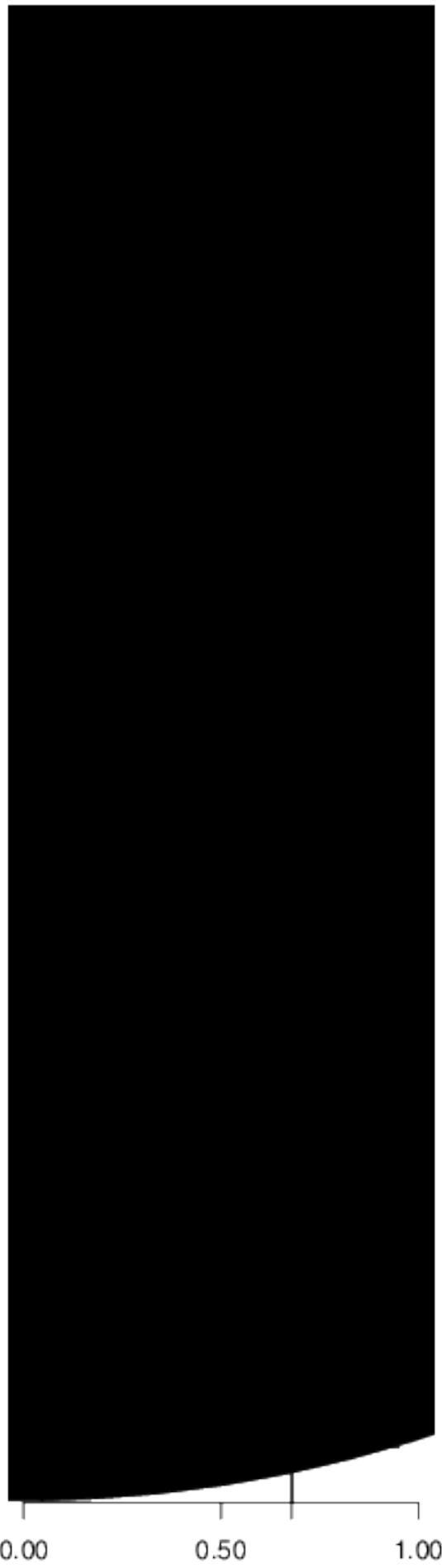
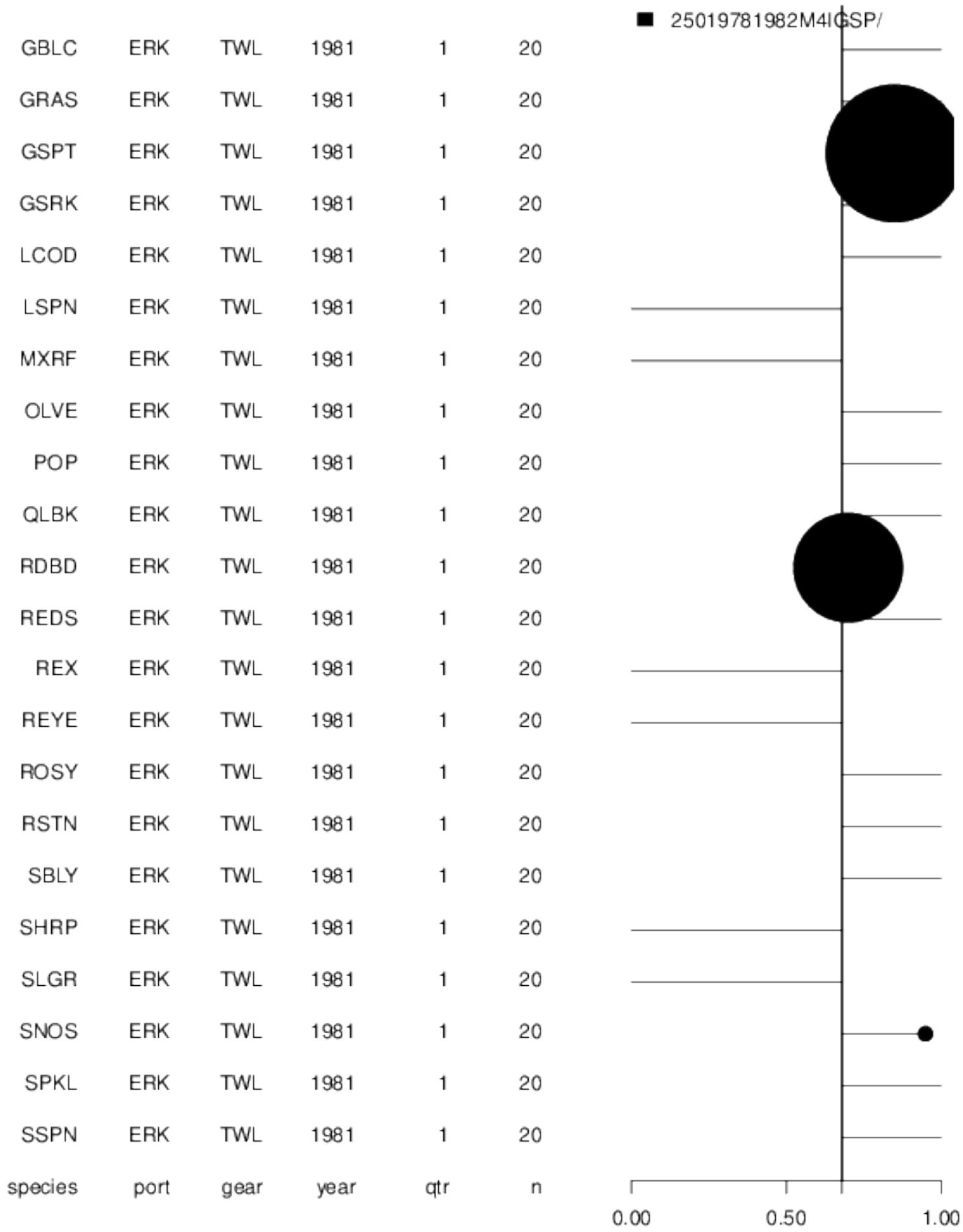
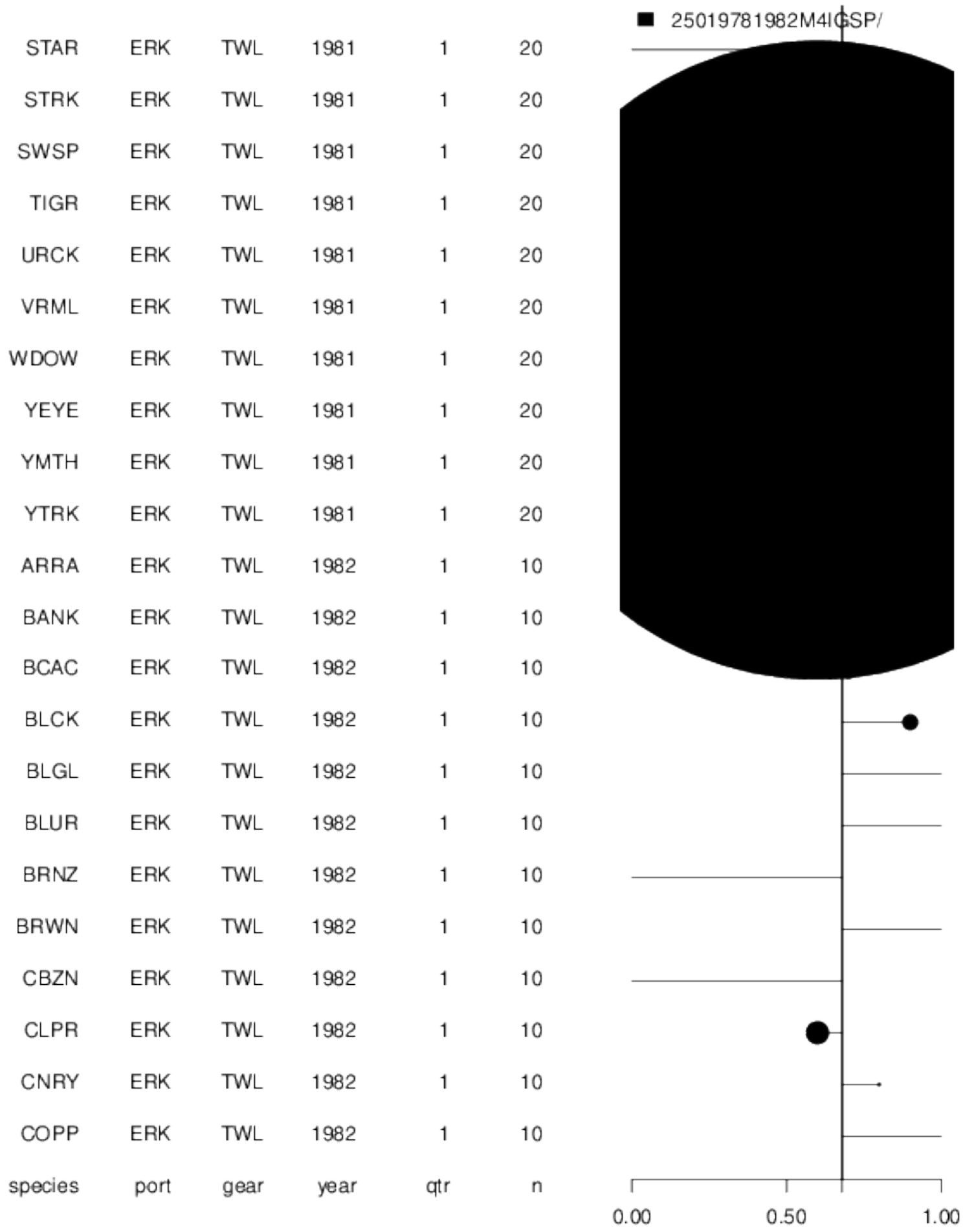
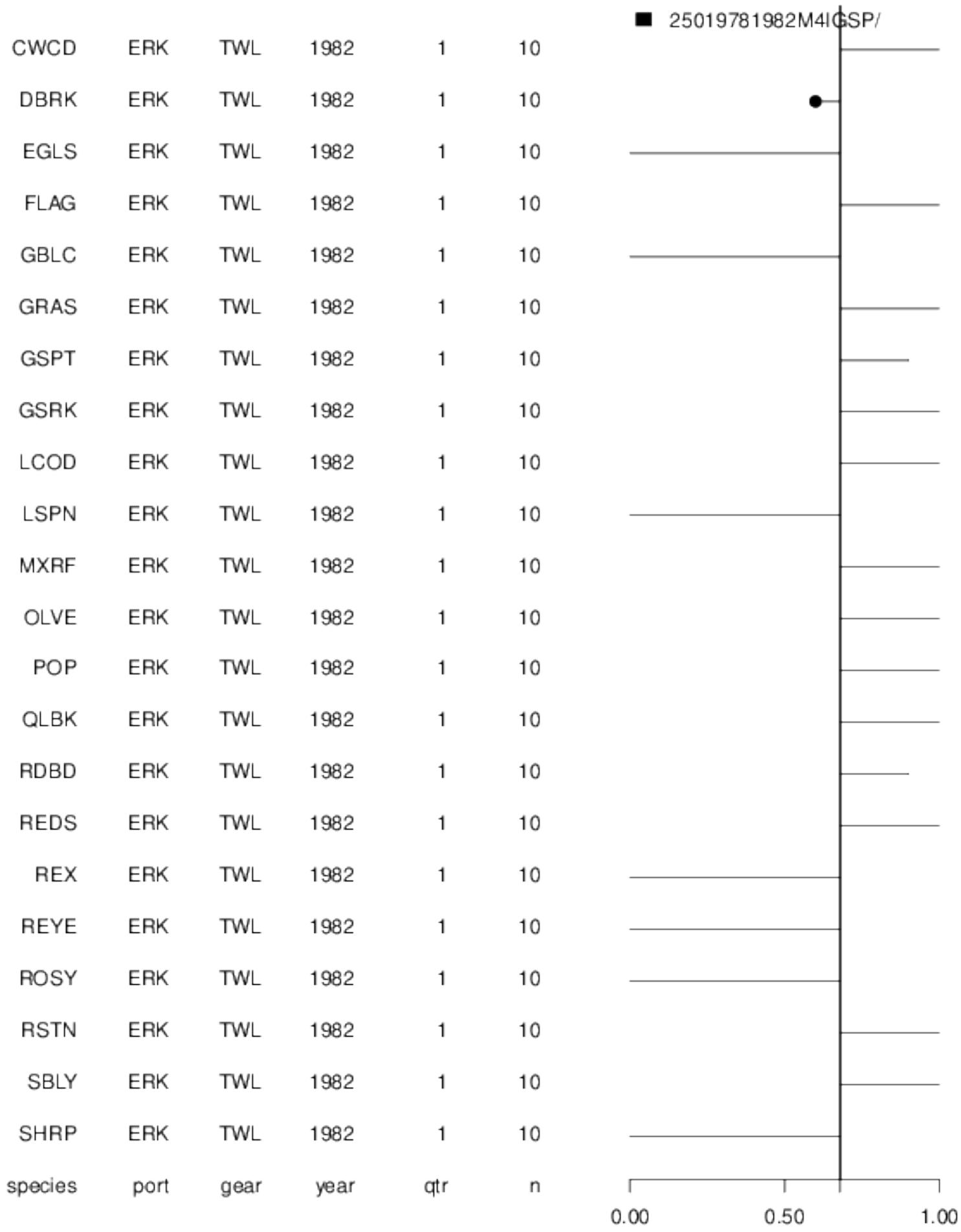


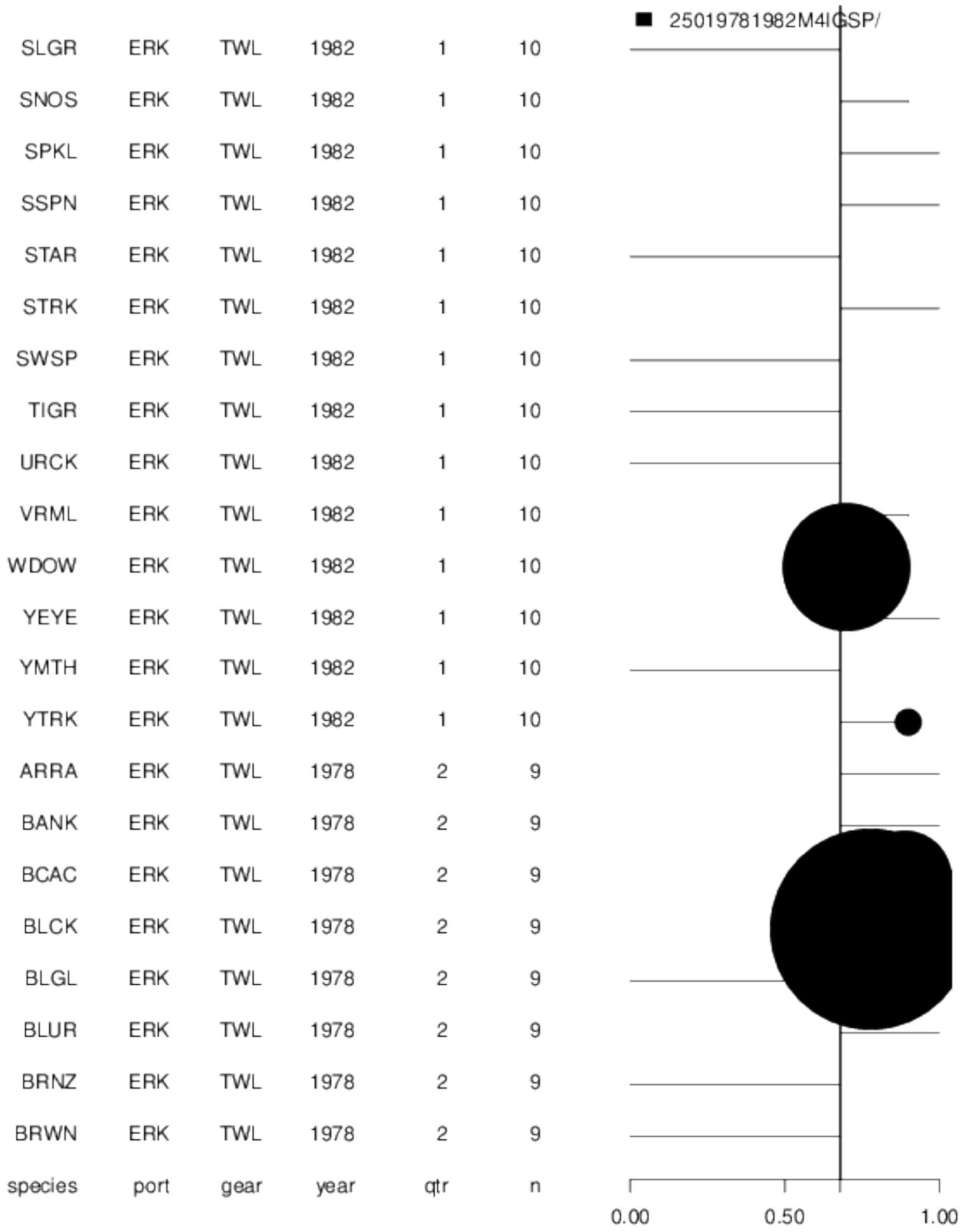
species	port	gear	year	qtr	n
URCK	ERK	TWL	1980	1	2
VRML	ERK	TWL	1980	1	2
WDOW	ERK	TWL	1980	1	2
YEYE	ERK	TWL	1980	1	2
YMTH	ERK	TWL	1980	1	2
YTRK	ERK	TWL	1980	1	2
ARRA	ERK	TWL	1981	1	20
BANK	ERK	TWL	1981	1	20
BCAC	ERK	TWL	1981	1	20
BLCK	ERK	TWL	1981	1	20
BLGL	ERK	TWL	1981	1	20
BLUR	ERK	TWL	1981	1	20
BRNZ	ERK	TWL	1981	1	20
BRWN	ERK	TWL	1981	1	20
CBZN	ERK	TWL	1981	1	20
CLPR	ERK	TWL	1981	1	20
CNRY	ERK	TWL	1981	1	20
COPP	ERK	TWL	1981	1	20
CWCD	ERK	TWL	1981	1	20
DBRK	ERK	TWL	1981	1	20
EGLS	ERK	TWL	1981	1	20
FLAG	ERK	TWL	1981	1	20

