

Supplement table 5. League table regarding the respiratory virus detection of 16 sampling methods; Results were presented as OR with 95% CrI; The results of lower left triangle were displayed as the ratio of the x axis versus y axis and the upper right triangle as the ratio of the y axis versus x axis. The results were deemed as statistical significant if it did not include value 1.

5a. League table for RVs

	NPS	Saliva	MTS	NS	Sputum	NPA	BAL	OPS	NW	TS	N-TS	NPW	VTM-Swab	VTM-Aspirate	NA	NB
NPS	NPS	-0.58 (-1.3, 0.14)	-0.04 (-0.67, 0.58)	-0.11 (-0.52, 0.3)	-0.05 (-0.56, 0.46)	-0.27 (-0.7, 0.16)	-0.05 (-1.05, 0.97)	-0.28 (-0.78, 0.22)	-0.21 (-0.88, 0.46)	-0.47 (-1.03, 0.09)	-0.29 (-1.36, 0.78)	0.16 (-0.39, 0.72)	-0.18 (-1.06, 0.71)	-0.05 (-1.08, 1)	-0.22 (-0.89, 0.47)	-0.32 (-1.57, 0.93)
Saliva	0.58 (-0.14, 1.3)	Saliva	0.54 (-0.42, 1.49)	0.47 (-0.33, 1.28)	0.53 (-0.33, 1.39)	0.31 (-0.51, 1.13)	0.54 (-0.71, 1.78)	0.3 (-0.58, 1.18)	0.37 (-0.6, 1.35)	0.11 (-0.71, 0.93)	0.29 (-0.99, 1.57)	0.75 (-0.16, 1.65)	0.4 (-0.73, 1.53)	0.53 (-0.72, 1.78)	0.37 (-0.59, 1.33)	0.26 (-1.16, 1.69)
MTS	0.04 (-0.58, 0.67)	-0.54 (-1.49, 0.42)	Saliva	-0.08 (-0.76, 0.62)	-0.01 (-0.81, 0.79)	-0.23 (-0.92, 0.46)	-0.01 (-1.19, 1.18)	-0.24 (-1.02, 0.55)	-0.17 (-1.05, 0.71)	-0.43 (-1.25, 0.39)	-0.25 (-1.46, 0.95)	0.21 (-0.55, 0.96)	-0.14 (-1.19, 0.92)	-0.01 (-1.19, 1.18)	-0.18 (-1.07, 0.72)	-0.28 (-1.64, 1.1)
NS	0.11 (-0.3, 0.52)	-0.47 (-1.28, 0.33)	0.08 (-0.62, 0.76)	NS	0.06 (-0.55, 0.67)	-0.16 (-0.55, 0.23)	0.06 (-1.04, 1.16)	-0.16 (-0.78, 0.44)	-0.1 (-0.76, 0.58)	-0.36 (-0.93, 0.22)	-0.18 (-1.24, 0.88)	0.28 (-0.38, 0.93)	-0.07 (-0.97, 0.84)	0.07 (-0.95, 1.08)	-0.1 (-0.76, 0.56)	-0.21 (-1.43, 1.01)
Sputum	0.05 (-0.46, 0.56)	-0.53 (-1.39, 0.33)	0.01 (-0.79, 0.81)	-0.06 (-0.67, 0.55)	Sputum	-0.22 (-0.85, 0.41)	0 (-1.13, 1.14)	-0.23 (-0.94, 0.48)	-0.16 (-0.98, 0.65)	-0.42 (-1.06, 0.22)	-0.24 (-1.39, 0.92)	0.22 (-0.53, 0.96)	-0.13 (-1.13, 0.87)	0 (-1.13, 1.14)	-0.17 (-0.94, 0.62)	-0.27 (-1.59, 1.06)
NPA	0.27 (-0.16, 0.7)	-0.31 (-1.13, 0.51)	0.23 (-0.46, 0.92)	0.16 (-0.23, 0.55)	0.22 (-0.41, 0.85)	NPA	0.22 (-0.87, 1.32)	-0.01 (-0.64, 0.63)	0.06 (-0.64, 0.76)	-0.2 (-0.82, 0.42)	-0.02 (-1.05, 1.02)	0.43 (-0.24, 1.11)	0.09 (-0.79, 0.98)	0.22 (-0.82, 1.26)	0.05 (-0.64, 0.76)	-0.05 (-1.3, 1.21)
BAL	0.05 (-0.97, 1.05)	-0.54 (-1.78, 0.71)	0.01 (-1.18, 1.19)	-0.06 (-1.16, 1.04)	0 (-1.14, 1.13)	-0.22 (-1.32, 0.87)	BAL	-0.23 (-1.36, 0.89)	-0.16 (-1.38, 1.04)	-0.42 (-1.59, 0.74)	-0.24 (-1.73, 1.22)	0.21 (-0.94, 1.36)	-0.14 (-1.46, 1.2)	0 (-1.44, 1.44)	-0.17 (-1.39, 1.05)	-0.27 (-1.88, 1.34)
OPS	0.28 (-0.22, 0.78)	-0.3 (-1.18, 0.58)	0.24 (-0.55, 1.02)	0.16 (-0.44, 0.78)	0.23 (-0.48, 0.94)	0.01 (-0.63, 0.64)	0.23 (-0.89, 1.36)	OPS	0.07 (-0.71, 0.85)	-0.19 (-0.93, 0.55)	-0.01 (-1.18, 1.16)	0.44 (-0.26, 1.15)	0.1 (-0.91, 1.11)	0.23 (-0.9, 1.38)	0.06 (-0.75, 0.9)	-0.04 (-1.36, 1.28)
NW	0.21 (-0.46, 0.88)	-0.37 (-1.35, 0.6)	0.17 (-0.71, 1.05)	0.1 (-0.58, 0.76)	0.16 (-0.65, 0.98)	-0.06 (-0.76, 0.64)	0.16 (-1.04, 1.38)	-0.07 (-0.85, 0.71)	NW	-0.26 (-1.07, 0.56)	-0.08 (-1.27, 1.11)	0.37 (-0.48, 1.22)	0.03 (-1.03, 1.09)	0.16 (-1.02, 1.33)	-0.01 (-0.84, 0.83)	-0.11 (-1.37, 1.15)
TS	0.47 (-0.09, 0.88)	-0.11 (-0.93, 0.71)	0.43 (-0.39, 1.24)	0.36 (-0.22, 1.04)	0.42 (-0.22, 1.06)	0.2 (-0.42, 0.82)	0.42 (-0.74, 1.34)	0.19 (-0.55, 0.71)	0.26 (-0.56, 0.71)	TS	0.18 (-0.96, 0.56)	0.63 (-0.14, 1.42)	0.29 (-0.72, 1.14)	0.42 (-0.69, 1.33)	0.25 (-0.48, 0.83)	0.15 (-1.16, 1.15)

	1.03)	0.71)	1.25)	0.93)	1.06)	0.82)	1.59)	0.93)	1.07)		1.31)	1.41)	1.3)	1.54)	0.99)	1.46)
N-TS	0.29 (-0.78, 1.36)	-0.29 (-1.57, 0.99)	0.25 (-0.95, 1.46)	0.18 (-0.88, 1.24)	0.24 (-0.92, 1.39)	0.02 (-1.02, 1.05)	0.24 (-1.22, 1.73)	0.01 (-1.16, 1.18)	0.08 (-1.11, 1.27)	-0.18 (-1.31, 0.96)	N-TS	0.46 (-0.74, 1.65)	0.11 (-1.21, 1.43)	0.24 (-1.16, 1.64)	0.07 (-0.96, 1.12)	-0.03 (-1.58, 1.53)
NPW	-0.16 (-0.72, 0.39)	-0.75 (-1.65, 0.16)	-0.21 (-0.96, 0.55)	-0.28 (-0.93, 0.38)	-0.22 (-0.96, 0.53)	-0.43 (-1.11, 0.24)	-0.21 (-1.36, 0.94)	-0.44 (-1.15, 0.26)	-0.37 (-1.22, 0.48)	-0.63 (-1.41, 0.14)	-0.46 (-1.65, 0.74)	NPW	-0.35 (-1.37, 0.69)	-0.21 (-1.37, 0.96)	-0.38 (-1.24, 0.48)	-0.48 (-1.84, 0.85)
VTM-Swab	0.18 (-0.71, 1.06)	-0.4 (-1.53, 0.73)	0.14 (-0.92, 1.19)	0.07 (-0.84, 0.97)	0.13 (-0.87, 1.13)	-0.09 (-0.98, 0.79)	0.14 (-1.2, 1.46)	-0.1 (-1.11, 0.91)	-0.03 (-1.09, 1.03)	-0.29 (-1.3, 0.72)	-0.11 (-1.43, 1.21)	0.35 (-0.69, 1.37)	VTM-Swab	0.13 (-0.91, 1.18)	-0.04 (-1.06, 1)	-0.14 (-1.61, 1.34)
VTM-Aspirate	0.05 (-1.1, 1.08)	-0.53 (-1.78, 0.72)	0.01 (-1.18, 1.19)	-0.07 (-1.08, 0.95)	0 (-1.14, 1.13)	-0.22 (-1.26, 0.82)	0 (-1.44, 1.44)	-0.23 (-1.38, 0.9)	-0.16 (-1.33, 1.02)	-0.42 (-1.54, 0.69)	-0.24 (-1.64, 1.16)	0.21 (-0.96, 1.37)	-0.13 (-1.18, 0.91)	VTM-Aspirate	-0.17 (-1.23, 0.9)	-0.27 (-1.81, 1.27)
NA	0.22 (-0.47, 0.89)	-0.37 (-1.33, 0.59)	0.18 (-0.72, 1.07)	0.1 (-0.56, 0.76)	0.17 (-0.62, 0.94)	-0.05 (-0.76, 0.64)	0.17 (-1.05, 1.39)	-0.06 (-0.9, 0.75)	0.01 (-0.83, 0.84)	-0.25 (-0.99, 0.48)	-0.07 (-1.12, 0.96)	0.38 (-0.48, 1.24)	0.04 (-1.1, 1.06)	0.17 (-0.9, 1.23)	NA	-0.1 (-1.35, 1.15)
NB	0.32 (-0.93, 1.57)	-0.26 (-1.69, 1.16)	0.28 (-1.1, 1.64)	0.21 (-1.01, 1.43)	0.27 (-1.06, 1.59)	0.05 (-1.21, 1.3)	0.27 (-1.34, 1.88)	0.04 (-1.28, 1.36)	0.11 (-1.15, 1.37)	-0.15 (-1.46, 1.16)	0.03 (-1.53, 1.58)	0.48 (-0.85, 1.84)	0.14 (-1.34, 1.61)	0.27 (-1.27, 1.81)	0.1 (-1.15, 1.35)	NB

