84 (0.48 to 5.90)	6.40 (-8.73 to 22.97)
B44 PR48		2.38 (0.51 to 9.84)	10.53 (-7.14 to 43.88)
PR24		1.33 (0.34 to 4.27)	2.36 (-7.54 to 25.17)
SOF24 + RBV24		1.34 (0.22 to 7.69)	2.50 (-12.63 to 33.56)
DCV24 + ASU24		0.45 (0.09 to 2.02)	-4.15 (-16.22 to 5.05)
DCV12 +SOF12		0.86 (0.06 to 7.46)	-1.03 (-15.05 to 34.62)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.74 (0.11 to 3.42)	-1.91 (-14.87 to 13.28)
SIM12 PR24-48 RGT	SOF12 PR24-48 RGT	0.77 (0.19 to 4.35)	-2.87 (-34.88 to 10.57)
B24 PR28-48 RGT		1.11 (0.24 to 6.44)	1.36 (-31.08 to 21.04)
B44 PR48		1.46 (0.26 to 9.84)	5.45 (-27.61 to 39.86)
PR24		0.82 (0.11 to 6.31)	-2.02 (-35.12 to 26.22)
SOF24 + RBV24		0.85 (0.11 to 7.27)	-1.76 (-34.59 to 30.53)
DCV24 + ASU24		0.27 (0.05 to 2.18)	-9.02 (-40.66 to 4.54)
DCV12 +SOF12		0.55 (0.03 to 6.29)	-5.01 (-38.10 to 30.31)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.44 (0.06 to 3.61)	-6.73 (-38.48 to 11.49)
B24 PR28-48 RGT	SIM12 PR24-48 RGT	1.43 (0.49 to 3.66)	4.26 (-7.14 to 20.91)
B44 PR48		1.86 (0.48 to 6.08)	8.51 (-6.73 to 41.75)
PR24		1.04 (0.21 to 4.07)	0.37 (-10.57 to 27.14)
SOF24 + RBV24		1.07 (0.20 to 4.90)	0.64 (-11.24 to 31.85)
DCV24 + ASU24		0.35 (0.11 to 1.08)	-6.25 (-12.38 to 0.78)
DCV12 +SOF12		0.69 (0.05 to 4.71)	-2.95 (-13.66 to 32.10)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.57 (0.10 to 2.33)	-4.13 (-13.14 to 11.15)
B44 PR48	B24 PR28-48 RGT	1.31 (0.32 to 5.12)	4.29 (-16.25 to 38.14)
PR24		0.73 (0.13 to 3.59)	-3.70 (-21.53 to 24.14)
SOF24 + RBV24		0.75 (0.14 to 3.84)	-3.41 (-21.84 to 27.77)
DCV24 + ASU24		0.24 (0.06 to 1.18)	-10.51 (-26.86 to 1.27)
DCV12 +SOF12		0.48 (0.03 to 3.67)	-6.82 (-25.00 to 28.39)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.40 (0.07 to 1.89)	-8.23 (-24.88 to 8.22)
PR24	B44 PR48	0.55 (0.09 to 3.32)	-7.63 (-41.43 to 22.20)
SOF24 + RBV24		0.57 (0.09 to 3.61)	-7.42 (-41.12 to 25.82)
DCV24 + ASU24		0.19 (0.04 to 1.12)	-14.82 (-47.63 to 0.82)
DCV12 +SOF12		0.37 (0.02 to 3.65)	-10.68 (-43.49 to 26.36)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.30 (0.05 to 1.88)	-12.41 (-45.21 to 7.29)
SOF24 + RBV24	PR24	1.03 (0.14 to 8.66)	0.25 (-27.16 to 31.95)
DCV24 + ASU24		0.34 (0.06 to 2.36)	-6.54 (-33.31 to 4.64)
DCV12 +SOF12		0.64 (0.04 to 7.91)	-3.11 (-30.86 to 32.22)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.55 (0.07 to 4.23)	-4.37 (-31.38 to 12.56)
DCV24 + ASU24	SOF24 + RBV24	0.33 (0.05 to 2.45)	-6.80 (-37.56 to 5.14)
DCV12 +SOF12		0.65 (0.03 to 7.20)	-3.03 (-35.16 to 30.36)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.53 (0.06 to 4.07)	-4.61 (-35.34 to 12.39)
DCV12 +SOF12	DCV24 + ASU24	1.97 (0.11 to 18.81)	3.18 (-7.65 to 37.99)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.63 (0.20 to 9.74)	2.04 (-7.45 to 17.11)
PAR/RIT12 + OMB12 + DAS12 + RBV12	DCV12 + SOF12	0.82 (0.07 to 15.11)	-1.11 (-35.53 to 15.25)
Random effect model	Residual deviance	53.05 vs. 48 data points	
	Deviance information criteria	267.581	
Fixed effect model	Residual deviance	56.27 vs. 48 data points	
	Deviance information criteria	268.659	

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; 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.