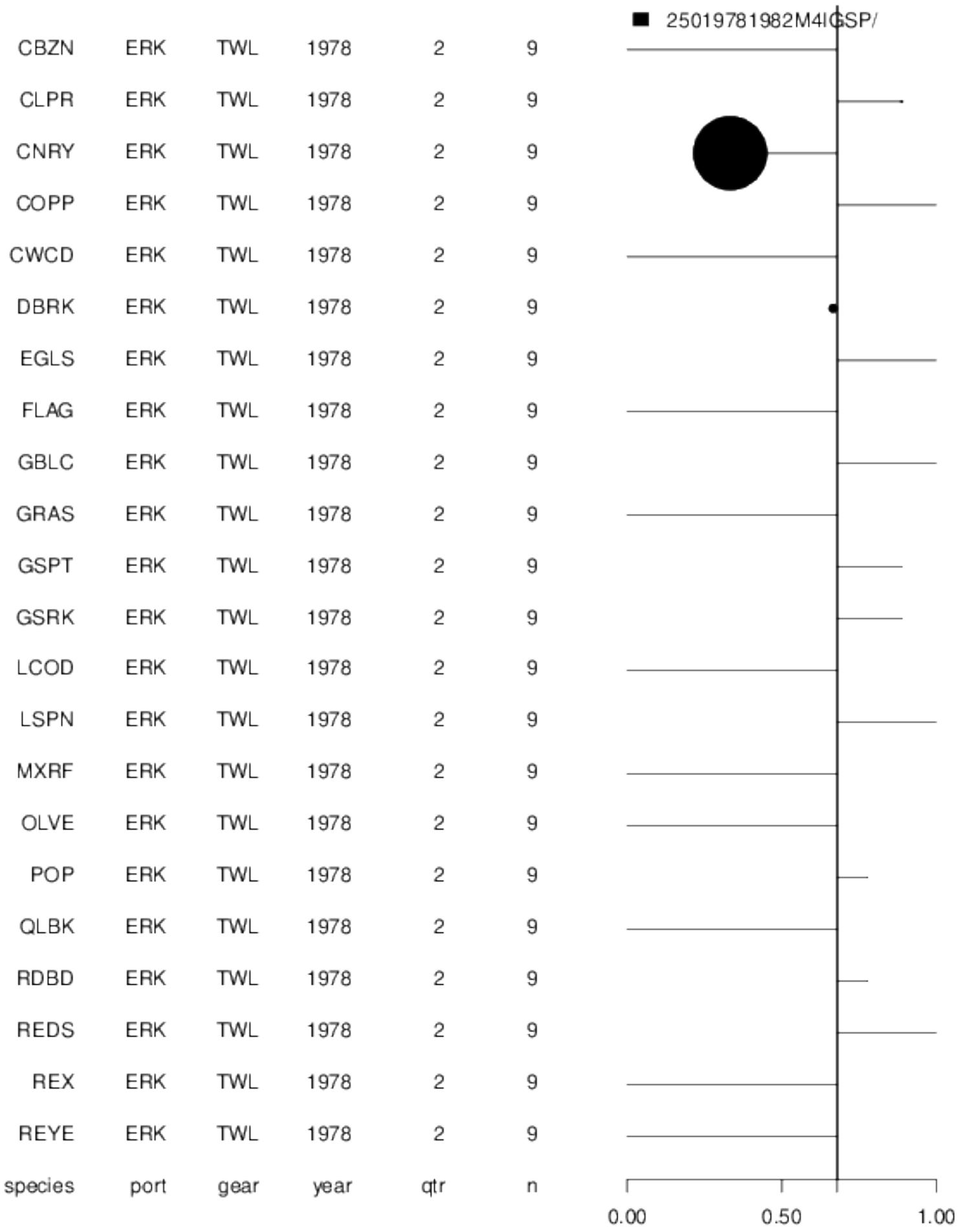


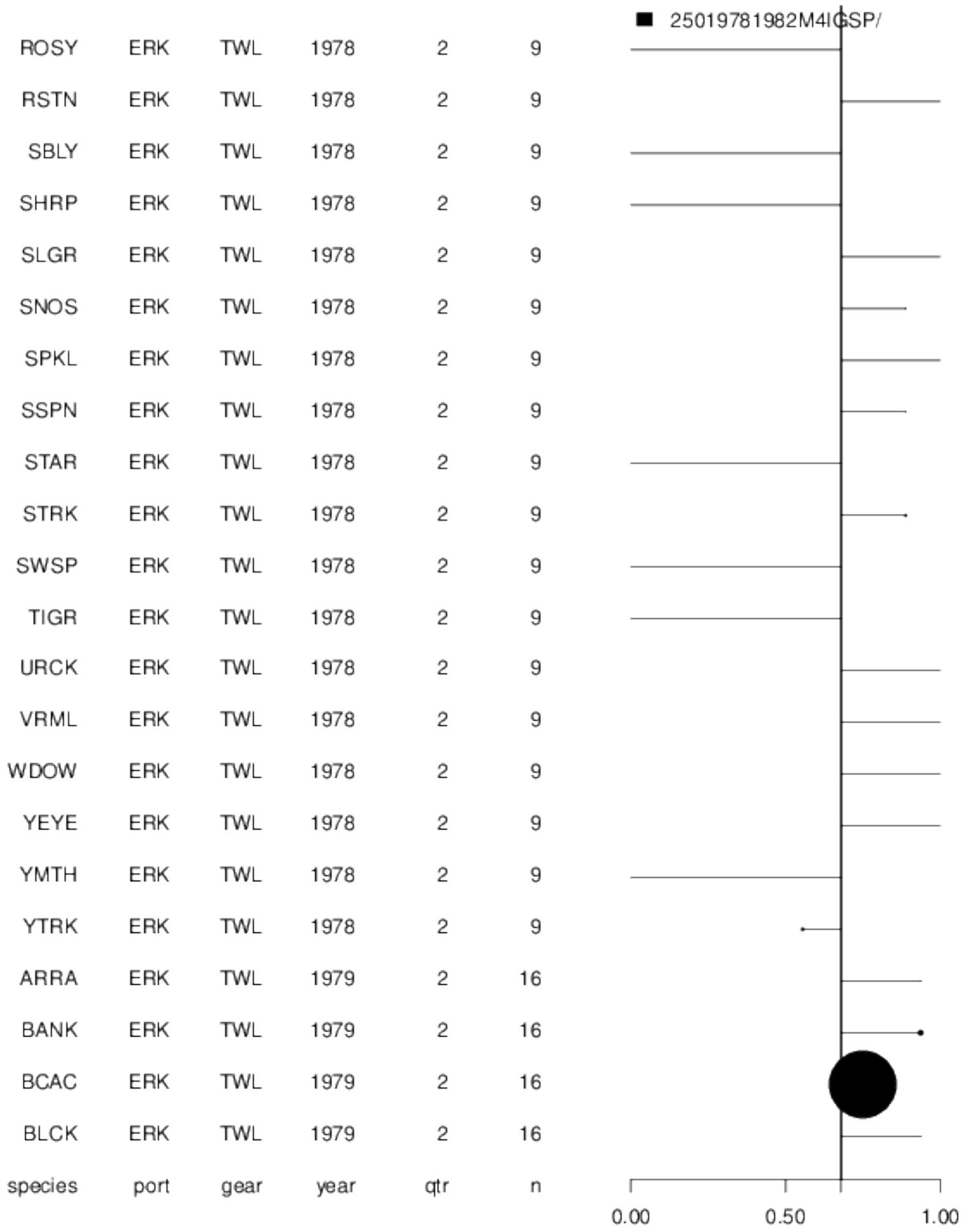


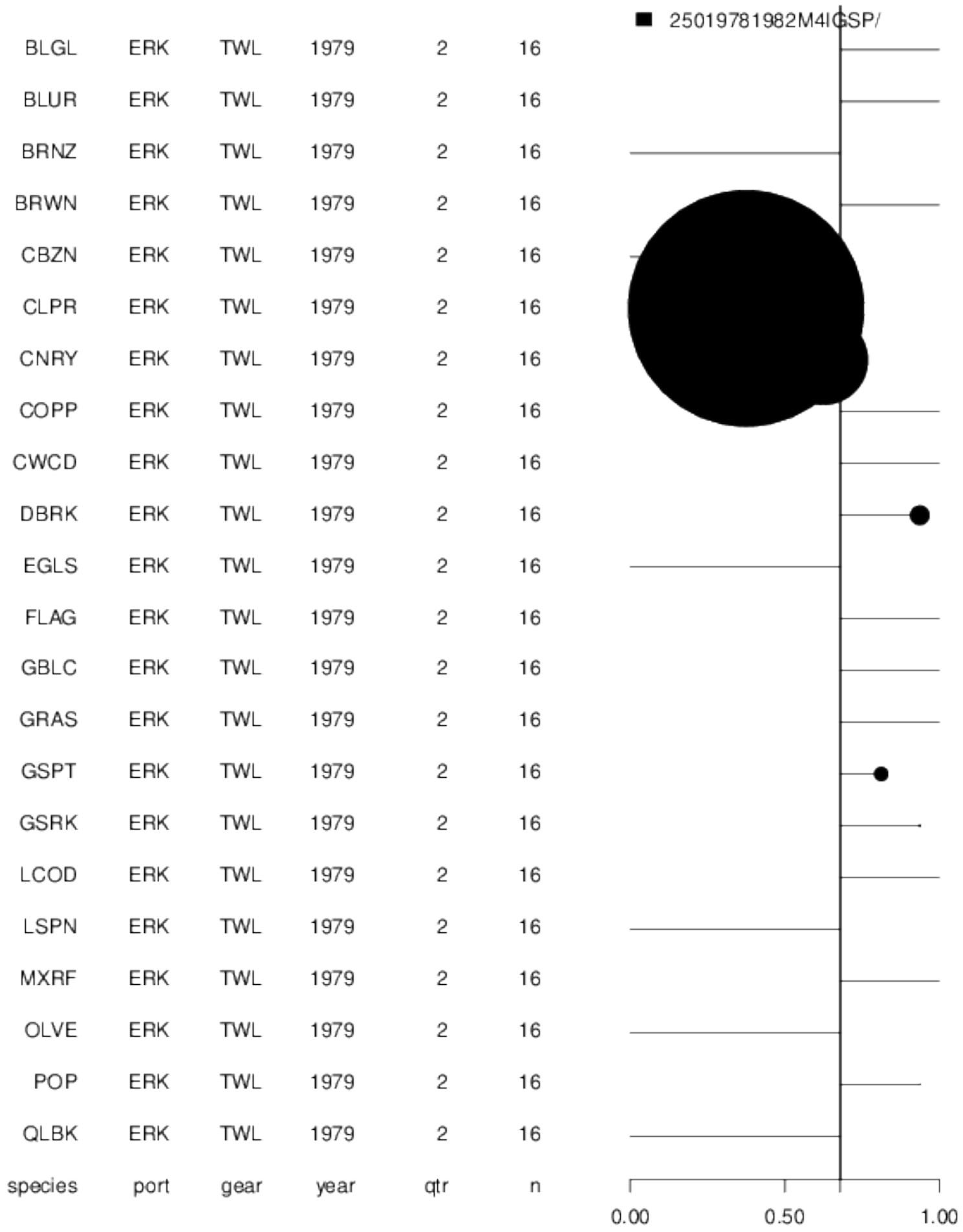


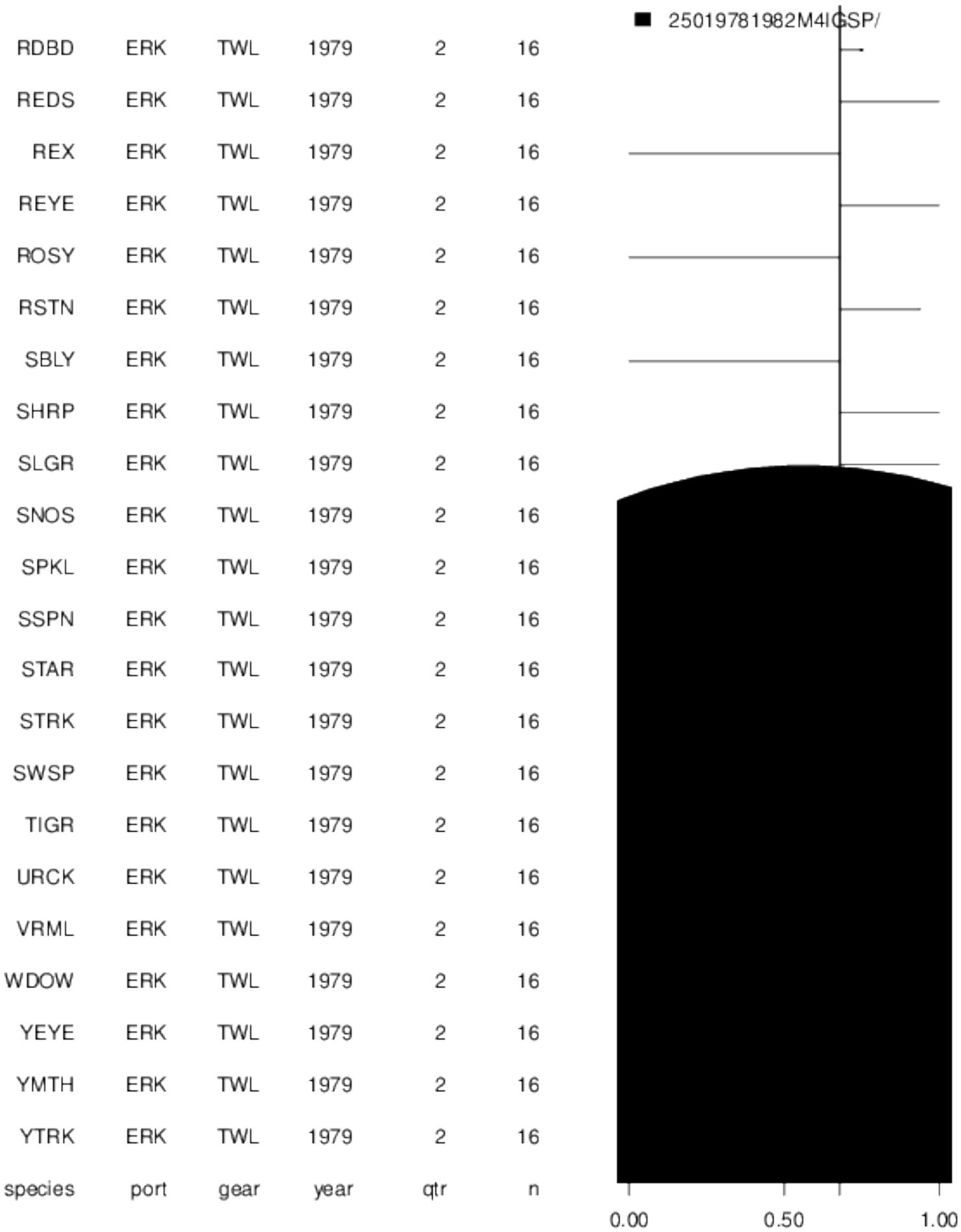


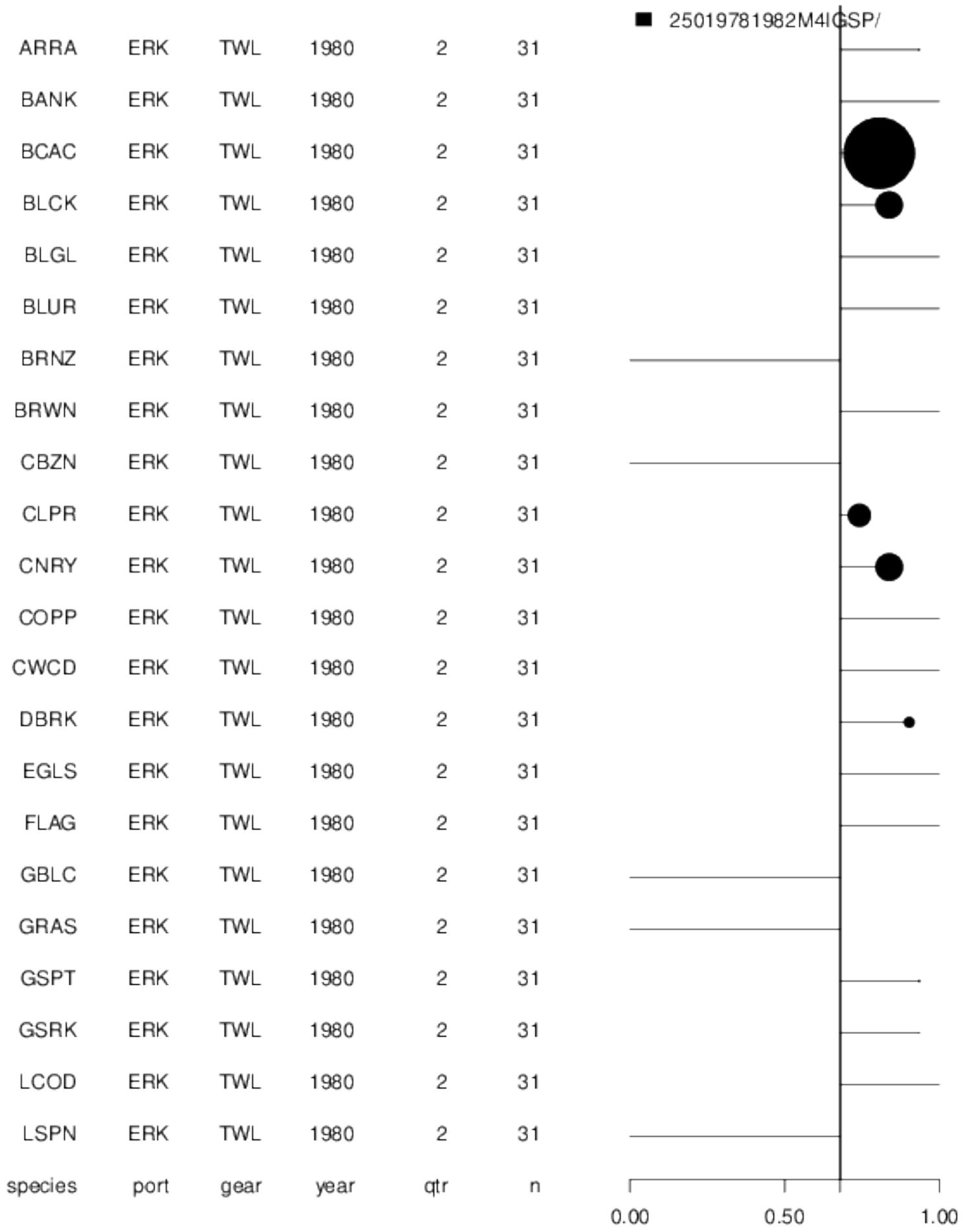


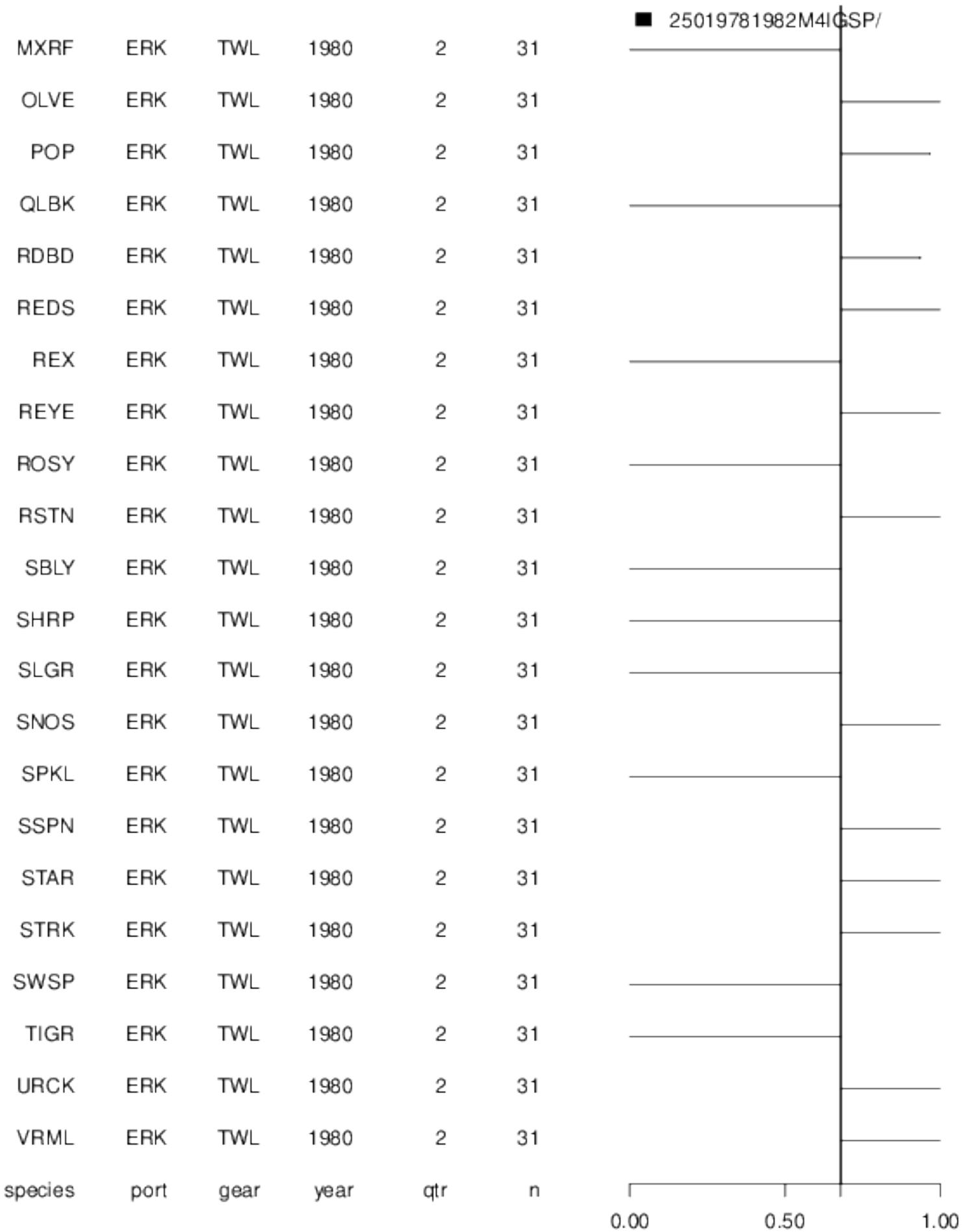




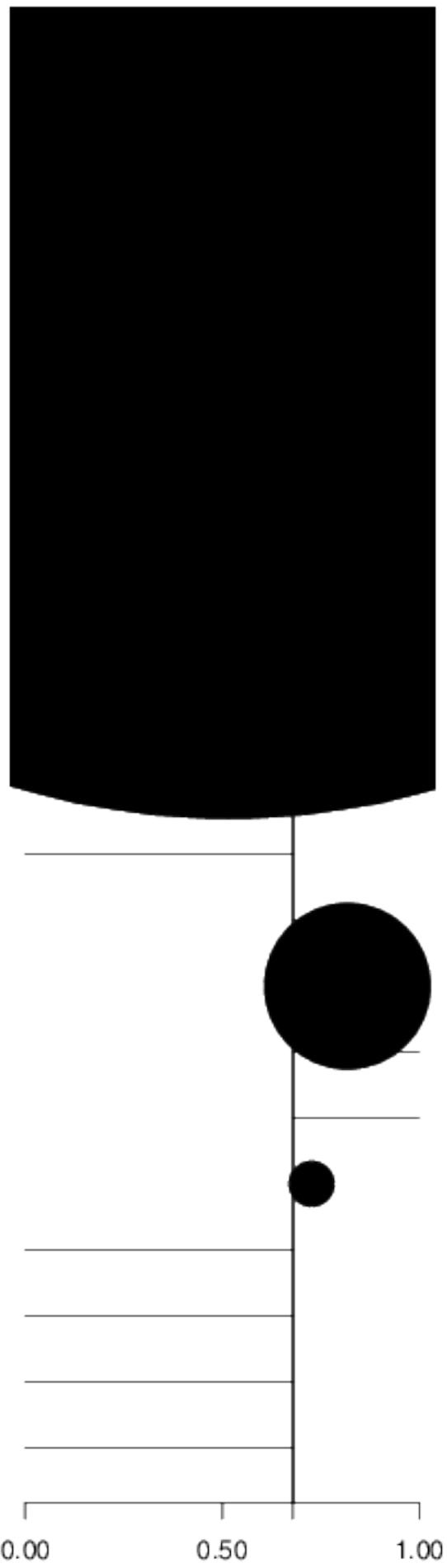


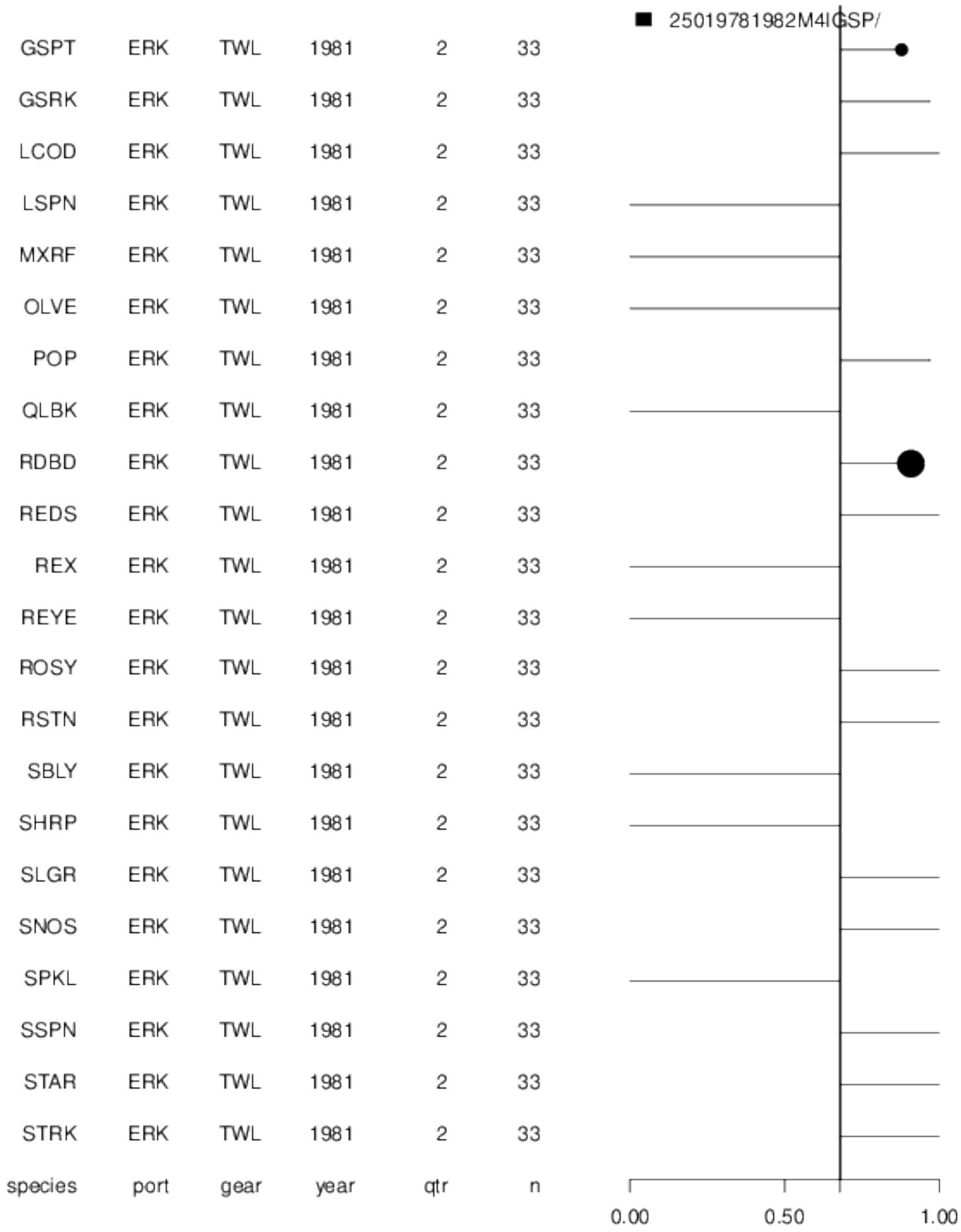




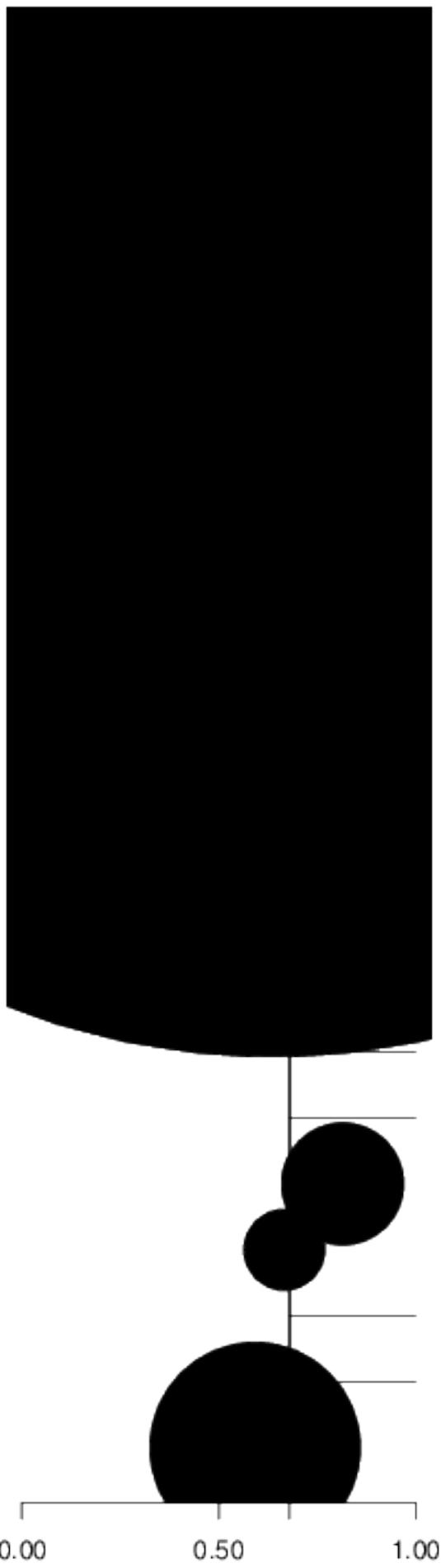


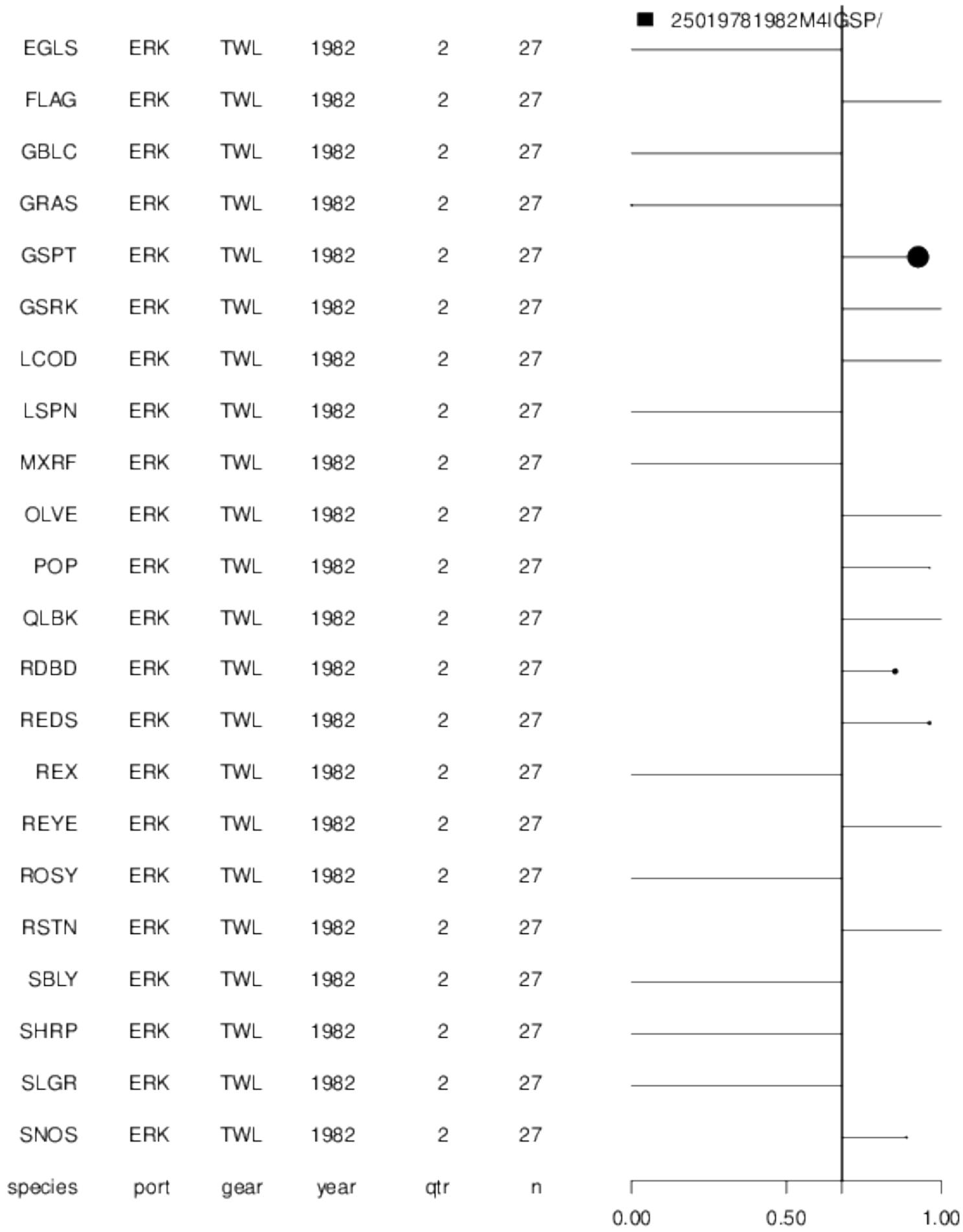
WDOW	ERK	TWL	1980	2	31
YEYE	ERK	TWL	1980	2	31
YMTH	ERK	TWL	1980	2	31
YTRK	ERK	TWL	1980	2	31
ARRA	ERK	TWL	1981	2	33
BANK	ERK	TWL	1981	2	33
BCAC	ERK	TWL	1981	2	33
BLCK	ERK	TWL	1981	2	33
BLGL	ERK	TWL	1981	2	33
BLUR	ERK	TWL	1981	2	33
BRNZ	ERK	TWL	1981	2	33
BRWN	ERK	TWL	1981	2	33
CBZN	ERK	TWL	1981	2	33
CLPR	ERK	TWL	1981	2	33
CNRY	ERK	TWL	1981	2	33
COPP	ERK	TWL	1981	2	33
CWCD	ERK	TWL	1981	2	33
DBRK	ERK	TWL	1981	2	33
EGLS	ERK	TWL	1981	2	33
FLAG	ERK	TWL	1981	2	33
GBLC	ERK	TWL	1981	2	33
GRAS	ERK	TWL	1981	2	33
species	port	gear	year	qtr	n

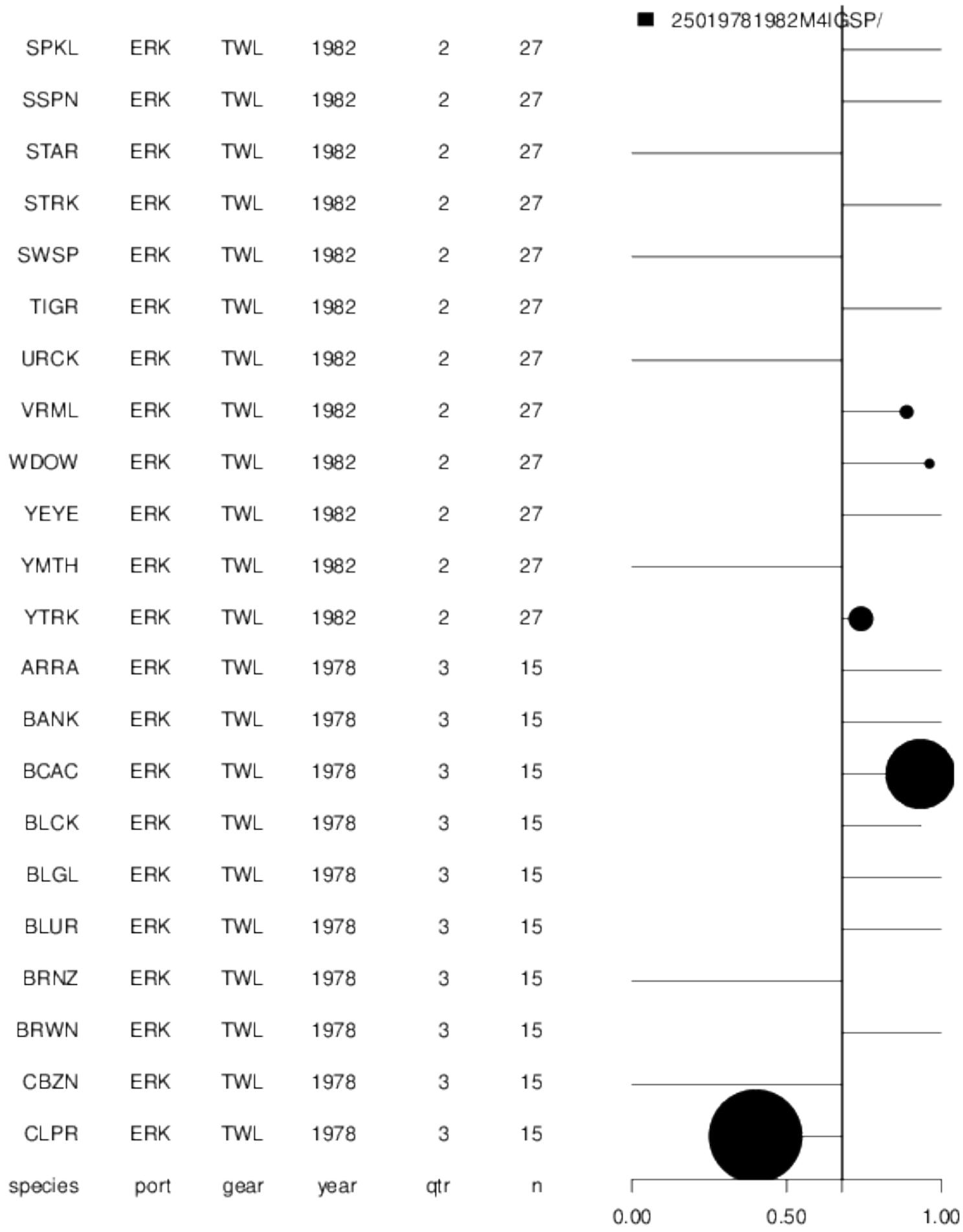




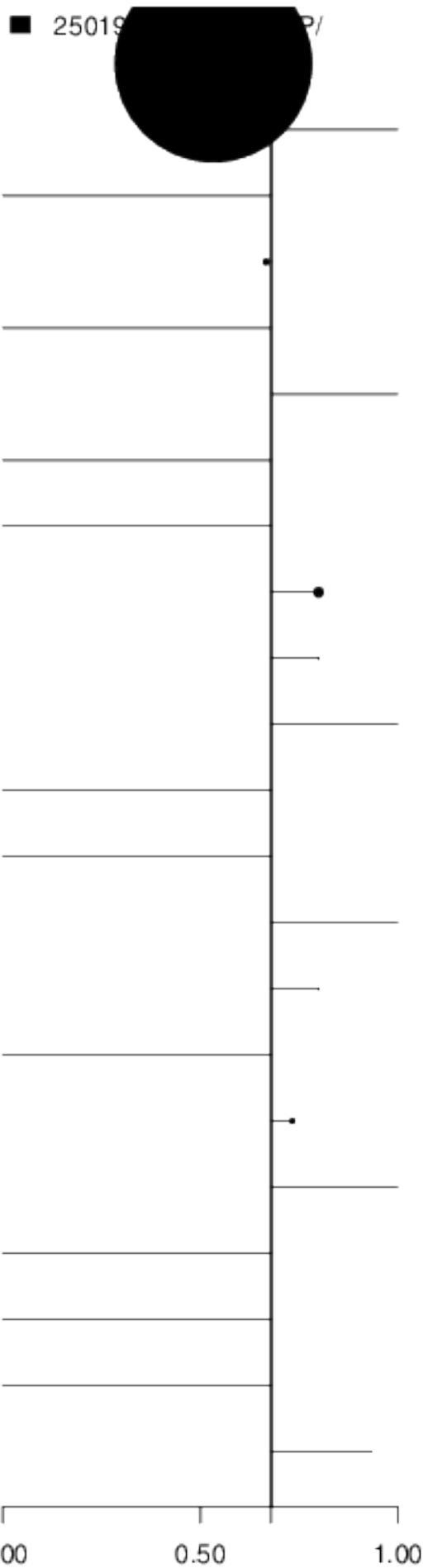
species	port	gear	year	qtr	n
SWSP	ERK	TWL	1981	2	33
TIGR	ERK	TWL	1981	2	33
URCK	ERK	TWL	1981	2	33
VRML	ERK	TWL	1981	2	33
WDOW	ERK	TWL	1981	2	33
YEYE	ERK	TWL	1981	2	33
YMTH	ERK	TWL	1981	2	33
YTRK	ERK	TWL	1981	2	33
ARRA	ERK	TWL	1982	2	27
BANK	ERK	TWL	1982	2	27
BCAC	ERK	TWL	1982	2	27
BLCK	ERK	TWL	1982	2	27
BLGL	ERK	TWL	1982	2	27
BLUR	ERK	TWL	1982	2	27
BRNZ	ERK	TWL	1982	2	27
BRWN	ERK	TWL	1982	2	27
CBZN	ERK	TWL	1982	2	27
CLPR	ERK	TWL	1982	2	27
CNRY	ERK	TWL	1982	2	27
COPP	ERK	TWL	1982	2	27
CWCD	ERK	TWL	1982	2	27
DBRK	ERK	TWL	1982	2	27