5b.League table for INF

	NPS	Saliva	MTS	NS	Sputum	NPA	BA L	OPS	NW	TS	N-TS	NPW	VTM-Swab	VTM-Aspira te	NA	NB
NPS	NPS	-0.12 (-0.67, 0.47)	-0.04 (-0.7, 0.61)	-0.18 (-0.6, 0.24)	-0.17 (-0.66, 0.24)	-0.3 (-0.73, 0.14)	\	-0.24 (-0.62, 0.15)	-0.11 (-0.58, 0.37)	-0.12 (-0.75, 0.48)	-0.34 (-1.24, 0.56)	-0.01 (-0.54, 0.53)	-0.06 (-1.17, 1.05)	\	-0.94 (-2.65, 0.47)	-0.4 (-1.38, 0.59)
Saliva	0.12 (-0.47, 0.67)	Saliva	0.08 (-0.81, 0.92)	-0.06 (-0.77, 0.61)	-0.05 (-0.85, 0.63)	-0.18 (-0.9, 0.52)	\	-0.12 (-0.82, 0.55)	0.01 (-0.74, 0.73)	0 (-0.83, 0.75)	-0.22 (-1.28, 0.82)	0.12 (-0.69, 0.88)	0.06 (-1.2, 1.29)	\	-0.83 (-2.64, 0.67)	-0.28 (-1.41, 0.83)
MTS	0.04 (-0.61, 0.7)	-0.08 (-0.92, 0.81)	MTS	-0.13 (-0.91, 0.63)	-0.12 (-0.97, 0.62)	-0.26 (-1.03, 0.53)	\	-0.2 (-0.93, 0.54)	-0.06 (-0.84, 0.72)	-0.07 (-0.99, 0.79)	-0.3 (-1.4, 0.81)	0.04 (-0.64, 0.72)	-0.02 (-1.31, 1.27)	\	-0.9 (-2.72, 0.65)	-0.35 (-1.52, 0.82)
NS	0.18 (-0.24, 0.6)	0.06 (-0.61, 0.77)	0.13 (-0.63, 0.91)	NS	0.01 (-0.63, 0.58)	-0.12 (-0.56, 0.33)	\	-0.06 (-0.58, 0.48)	0.07 (-0.46, 0.62)	0.06 (-0.54, 0.63)	-0.16 (-1.05, 0.74)	0.17 (-0.48, 0.84)	0.12 (-1.06, 1.31)	\	-0.76 (-2.46, 0.63)	-0.22 (-1.19, 0.76)
Sputum	0.17 (-0.24, 0.66)	0.05 (-0.63, 0.85)	0.12 (-0.62, 0.97)	-0.01 (-0.58, 0.63)	Sputum	-0.13 (-0.71, 0.54)	\	-0.07 (-0.62, 0.57)	0.06 (-0.55, 0.76)	0.05 (-0.64, 0.78)	-0.18 (-1.13, 0.89)	0.16 (-0.5, 0.91)	0.11 (-1.06, 1.35)	\	-0.77 (-2.51, 0.73)	-0.23 (-1.26, 0.89)
NPA	0.3 (-0.14, 0.73)	0.18 (-0.52, 0.9)	0.26 (-0.53, 1.03)	0.12 (-0.33, 0.56)	0.13 (-0.54, 0.71)	NPA	\	0.06 (-0.5, 0.61)	0.2 (-0.36, 0.74)	0.18 (-0.54, 0.84)	-0.04 (-0.87, 0.79)	0.3 (-0.39, 0.96)	0.24 (-0.96, 1.43)	\	-0.64 (-2.35, 0.78)	-0.1 (-1.05, 0.86)
BAL	\	\	\	\	\	\	BA L	\	\	\	\	\	\	\	\	\
OPS	0.24 (-0.15, 0.62)	0.12 (-0.55, 0.82)	0.2 (-0.54, 0.93)	0.06 (-0.48, 0.58)	0.07 (-0.57, 0.62)	-0.06 (-0.61, 0.5)	\	OPS	0.13 (-0.44, 0.7)	0.12 (-0.61, 0.81)	-0.1 (-1.05, 0.86)	0.24 (-0.37, 0.84)	0.18 (-1, 1.36)	\	-0.7 (-2.44, 0.75)	-0.16 (-1.19, 0.88)
NW	0.11 (-0.37, 0.58)	-0.01 (-0.73, 0.74)	0.06 (-0.72, 0.84)	-0.07 (-0.62, 0.46)	-0.06 (-0.76, 0.55)	-0.2 (-0.74, 0.36)	\	-0.13 (-0.7, 0.44)	NW	-0.01 (-0.77, 0.69)	-0.23 (-1.16, 0.7)	0.1 (-0.55, 0.75)	0.04 (-1.16, 1.25)	\	-0.84 (-2.54, 0.57)	-0.29 (-1.28, 0.7)
TS	0.12 (-0.48, 0.75)	0 (-0.75, 0.83)	0.07 (-0.79, 0.99)	-0.06 (-0.63, 0.54)	-0.05 (-0.78, 0.64)	-0.18 (-0.84, 0.54)	\	-0.12 (-0.81, 0.61)	0.01 (-0.69, 0.77)	TS	-0.22 (-1.24, 0.85)	0.12 (-0.67, 0.94)	0.06 (-1.19, 1.35)	\	-0.83 (-2.59, 0.69)	-0.28 (-1.37, 0.86)
N-TS	0.34 (-0.56, 1.24)	0.22 (-0.82, 1.28)	0.3 (-0.81, 1.4)	0.16 (-0.74, 1.05)	0.18 (-0.89, 1.13)	0.04 (-0.79, 0.87)	\	0.1 (-0.86, 1.05)	0.23 (-0.7, 1.16)	0.22 (-0.85, 1.24)	N-TS	0.34 (-0.7, 1.36)	0.28 (-1.16, 1.7)	\	-0.61 (-2.39, 0.94)	-0.06 (-0.85, 0.75)
NPW	0.01 (-0.53, 0.51)	-0.12 (-0.88, 0.64)	-0.04 (-0.72, 0.64)	-0.17 (-0.84, 0.5)	-0.16 (-0.91, 0.59)	-0.3 (-0.96, 0.36)	\	-0.24 (-0.84, 0.36)	-0.1 (-0.75, 0.59)	-0.12 (-0.94, 0.6)	-0.34 (-1.36, 0.68)	NPW	-0.06 (-1.29, 1.17)	\	-0.94 (-2.71, 0.83)	-0.39 (-1.49, 0.71)

	0.54)	0.69)	0.64)	0.48)	0.5)	0.39)	0.37)	0.55)	0.67)	0.7)	1.18)	0.56)	0.7)	
VTM-Swab	0.06 (-1.05, 1.17)	-0.06 (-1.29, 1.2)	0.02 (-1.27, 1.31)	-0.12 (-1.31, 1.06)	-0.11 (-1.35, 1.06)	-0.24 (-1.43, 0.96)	-0.18 (-1.36, 1.16)	-0.04 (-1.25, 1.16)	-0.06 (-1.35, 1.19)	-0.28 (-1.7, 1.16)	0.06 (-1.18, 1.29)	-0.9 (-2.92, 0.92)	-0.33 (-1.82, 1.15)	
VTM-Aspirate	\	\	\	\	\	\	\	\	\	\	\	VTM-Aspirate	\	
NA	0.94 (-0.47, 2.65)	0.83 (-0.67, 2.64)	0.9 (-0.65, 2.72)	0.76 (-0.63, 2.46)	0.77 (-0.73, 2.51)	0.64 (-0.78, 2.35)	0.7 (-0.75, 2.44)	0.84 (-0.57, 2.54)	0.83 (-0.69, 2.59)	0.61 (-0.94, 2.39)	0.94 (-0.56, 2.71)	0.9 (-0.92, 2.92)	NA	0.55 (-0.96, 2.3)
NB	0.4 (-0.59, 1.38)	0.28 (-0.83, 1.41)	0.35 (-0.82, 1.52)	0.22 (-0.76, 1.19)	0.23 (-0.89, 1.26)	0.1 (-0.86, 1.05)	0.16 (-0.88, 1.19)	0.29 (-0.7, 1.28)	0.28 (-0.86, 1.37)	0.06 (-0.75, 0.85)	0.39 (-0.7, 1.49)	0.33 (-1.15, 1.82)	-0.55 (-2.3, 0.96)	NB

5c.League table for INFa

	NPS	Saliva	MTS	NS	Sputum	NPA	BAL	OPS	NW	TS	N-TS	NPW	VTM-Swab	VTM-Aspirate	NA	NB
NPS	NPS	-0.4 (-1.12, 0.31)	0 (-0.9, 0.92)	-0.22 (-0.73, 0.3)	-0.04 (-0.59, 0.44)	-0.38 (-0.96, 0.22)	\	-0.16 (-0.7, 0.38)	-0.19 (-0.82, 0.47)	-0.19 (-0.87, 0.48)	-0.44 (-1.55, 0.67)	-0.41 (-1.29, 0.48)	-0.33 (-1.97, 1.33)	-0.32 (-1.96, 1.32)	-1.01 (-2.84, 0.57)	-0.48 (-1.62, 0.69)
Saliva	0.4 (-0.31, 1.12)	Saliva	0.4 (-0.74, 1.56)	0.18 (-0.69, 1.07)	0.36 (-0.55, 1.21)	0.02 (-0.89, 0.95)	\	0.24 (-0.65, 1.14)	0.21 (-0.73, 1.19)	0.2 (-0.77, 1.2)	-0.05 (-1.34, 1.28)	-0.01 (-1.14, 1.13)	0.06 (-1.71, 1.88)	0.08 (-1.69, 1.88)	-0.62 (-2.56, 1.12)	-0.08 (-1.42, 1.3)
MTS	0 (-0.92, 0.9)	-0.4 (-1.56, 0.74)	MTS	-0.22 (-1.25, 0.8)	-0.04 (-1.14, 0.95)	-0.38 (-1.45, 0.69)	\	-0.16 (-1.21, 0.89)	-0.19 (-1.24, 0.86)	-0.2 (-1.34, 0.93)	-0.45 (-1.86, 0.97)	-0.41 (-1.35, 0.52)	-0.33 (-2.17, 1.52)	-0.33 (-2.16, 1.51)	-1.02 (-3.02, 0.79)	-0.48 (-1.92, 0.99)
NS	0.22 (-0.3, 0.73)	-0.18 (-1.07, 0.69)	0.22 (-0.8, 1.25)	NS	0.18 (-0.55, 0.82)	-0.16 (-0.69, 0.38)	\	0.06 (-0.63, 0.76)	0.04 (-0.64, 0.7)	0.02 (-0.66, 0.69)	-0.23 (-1.29, 0.85)	-0.19 (-1.18, 0.79)	-0.11 (-1.76, 1.55)	-0.1 (-1.75, 1.54)	-0.79 (-2.57, 0.75)	-0.26 (-1.37, 0.87)
Sputum	0.04 (-0.44, 0.59)	-0.36 (-1.21, 0.55)	0.04 (-0.95, 1.14)	-0.18 (-0.82, 0.55)	Sputum	-0.34 (-1.05, 0.47)	\	-0.12 (-0.82, 0.66)	-0.14 (-0.9, 0.72)	-0.15 (-0.82, 0.59)	-0.4 (-1.55, 0.85)	-0.37 (-1.34, 0.7)	-0.29 (-1.97, 1.47)	-0.28 (-1.95, 1.46)	-0.97 (-2.81, 0.72)	-0.43 (-1.64, 0.87)
NPA	0.38 (-0.22, 0.96)	-0.02 (-0.95, 0.89)	0.38 (-0.69, 1.45)	0.16 (-0.38, 0.69)	0.34 (-0.47, 1.05)	NPA	\	0.22 (-0.55, 0.98)	0.2 (-0.52, 0.91)	0.19 (-0.63, 0.98)	-0.07 (-1.06, 0.93)	-0.03 (-1.05, 0.99)	0.05 (-1.63, 1.72)	0.05 (-1.61, 1.71)	-0.63 (-2.46, 0.94)	-0.1 (-1.2, 1.01)
BAL	\	\	\	\	\	\	BAL	\	\	\	\	\	\	\	\	\
OPS	0.16 (-0.38, 0.7)	-0.24 (-1.14, 0.65)	0.16 (-0.89, 1.21)	-0.06 (-0.76, 0.63)	0.12 (-0.66, 0.82)	-0.22 (-0.98, 0.55)	\	OPS	-0.02 (-0.84, 0.79)	-0.04 (-0.89, 0.81)	-0.28 (-1.5, 0.92)	-0.25 (-1.28, 0.77)	-0.17 (-1.88, 1.56)	-0.16 (-1.88, 1.56)	-0.85 (-2.73, 0.8)	-0.32 (-1.56, 0.95)
NW	0.19 (-0.47, 0.82)	-0.21 (-1.19, 0.73)	0.19 (-0.86, 1.24)	-0.04 (-0.7, 0.64)	0.14 (-0.72, 0.9)	-0.2 (-0.91, 0.52)	\	0.02 (-0.79, 0.84)	NW	-0.01 (-0.89, 0.85)	-0.26 (-1.41, 0.88)	-0.22 (-1.18, 0.72)	-0.15 (-1.65, 1.37)	-0.14 (-1.63, 1.37)	-0.82 (-2.63, 0.72)	-0.29 (-1.45, 0.87)
TS	0.19 (-0.48, 0.87)	-0.2 (-1.2, 0.77)	0.2 (-0.93, 1.34)	-0.02 (-0.69, 0.66)	0.15 (-0.59, 0.82)	-0.19 (-0.98, 0.63)	\	0.04 (-0.81, 0.89)	0.01 (-0.85, 0.89)	TS	-0.25 (-1.48, 0.99)	-0.21 (-1.31, 0.89)	-0.14 (-1.88, 1.62)	-0.13 (-1.86, 1.62)	-0.82 (-2.7, 0.85)	-0.28 (-1.55, 1)
N-TS	0.44 (-0.67, 1.55)	0.05 (-1.28, 1.34)	0.45 (-0.97, 1.86)	0.23 (-0.85, 1.29)	0.4 (-0.85, 1.55)	0.07 (-0.93, 1.06)	\	0.28 (-0.92, 1.5)	0.26 (-0.88, 1.41)	0.25 (-0.99, 1.48)	N-TS	0.04 (-1.34, 1.41)	0.12 (-1.77, 2)	0.12 (-1.77, 1.99)	-0.57 (-2.5, 1.16)	-0.03 (-1, 0.94)
NPW	0.41 (-0.48, 0.66)	0.01 (-1.13, 1.11)	0.41 (-0.52, 1.51)	0.19 (-0.79, 0.41)	0.37 (-0.7, 1.06)	0.03 (-0.99, 0.93)	\	0.25 (-0.77, 0.27)	0.22 (-0.72, 0.28)	0.21 (-0.89, 0.47)	-0.04 (-1.41, 1.33)	NPW	0.08 (-1.71, 1.55)	0.08 (-1.7, 1.54)	-0.61 (-2.58, 1.36)	-0.06 (-1.46, 0.74)

	1.29)	1.14)	1.35)	1.18)	1.34)	1.05)	1.28)	1.18)	1.31)	1.34)		1.87)	1.87)	1.16)	1.34)
VTM-Swab	0.33 (-1.33, 1.97)	-0.06 (-1.88, 1.71)	0.33 (-1.52, 2.17)	0.11 (-1.55, 1.76)	0.29 (-1.47, 1.97)	-0.05 (-1.72, 1.63)	0.17 (-1.56, 1.88)	0.15 (-1.37, 1.65)	0.14 (-1.62, 1.88)	-0.12 (-2, 1.77)	-0.08 (-1.87, 1.71)	VTM-Swab	0.01 (-1.52, 1.54)	-0.69 (-3.03, 1.48)	-0.14 (-2.06, 1.75)
VTM-Aspirate	0.32 (-1.32, 1.96)	-0.08 (-1.88, 1.69)	0.33 (-1.51, 2.16)	0.1 (-1.54, 1.75)	0.28 (-1.46, 1.95)	-0.05 (-1.71, 1.61)	0.16 (-1.56, 1.88)	0.14 (-1.37, 1.63)	0.13 (-1.62, 1.86)	-0.12 (-1.99, 1.77)	-0.08 (-1.87, 1.7)	-0.01 (-1.54, 1.52)	VTM-Aspirate	-0.7 (-3.03, 1.47)	-0.15 (-2.04, 1.74)
NA	1.01 (-0.57, 2.84)	0.62 (-1.12, 2.56)	1.02 (-0.79, 3.02)	0.79 (-0.75, 2.57)	0.97 (-0.72, 2.81)	0.63 (-0.94, 2.46)	0.85 (-0.8, 2.73)	0.82 (-0.72, 2.63)	0.82 (-0.85, 2.7)	0.57 (-1.16, 2.5)	0.61 (-1.16, 2.58)	0.69 (-1.48, 3.03)	0.7 (-1.47, 3.03)	NA	0.54 (-1.11, 2.41)
NB	0.48 (-0.69, 1.62)	0.08 (-1.3, 1.42)	0.48 (-0.99, 1.92)	0.26 (-0.87, 1.37)	0.43 (-0.87, 1.64)	0.1 (-1.01, 1.2)	0.32 (-0.95, 1.56)	0.29 (-0.87, 1.45)	0.28 (-1, 1.55)	0.03 (-0.94, 1)	0.06 (-1.34, 1.46)	0.14 (-1.75, 2.06)	0.15 (-1.74, 2.04)	-0.54 (-2.41, 1.11)	NB