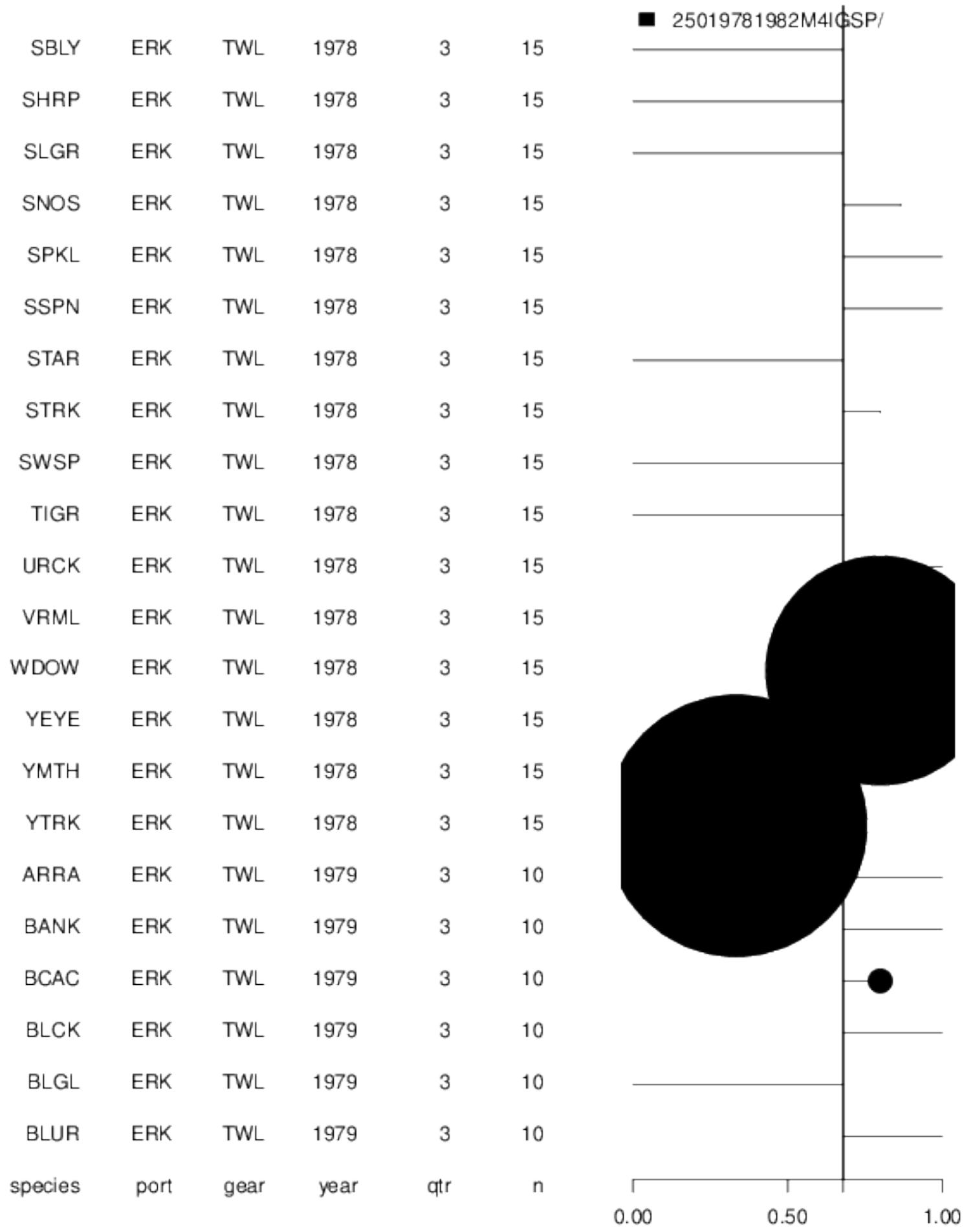


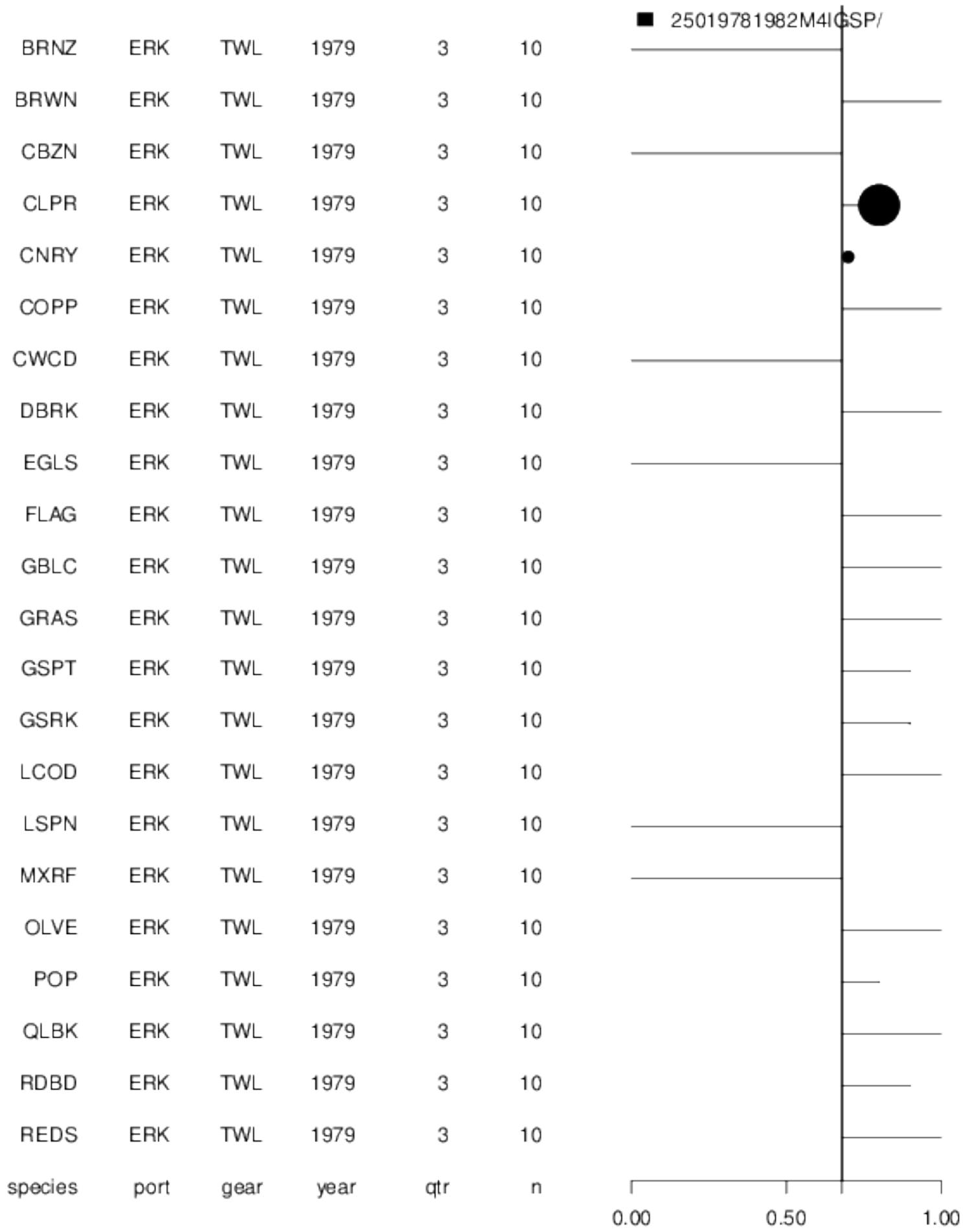


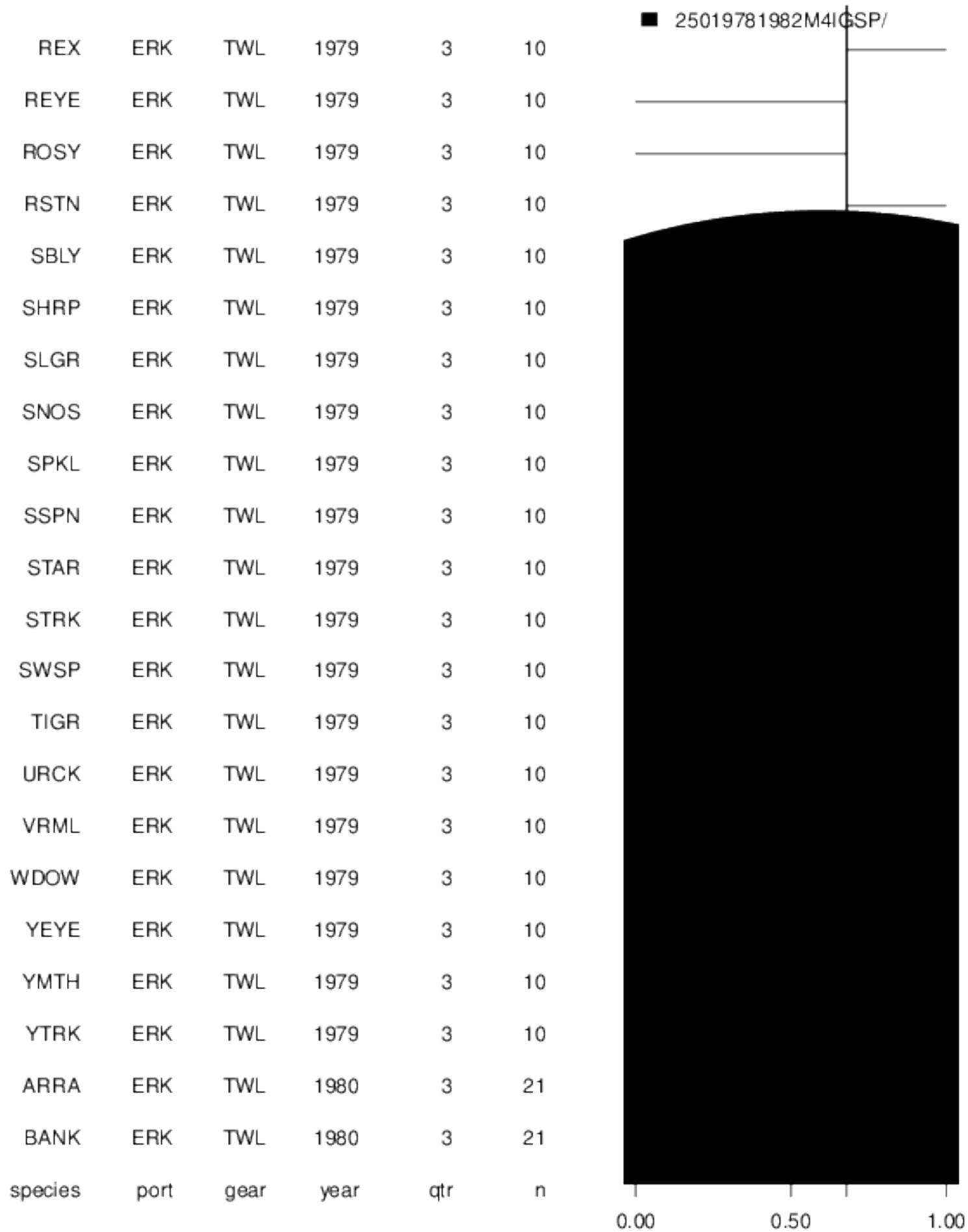


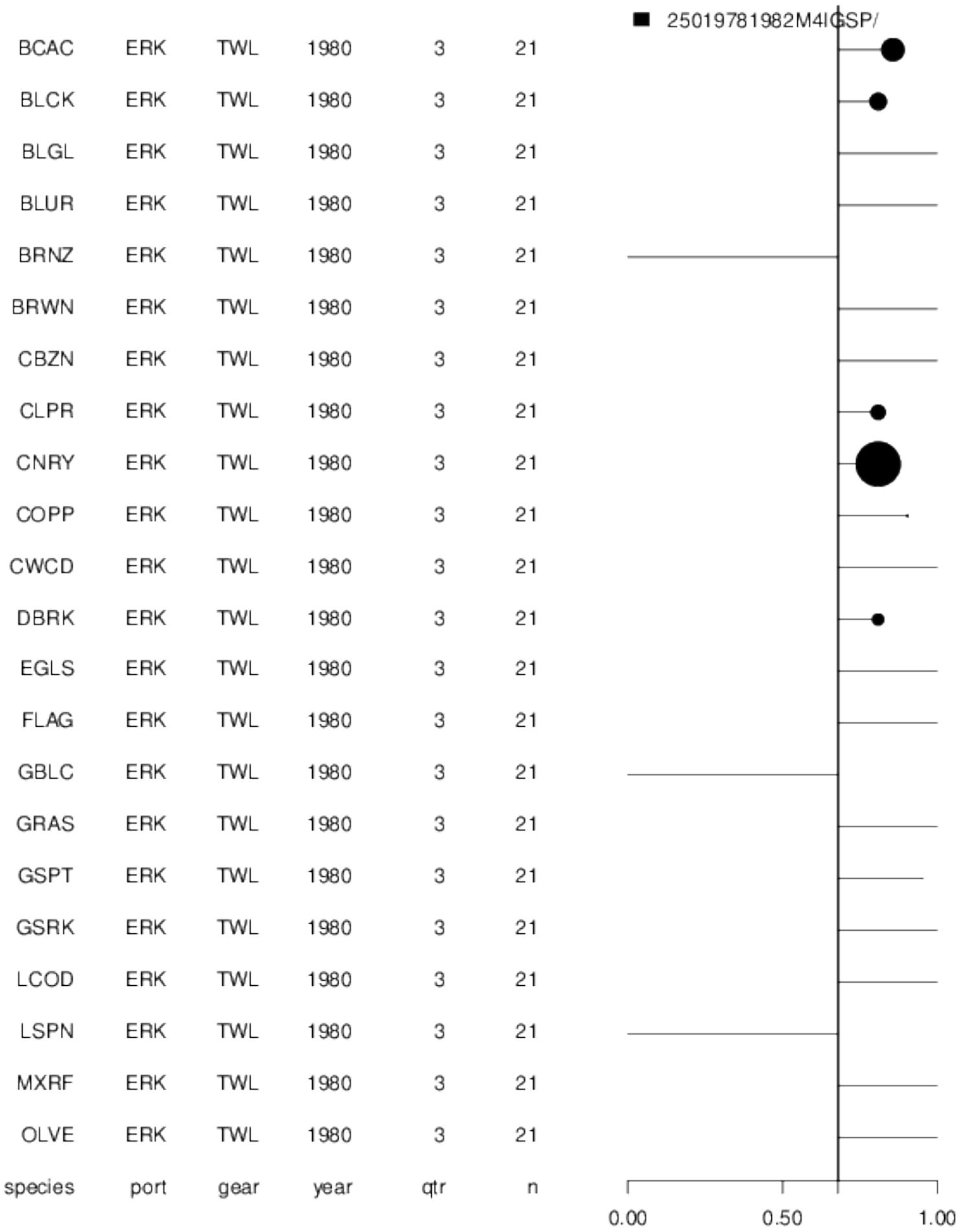
species	port	gear	year	qtr	n
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COPP	ERK	TWL	1978	3	15
CWCD	ERK	TWL	1978	3	15
DBRK	ERK	TWL	1978	3	15
EGLS	ERK	TWL	1978	3	15
FLAG	ERK	TWL	1978	3	15
GBLC	ERK	TWL	1978	3	15
GRAS	ERK	TWL	1978	3	15
GSPT	ERK	TWL	1978	3	15
GSRK	ERK	TWL	1978	3	15
LCOD	ERK	TWL	1978	3	15
LSPN	ERK	TWL	1978	3	15
MXRF	ERK	TWL	1978	3	15
OLVE	ERK	TWL	1978	3	15
POP	ERK	TWL	1978	3	15
QLBK	ERK	TWL	1978	3	15
RDBD	ERK	TWL	1978	3	15
REDS	ERK	TWL	1978	3	15
REX	ERK	TWL	1978	3	15
REYE	ERK	TWL	1978	3	15
ROSY	ERK	TWL	1978	3	15
RSTN	ERK	TWL	1978	3	15



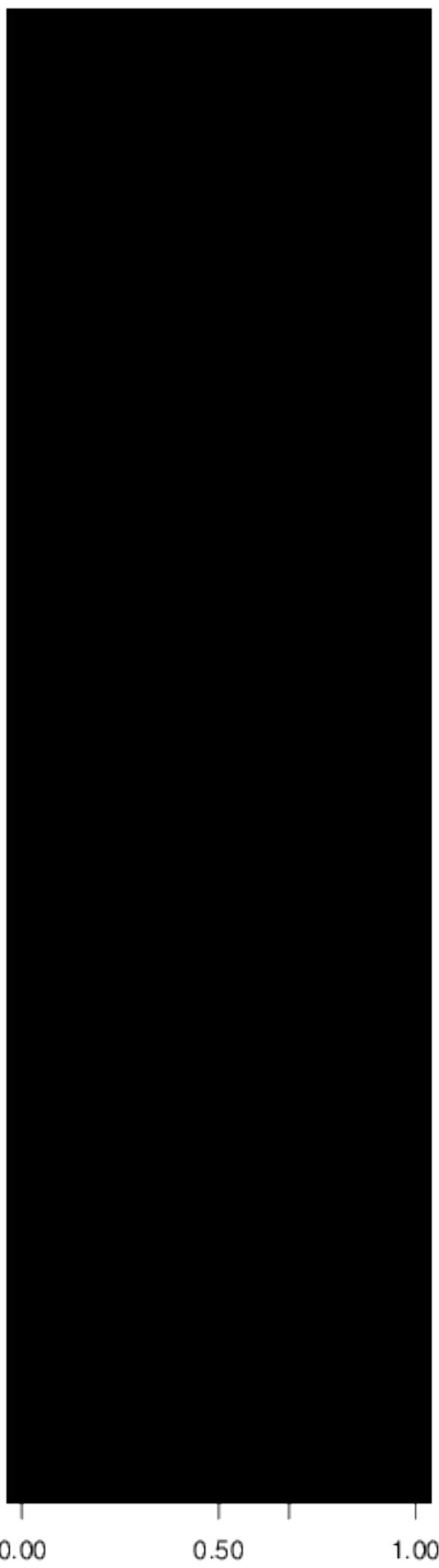




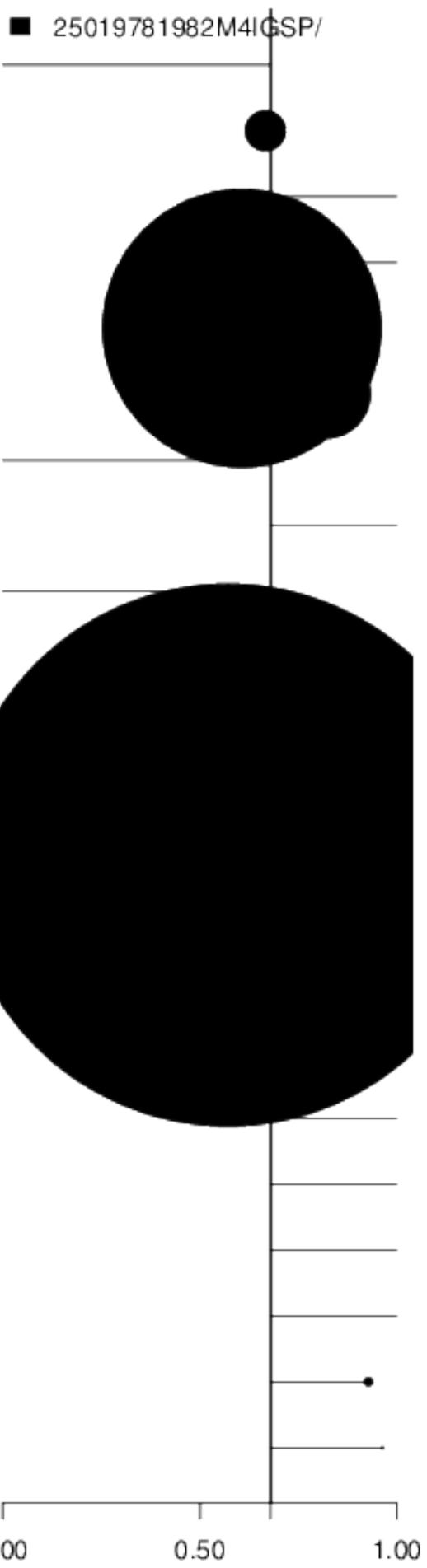


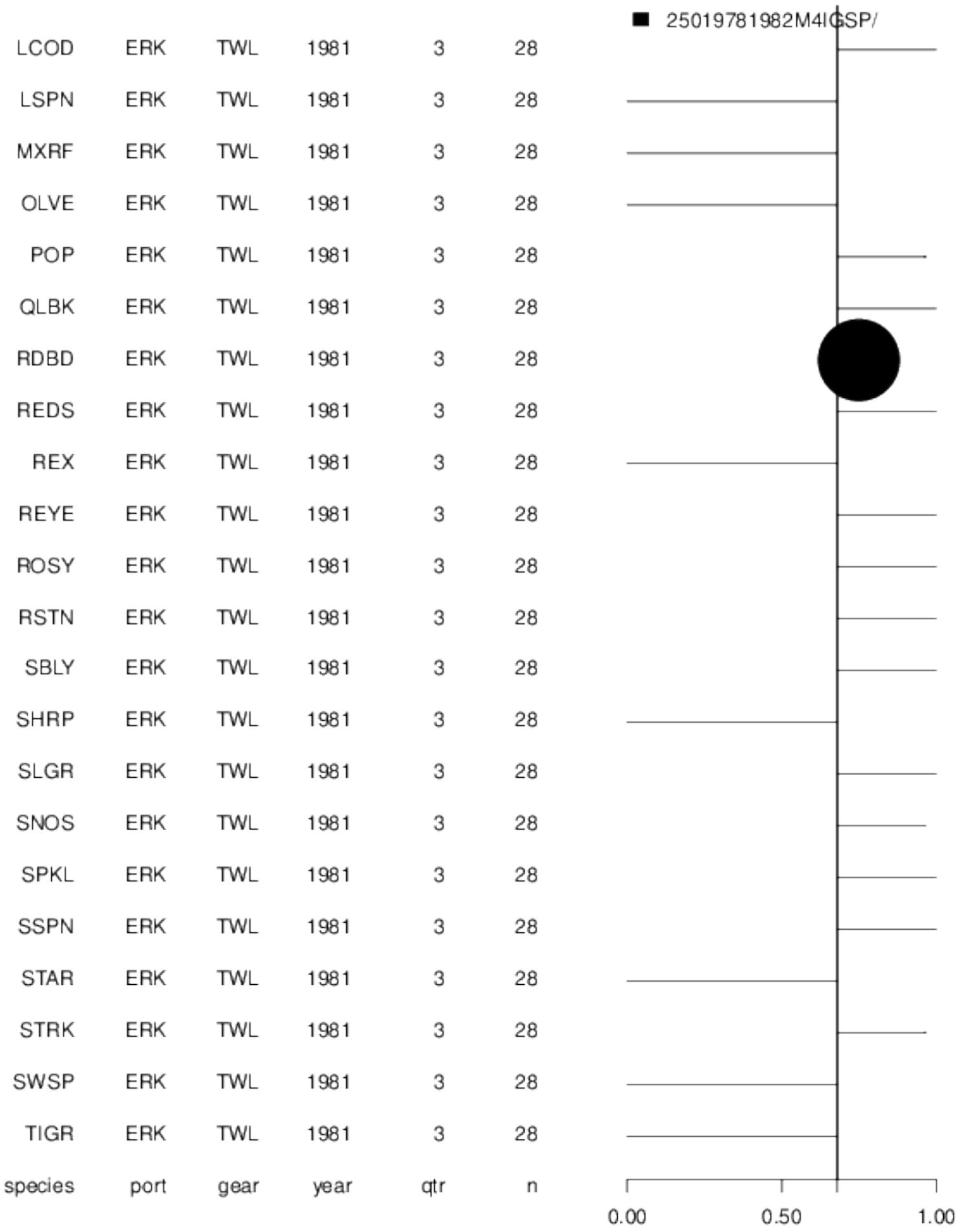


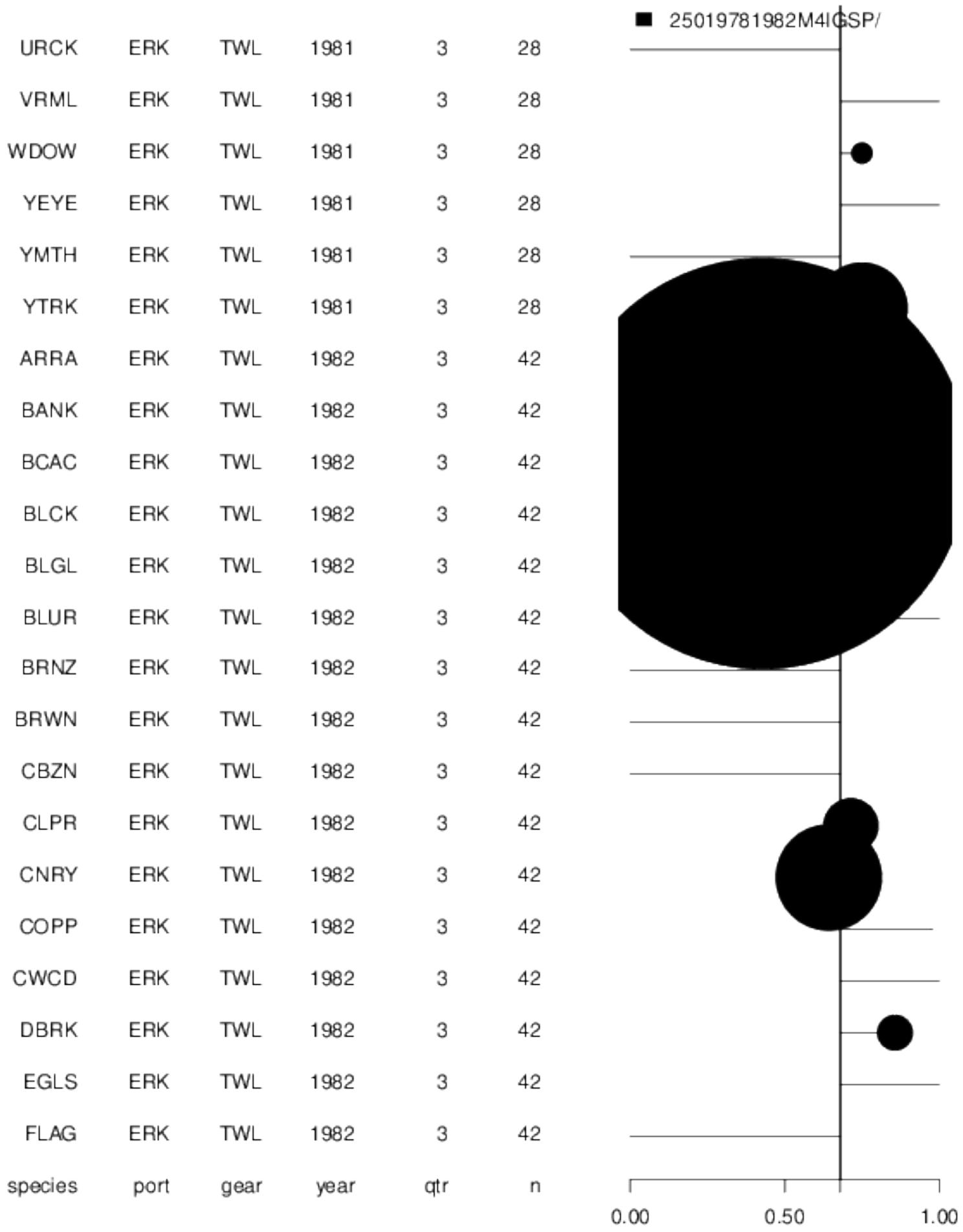
POP	ERK	TWL	1980	3	21
QLBK	ERK	TWL	1980	3	21
RDBD	ERK	TWL	1980	3	21
REDS	ERK	TWL	1980	3	21
REX	ERK	TWL	1980	3	21
REYE	ERK	TWL	1980	3	21
ROSY	ERK	TWL	1980	3	21
RSTN	ERK	TWL	1980	3	21
SBLY	ERK	TWL	1980	3	21
SHRP	ERK	TWL	1980	3	21
SLGR	ERK	TWL	1980	3	21
SNOS	ERK	TWL	1980	3	21
SPKL	ERK	TWL	1980	3	21
SSPN	ERK	TWL	1980	3	21
STAR	ERK	TWL	1980	3	21
STRK	ERK	TWL	1980	3	21
SWSP	ERK	TWL	1980	3	21
TIGR	ERK	TWL	1980	3	21
URCK	ERK	TWL	1980	3	21
VRML	ERK	TWL	1980	3	21
WDOW	ERK	TWL	1980	3	21
YEYE	ERK	TWL	1980	3	21
species	port	gear	year	qtr	n

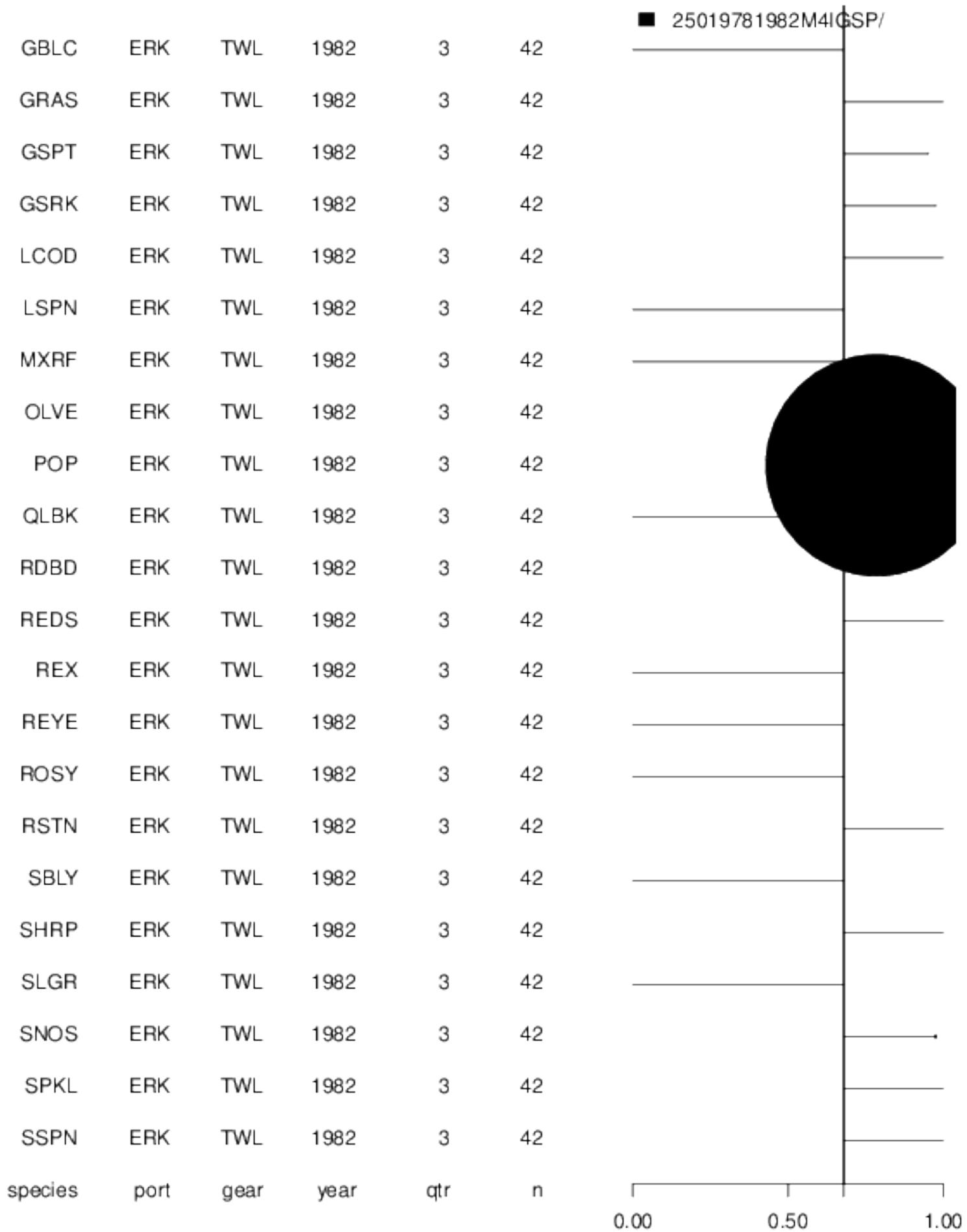


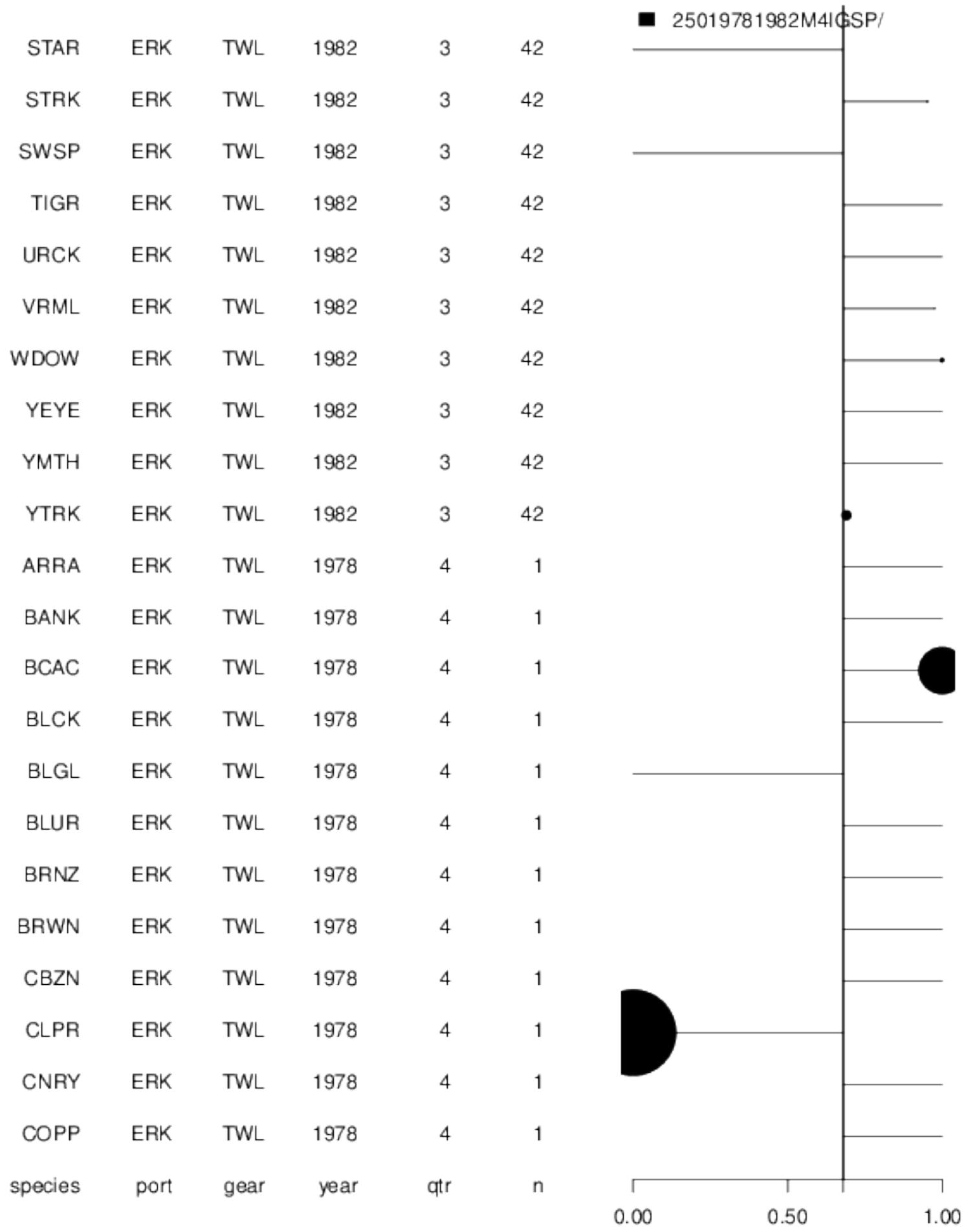
species	port	gear	year	qtr	n
YMTH	ERK	TWL	1980	3	21
YTRK	ERK	TWL	1980	3	21
ARRA	ERK	TWL	1981	3	28
BANK	ERK	TWL	1981	3	28
BCAC	ERK	TWL	1981	3	28
BLCK	ERK	TWL	1981	3	28
BLGL	ERK	TWL	1981	3	28
BLUR	ERK	TWL	1981	3	28
BRNZ	ERK	TWL	1981	3	28
BRWN	ERK	TWL	1981	3	28
CBZN	ERK	TWL	1981	3	28
CLPR	ERK	TWL	1981	3	28
CNRY	ERK	TWL	1981	3	28
COPP	ERK	TWL	1981	3	28
CWCD	ERK	TWL	1981	3	28
DBRK	ERK	TWL	1981	3	28
EGLS	ERK	TWL	1981	3	28
FLAG	ERK	TWL	1981	3	28
GBLC	ERK	TWL	1981	3	28
GRAS	ERK	TWL	1981	3	28
GSPT	ERK	TWL	1981	3	28
GSRK	ERK	TWL	1981	3	28