5d.League table for INFb

	NPS	Saliva	MTS	NS	Sputum	NPA	BALOPS	NW	TS	N-TS	NPW	VTM-Swab	VTM-Aspirate	NA	NB
NPS	NPS	-0.39 (-1.12, 0.3)	0 (-0.91, 0.92)	-0.22 (-0.73, 0.3)	-0.04 (-0.6, 0.44)	-0.38 (-0.96, 0.21)	-0.16 (-0.69, 0.39)	-0.19 (-0.82, 0.46)	-0.19 (-0.88, 0.5)	-0.45 (-1.55, 0.65)	-0.41 (-1.29, 0.48)	-0.32 (-1.97, 1.29)	-0.32 (-1.95, 1.31)	-1 (-2.81, 0.57)	-0.48 (-1.64, 0.68)
Saliva	0.39 (-0.3, 1.12)	Saliva	0.39 (-0.75, 1.56)	0.18 (-0.69, 1.07)	0.35 (-0.56, 1.2)	0.01 (-0.9, 0.95)	0.24 (-0.65, 1.15)	0.21 (-0.73, 1.18)	0.2 (-0.77, 1.2)	-0.06 (-1.34, 1.27)	-0.02 (-1.14, 1.13)	0.07 (-1.7, 1.84)	0.08 (-1.69, 1.86)	-0.61 (-2.54, 1.12)	-0.09 (-1.43, 1.29)
MTS	0 (-0.92, 0.91)	-0.39 (-1.56, 0.75)	MTS	-0.22 (-1.25, 0.8)	-0.04 (-1.14, 0.95)	-0.38 (-1.44, 0.68)	-0.16 (-1.22, 0.9)	-0.19 (-1.24, 0.86)	-0.19 (-1.34, 0.93)	-0.45 (-1.85, 0.94)	-0.41 (-1.35, 0.51)	-0.32 (-2.17, 1.49)	-0.32 (-2.15, 1.5)	-1.01 (-3, 0.79)	-0.48 (-1.93, 0.96)
NS	0.22 (-0.3, 0.73)	-0.18 (-1.07, 0.69)	0.22 (-0.8, 1.25)	NS	0.18 (-0.55, 0.82)	-0.16 (-0.69, 0.38)	0.06 (-0.63, 0.76)	0.03 (-0.63, 0.71)	0.02 (-0.65, 0.7)	-0.23 (-1.29, 0.83)	-0.19 (-1.18, 0.79)	-0.1 (-1.76, 1.52)	-0.1 (-1.74, 1.55)	-0.79 (-2.57, 0.76)	-0.26 (-1.38, 0.85)
Sputum	0.04 (-0.44, 0.6)	-0.35 (-1.2, 0.56)	0.04 (-0.95, 1.14)	-0.18 (-0.82, 0.55)	Sputum	-0.34 (-1.05, 0.48)	-0.11 (-0.81, 0.67)	-0.15 (-0.9, 0.72)	-0.15 (-0.82, 0.6)	-0.41 (-1.56, 0.84)	-0.37 (-1.34, 0.7)	-0.28 (-1.97, 1.45)	-0.27 (-1.94, 1.47)	-0.95 (-2.81, 0.7)	-0.43 (-1.66, 0.85)
NPA	0.38 (-0.21, 0.96)	-0.01 (-0.95, 0.9)	0.38 (-0.68, 1.44)	0.16 (-0.38, 0.69)	0.34 (-0.48, 1.05)	NPA	0.22 (-0.54, 0.98)	0.19 (-0.52, 0.91)	0.19 (-0.63, 0.99)	-0.07 (-1.07, 0.91)	-0.03 (-1.05, 0.98)	0.06 (-1.6, 1.7)	0.07 (-1.6, 1.72)	-0.62 (-2.44, 0.95)	-0.1 (-1.21, 1)
BAL	\	\	\	\	\	\	BAL	\	\	\	\	\	\	\	\
OPS	0.16 (-0.39, 0.69)	-0.24 (-1.15, 0.65)	0.16 (-0.9, 1.22)	-0.06 (-0.76, 0.63)	0.11 (-0.67, 0.81)	-0.22 (-0.98, 0.54)	\	OPS	-0.03 (-0.84, 0.79)	-0.04 (-0.89, 0.81)	-0.25 (-1.28, 0.78)	-0.17 (-1.89, 1.53)	-0.16 (-1.88, 1.55)	-0.85 (-2.73, 0.8)	-0.32 (-1.58, 0.93)
NW	0.19 (-0.46, 0.82)	-0.21 (-1.18, 0.73)	0.19 (-0.86, 1.24)	-0.03 (-0.71, 0.63)	0.15 (-0.72, 0.9)	-0.19 (-0.91, 0.52)	0.03 (-0.79, 0.84)	NW	-0.01 (-0.89, 0.86)	-0.26 (-1.4, 0.86)	-0.22 (-1.17, 0.72)	-0.13 (-1.64, 1.32)	-0.13 (-1.64, 1.37)	-0.82 (-2.61, 0.72)	-0.29 (-1.45, 0.86)
TS	0.19 (-0.5, 0.88)	-0.2 (-1.2, 0.77)	0.19 (-0.93, 1.34)	-0.02 (-0.7, 0.65)	0.15 (-0.6, 0.82)	-0.19 (-0.99, 0.63)	0.04 (-0.81, 0.89)	0.01 (-0.86, 0.89)	TS	-0.26 (-1.49, 0.97)	-0.22 (-1.31, 0.88)	-0.13 (-1.87, 1.59)	-0.12 (-1.86, 1.63)	-0.81 (-2.69, 0.85)	-0.29 (-1.56, 0.99)
N-TS	0.45 (-0.65, 1.55)	0.06 (-1.27, 1.34)	0.45 (-0.94, 1.85)	0.23 (-0.83, 1.29)	0.41 (-0.84, 1.56)	0.07 (-0.91, 1.07)	0.29 (-0.9, 1.5)	0.26 (-0.86, 1.4)	0.26 (-0.97, 1.49)	N-TS	0.04 (-1.32, 1.41)	0.13 (-1.76, 1.99)	0.14 (-1.74, 2)	-0.55 (-2.48, 1.16)	-0.03 (-0.99, 0.93)
NPW	0.41 (-0.48, 1.29)	0.02 (-1.13, 1.14)	0.41 (-0.51, 1.35)	0.19 (-0.79, 1.18)	0.37 (-0.7, 1.34)	0.03 (-0.98, 1.05)	0.25 (-0.78, 1.28)	0.22 (-0.72, 1.17)	0.22 (-0.88, 1.31)	-0.04 (-1.41, 1.32)	NPW	0.09 (-1.71, 1.84)	0.09 (-1.68, 1.86)	-0.6 (-2.56, 1.17)	-0.07 (-1.48, 1.33)
VTM-Swab	0.32 (-1.29, 0.32)	-0.07 (-1.84, 1.7)	0.32 (-1.49, 0.85)	0.1 (-1.52, 1.32)	0.28 (-1.45, 0.89)	-0.06 (-1.7, 1.6)	0.17 (-1.53, 1.19)	0.13 (-1.32, 0.99)	0.13 (-1.59, 1.32)	-0.13 (-1.99, 1.73)	-0.09 (-1.84, 1.66)	VTM-Swab	0.01 (-1.51, 1.49)	-0.69 (-2.99, 1.61)	-0.16 (-2.03, 1.71)

b	1.97)	1.7)	2.17)	1.76)	1.97)		1.89)	1.64)	1.87)	1.76)	1.71)		1.54)	1.48)	1.73)
VTM-Asp	0.32 (-1.31,	-0.08 (-1.86,	0.32 (-1.5,	0.1 (-1.55,	0.27 (-1.47,	-0.07 (-1.72,	0.16 (-1.55,	0.13 (-1.37,	0.12 (-1.63,		-0.09 (-1.86,	-0.01 (-1.54,			-0.16 (-2.05,
irate	1.95)	1.69)	2.15)	1.74)	1.94)	1.6)	1.88)	1.64)	1.86)	-0.14 (-2, 1.74)	1.68)	1.51)	VTM-Aspirate	-0.7 (-3, 1.46)	1.73)
NA	1 (-0.57, 2.81)	0.61 (-1.12,	1.01 (-0.79, 3)	0.79 (-0.76,	0.95 (-0.7, 2.81)	0.62 (-0.95,	0.85 (-0.8,	0.82 (-0.72,	0.81 (-0.85,	0.55 (-1.16,	0.6 (-1.17, 2.56)	0.69 (-1.48,	0.7 (-1.46, 3)	NA	0.53 (-1.13, 2.4)
		2.54)		2.57)		2.44)	2.73)	2.61)	2.69)	2.48)		2.99)			
NB	0.48 (-0.68,	0.09 (-1.29,	0.48 (-0.96,	0.26 (-0.85,	0.43 (-0.85,	0.1 (-1, 1.21)	0.32 (-0.93,	0.29 (-0.86,	0.29 (-0.99,	0.03 (-0.93,	0.07 (-1.33,	0.16 (-1.73,	0.16 (-1.73,	-0.53 (-2.4,	NB
	1.64)	1.43)	1.93)	1.38)	1.66)		1.58)	1.45)	1.56)	0.99)	1.48)	2.03)	2.05)	1.13)	

5e.League table for RV

	NPS	Saliva	MTS	NS	Sputum	NPA	BA L	OPS	NW	TS	N-T S	NPW	VTM-Swa b	VTM-Aspirat e	NA	NB
NPS	NPS	0.4 (-0.32, 1.12)	-1.28 (-4.67, 0.96)	-0.22 (-0.91, 0.26)	-0.02 (-0.49, 0.47)	-0.18 (-1.06, 0.44)	\	-0.72 (-1.2, -0.33)	-0.2 (-0.95, 0.33)	-2.83 (-4, -1.81)	\	0.18 (-0.55, 0.89)	\	\	-0.42 (-1.41, 0.41)	-0.35 (-1.36, 0.46)
Saliva	-0.4 (-1.12, 0.32)	Saliva	-1.69 (-5.14, 0.67)	-0.62 (-1.66, 0.2)	-0.42 (-1.28, 0.46)	-0.58 (-1.76, 0.31)	\	-1.11 (-2.01, -0.33)	-0.6 (-1.68, 0.25)	-3.22 (-4.61, -2.02)	\	-0.23 (-1.25, 0.79)	\	\	-0.81 (-2.06, 0.26)	-0.75 (-2.01, 0.3)
MTS	1.28 (-0.96, 4.67)	1.69 (-0.67, 5.14)	MTS	1.04 (-1.31, 4.47)	1.27 (-1.03, 4.7)	1.08 (-1.34, 4.52)	\	0.56 (-1.75, 3.96)	1.05 (-1.3, 4.49)	-1.55 (-4.06, 1.97)	\	1.47 (-0.89, 4.91)	\	\	0.85 (-1.6, 4.36)	0.92 (-1.54, 4.44)
NS	0.22 (-0.26, 0.91)	0.62 (-0.2, 1.66)	-1.04 (-4.47, 1.31)	NS	0.2 (-0.44, 1.07)	0.05 (-0.44, 0.46)	\	-0.48 (-1.13, 0.24)	0.03 (-0.49, 0.51)	-2.59 (-3.52, -1.67)	\	0.4 (-0.43, 1.4)	\	\	-0.19 (-0.95, 0.58)	-0.12 (-0.9, 0.63)
Sputum	0.02 (-0.47, 0.49)	0.42 (-0.46, 1.28)	-1.27 (-4.7, 1.03)	-0.2 (-1.07, 0.44)	Sputum	-0.16 (-1.19, 0.58)	\	-0.7 (-1.4, -0.11)	-0.19 (-1.09, 0.5)	-2.81 (-4.08, -1.71)	\	0.2 (-0.69, 1.04)	\	\	-0.4 (-1.52, 0.54)	-0.33 (-1.46, 0.6)
NPA	0.18 (-0.44, 1.06)	0.58 (-0.31, 1.76)	-1.08 (-4.52, 1.34)	-0.05 (-0.46, 0.44)	0.16 (-0.58, 1.19)	NPA	\	-0.54 (-1.28, 0.37)	-0.02 (-0.69, 0.67)	-2.65 (-3.63, -1.59)	\	0.36 (-0.54, 1.5)	\	\	-0.23 (-1.08, 0.69)	-0.18 (-1.04, 0.75)
BAL	\	\	\	\	\	\	BA L	\	\	\	\	\	\	\	\	\
OPS	0.72 (0.33, 1.2)	1.11 (0.33, 2.01)	-0.56 (-3.96, 1.75)	0.48 (-0.24, 1.13)	0.7 (0.11, 1.4)	0.54 (-0.37, 1.28)	\	OPS	0.51 (-0.26, 1.17)	-2.1 (-3.29, -1)	\	0.9 (0.19, 1.68)	\	\	0.3 (-0.71, 1.23)	0.35 (-0.65, 1.29)
NW	0.2 (-0.33, 0.95)	0.6 (-0.25, 1.68)	-1.05 (-4.49, 1.3)	-0.03 (-0.51, 0.49)	0.19 (-0.5, 1.09)	0.02 (-0.67, 0.69)	\	-0.51 (-1.17, 0.26)	NW	-2.63 (-3.66, -1.56)	\	0.38 (-0.46, 1.42)	\	\	-0.21 (-0.97, 0.57)	-0.16 (-0.91, 0.62)
TS	2.83 (1.81, 4)	3.22 (2.02, 4.61)	1.55 (-1.97, 4.06)	2.59 (1.67, 3.52)	2.81 (1.71, 4.08)	2.65 (1.59, 3.63)	\	2.1 (1, 3.29)	2.63 (1.56, 3.66)	TS	\	3.01 (1.78, 4.38)	\	\	2.41 (1.21, 3.61)	2.46 (1.27, 3.65)
N-TS	\	\	\	\	\	\	\	\	\	\	N-T	\	\	\	\	\

	S													
NPW	-0.18 (-0.89, 0.55)	0.23 (-0.79, 1.25)	-1.47 (-4.91, 0.89)	-0.4 (-1.4, 0.43)	-0.2 (-1.04, 0.69)	-0.36 (-1.5, 0.54)	-0.9 (-1.68, -0.19)	-0.38 (-1.42, 0.46)	-3.01 (-4.38, -1.78)	NPW			-0.6 (-1.82, 0.47)	-0.53 (-1.77, 0.52)
VTM-Swab	\	\	\	\	\	\	\	\	\	\	VTM-Swab	\	\	\
VTM-Aspirate	\	\	\	\	\	\	\	\	\	\	VTM-Aspirate	\	\	\
NA	0.42 (-0.41, 1.41)	0.81 (-0.26, 2.06)	-0.85 (-4.36, 1.6)	0.19 (-0.58, 0.95)	0.4 (-0.54, 1.52)	0.23 (-0.69, 1.08)	-0.3 (-1.23, 0.71)	0.21 (-0.57, 0.97)	-2.41 (-3.61, -1.21)	0.6 (-0.47, 1.82)	NA			0.06 (-0.79, 0.89)
NB	0.35 (-0.46, 1.36)	0.75 (-0.3, 2.01)	-0.92 (-4.44, 1.54)	0.12 (-0.63, 0.9)	0.33 (-0.6, 1.46)	0.18 (-0.75, 1.04)	-0.35 (-1.29, 0.65)	0.16 (-0.62, 0.91)	-2.46 (-3.65, -1.27)	0.53 (-0.52, 1.77)	NB			-0.06 (-0.89, 0.79)