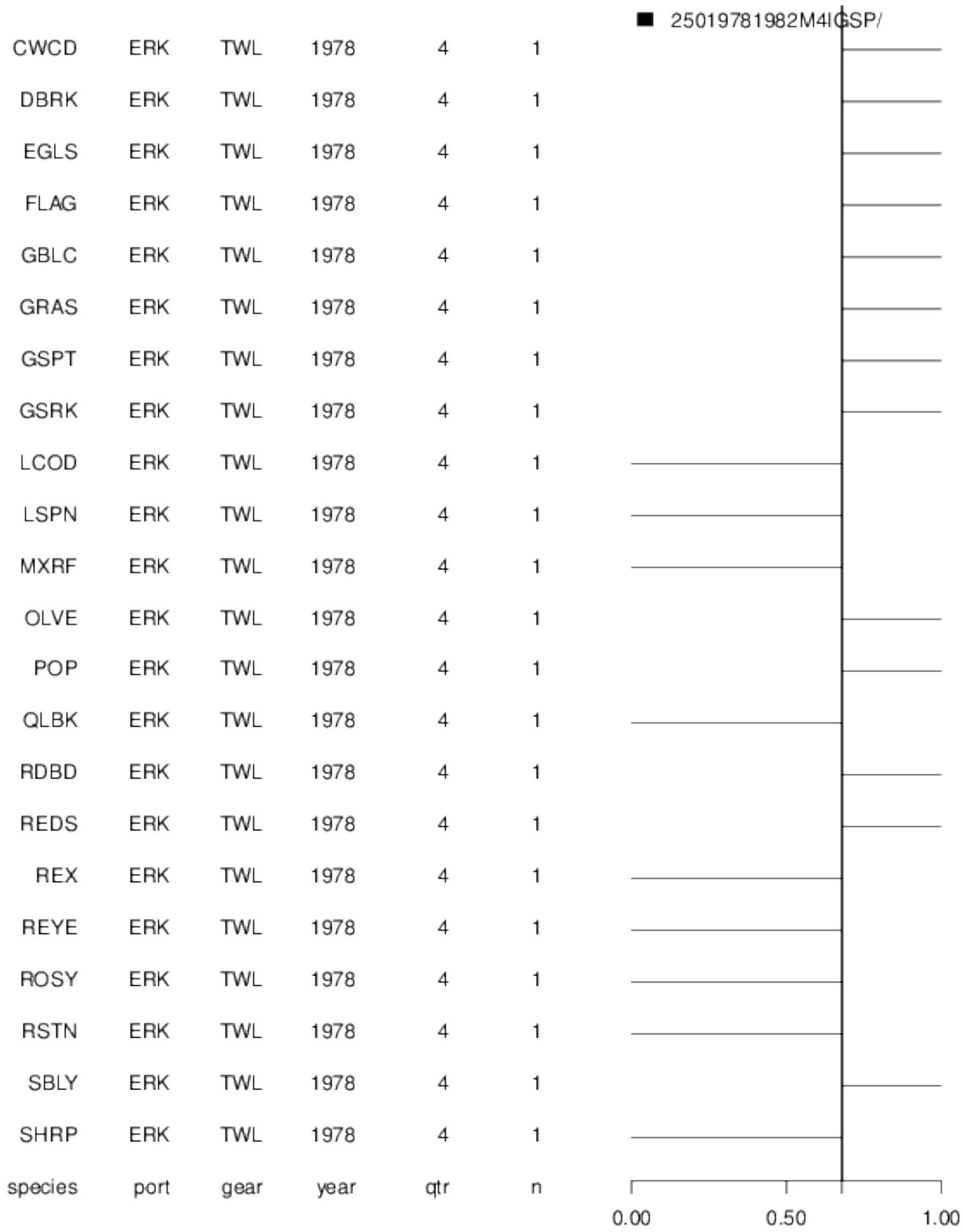


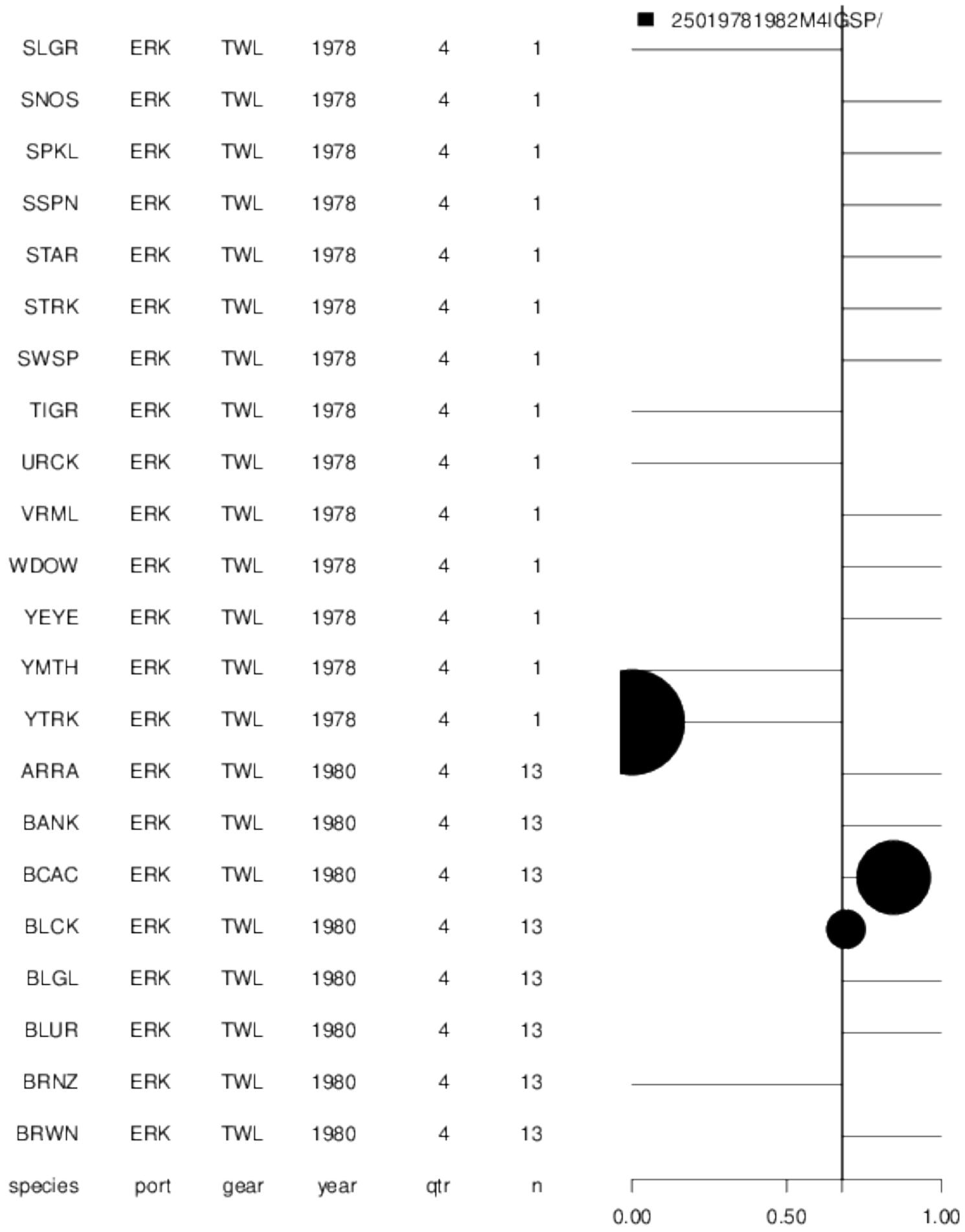


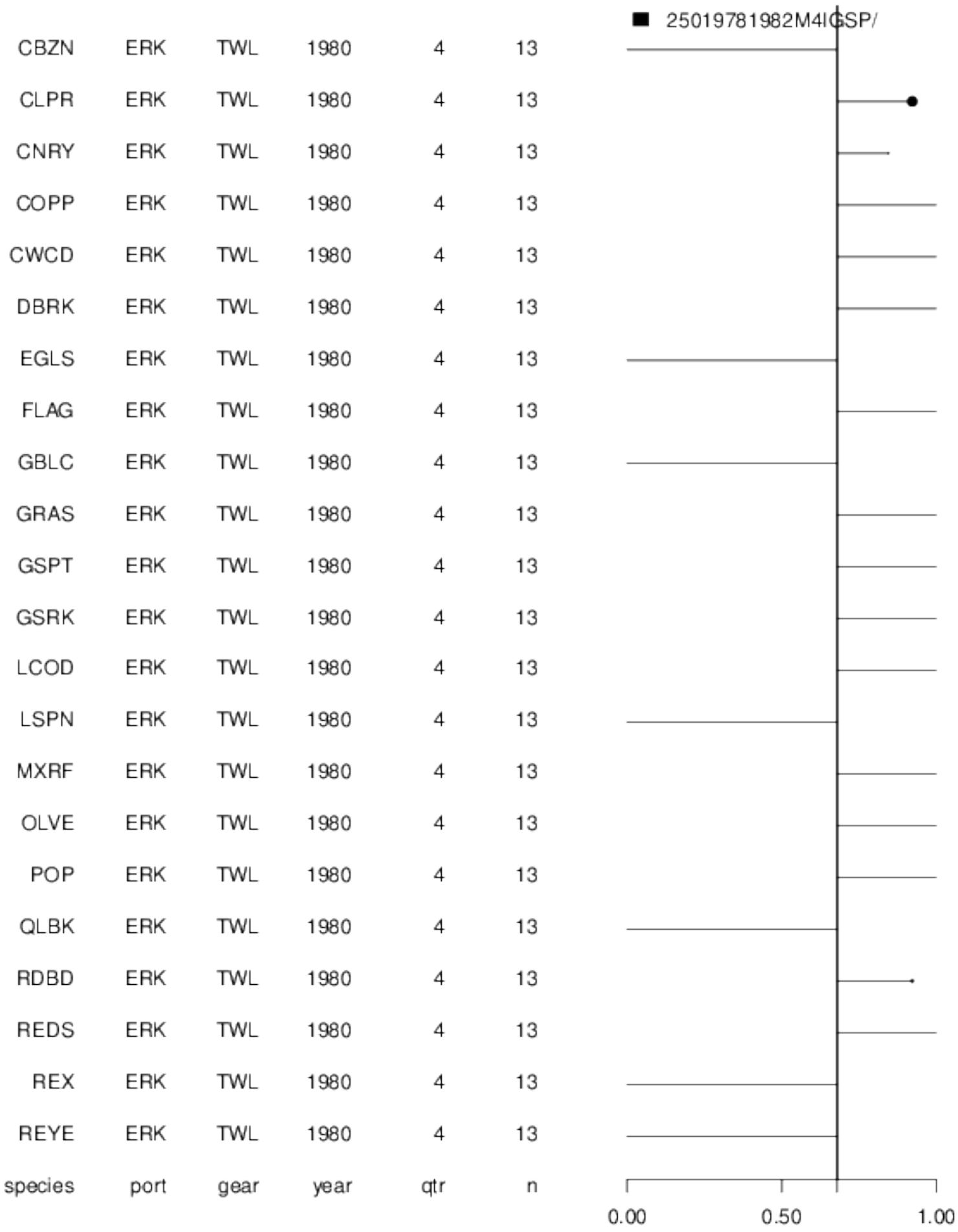




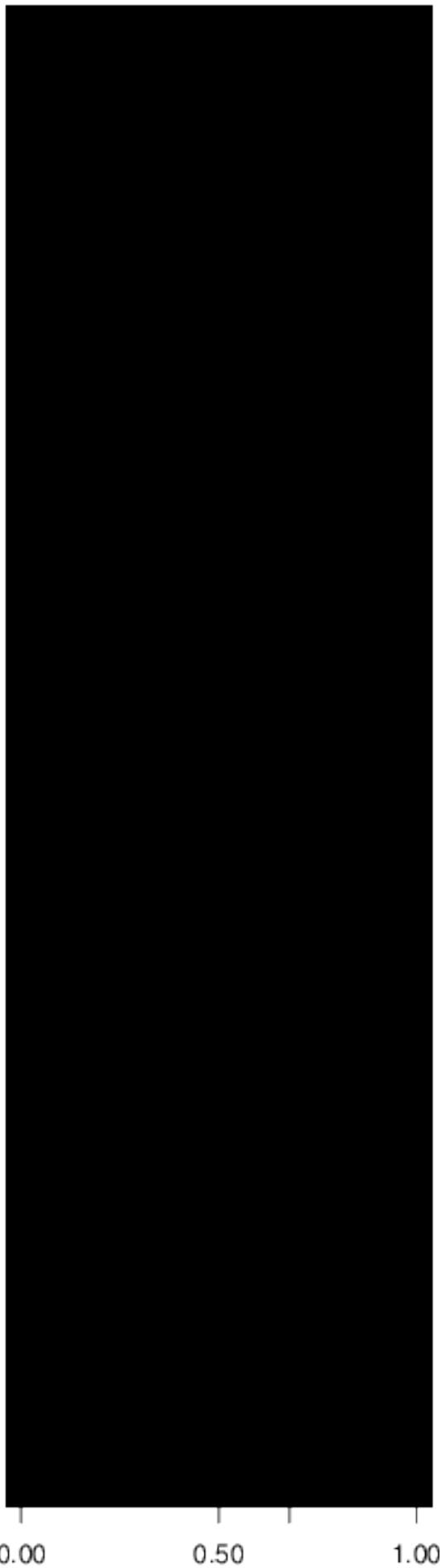


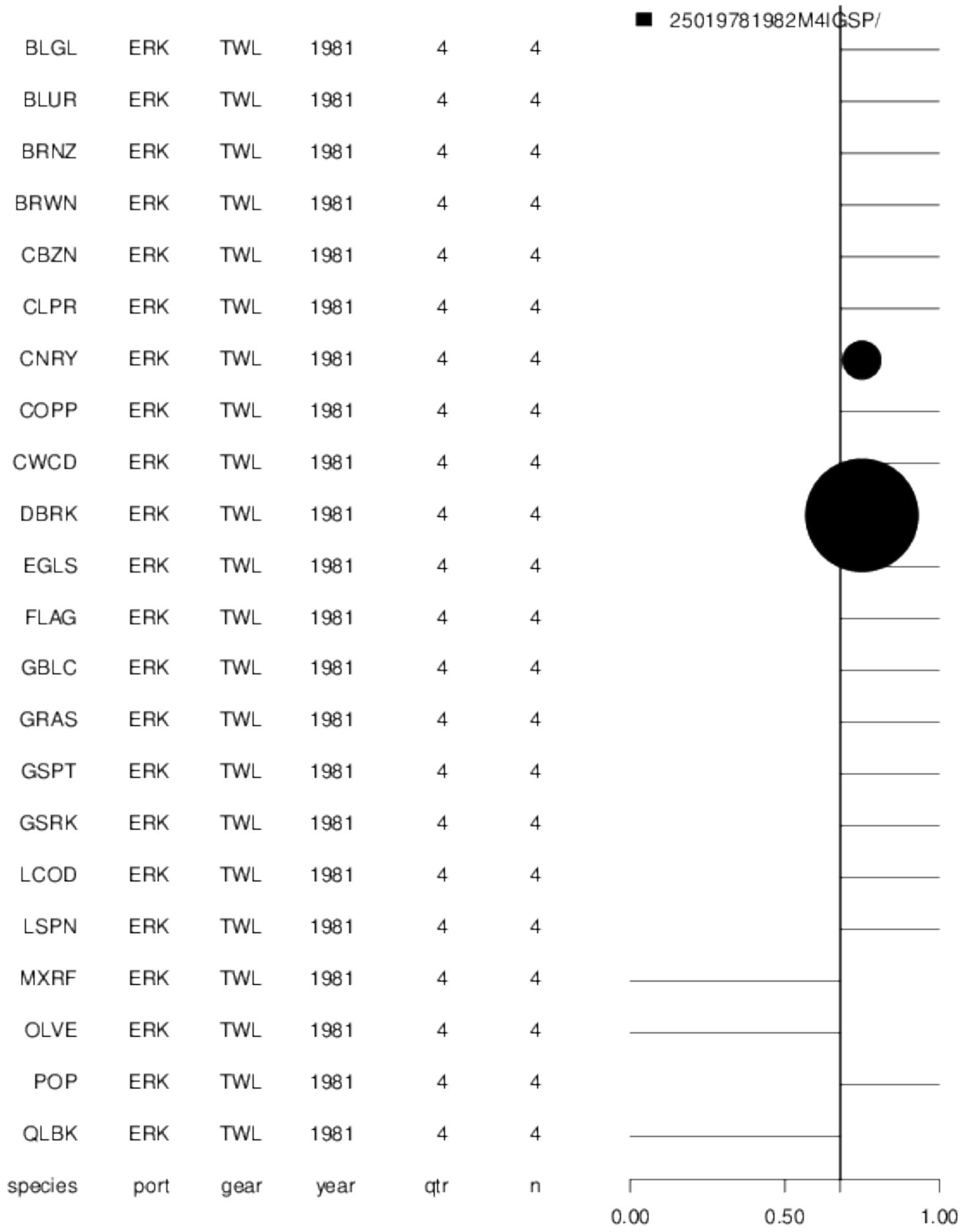


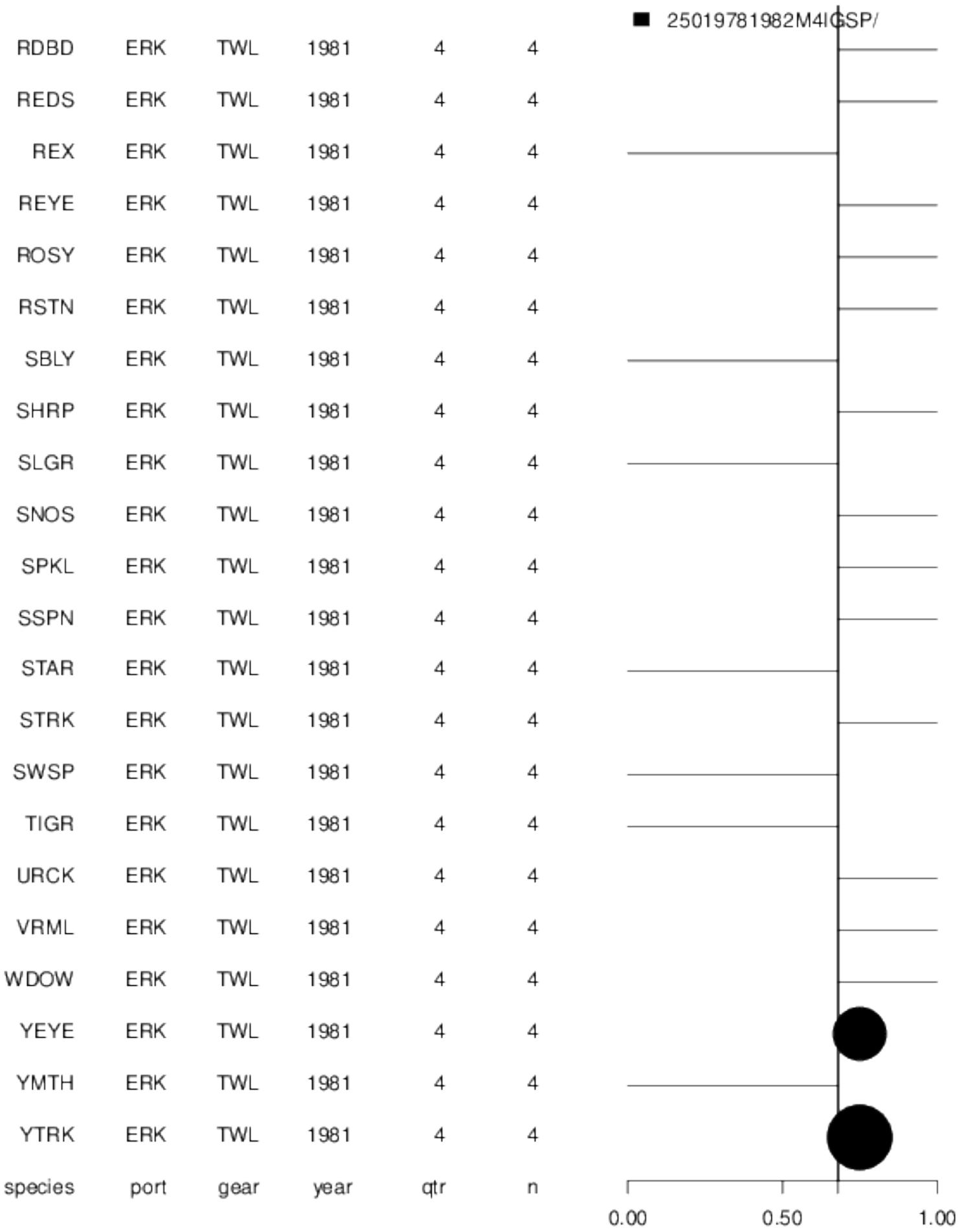


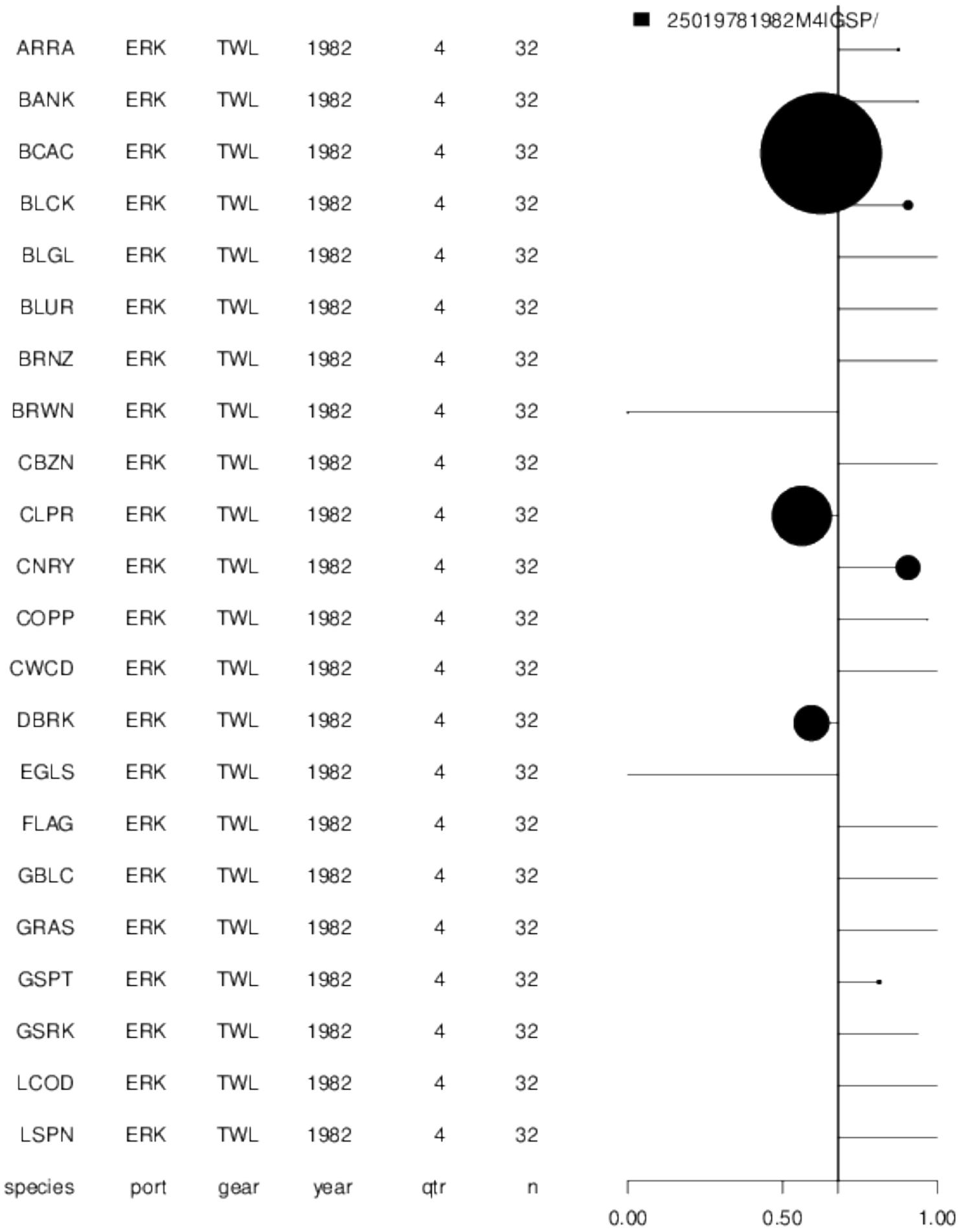


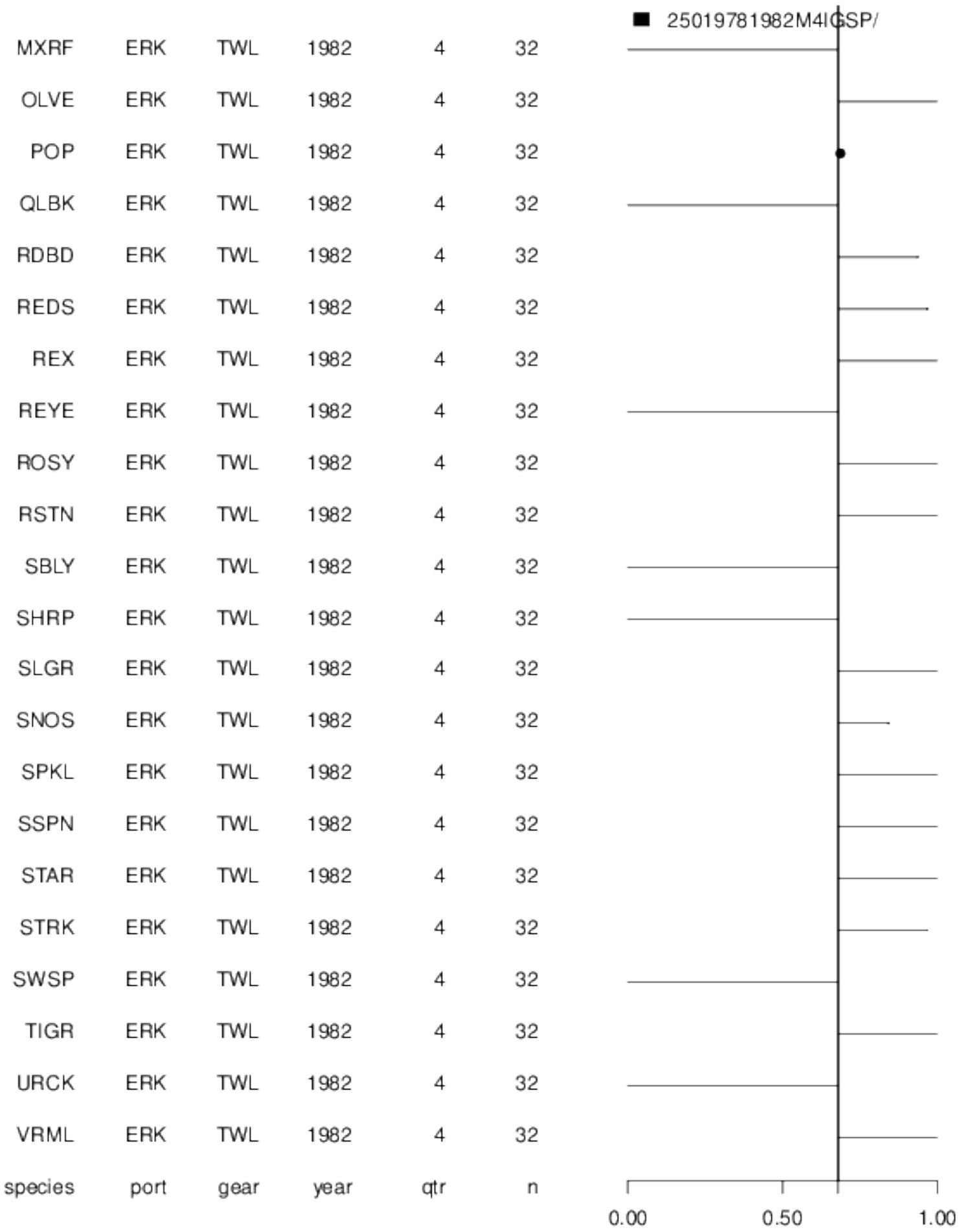
species	port	gear	year	qtr	n
ROSY	ERK	TWL	1980	4	13
RSTN	ERK	TWL	1980	4	13
SBLY	ERK	TWL	1980	4	13
SHRP	ERK	TWL	1980	4	13
SLGR	ERK	TWL	1980	4	13
SNOS	ERK	TWL	1980	4	13
SPKL	ERK	TWL	1980	4	13
SSPN	ERK	TWL	1980	4	13
STAR	ERK	TWL	1980	4	13
STRK	ERK	TWL	1980	4	13
SWSP	ERK	TWL	1980	4	13
TIGR	ERK	TWL	1980	4	13
URCK	ERK	TWL	1980	4	13
VRML	ERK	TWL	1980	4	13
WDOW	ERK	TWL	1980	4	13
YEYE	ERK	TWL	1980	4	13
YMTH	ERK	TWL	1980	4	13
YTRK	ERK	TWL	1980	4	13
ARRA	ERK	TWL	1981	4	4
BANK	ERK	TWL	1981	4	4
BCAC	ERK	TWL	1981	4	4
BLCK	ERK	TWL	1981	4	4