5f. League table for RSV

	NPS	Saliva	Saliva	NS	Sputum	NPA	BAL OPS	NW	TS	N-TS	NPW	VTM-Swab	VTM-Aspirate	NA	NB
NPS	NPS	-0.13 (-0.75, 0.39)	-0.64 (-1.07, -0.25)	-0.05 (-0.25, 0.14)	-0.09 (-0.24, 0.14)	0.08 (-0.12, 0.28)	-0.11 (-0.32, 0.07)	-0.08 (-0.56, 0.37)	-0.16 (-0.58, 0.18)	0.02 (-0.44, 0.48)	0.03 (-0.28, 0.33)	0 (-0.33, 0.32)	-0.58 (-1.08, -0.08)	1.54 (0.59, 2.47)	\
Saliva	0.13 (-0.39, 0.75)	Saliva	-0.5 (-1.18, 0.22)	0.08 (-0.41, 0.65)	0.05 (-0.48, 0.73)	0.21 (-0.29, 0.81)	0.02 (-0.53, 0.63)	0.06 (-0.64, 0.81)	-0.03 (-0.43, 0.41)	0.16 (-0.48, 0.88)	0.17 (-0.44, 0.83)	0.13 (-0.47, 0.82)	-0.44 (-1.15, 0.34)	1.67 (0.73, 2.61)	\
MTS	0.64 (0.25, 1.07)	0.5 (-0.22, 1.18)	Saliva	0.58 (0.14, 1.05)	0.55 (0.14, 1.05)	0.71 (0.28, 1.19)	0.53 (0.09, 0.97)	0.55 (-0.04, 1.18)	0.48 (-0.09, 1.02)	0.65 (0.06, 1.29)	0.66 (0.36, 1)	0.63 (0.14, 1.18)	0.06 (-0.56, 0.73)	2.17 (1.13, 3.14)	\
NS	0.05 (-0.14, 0.25)	-0.08 (-0.65, 0.41)	-0.58 (-1.05, -0.14)	NS	-0.03 (-0.27, 0.28)	0.14 (-0.01, 0.29)	-0.05 (-0.33, 0.19)	-0.03 (-0.52, 0.47)	-0.11 (-0.46, 0.19)	0.08 (-0.37, 0.52)	0.09 (-0.27, 0.43)	0.05 (-0.32, 0.43)	-0.53 (-1.05, 0.02)	1.58 (0.67, 2.5)	\
Sputum	0.09 (-0.14, 0.24)	-0.05 (-0.73, 0.48)	-0.55 (-1.05, -0.14)	0.03 (-0.28, 0.27)	Sputum	0.17 (-0.14, 0.41)	-0.02 (-0.36, 0.2)	0 (-0.53, 0.47)	-0.07 (-0.57, 0.29)	0.11 (-0.42, 0.58)	0.11 (-0.28, 0.44)	0.08 (-0.33, 0.42)	-0.5 (-1.05, 0.01)	1.62 (0.64, 2.56)	\
NPA	-0.08 (-0.28, 0.12)	-0.21 (-0.81, 0.29)	-0.71 (-1.19, -0.28)	-0.14 (-0.29, 0.01)	-0.17 (-0.41, 0.14)	NPA	-0.19 (-0.47, 0.05)	-0.17 (-0.66, 0.33)	-0.24 (-0.63, 0.08)	-0.06 (-0.48, 0.36)	-0.05 (-0.42, 0.3)	-0.09 (-0.46, 0.29)	-0.66 (-1.19, -0.13)	1.45 (0.52, 2.37)	\
BAL	\	\	\	\	\	\	BAL	\	\	\	\	\	\	\	\
OPS	0.11 (-0.07, 0.32)	-0.02 (-0.63, 0.53)	-0.53 (-0.97, -0.09)	0.05 (-0.19, 0.33)	0.02 (-0.2, 0.36)	0.19 (-0.05, 0.47)	OPS	0.03 (-0.47, 0.54)	-0.05 (-0.47, 0.35)	0.13 (-0.34, 0.64)	0.14 (-0.2, 0.48)	0.1 (-0.25, 0.5)	-0.47 (-0.99, 0.08)	1.65 (0.7, 2.57)	\
NW	0.08 (-0.37, 0.56)	-0.06 (-0.81, 0.64)	-0.55 (-1.18, 0.04)	0.03 (-0.47, 0.52)	0 (-0.47, 0.53)	0.17 (-0.33, 0.66)	-0.03 (-0.54, 0.47)	NW	-0.07 (-0.7, 0.48)	0.11 (-0.52, 0.75)	0.12 (-0.45, 0.65)	0.08 (-0.29, 0.45)	-0.5 (-0.91, -0.09)	1.61 (0.55, 2.64)	\
TS	0.16 (-0.18, 0.58)	0.03 (-0.41, 0.43)	-0.48 (-1.02, 0.09)	0.11 (-0.19, 0.46)	0.07 (-0.29, 0.57)	0.24 (-0.08, 0.63)	0.05 (-0.35, 0.47)	0.07 (-0.48, 0.7)	TS	0.19 (-0.33, 0.75)	0.19 (-0.26, 0.69)	0.15 (-0.3, 0.68)	-0.42 (-1.02, 0.23)	1.69 (0.85, 2.53)	\
N-TS	-0.02 (-0.48, 0.44)	-0.16 (-0.88, 0.48)	-0.65 (-1.29, -0.06)	-0.08 (-0.52, 0.37)	-0.11 (-0.58, 0.42)	0.06 (-0.36, 0.48)	-0.13 (-0.64, 0.34)	-0.11 (-0.75, 0.52)	-0.19 (-0.75, 0.33)	N-TS	0.02 (-0.54, 0.55)	-0.03 (-0.58, 0.53)	-0.6 (-1.27, 0.07)	1.5 (0.48, 2.51)	\
NPW	-0.03 (-0.33, 0.27)	-0.17 (-0.83, 0.49)	-0.66 (-1, -0.36)	-0.09 (-0.43, 0.25)	-0.11 (-0.44, 0.22)	0.05 (-0.3, 0.42)	-0.14 (-0.48, 0.2)	-0.12 (-0.65, 0.41)	-0.19 (-0.69, 0.31)	-0.02 (-0.55, 0.51)	NPW	-0.03 (-0.46, 0.4)	-0.61 (-1.18, -0.04)	1.49 (0.51, 2.47)	\

	0.28)	0.44)		0.27)	0.28)		0.2)	0.45)	0.26)	0.54)		0.42)	-0.02)	2.44)		
VTM-Swab	-0.13 (-0.32, 0.33)	-0.63 (-1.18, 0.47)	-0.05 (-0.43, 0.32)	-0.08 (-0.42, 0.33)	0.09 (-0.29, 0.46)	\	-0.1 (-0.5, 0.25)	-0.08 (-0.45, 0.29)	-0.15 (-0.68, 0.3)	0.03 (-0.53, 0.58)	0.03 (-0.42, 0.46)	VTM-Swab	-0.58 (-0.97, -0.18)	1.54 (0.54, 2.53)	\	
VTM-Aspirate	0.58 (0.08, 1.08)	0.44 (-0.34, 1.15)	-0.06 (-0.73, 0.56)	0.53 (-0.02, 1.05)	0.5 (-0.01, 1.05)	0.66 (0.13, 1.19)	\	0.47 (-0.08, 0.99)	0.5 (0.09, 0.91)	0.42 (-0.23, 1.02)	0.6 (-0.07, 1.27)	0.61 (0.02, 1.18)	0.58 (0.18, 0.97)	VTM-Aspirate	2.11 (1.03, 3.17)	\
NA	-1.54 (-2.47, -0.59)	-1.67 (-2.61, -0.73)	-2.17 (-3.14, -1.13)	-1.58 (-2.5, -0.67)	-1.62 (-2.56, -0.64)	-1.45 (-2.37, -0.52)	\	-1.65 (-2.57, -0.7)	-1.61 (-2.64, -0.55)	-1.69 (-2.53, -0.85)	-1.5 (-2.51, -0.48)	-1.49 (-2.44, -0.51)	-1.54 (-2.53, -0.54)	-2.11 (-3.17, -1.03)	NA	\
NB	\	\	\	\	\	\	\	\	\	\	\	\	\	\	\	NB

5g.League table for PIV

	NPS	Saliva	MT S	NS	Sputum	NPA	BA L	OPS	NW	TS	N-TS	NPW	VTM-Swa b	VTM-Aspirat e	NA	NB
NPS	NPS	0.11 (-1.26, 1.46)	\	-0.11 (-0.59, 0.23)	-0.34 (-0.65, 0)	-0.1 (-0.67, 0.34)	\	-0.5 (-0.8, -0.23)	-0.35 (-1.28, 0.46)	-1.36 (-3.11, 0.29)	-0.23 (-1.1, 0.52)	0.01 (-0.5, 0.51)	\	\	-0.41 (-1.88, 0.97)	-0.33 (-2.02, 0.97)
Saliva	-0.11 (-1.46, 1.26)	Saliva	\	-0.22 (-1.66, 1.14)	-0.44 (-1.83, 0.96)	-0.2 (-1.7, 1.16)	\	-0.61 (-2, 0.77)	-0.47 (-2.13, 1.01)	-1.46 (-2.71, -0.37)	-0.34 (-1.98, 1.16)	-0.1 (-1.59, 1.35)	\	\	-0.54 (-2.58, 1.46)	-0.5 (-2.58, 1.45)
MTS	\	\	MT S	\	\	\	\	\	\	\	\	\	\	\	\	\
NS	0.11 (-0.23, 0.59)	0.22 (-1.14, 1.66)	\	NS	-0.23 (-0.66, 0.37)	0.02 (-0.29, 0.3)	\	-0.39 (-0.82, 0.15)	-0.24 (-1.1, 0.52)	-1.24 (-2.97, 0.44)	-0.11 (-0.84, 0.58)	0.12 (-0.47, 0.82)	\	\	-0.29 (-1.7, 1.04)	-0.2 (-1.85, 1.05)
Sputum	0.34 (0, 0.65)	0.44 (-0.96, 1.83)	\	0.23 (-0.37, 0.66)	Sputum	0.24 (-0.44, 0.75)	\	-0.17 (-0.62, 0.24)	-0.01 (-1.01, 0.84)	-1.03 (-2.8, 0.65)	0.11 (-0.84, 0.91)	0.34 (-0.26, 0.92)	\	\	-0.08 (-1.59, 1.32)	0 (-1.72, 1.33)
NPA	0.1 (-0.34, 0.67)	0.2 (-1.16, 1.7)	\	-0.02 (-0.3, 0.29)	-0.24 (-0.75, 0.44)	NPA	\	-0.41 (-0.91, 0.22)	-0.27 (-1.17, 0.58)	-1.26 (-3.02, 0.46)	-0.13 (-0.79, 0.5)	0.1 (-0.57, 0.88)	\	\	-0.3 (-1.75, 1.06)	-0.22 (-1.9, 1.09)
BAL	\	\	\	\	\	\	BA L	\	\	\	\	\	\	\	\	\
OPS	0.5 (0.23, 0.8)	0.61 (-0.77, 2)	\	0.39 (-0.15, 0.82)	0.17 (-0.24, 0.62)	0.41 (-0.22, 0.91)	\	OPS	0.15 (-0.82, 1)	-0.85 (-2.63, 0.82)	0.28 (-0.62, 1.06)	0.51 (-0.07, 1.09)	\	\	0.09 (-1.39, 1.52)	0.17 (-1.53, 1.5)
NW	0.35 (-0.46, 1.28)	0.47 (-1.01, 2.13)	\	0.24 (-0.52, 1.1)	0.01 (-0.84, 1.01)	0.27 (-0.58, 1.17)	\	-0.15 (-1, 0.82)	NW	-1.02 (-2.77, 0.91)	0.14 (-0.95, 1.22)	0.36 (-0.55, 1.41)	\	\	-0.05 (-1.62, 1.43)	0.04 (-1.68, 1.43)
TS	1.36 (-0.29, 3.11)	1.46 (0.37, 2.71)	\	1.24 (-0.44, 2.97)	1.03 (-0.65, 2.8)	1.26 (-0.46, 3.02)	\	0.85 (-0.82, 2.63)	1.02 (-0.91, 2.77)	TS	1.13 (-0.7, 3.04)	1.37 (-0.34, 3.18)	\	\	0.89 (-1.34, 3.14)	0.98 (-1.28, 3.22)
N-TS	0.23 (-0.52, 1.1)	0.34 (-1.16, 1.46)	\	0.11 (-0.58, 0.84)	-0.11 (-0.91, 0.69)	0.13 (-0.5, 0.79)	\	-0.28 (-1.06, 0.5)	-0.14 (-1.22, 0.94)	-1.13 (-3.04, 0.7)	N-TS	0.24 (-0.67, 0.19)	\	\	-0.17 (-1.77, 1.43)	-0.1 (-1.93, 1.4)