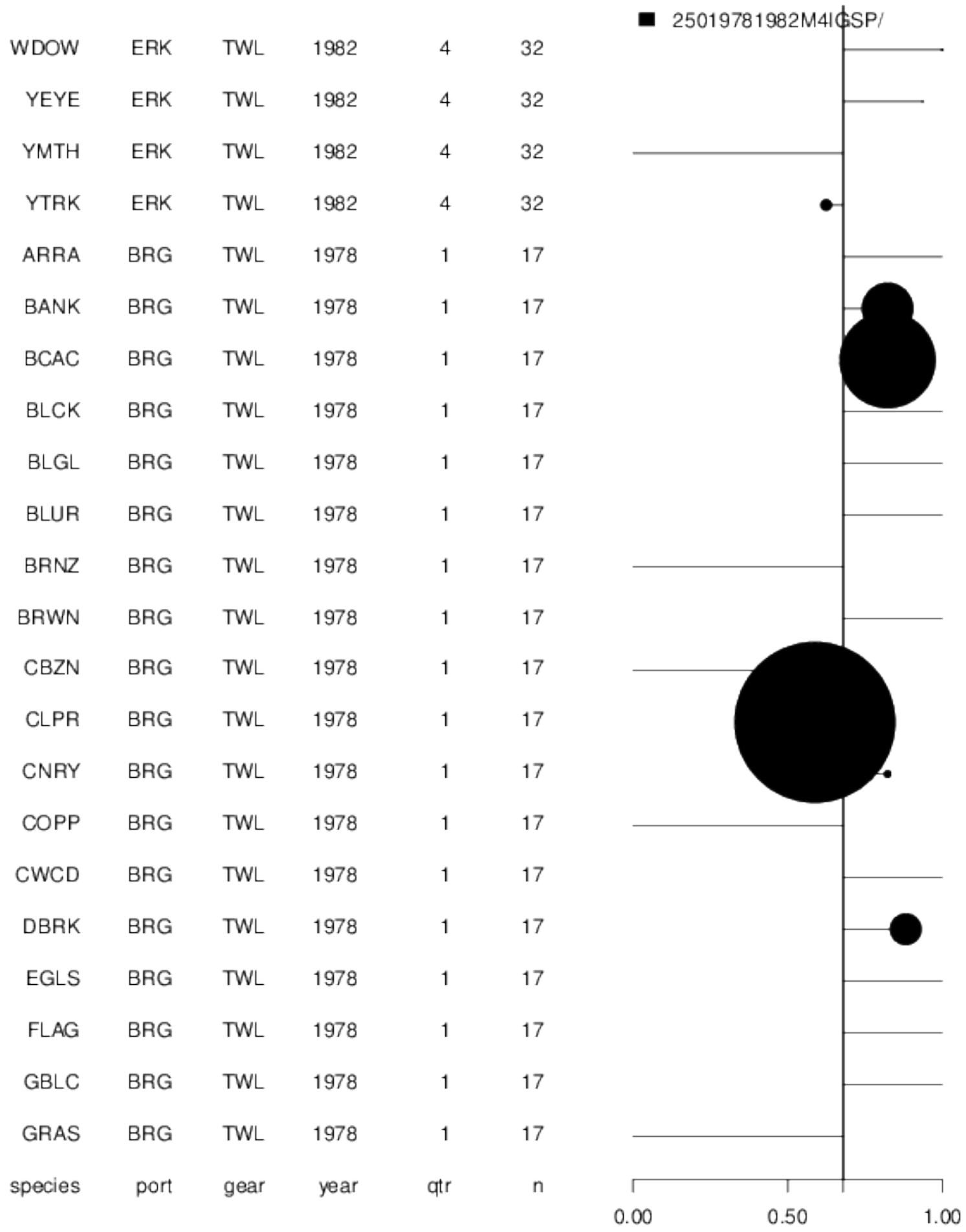


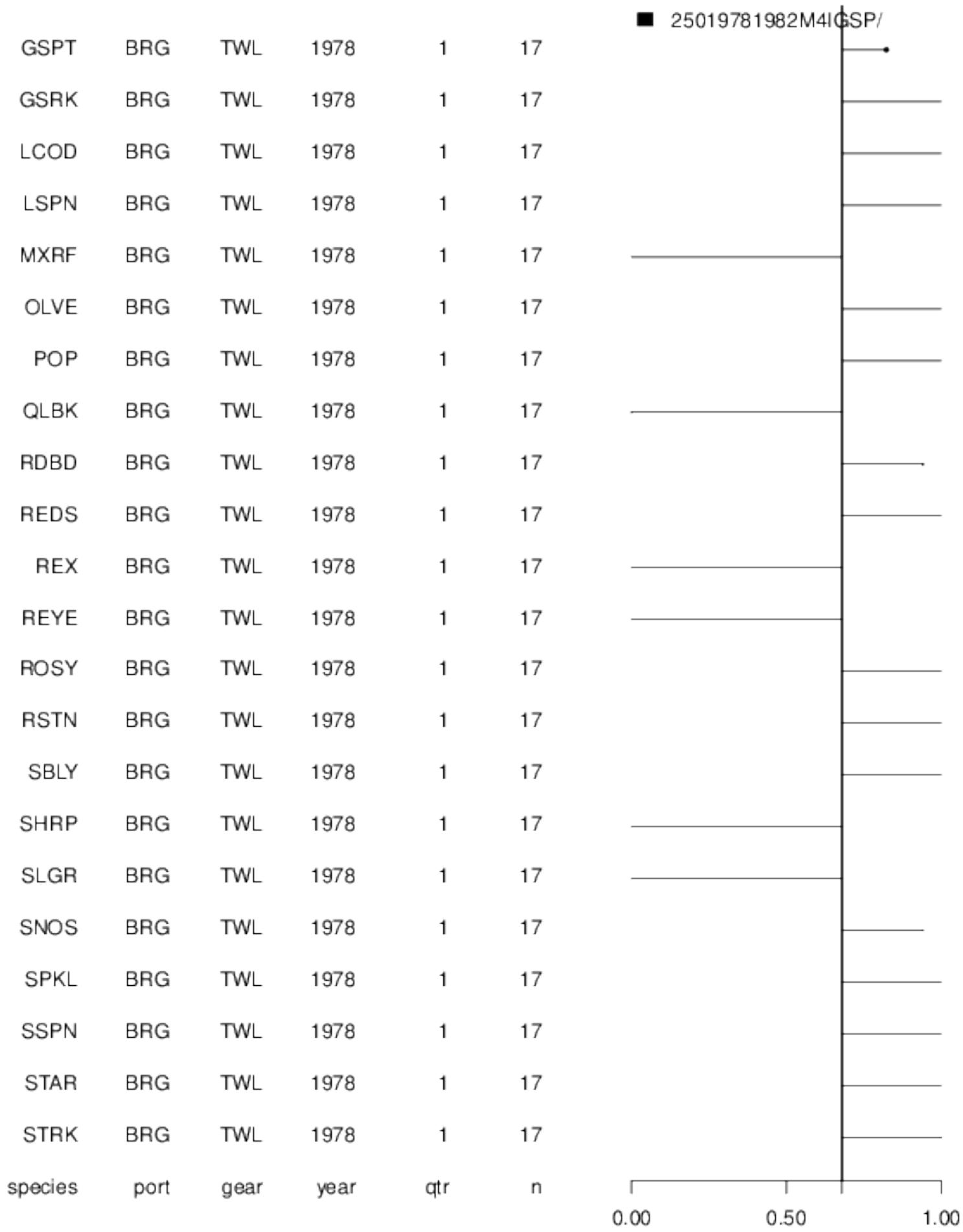


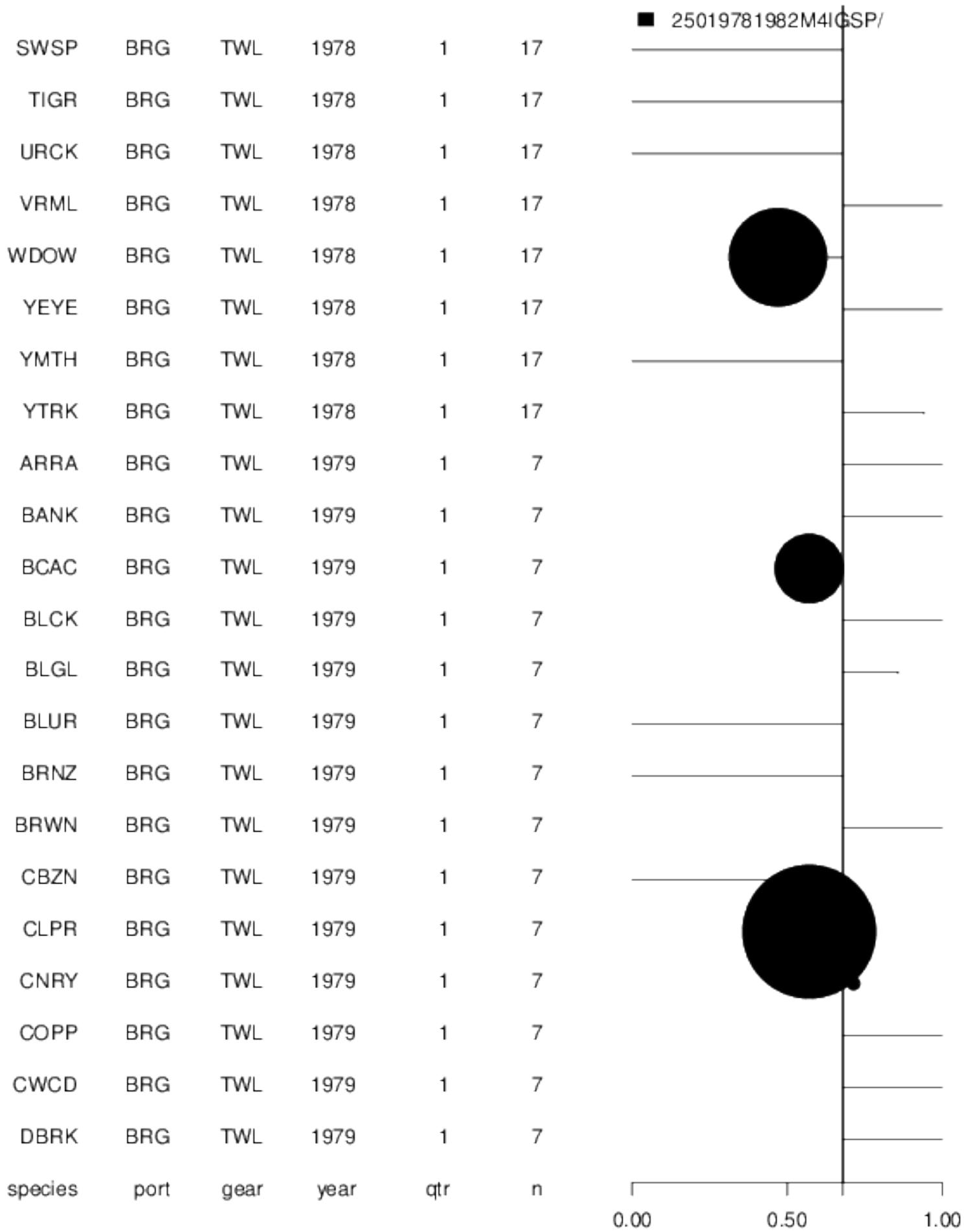


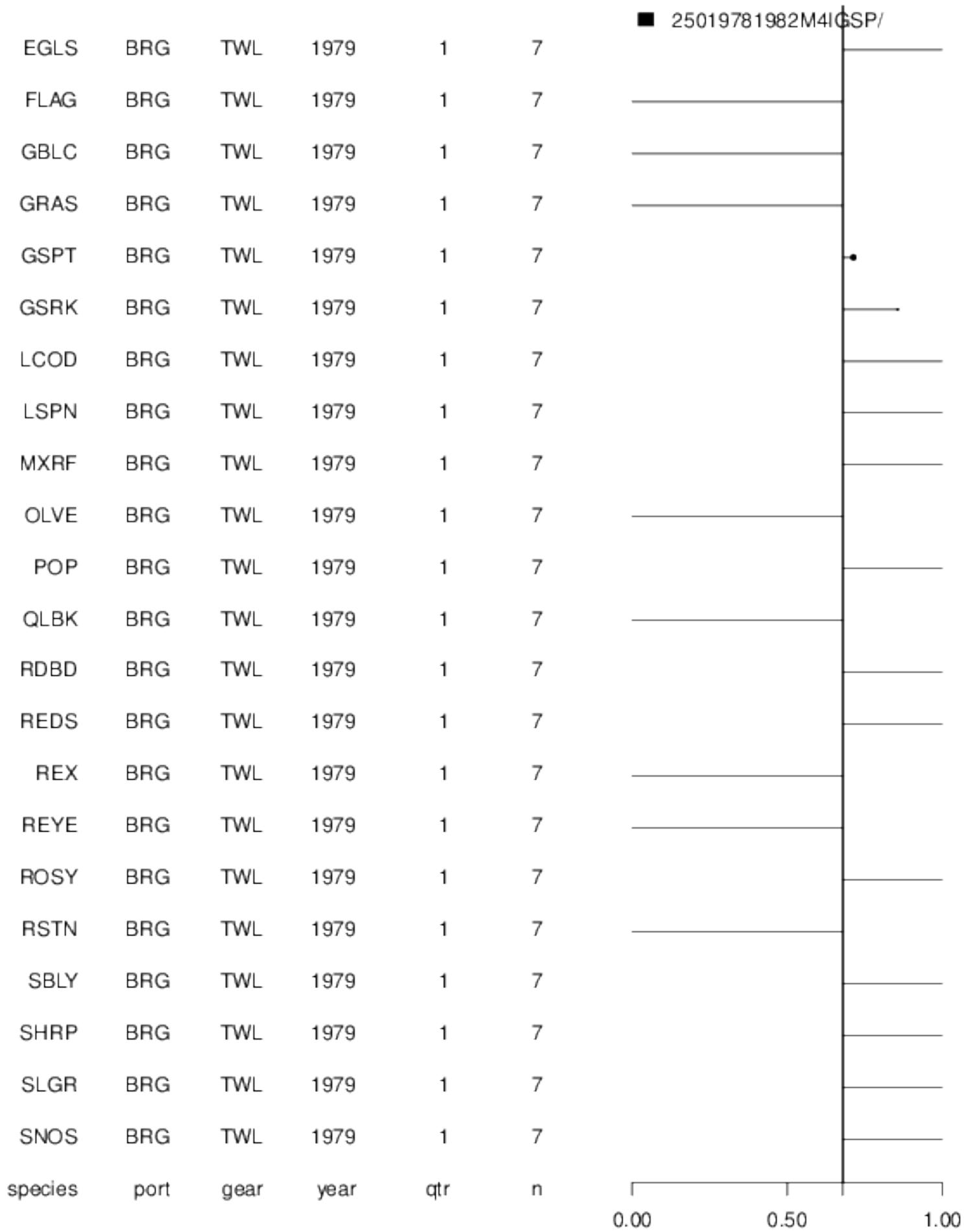


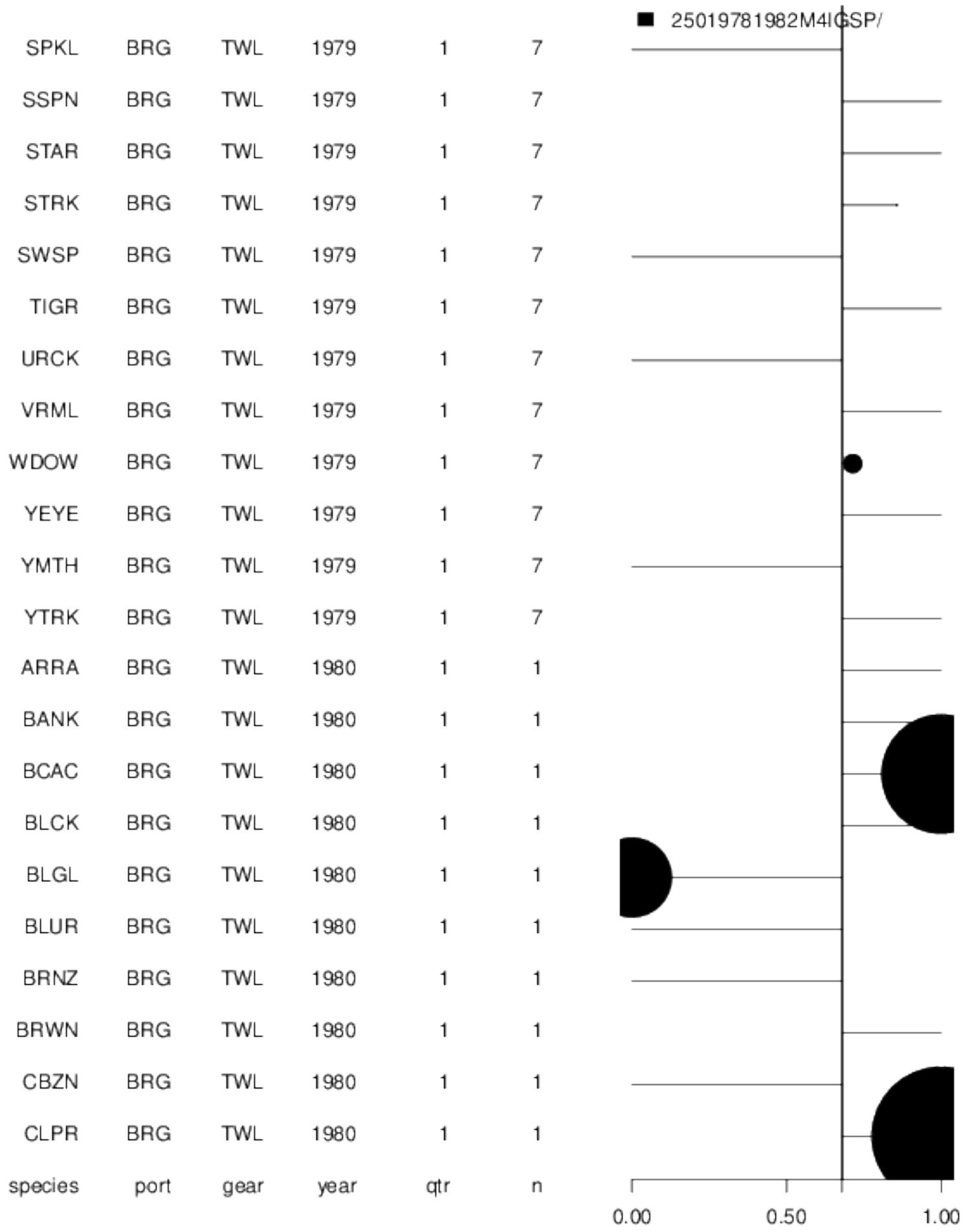


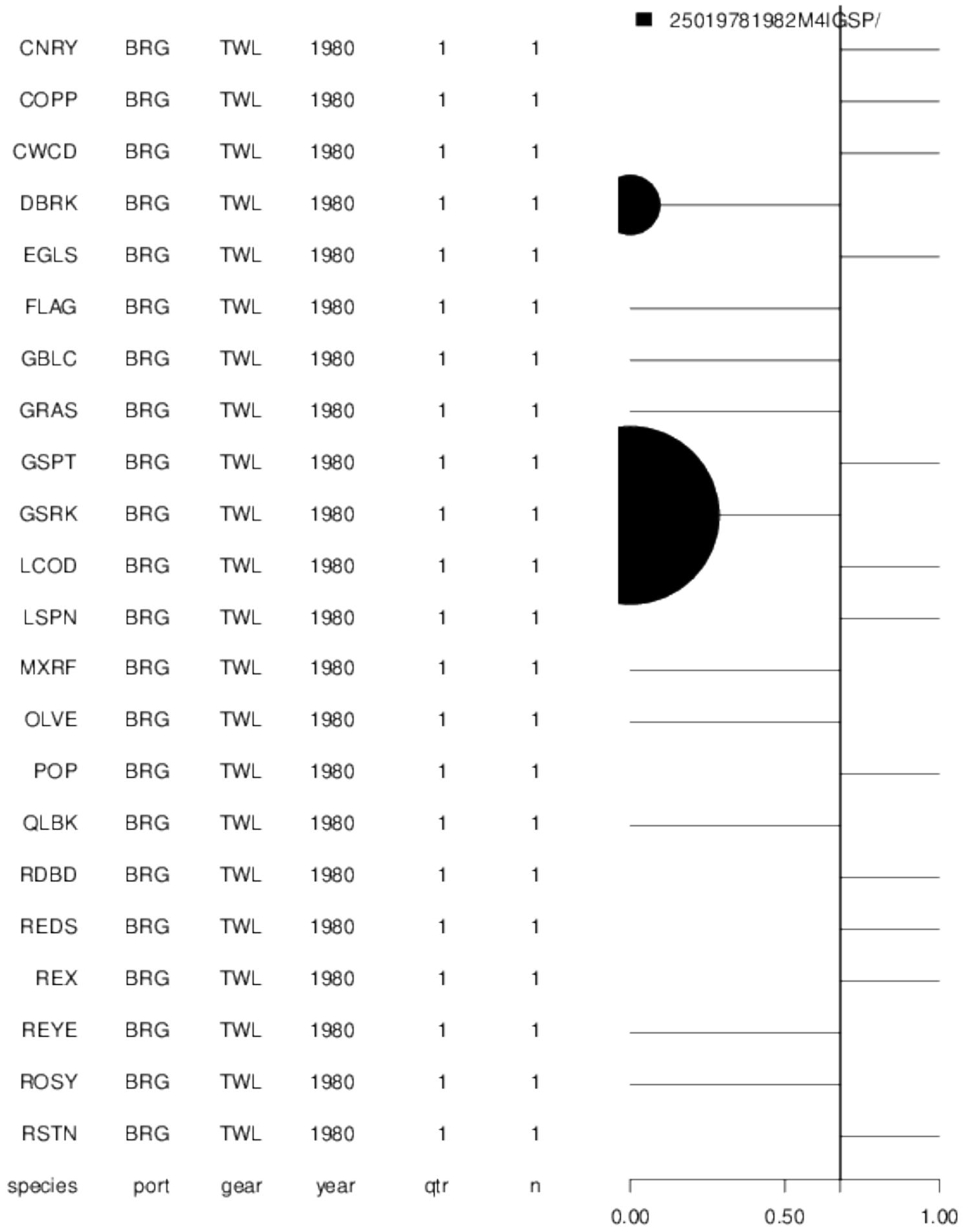


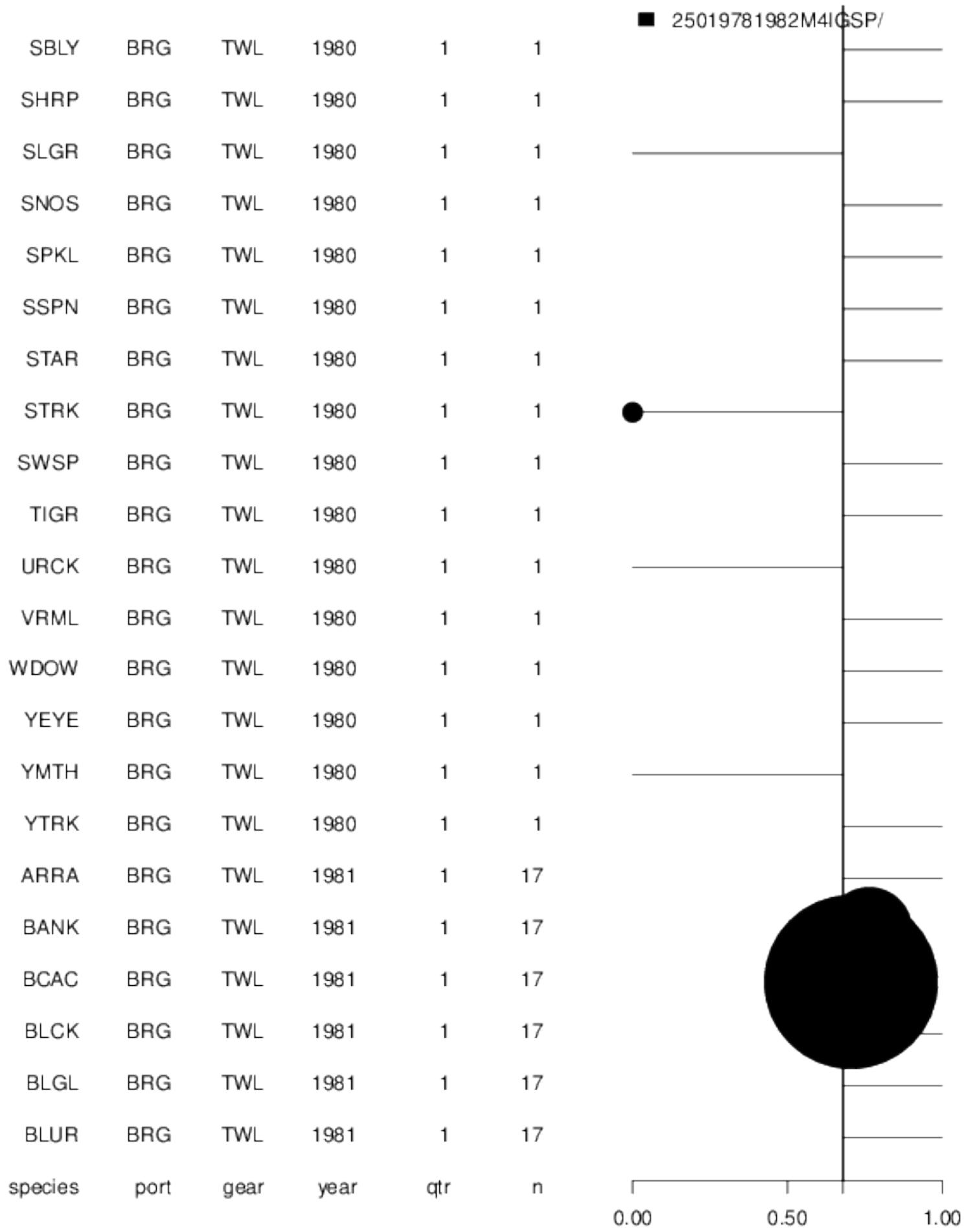


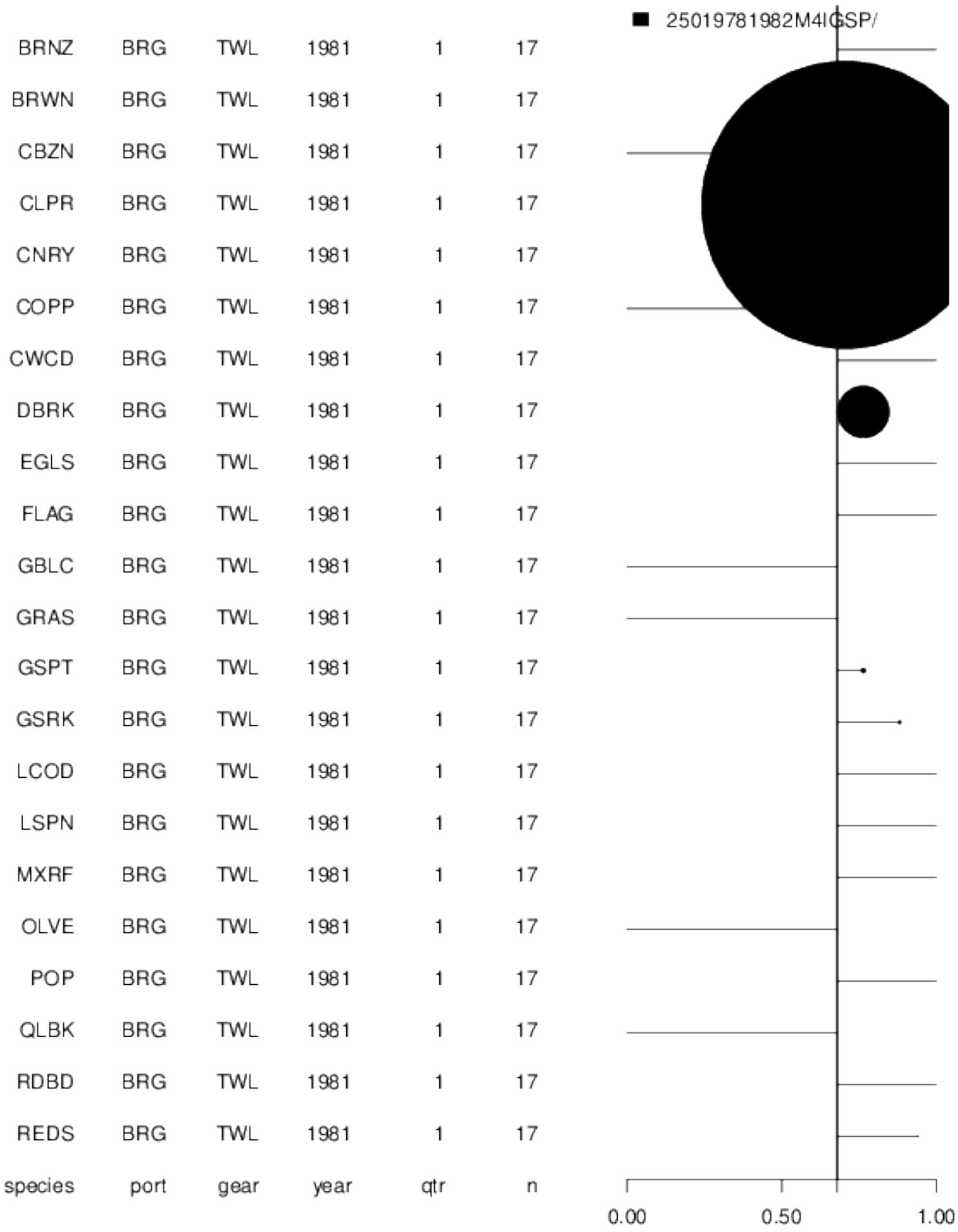


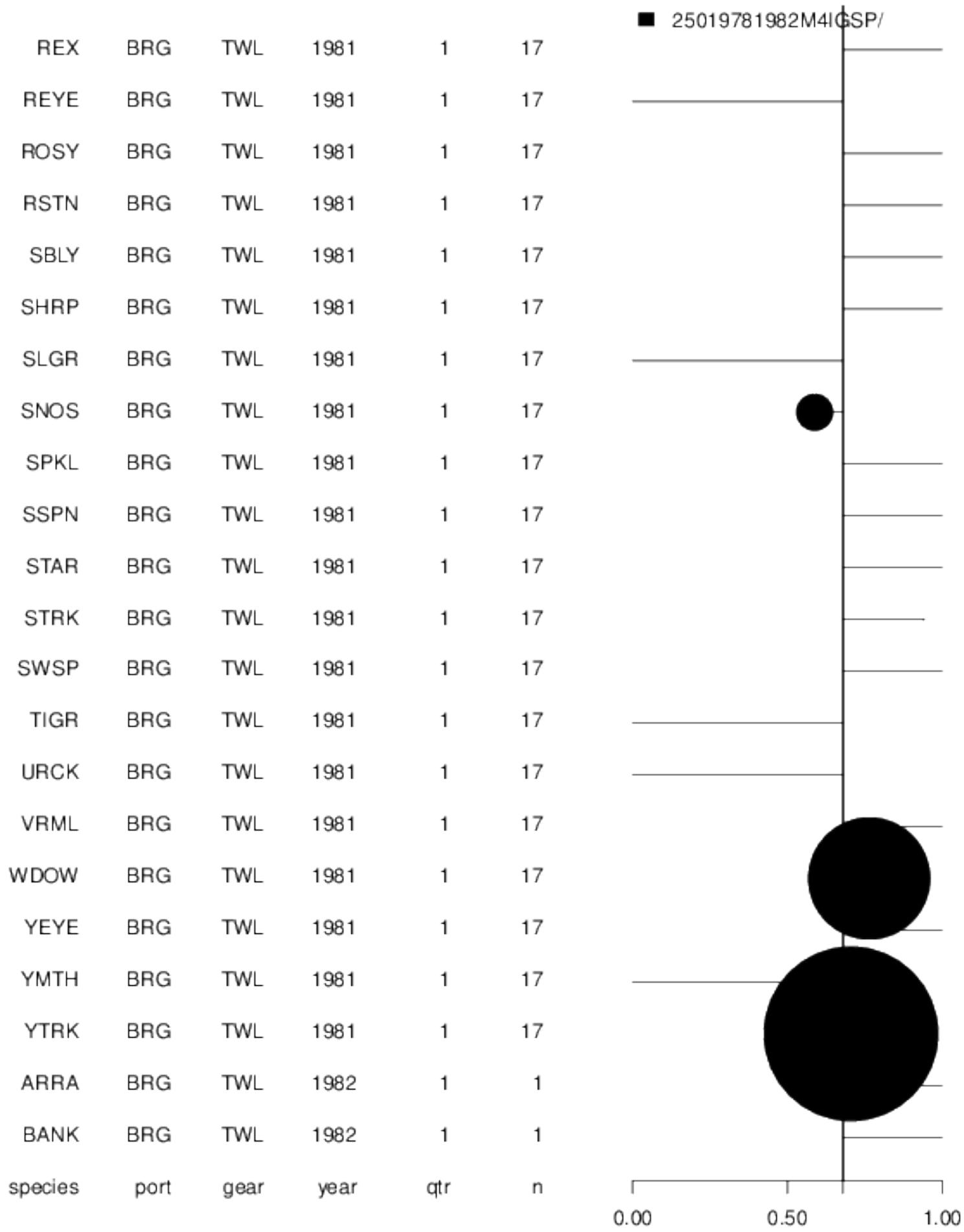


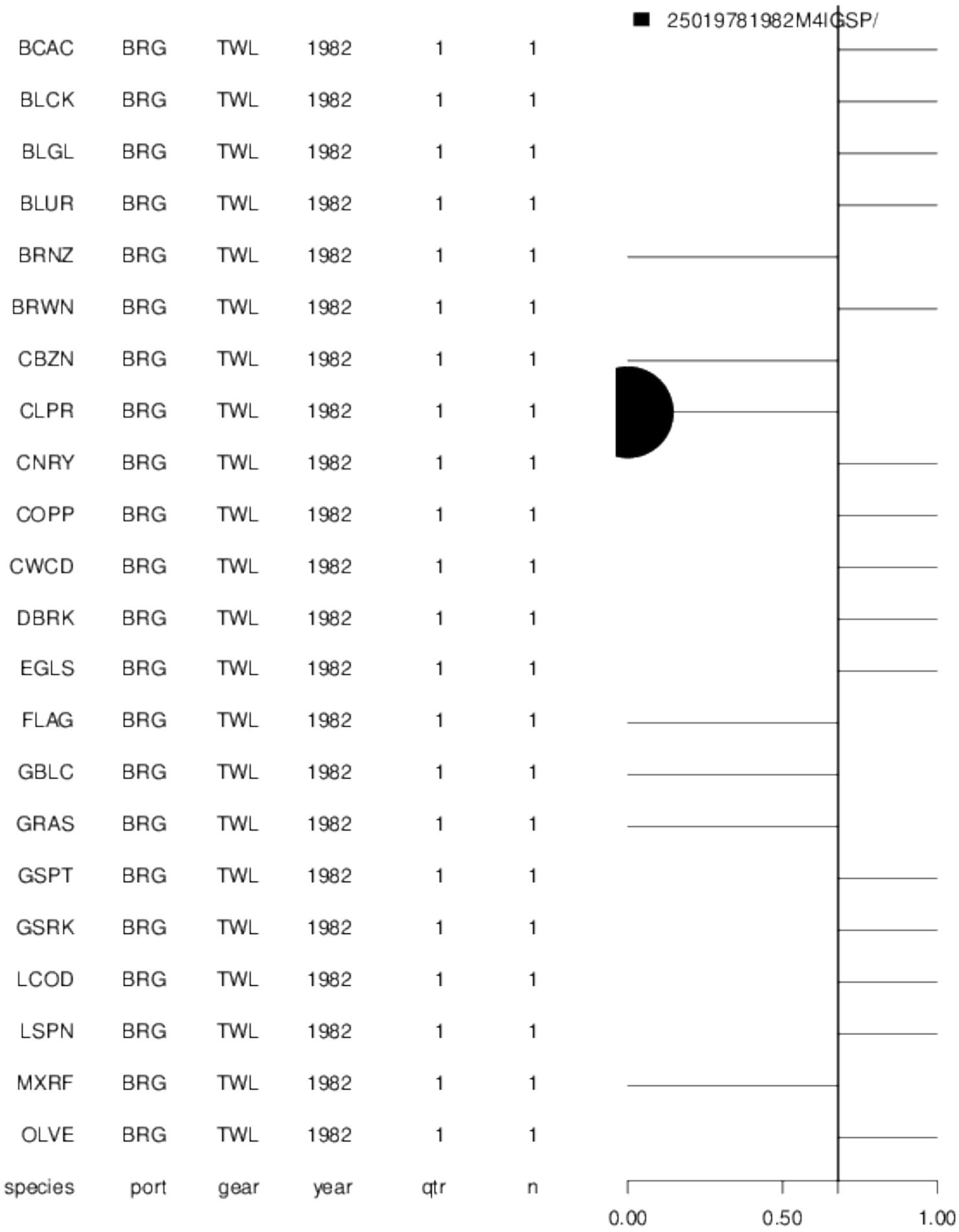


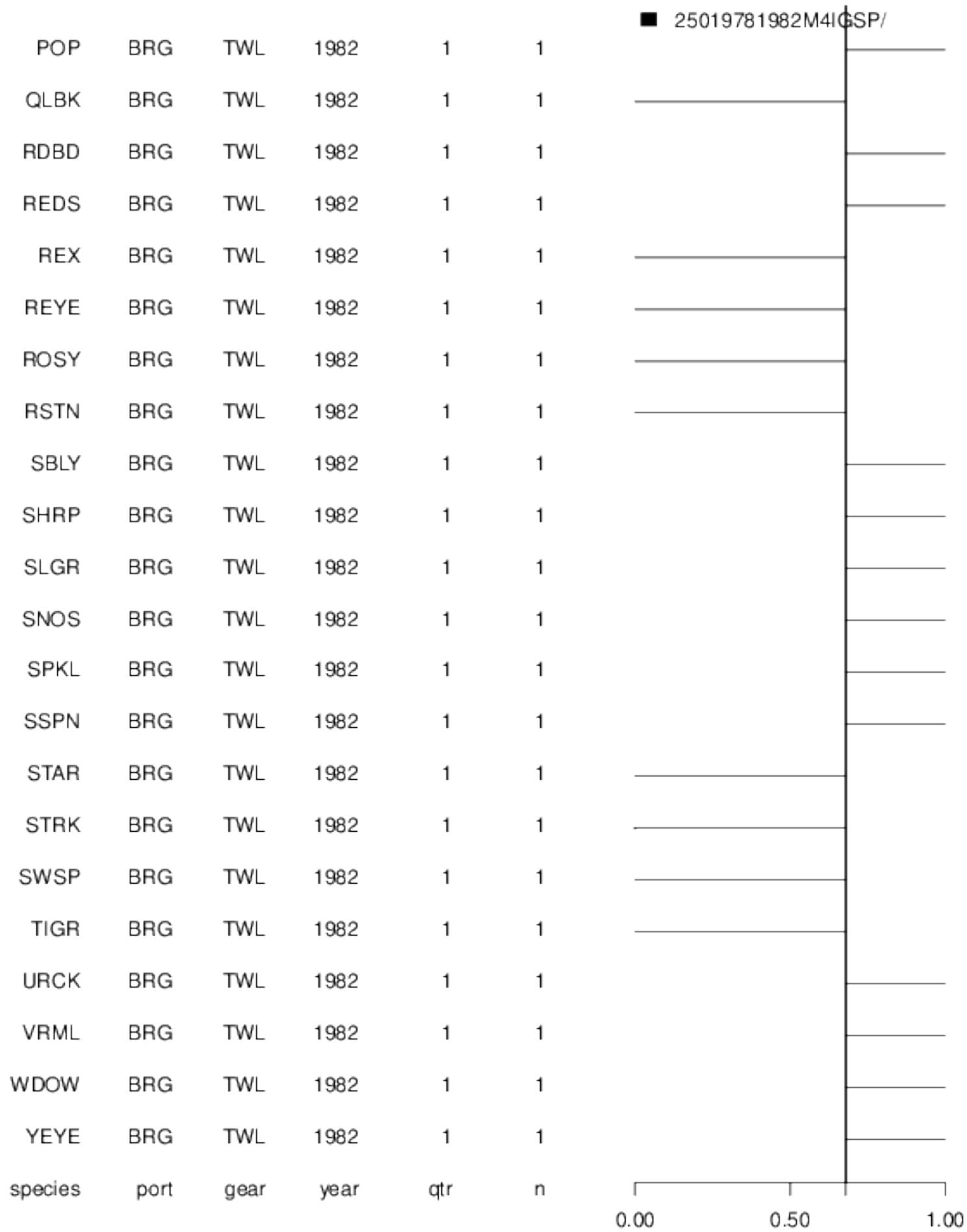


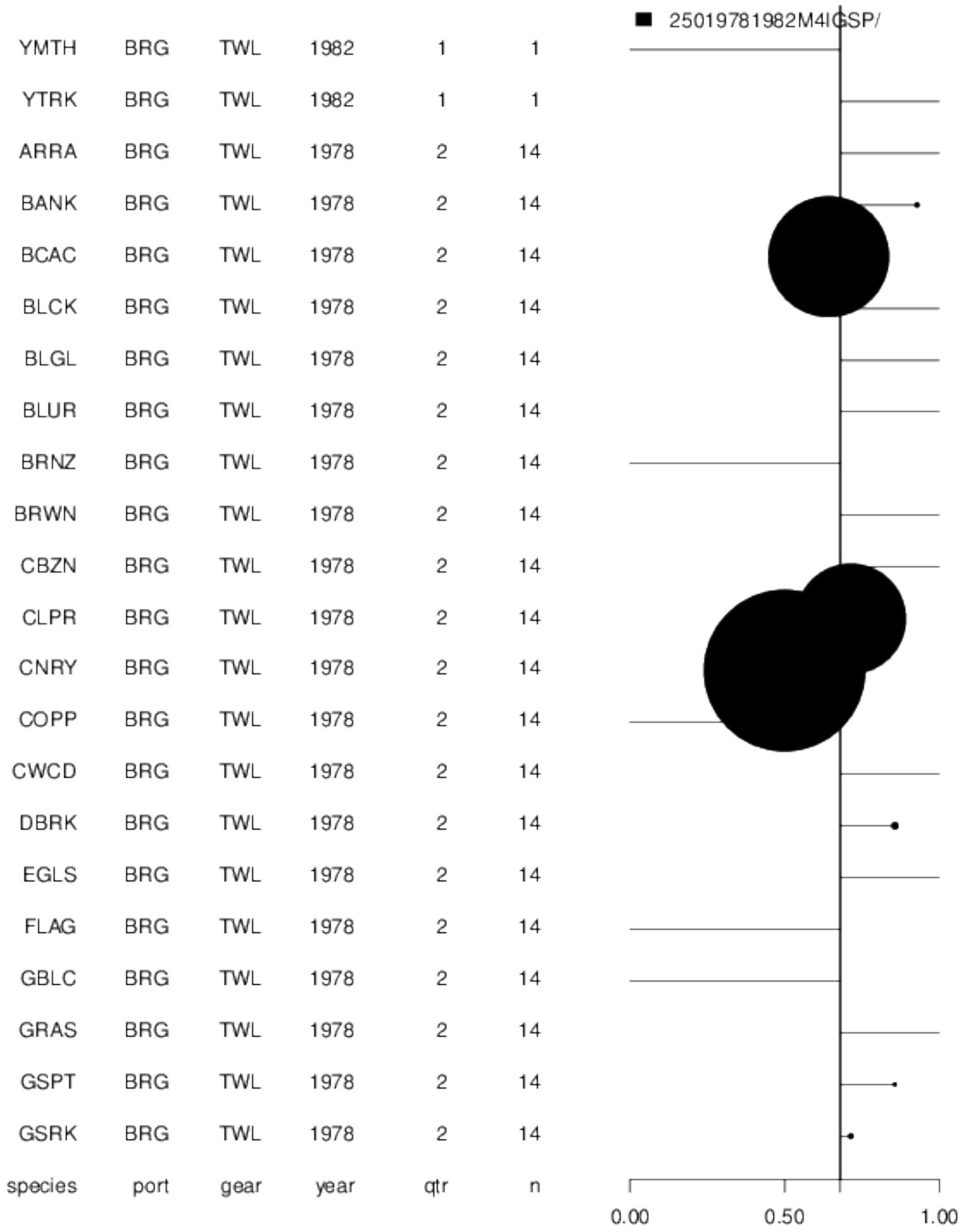


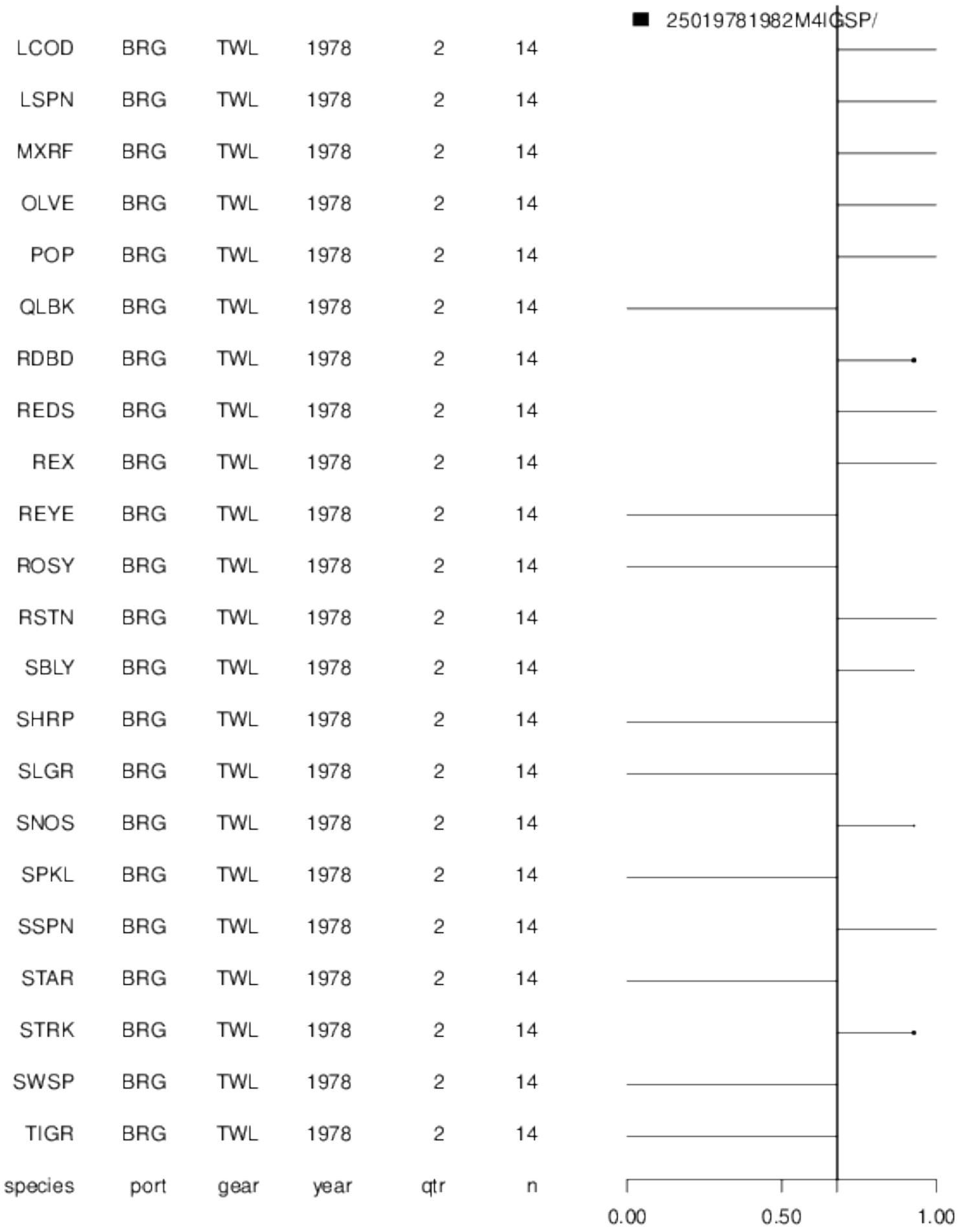


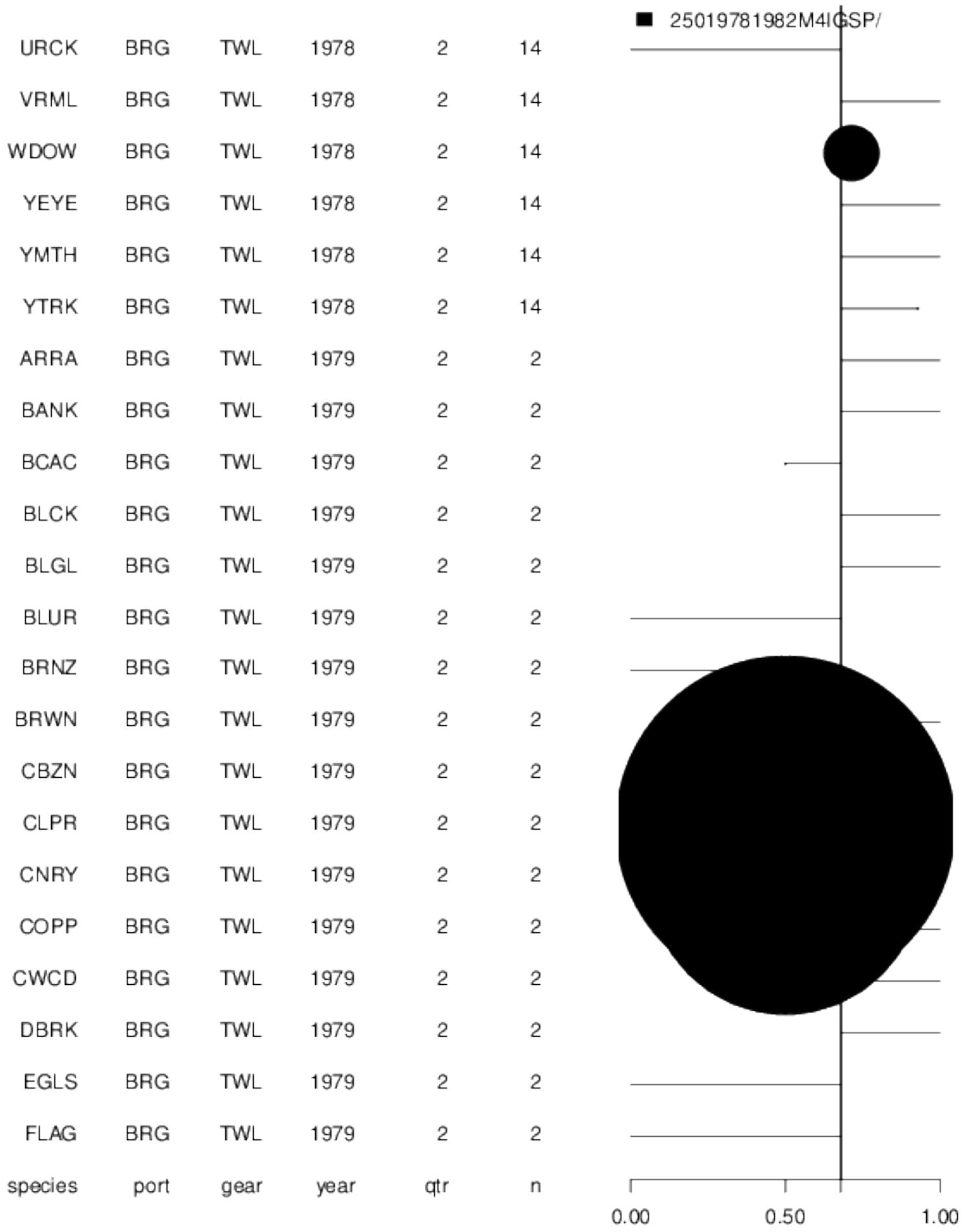


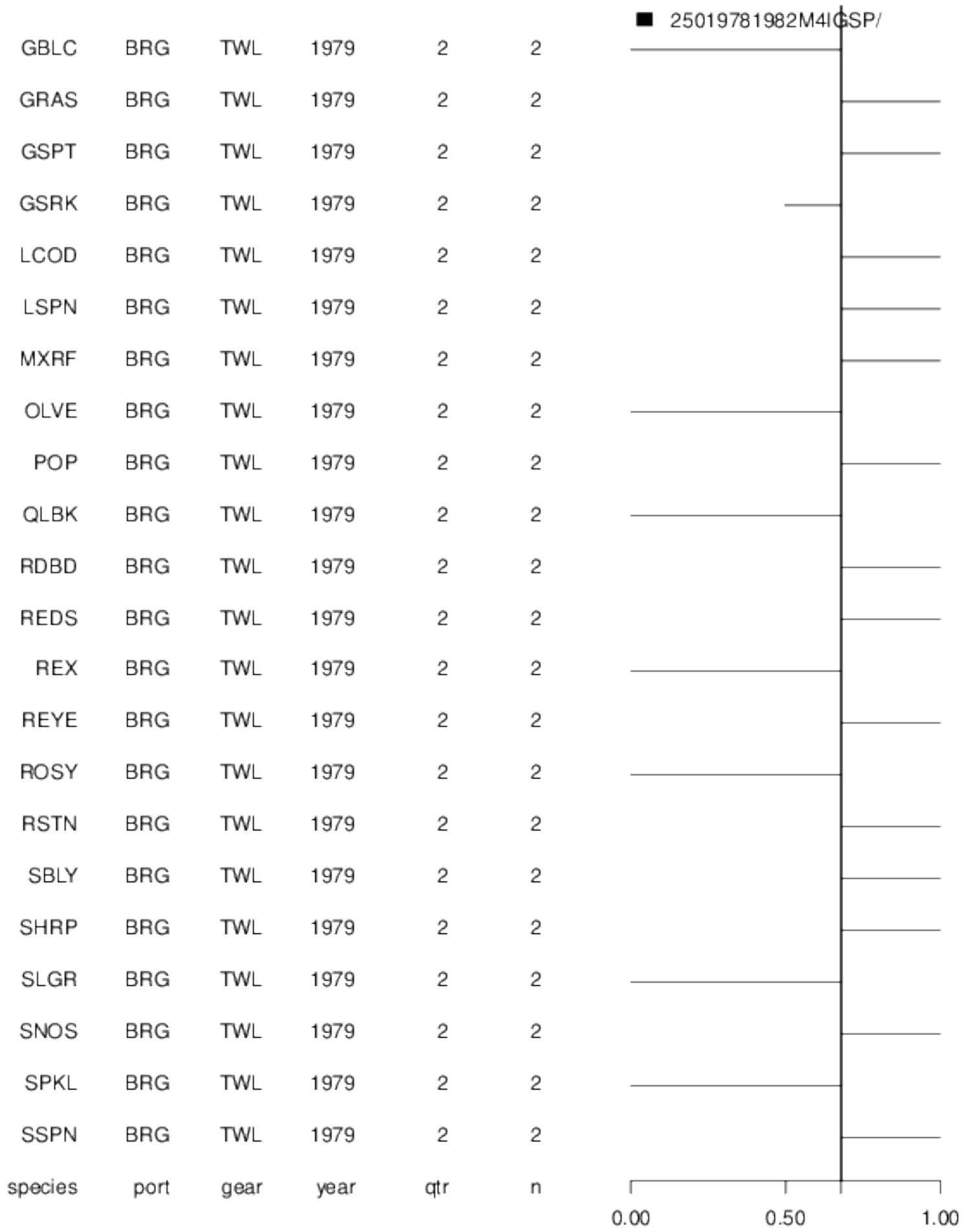


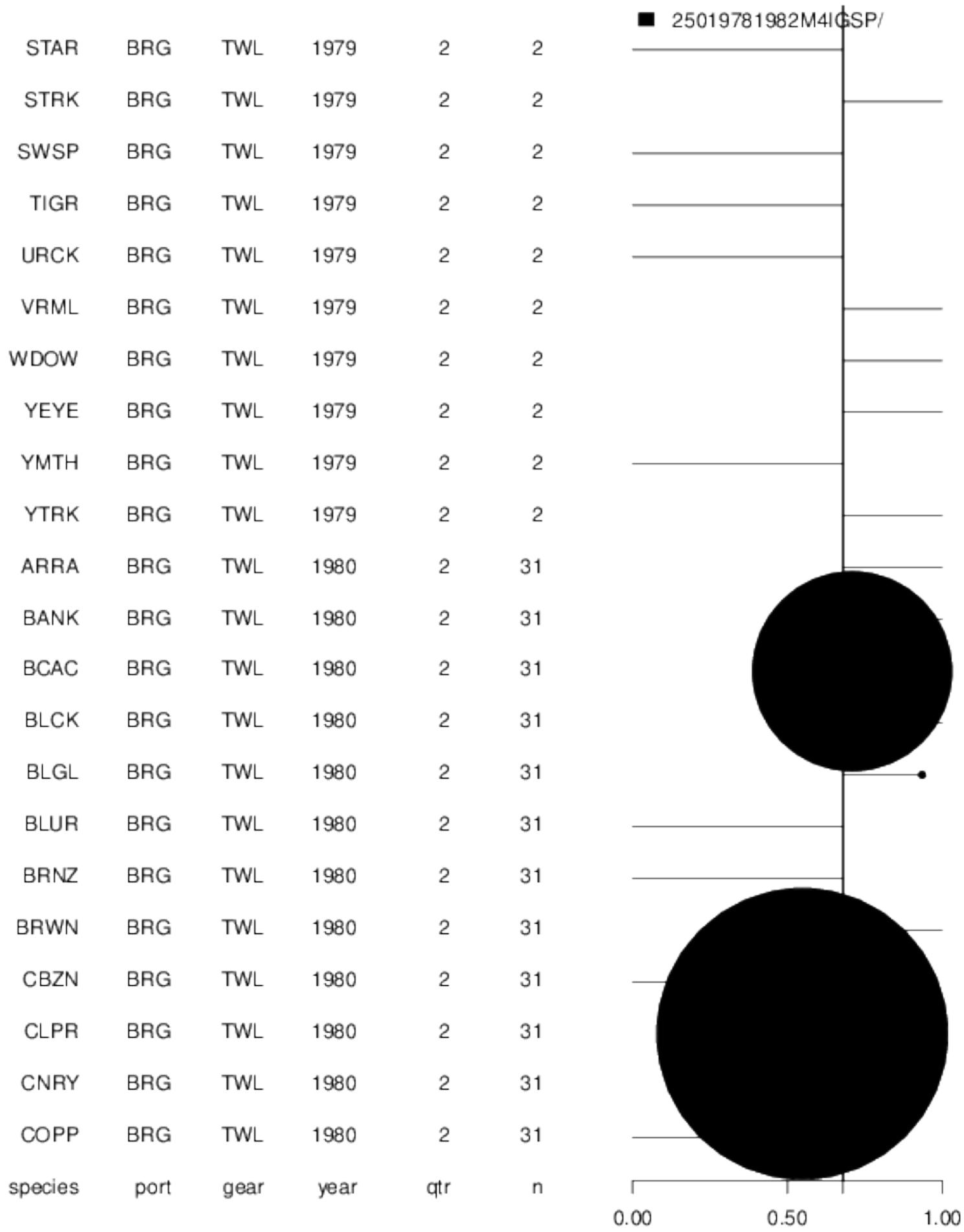


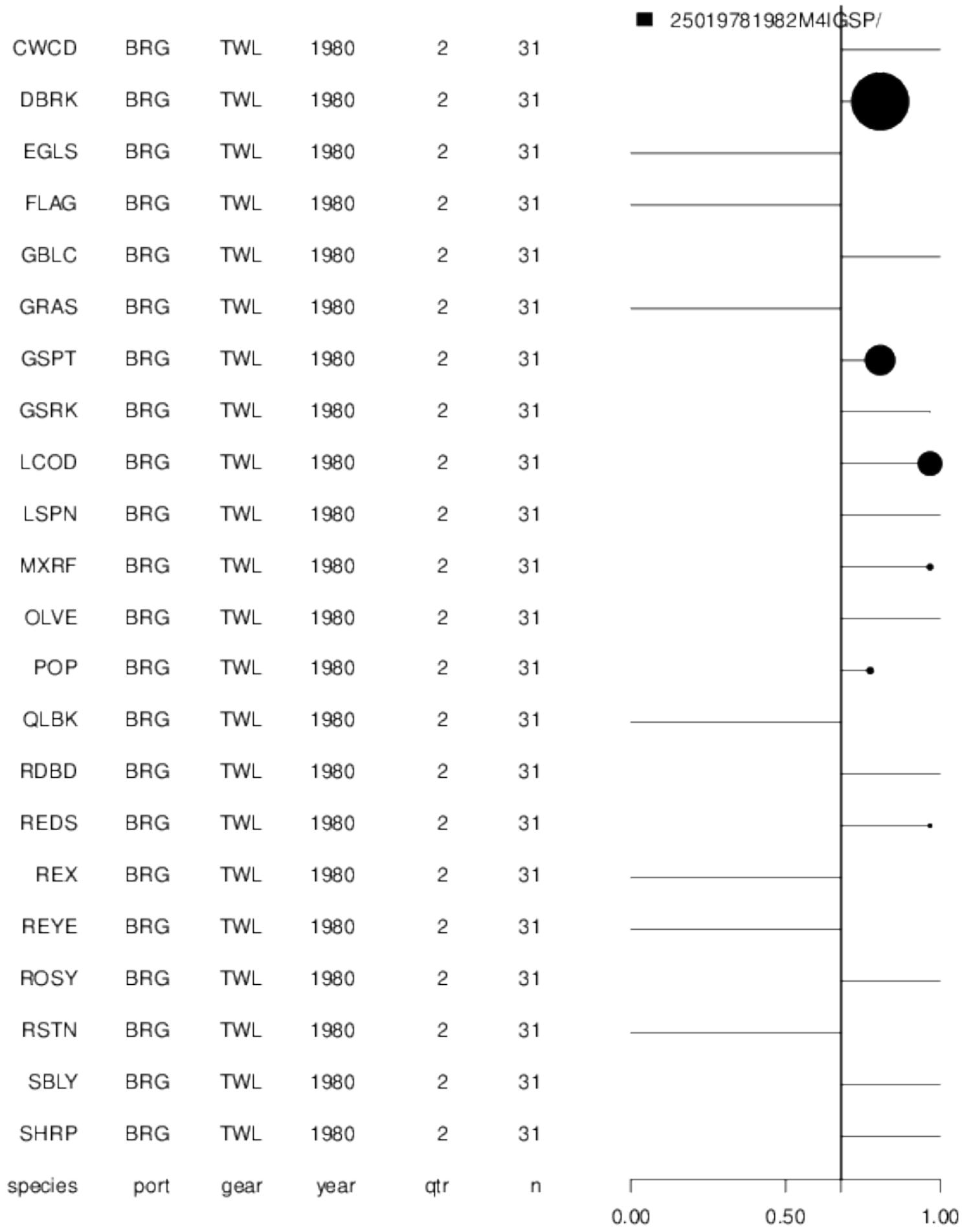


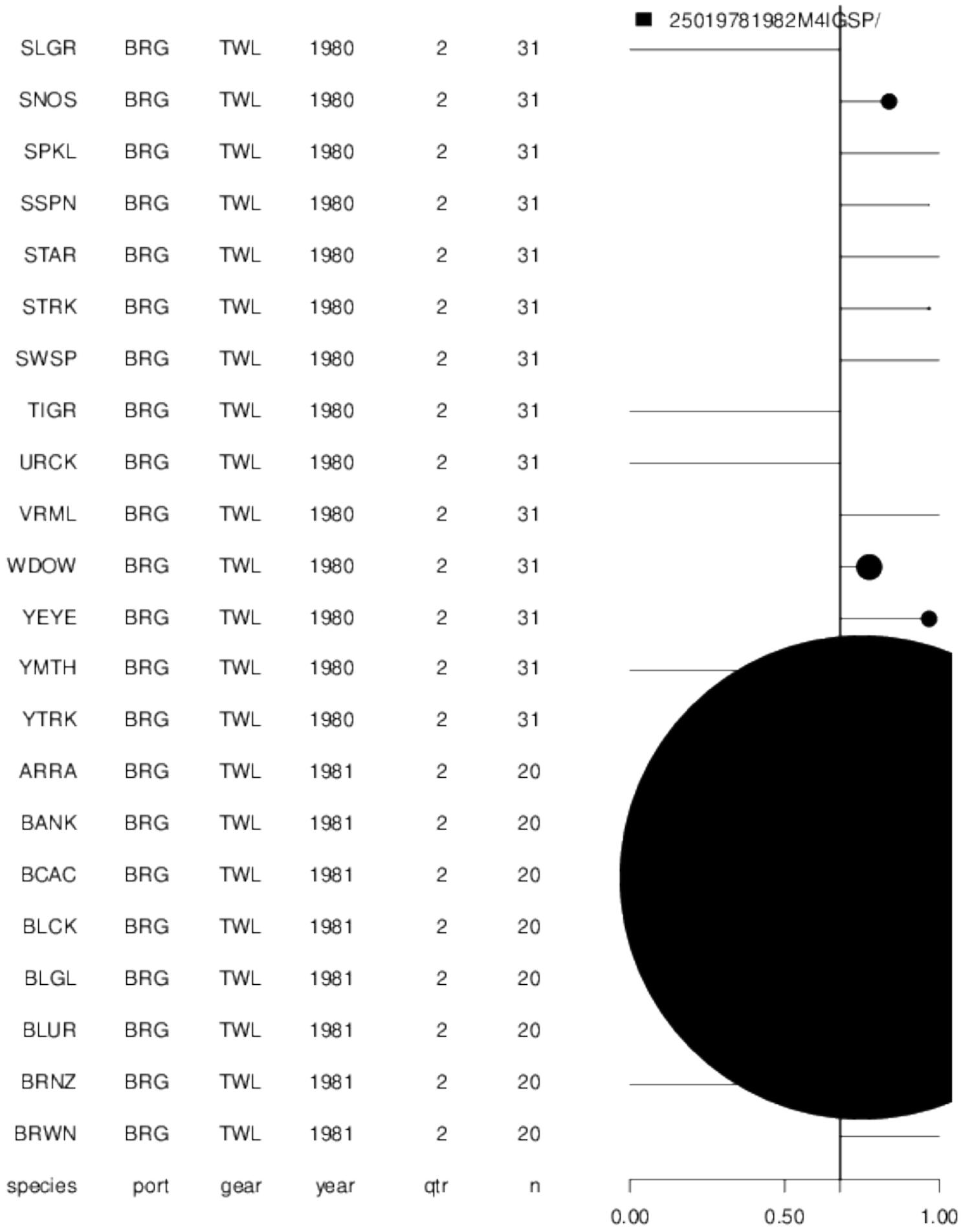


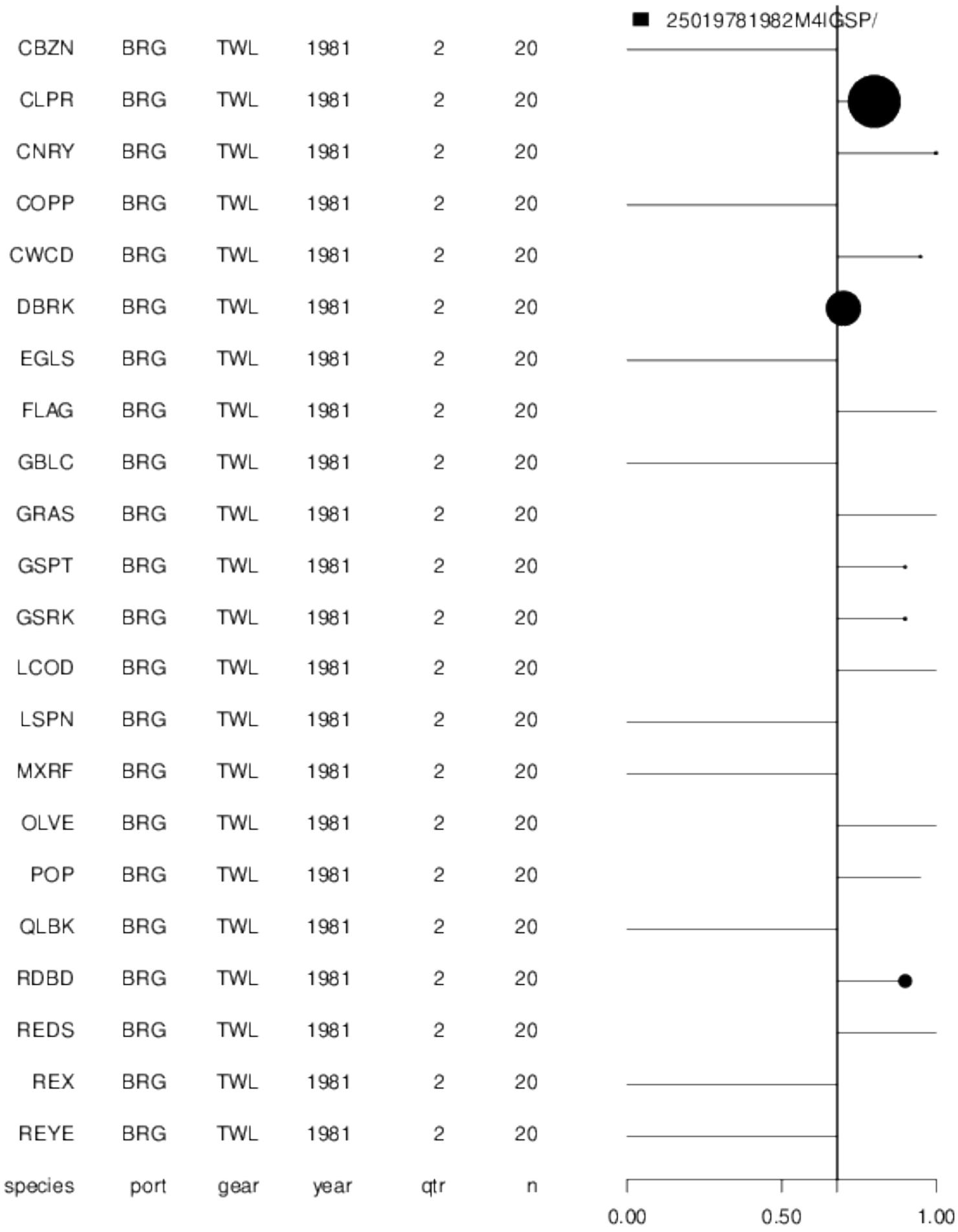


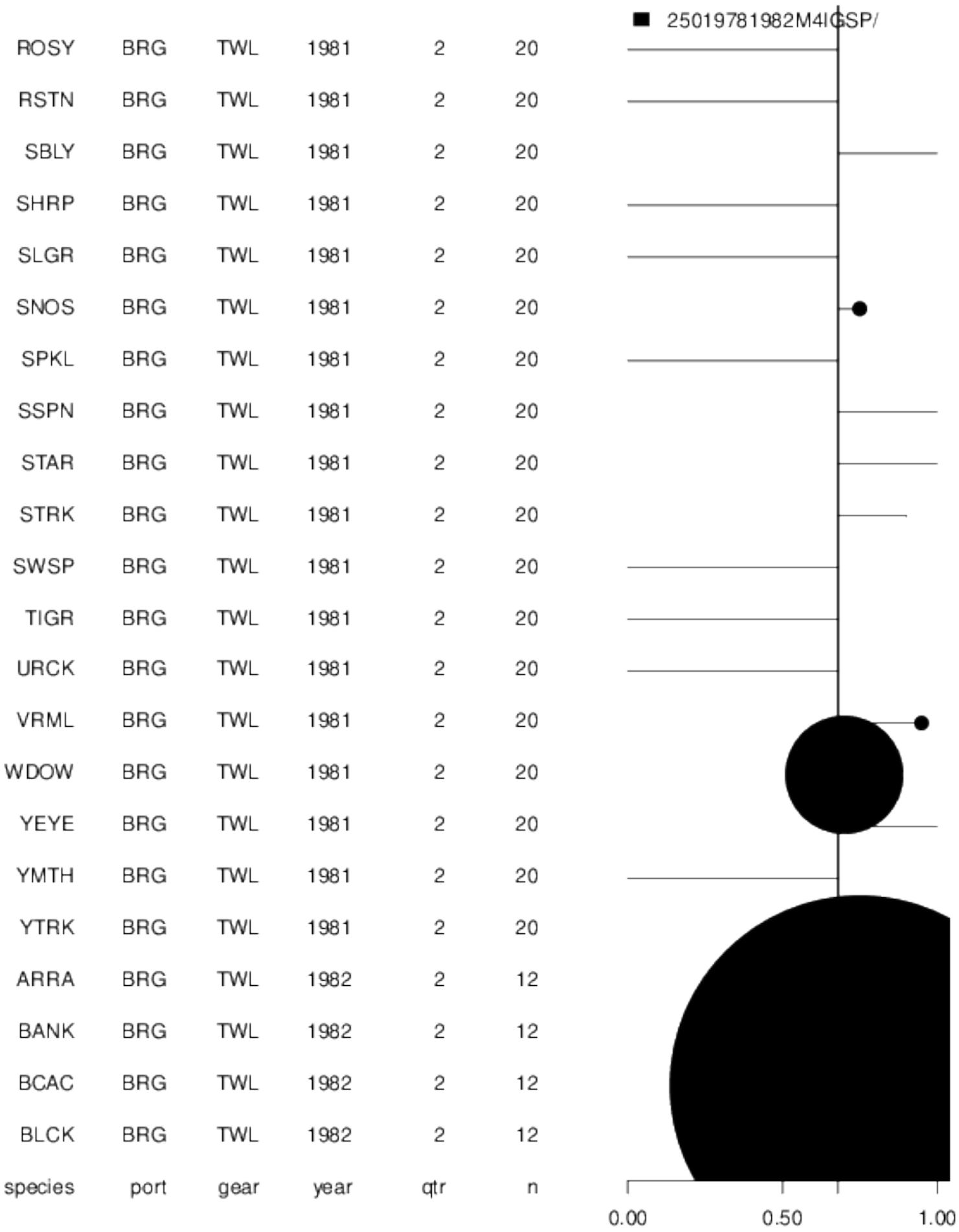


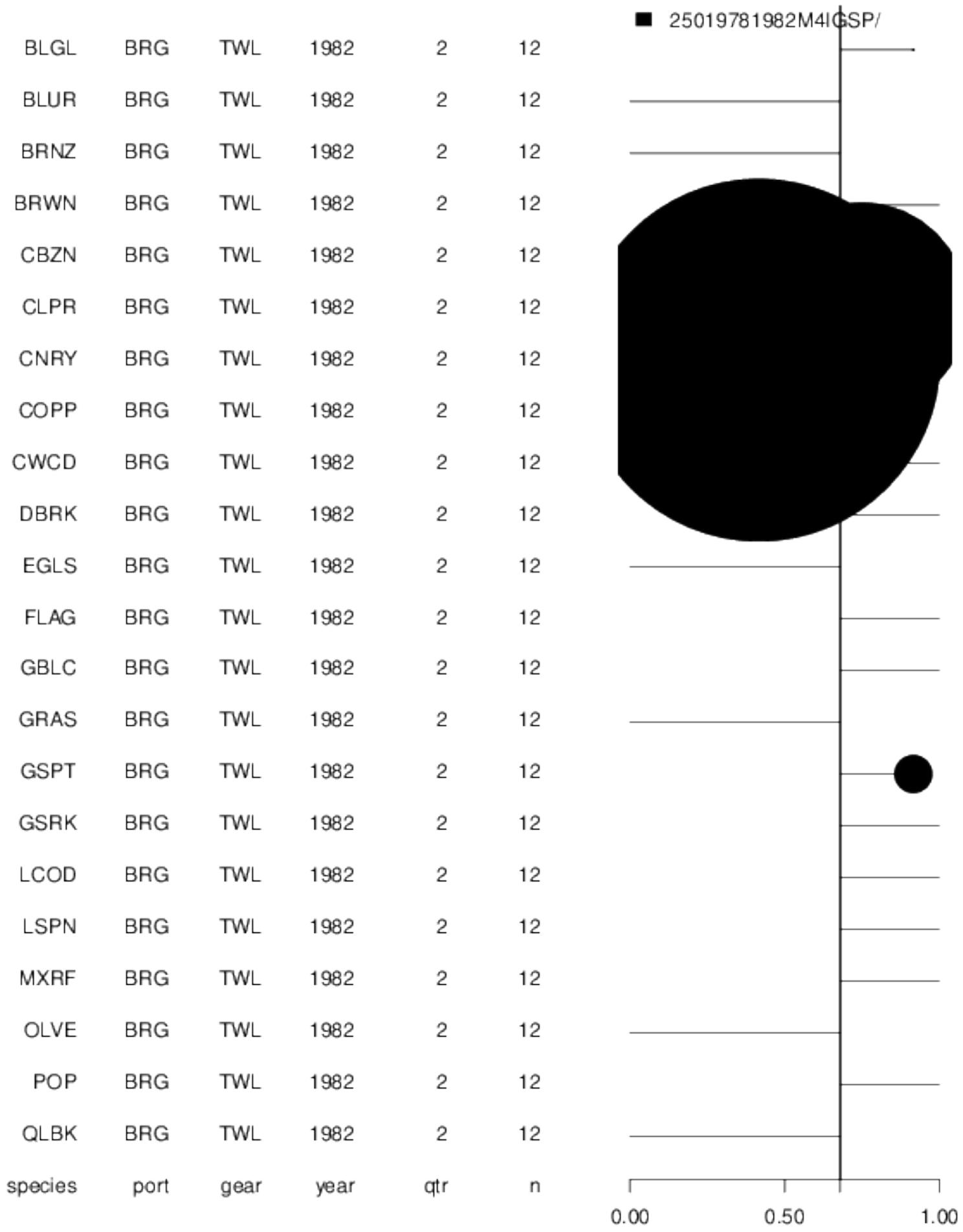


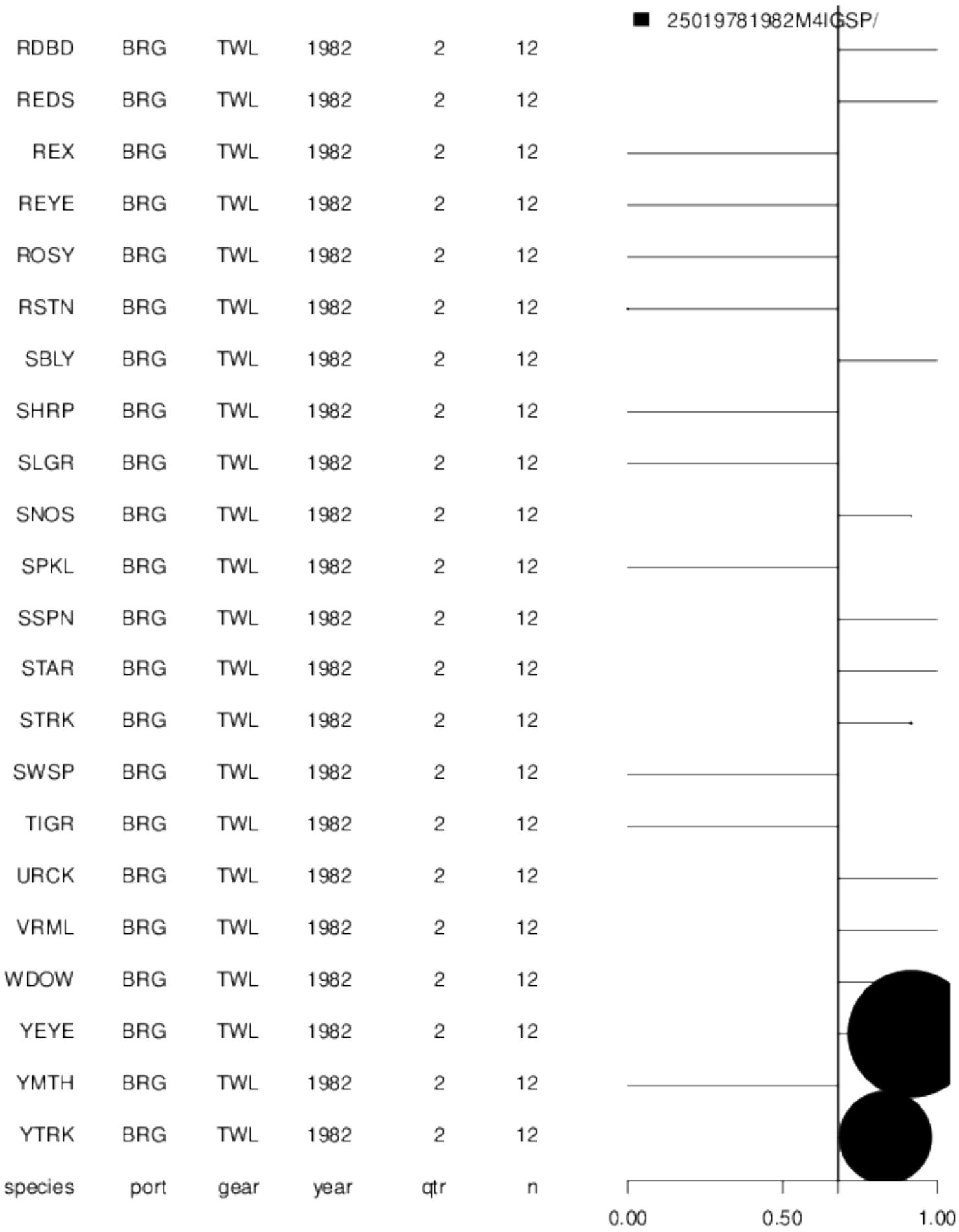




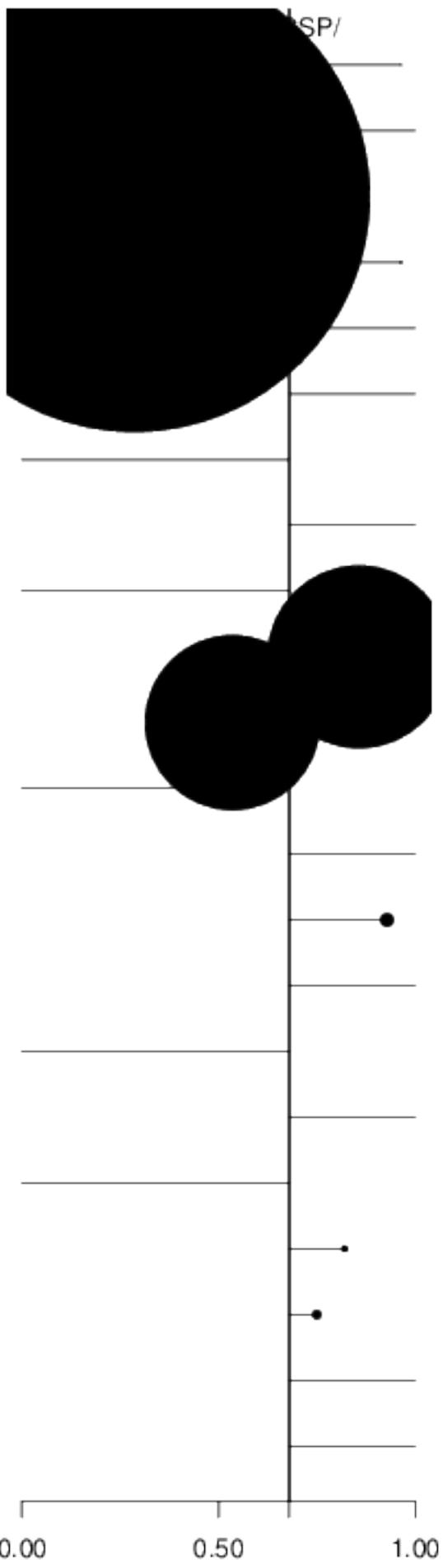


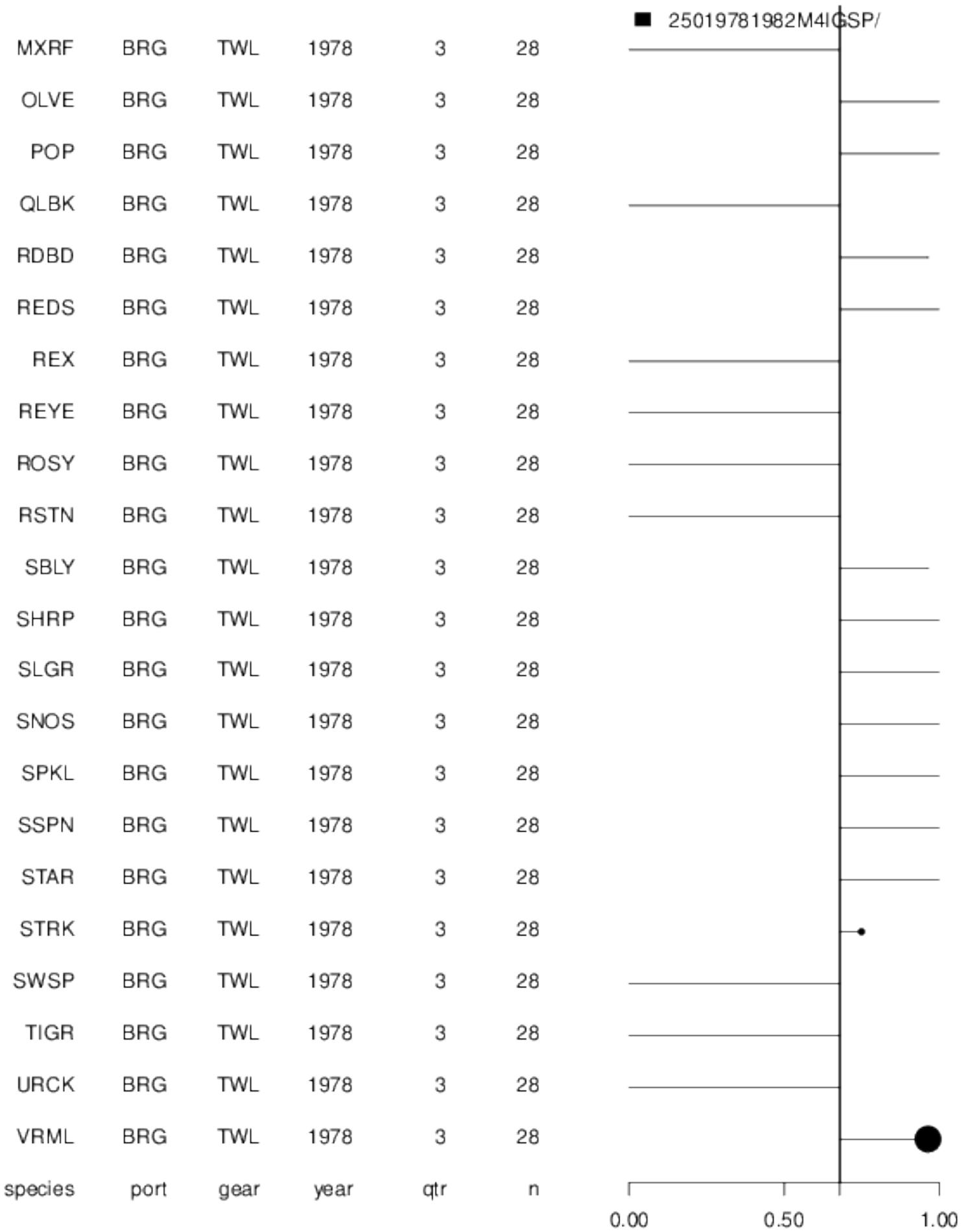


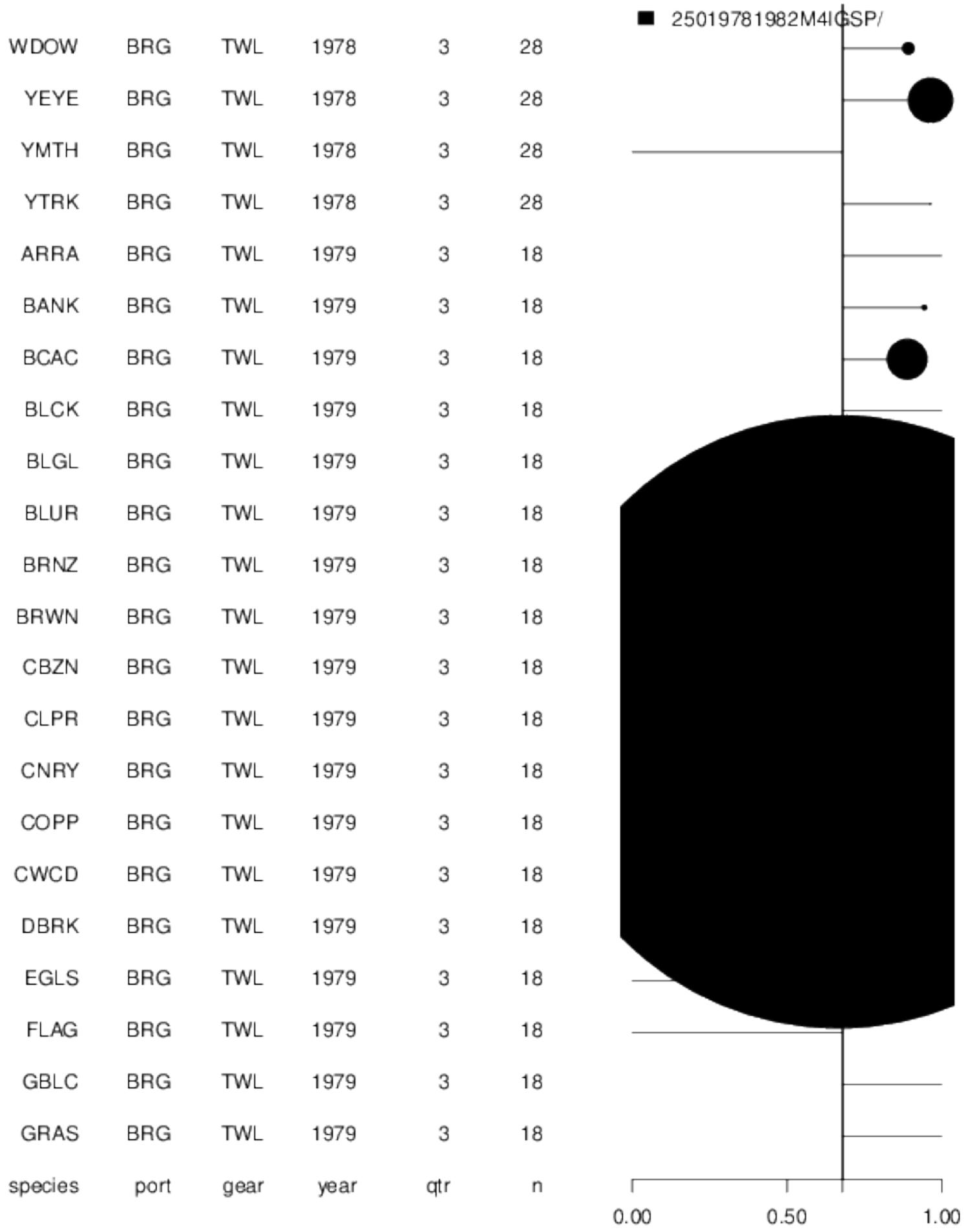


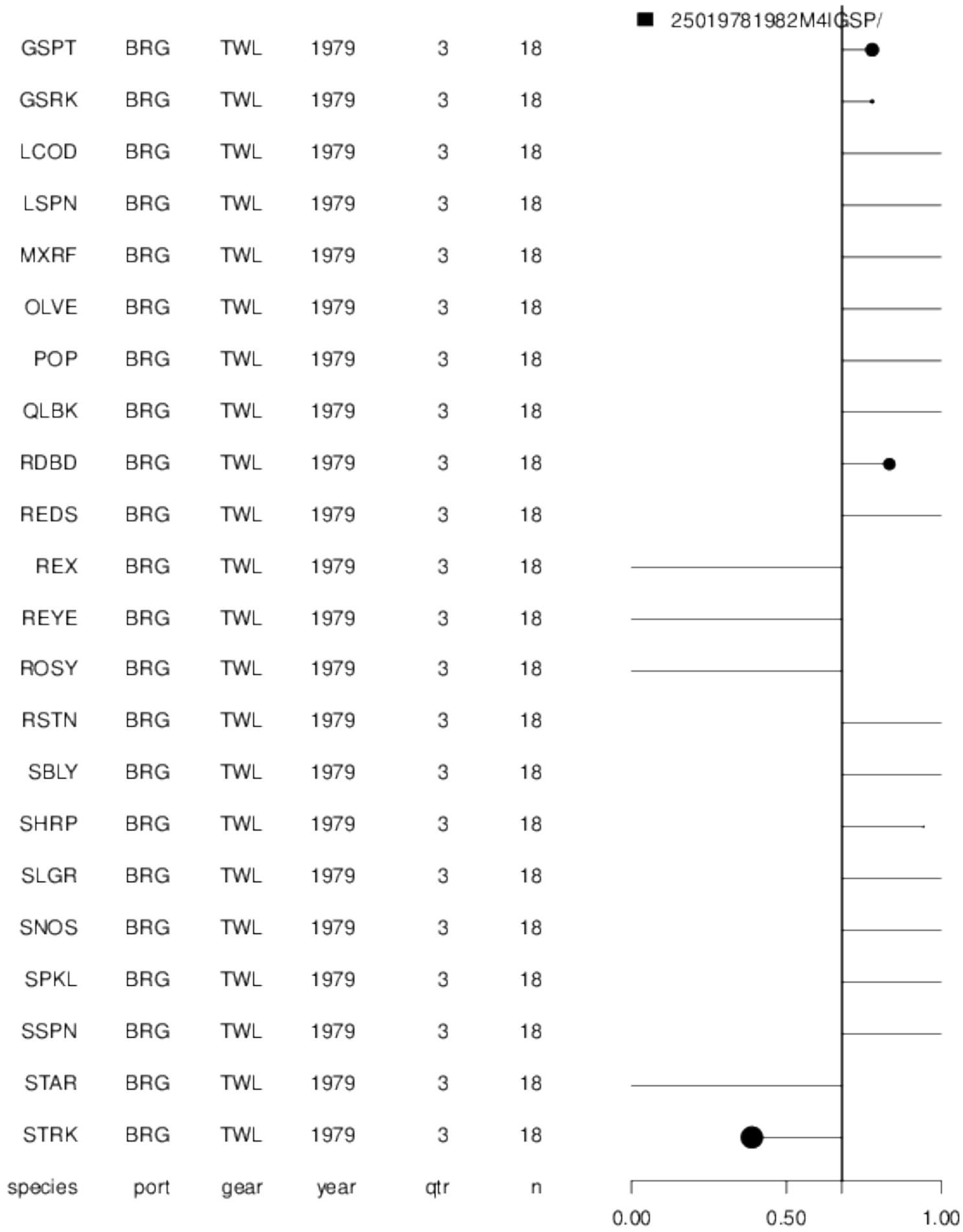