		1.98)		0.84)		0.62)	0.95)		1.26)		1.34)			
NPW	-0.01 (-0.51, 0.5)	0.1 (-1.35, 1.59)	-0.12 (-0.82, 0.47)	-0.34 (-0.92, 0.26)	-0.1 (-0.88, 0.57)	-0.51 (-1.09, 0.07)	-0.36 (-1.41, 0.55)	-1.37 (-3.18, 0.34)	-0.24 (-1.26, 0.67)	NPW	\	\	-0.42 (-1.99, 1.05)	-0.35 (-2.1, 1.07)
VTM-Swab	\	\	\	\	\	\	\	\	\	VTM-Swab	\	\	\	\
VTM-Aspirate	\	\	\	\	\	\	\	\	\	VTM-Aspirate	\	\	\	\
NA	0.41 (-0.97, 1.88)	0.54 (-1.46, 2.58)	0.29 (-1.04, 1.7)	0.08 (-1.32, 1.59)	0.3 (-1.06, 1.75)	-0.09 (-1.52, 1.39)	0.05 (-1.43, 1.62)	-0.89 (-3.14, 1.34)	0.17 (-1.34, 1.77)	0.42 (-1.05, 1.99)	NA	\	0.05 (-1.65, 1.7)	
NB	0.33 (-0.97, 2.02)	0.5 (-1.45, 2.58)	0.2 (-1.05, 1.85)	0 (-1.33, 1.72)	0.22 (-1.09, 1.9)	-0.17 (-1.5, 1.53)	-0.04 (-1.43, 1.68)	-0.98 (-3.22, 1.28)	0.1 (-1.4, 1.93)	0.35 (-1.07, 2.1)	NB	\	-0.05 (-1.7, 1.65)	

5h.League table for ADV

	NPS	Saliva	MTS	NS	Sputum	NPA	BAL OPS	NW	TS	N-TS	NPW	VTM- Swab	VTM-Aspi rate	NA	NB
NPS	NPS	2.33 (1.05, 3.64)	0.9 (-1.97, 4.57)	-0.07 (-0.9, 0.74)	-0.24 (-0.83, 0.66)	0.05 (-0.93, 1.01)	-0.03 (-0.8, 0.4)	-0.81 (-2.07, 0.25)	0.32 (-2.11, 2.56)	-0.34 (-1.74, 1.03)	1.04 (0.09, 1.99)	\	\	-0.59 (-2.17, 0.87)	-0.87 (-2.57, 0.68)
Saliva	-2.33 (-3.64, -1.05)	Saliva	-1.45 (-4.56, 2.46)	-2.41 (-3.89, -0.9)	-2.55 (-3.98, -0.91)	-2.28 (-3.86, -0.7)	-2.38 (-3.89, -1.1)	-3.17 (-4.88, -1.5)	-2 (-4.57, 0.28)	-2.69 (-4.53, -0.78)	-1.29 (-2.89, 0.34)	\	\	-2.95 (-4.87, -0.97)	-3.21 (-5.29, -1.2)
MTS	-0.9 (-4.57, 1.97)	1.45 (-2.46, 4.56)	MTS	-0.97 (-4.57, 1.78)	-1.11 (-4.82, 1.89)	-0.85 (-4.44, 1.84)	-0.96 (-4.73, 1.91)	-1.74 (-5.52, 1.2)	-0.61 (-4.86, 2.95)	-1.25 (-4.93, 1.64)	0.14 (-3.66, 3.15)	\	\	-1.51 (-5.36, 1.54)	-1.78 (-5.67, 1.27)
NS	0.07 (-0.74, 0.9)	2.41 (0.9, 3.89)	0.97 (-1.78, 4.57)	NS	-0.16 (-1.11, 1.11)	0.13 (-0.4, 0.64)	0.05 (-1.11, 0.87)	-0.75 (-1.97, 0.35)	0.39 (-1.98, 2.61)	-0.27 (-1.39, 0.85)	1.11 (-0.14, 2.38)	\	\	-0.52 (-1.96, 0.83)	-0.8 (-2.37, 0.65)
Sputum	0.24 (-0.66, 0.83)	2.55 (0.91, 3.98)	1.11 (-1.89, 4.82)	0.16 (-1.11, 1.11)	Sputum	0.28 (-1.1, 1.35)	0.2 (-1.1, 0.87)	-0.61 (-2.15, 0.6)	0.51 (-2.05, 2.85)	-0.12 (-1.82, 1.3)	1.28 (-0.09, 2.32)	\	\	-0.38 (-2.22, 1.15)	-0.66 (-2.6, 0.97)
NPA	-0.05 (-1.01, 0.93)	2.28 (0.7, 3.86)	0.85 (-1.84, 4.44)	-0.13 (-0.64, 0.4)	-0.28 (-1.35, 1.1)	NPA	-0.09 (-1.36, 0.88)	-0.88 (-2.21, 0.35)	0.27 (-2.16, 2.53)	-0.39 (-1.39, 0.6)	0.99 (-0.37, 2.36)	\	\	-0.65 (-2.18, 0.8)	-0.92 (-2.59, 0.62)
BAL	\	\	\	\	\	\	BAL	\	\	\	\	\	\	\	\
OPS	0.03 (-0.4, 0.8)	2.38 (1.1, 3.89)	0.96 (-1.91, 4.73)	-0.05 (-0.87, 1.11)	-0.2 (-0.87, 1.1)	0.09 (-0.88, 1.36)	OPS	-0.77 (-2.01, 0.48)	0.39 (-2.06, 2.74)	-0.31 (-1.65, 1.35)	1.06 (0.11, 2.38)	\	\	-0.55 (-2.1, 1.12)	-0.82 (-2.51, 0.91)
NW	0.81 (-0.25, 2.07)	3.17 (1.5, 4.88)	1.74 (-1.2, 5.52)	0.75 (-0.35, 1.97)	0.61 (-0.6, 2.15)	0.88 (-0.35, 2.21)	0.77 (-0.48, 2.01)	NW	1.15 (-1.41, 3.66)	0.48 (-1.07, 2.14)	1.85 (0.45, 3.45)	\	\	0.23 (-1.25, 1.74)	-0.04 (-1.66, 1.55)
TS	-0.32 (-2.56, 2.11)	2 (-0.28, 4.57)	0.61 (-2.95, 4.86)	-0.39 (-2.61, 1.98)	-0.51 (-2.85, 2.05)	-0.27 (-2.53, 2.16)	-0.39 (-2.74, 2.06)	-1.15 (-3.66, 1.41)	TS	-0.65 (-3.13, 1.96)	0.73 (-1.69, 3.31)	\	\	-0.92 (-3.53, 1.83)	-1.2 (-3.87, 1.6)
N-TS	0.34 (-1.03, 1.74)	2.69 (0.78, 4.53)	1.25 (-1.64, 4.93)	0.27 (-0.85, 1.39)	0.12 (-1.3, 1.82)	0.39 (-0.6, 1.39)	0.31 (-1.35, 1.65)	-0.48 (-2.14, 1.07)	0.65 (-1.96, 3.13)	N-TS	1.38 (-0.29, 3.06)	\	\	-0.26 (-2.06, 1.48)	-0.52 (-2.49, 1.29)