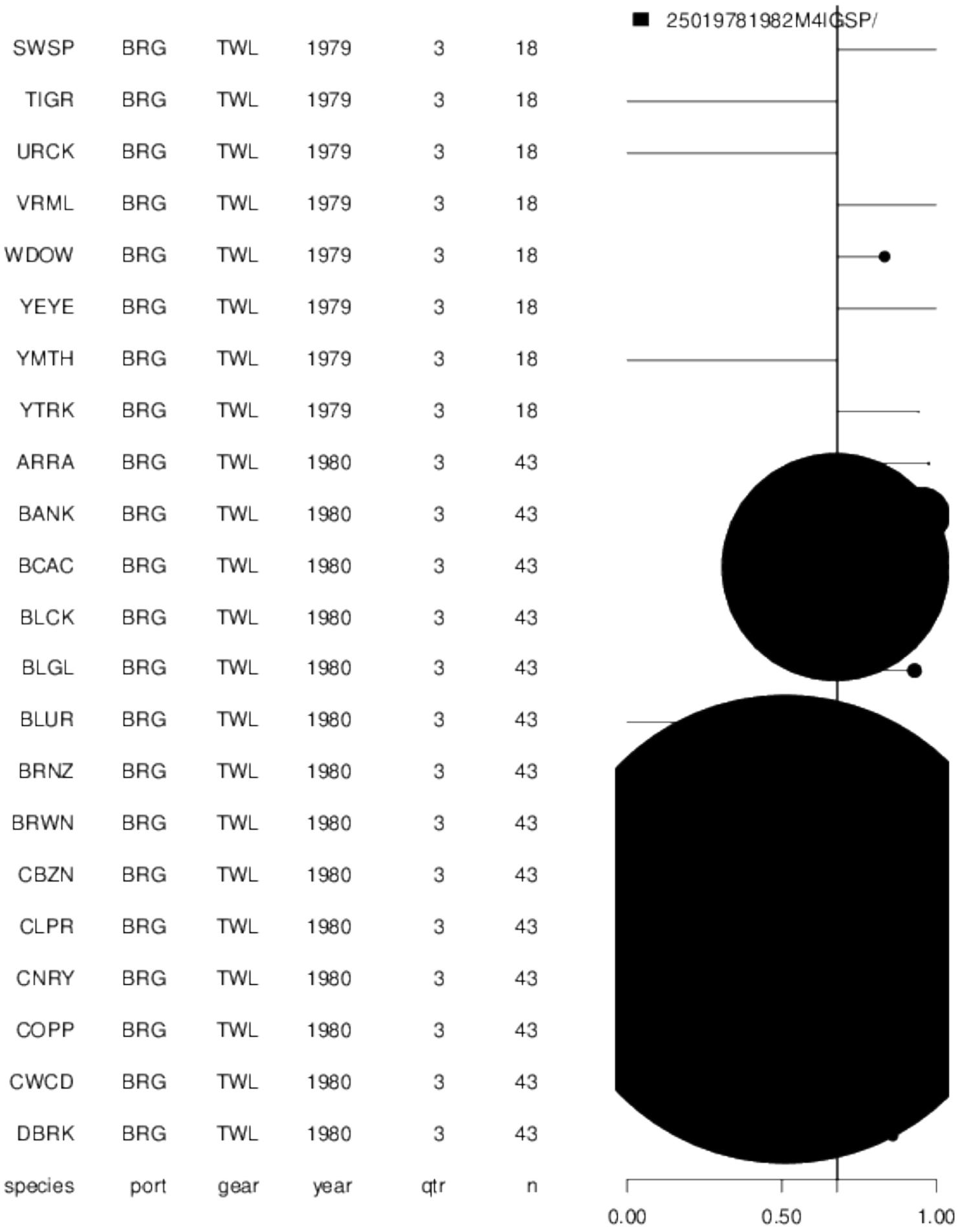
species	port	gear	year	qtr	n
ARRA	BRG	TWL	1978	3	28
BANK	BRG	TWL	1978	3	28
BCAC	BRG	TWL	1978	3	28
BLCK	BRG	TWL	1978	3	28
BLGL	BRG	TWL	1978	3	28
BLUR	BRG	TWL	1978	3	28
BRNZ	BRG	TWL	1978	3	28
BRWN	BRG	TWL	1978	3	28
CBZN	BRG	TWL	1978	3	28
CLPR	BRG	TWL	1978	3	28
CNRY	BRG	TWL	1978	3	28
COPP	BRG	TWL	1978	3	28
CWCD	BRG	TWL	1978	3	28
DBRK	BRG	TWL	1978	3	28
EGLS	BRG	TWL	1978	3	28
FLAG	BRG	TWL	1978	3	28
GBLC	BRG	TWL	1978	3	28
GRAS	BRG	TWL	1978	3	28
GSPT	BRG	TWL	1978	3	28
GSRK	BRG	TWL	1978	3	28
LCOD	BRG	TWL	1978	3	28
LSPN	BRG	TWL	1978	3	28