NPW	-1.04 (-1.99, -0.09)	1.29 (-0.34, 2.89)	-0.14 (-3.15, 3.66)	-1.11 (-2.38, 0.14)	-1.28 (-2.32, 0.09)	-0.99 (-2.36, 0.37)	\	-1.06 (-2.38, -0.11)	-1.85 (-3.45, -0.45)	-0.73 (-3.31, 1.69)	-1.38 (-3.06, 0.29)	NPW	\	\	-1.64 (-3.46, 0.1)	-1.9 (-3.86, -0.1)
VTM-Swab	\	\	\	\	\	\	\	\	\	\	\	\	VTM-Swab	\	\	\
VTM-Aspirate	\	\	\	\	\	\	\	\	\	\	\	\	VTM-Aspirate	\	\	\
NA	0.59 (-0.87, 2.17)	2.95 (0.97, 4.87)	1.51 (-1.54, 5.36)	0.52 (-0.83, 1.96)	0.38 (-1.15, 2.22)	0.65 (-0.8, 2.18)	\	0.55 (-1.12, 2.1)	-0.23 (-1.74, 1.25)	0.92 (-1.83, 3.53)	0.26 (-1.48, 2.06)	1.64 (-0.1, 3.46)	\	\	NA	-0.27 (-1.93, 1.37)
NB	0.87 (-0.68, 2.57)	3.21 (1.2, 5.29)	1.78 (-1.27, 5.67)	0.8 (-0.65, 2.37)	0.66 (-0.97, 2.6)	0.92 (-0.62, 2.59)	\	0.82 (-0.91, 2.51)	0.04 (-1.55, 1.66)	1.2 (-1.6, 3.87)	0.52 (-1.29, 2.49)	1.9 (0.1, 3.86)	\	\	0.27 (-1.37, 1.93)	NB

5i.League table for COV

		B														
		NPS	Saliva	MTS	NS	Sputum	NPA	A OPS	NW	TS	N- TS	NPW	VTM- Swab	VTM-As pirate	NA	NB
		L														
NPS	NPS	-0.04 (-0.57, 0.5)	0.02 (-0.71, 0.75)	-0.21 (-1.22, 0.66)	0.37 (-0.54, 1.28)	-0.2 (-1.35, 0.82)	-0.19 (-0.56, 0.16)	-0.17 (-0.89, 0.48)	-0.47 (-1.9, 0.95)	-0.08 (-0.51, 0.32)	\	\	\	\	-0.48 (-1.95, 0.76)	-0.48 (-1.91, 0.81)
Saliva	Saliva	0.04 (-0.5, 0.57)	0.06 (-0.86, 0.96)	-0.19 (-1.31, 0.85)	0.41 (-0.63, 1.46)	-0.17 (-1.42, 0.99)	-0.15 (-0.81, 0.48)	-0.14 (-1.03, 0.71)	-0.44 (-1.98, 1.08)	-0.05 (-0.73, 0.62)	\	\	\	\	-0.44 (-2, 0.9)	-0.44 (-1.95, 0.95)
MTS	MTS	-0.02 (-0.75, 0.71)	-0.06 (-0.96, 0.86)	-0.25 (-1.48, 0.89)	0.35 (-0.86, 1.51)	-0.23 (-1.59, 1.02)	-0.21 (-1.05, 0.59)	-0.2 (-1.23, 0.78)	-0.49 (-2.15, 1.1)	-0.1 (-0.94, 0.73)	\	\	\	\	-0.51 (-2.12, 0.96)	-0.5 (-2.12, 0.92)
NS	NS	0.21 (-0.66, 1.22)	0.19 (-0.85, 1.31)	0.25 (-0.89, 1.48)	0.6 (-0.72, 1.95)	0.02 (-0.55, 0.57)	0.02 (-0.86, 1.02)	0.04 (-0.59, 0.71)	-0.26 (-1.32, 0.87)	0.13 (-0.84, 1.19)	\	\	\	\	-0.24 (-1.53, 0.82)	-0.26 (-1.49, 0.85)
Sputum	Sputum	-0.37 (-1.28, 0.54)	-0.41 (-1.46, 0.63)	-0.35 (-1.51, 0.86)	-0.6 (-1.95, 0.72)	-0.59 (-2.01, 0.85)	-0.56 (-1.56, 0.42)	-0.55 (-1.69, 0.6)	-0.86 (-2.54, 0.84)	-0.45 (-1.46, 0.56)	\	\	\	\	-0.84 (-2.57, 0.73)	-0.86 (-2.56, 0.75)
NPA	NPA	0.2 (-0.82, 1.35)	0.17 (-0.99, 1.42)	0.23 (-1.02, 1.59)	-0.02 (-0.57, 0.55)	0.59 (-0.85, 2.01)	0.01 (-1.03, 1.17)	0.02 (-0.79, 0.88)	-0.28 (-1.47, 1.03)	0.12 (-0.97, 1.31)	\	\	\	\	-0.27 (-1.64, 0.98)	-0.27 (-1.62, 0.99)
		B														
		L														
BAL	BAL	\	\	\	\	\	\	\	\	\	\	\	\	\	\	\
OPS	OPS	0.19 (-0.16, 0.56)	0.15 (-0.48, 0.81)	0.21 (-0.59, 1.05)	-0.02 (-1.02, 0.86)	0.56 (-0.42, 1.56)	-0.01 (-1.17, 1.03)	0.01 (-0.69, 0.68)	-0.29 (-1.72, 1.14)	0.11 (-0.35, 0.56)	\	\	\	\	-0.29 (-1.76, 0.95)	-0.29 (-1.73, 1.01)
NW	NW	0.17 (-0.48, 0.89)	0.14 (-0.71, 1.03)	0.2 (-0.78, 1.23)	-0.04 (-0.71, 0.59)	0.55 (-0.6, 1.69)	-0.02 (-0.88, 0.79)	-0.01 (-0.68, 0.69)	-0.3 (-1.55, 0.98)	0.09 (-0.67, 0.88)	\	\	\	\	-0.28 (-1.55, 0.77)	-0.3 (-1.53, 0.78)
TS	TS	0.47 (-0.95, 0.44 (-1.08, 0.49 (-1.1, 0.26 (-0.87, 0.86 (-0.84, 0.28 (-1.03, 0.29 (-1.14, 0.3 (-0.98, 0.01 (-1.1, 1.88) \	0.44 (-1.08, 0.49 (-1.1, 0.26 (-0.87, 0.86 (-0.84, 0.28 (-1.03, 0.29 (-1.14, 0.3 (-0.98, 0.01 (-1.1, 1.88) \	0.49 (-1.1, 0.26 (-0.87, 0.86 (-0.84, 0.28 (-1.03, 0.29 (-1.14, 0.3 (-0.98, 0.01 (-1.1, 1.88) \	0.26 (-0.87, 0.86 (-0.84, 0.28 (-1.03, 0.29 (-1.14, 0.3 (-0.98, 0.01 (-1.1, 1.88) \	0.86 (-0.84, 0.28 (-1.03, 0.29 (-1.14, 0.3 (-0.98, 0.01 (-1.1, 1.88) \	0.28 (-1.03, 0.29 (-1.14, 0.3 (-0.98, 0.01 (-1.1, 1.88) \	0.3 (-0.98, 0.01 (-1.1, 1.88) \	0.01 (-1.1, 1.88) \	0.01 (-1.73, 0 (-1.7, 1.5)	0.01 (-1.73, 0 (-1.7, 1.5)	0.01 (-1.73, 0 (-1.7, 1.5)	0.01 (-1.73, 0 (-1.7, 1.5)	0.01 (-1.73, 0 (-1.7, 1.5)	0.01 (-1.73, 0 (-1.7, 1.5)	0.01 (-1.73, 0 (-1.7, 1.5)

	1.9)	1.98)	2.15)	1.32)	2.54)	1.47)	1.72)	1.55)				1.55)		
N-TS	\	\	\	\	\	\	\ \	\	\	N-TS	\	\	\	
NPW	0.08 (-0.32, 0.51)	0.05 (-0.62, 0.73)	0.1 (-0.73, 0.94)	-0.13 (-1.19, 0.84)	0.45 (-0.56, 1.46)	-0.12 (-1.31, 0.97)	-0.11 (-0.56, 0.35)	-0.09 (-0.88, 0.67)	-0.4 (-1.88, 1.1)	\ NPW	\	\	-0.4 (-1.9, 0.91)	-0.41 (-1.88, 0.95)
VTM-Swab	\	\	\	\	\	\	\ \	\	\	\ \	VTM-Swab	\	\	
VTM-Aspirate	\	\	\	\	\	\	\ \	\	\	\ \	VTM-Aspirate	\	\	
NA	0.48 (-0.76, 1.95)	0.44 (-0.9, 2)	0.51 (-0.96, 2.12)	0.24 (-0.82, 1.53)	0.84 (-0.73, 2.57)	0.27 (-0.98, 1.64)	0.29 (-0.95, 1.76)	0.28 (-0.77, 1.55)	-0.01 (-1.55, 1.73)	\ 0.4 (-0.91, 1.9)	\	NA	-0.01 (-1.36, 1.35)	
NB	0.48 (-0.81, 1.91)	0.44 (-0.95, 1.95)	0.5 (-0.92, 2.12)	0.26 (-0.85, 1.49)	0.86 (-0.75, 2.56)	0.27 (-0.99, 1.62)	0.29 (-1.01, 1.73)	0.3 (-0.78, 1.53)	0 (-1.5, 1.7)	\ 0.41 (-0.95, 1.88)	\	0.01 (-1.35, 1.36)	NB	

Abbreviation: NPS=Nasopharyngeal swabs;NS=Nasal swab; MTS=Mid-turbinate swab;OPS=Oropharyngeal swab;TS=Throat swab;TS=Nose-Throat swab; NPA=Nasopharyngeal aspirate;NA=Nasal aspirate;NW=Nasopharyngeal wash; NS=Nasal wash;NB=Nasal brush;BAL=Bronchoalveolar Lavage;VTM-S=Swab with viral transport medium; VTM-A=Aspirate with viral transport medium.