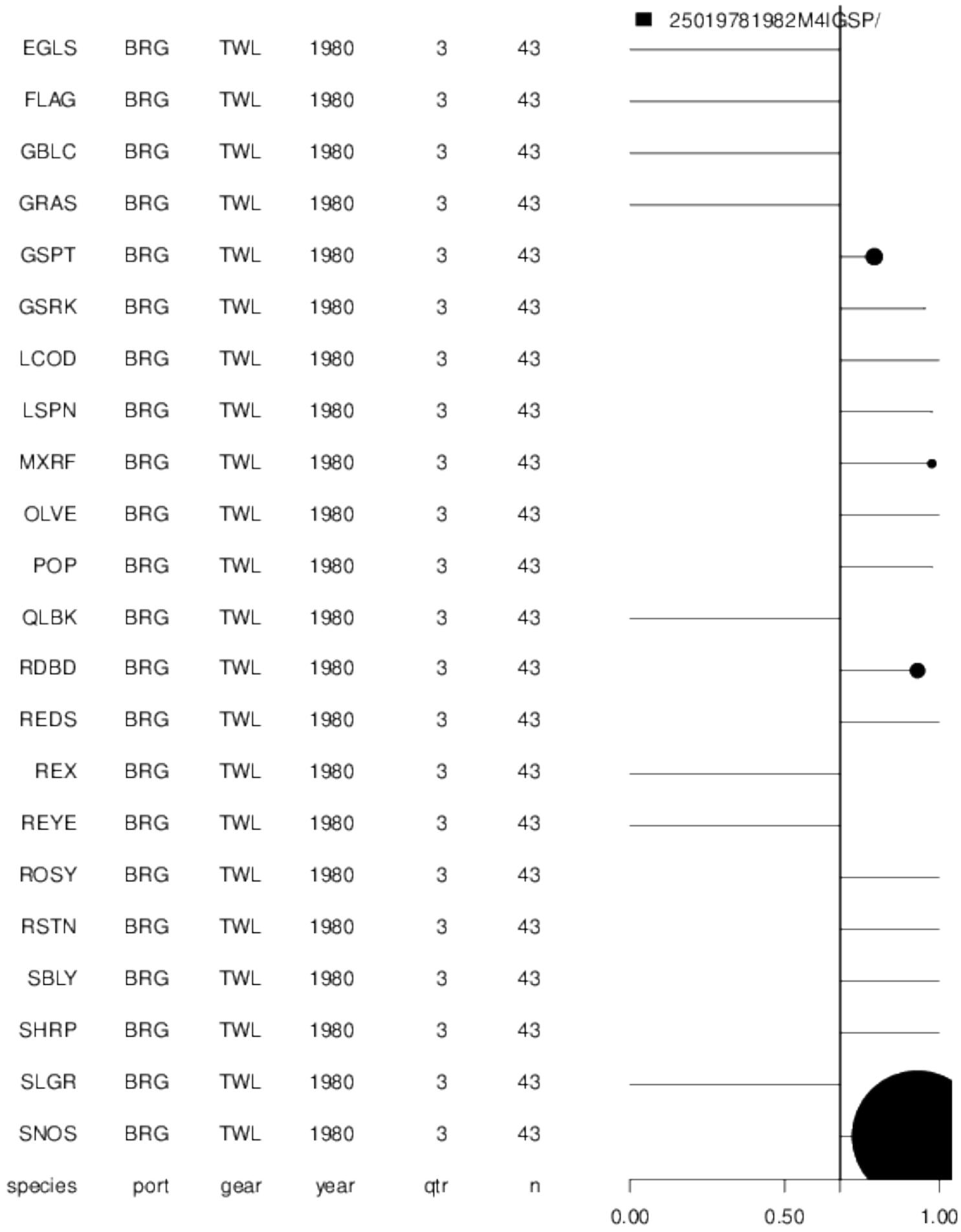


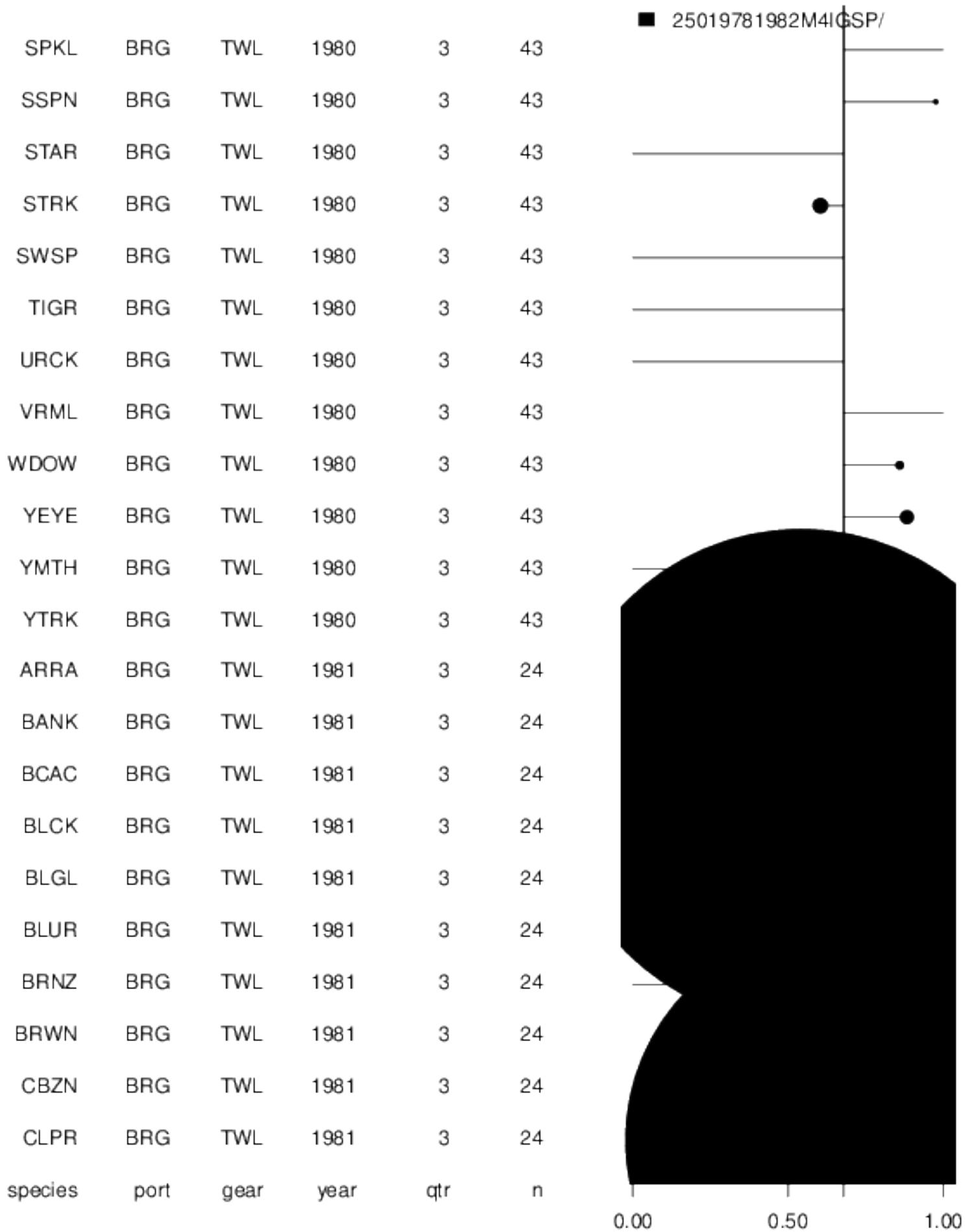


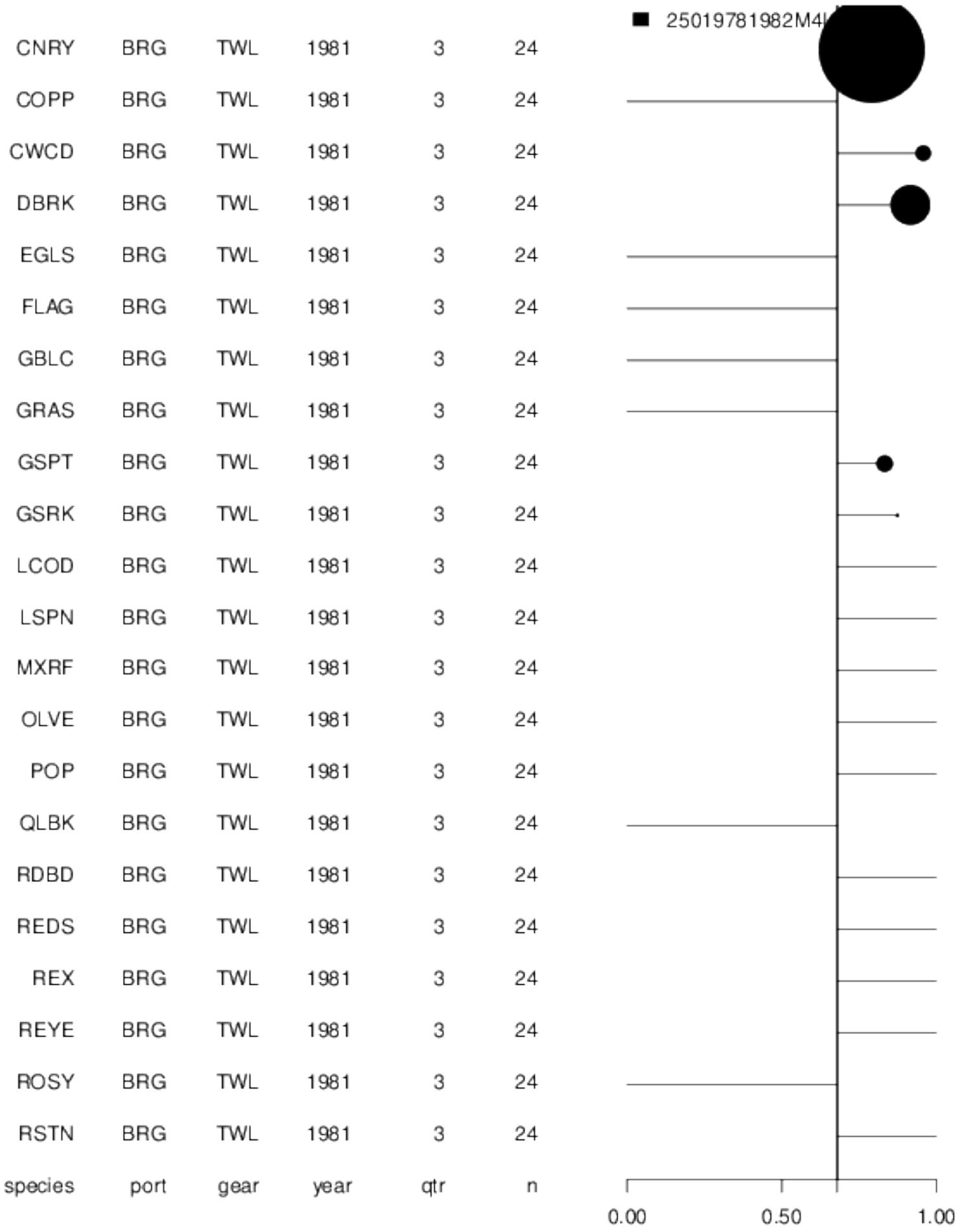


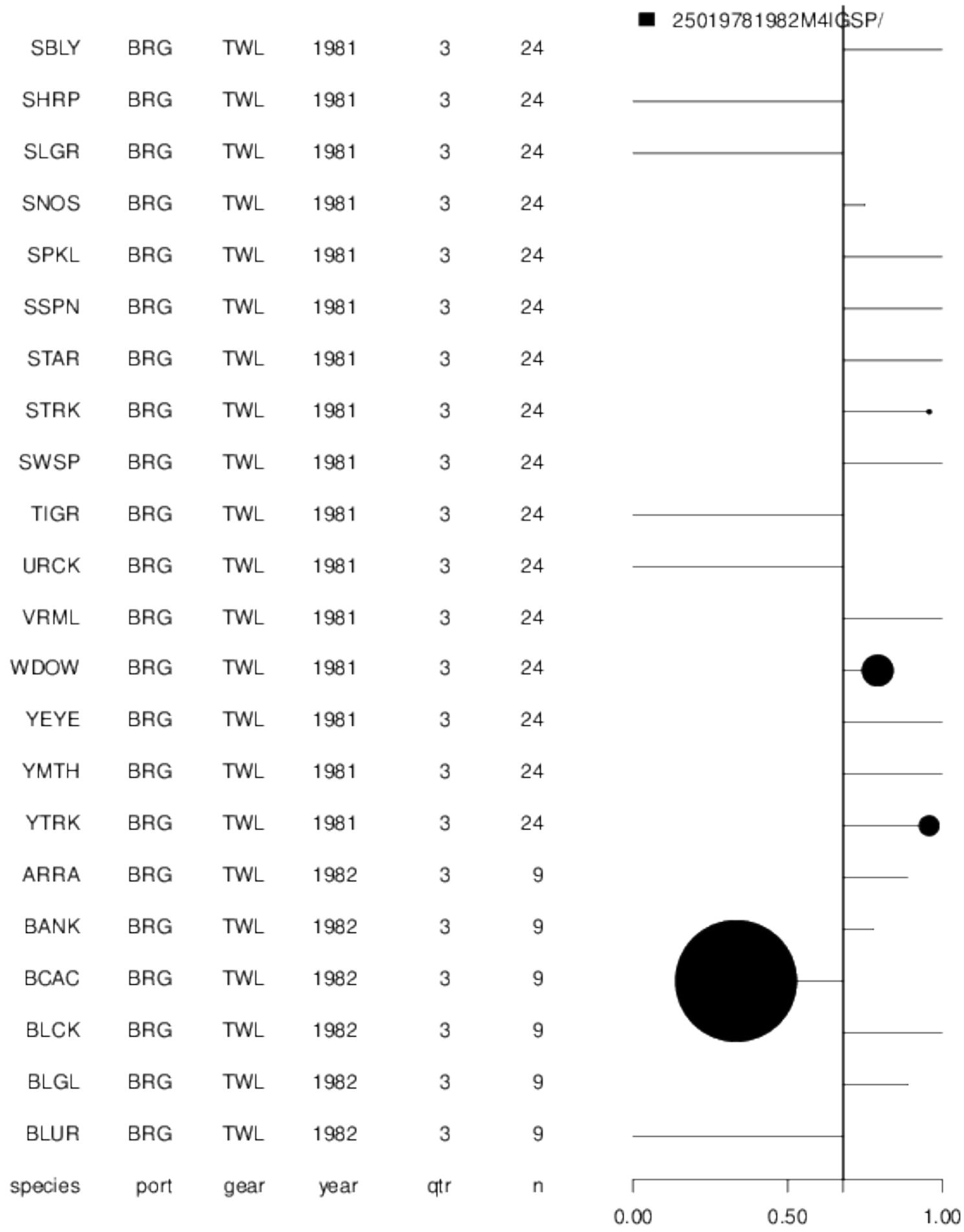


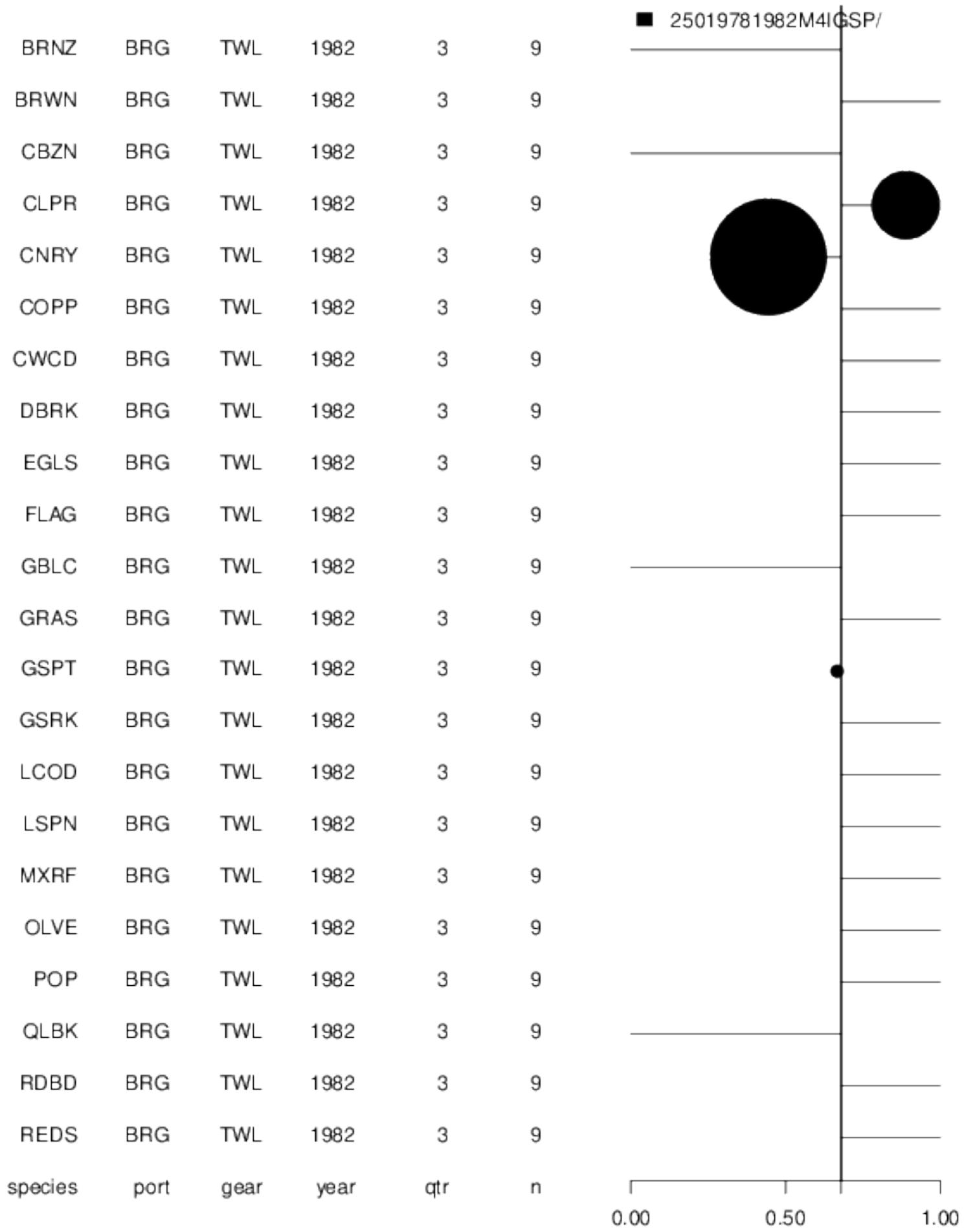


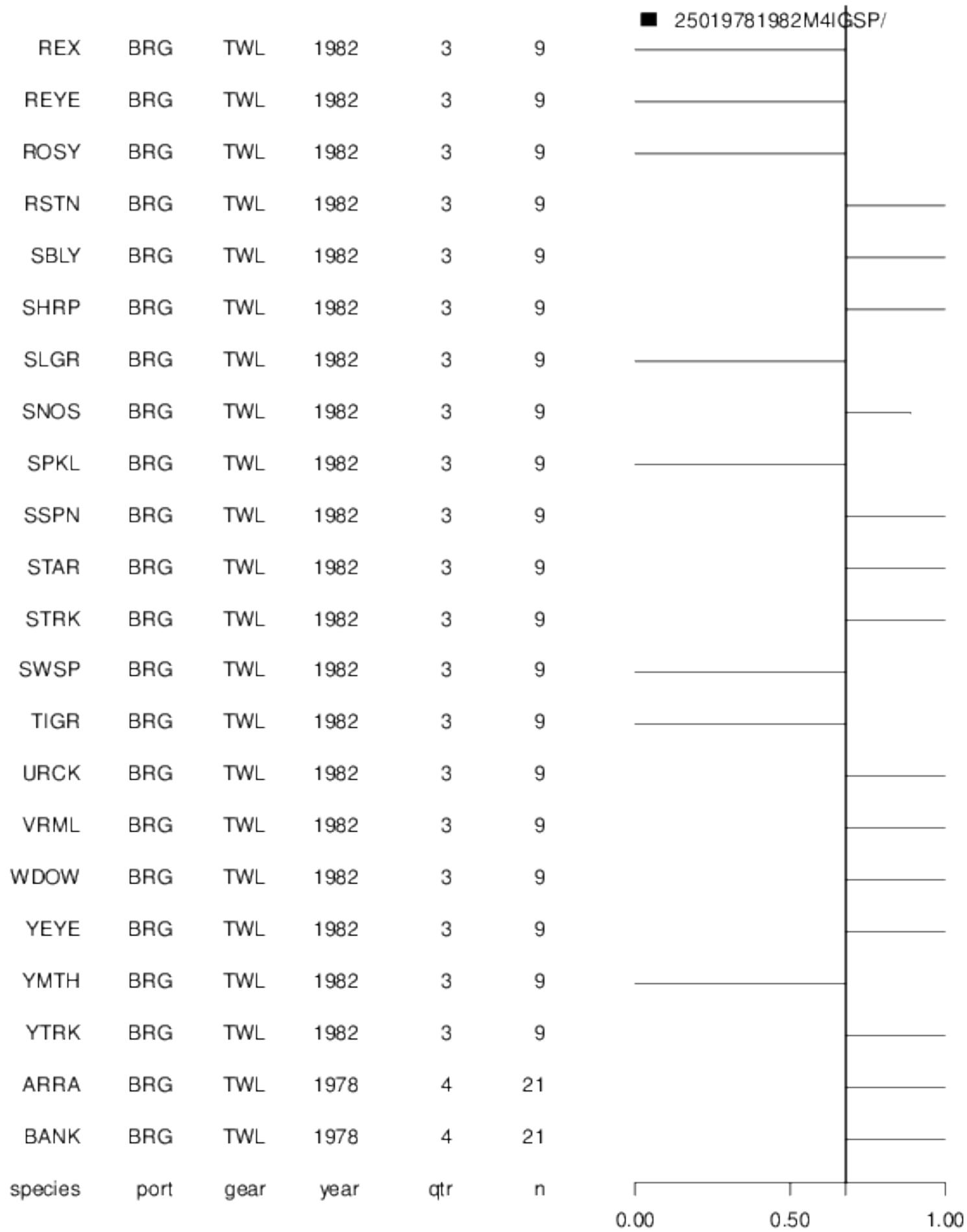




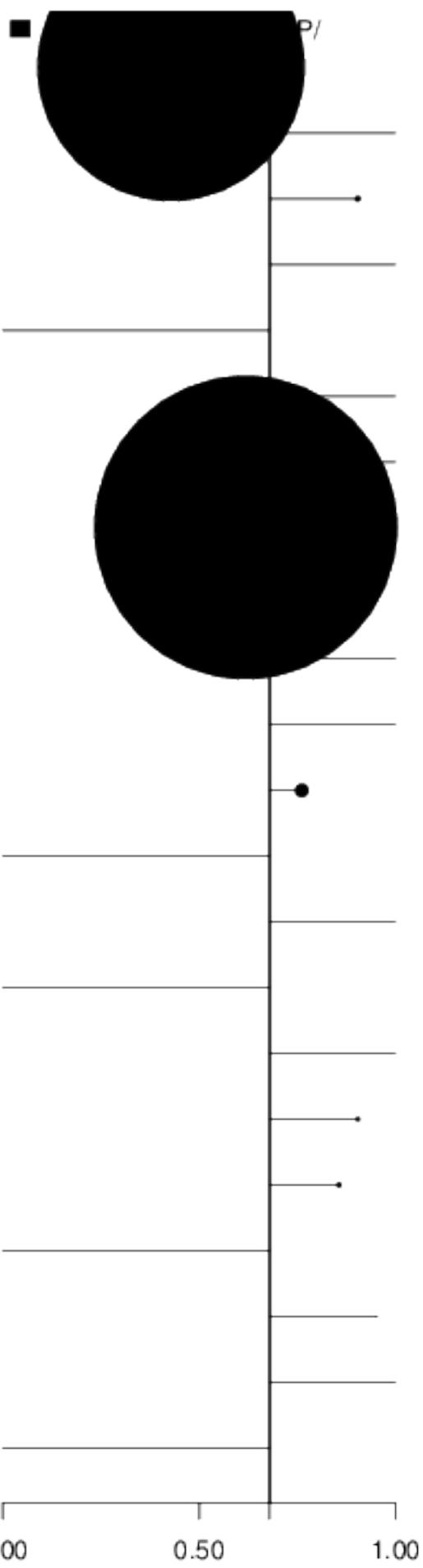


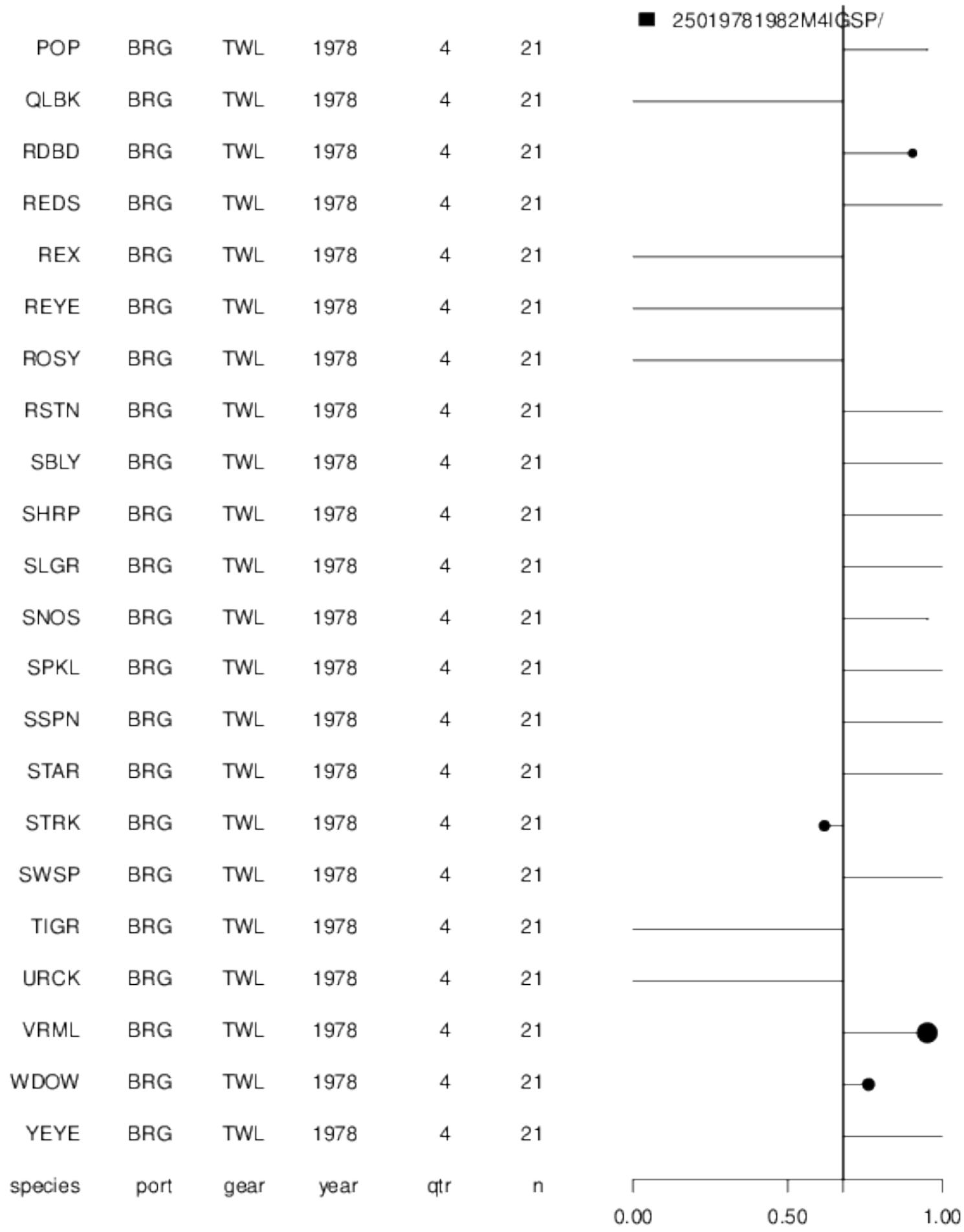


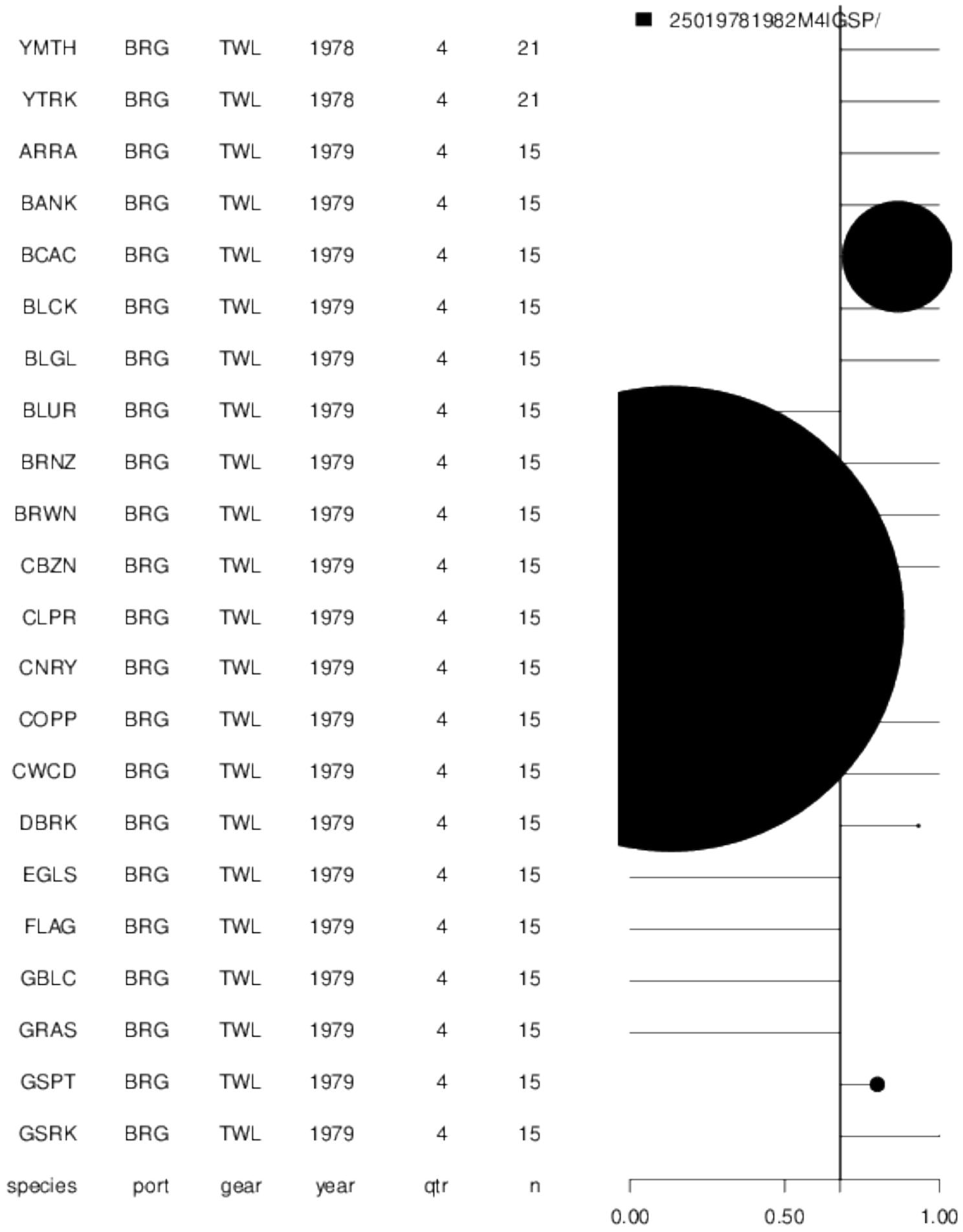


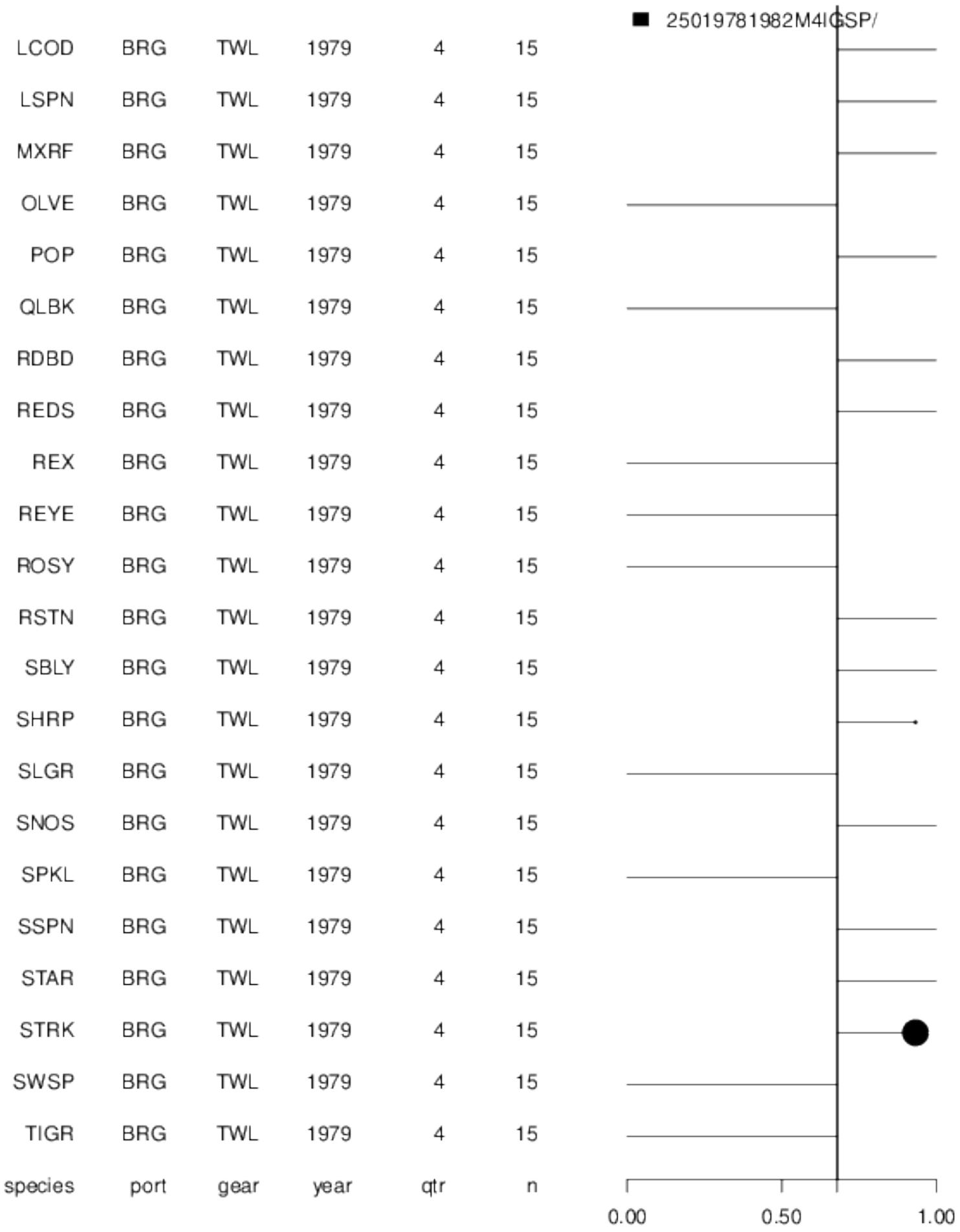


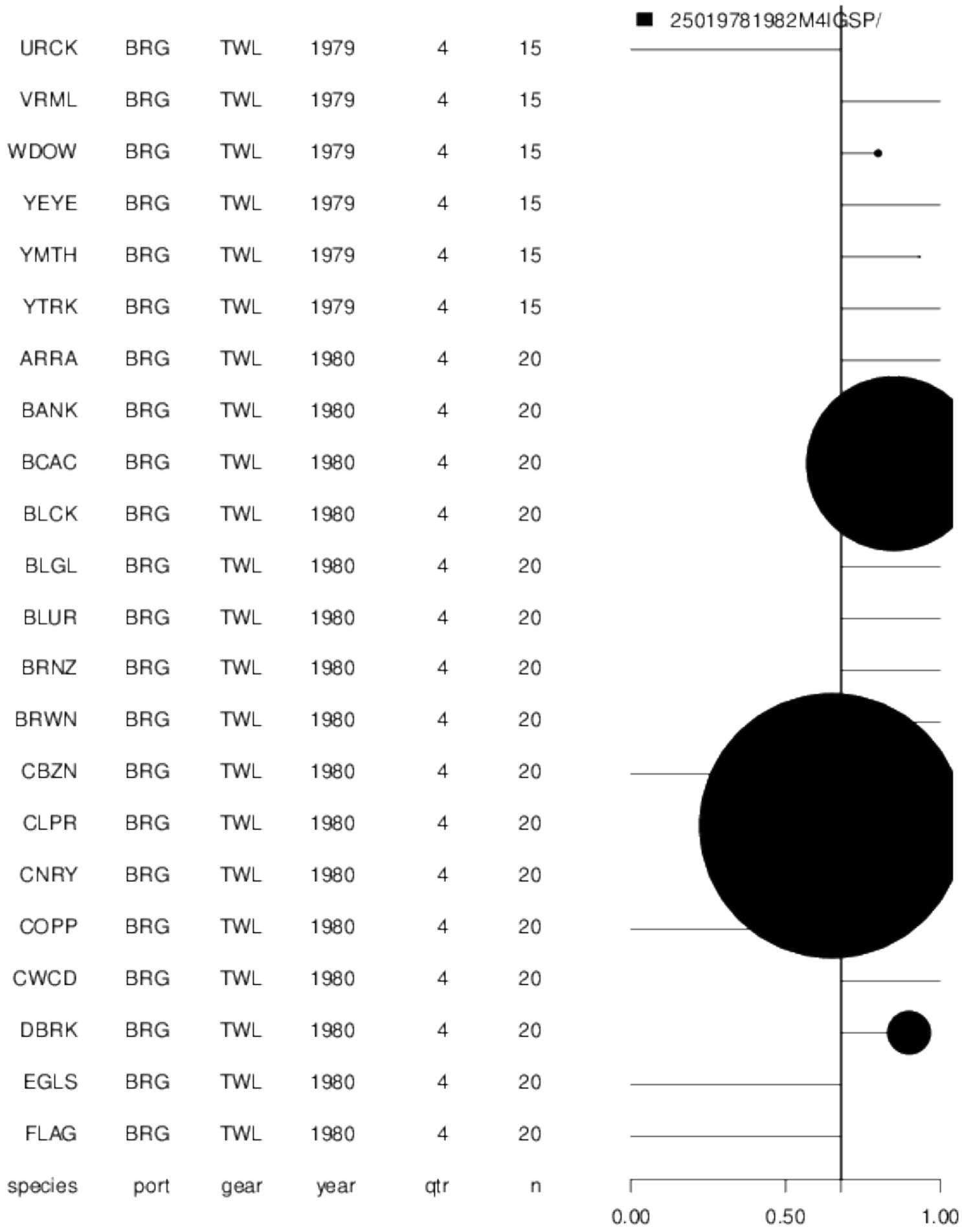
species	port	gear	year	qtr	n
BCAC	BRG	TWL	1978	4	21
BLCK	BRG	TWL	1978	4	21
BLGL	BRG	TWL	1978	4	21
BLUR	BRG	TWL	1978	4	21
BRNZ	BRG	TWL	1978	4	21
BRWN	BRG	TWL	1978	4	21
CBZN	BRG	TWL	1978	4	21
CLPR	BRG	TWL	1978	4	21
CNRY	BRG	TWL	1978	4	21
COPP	BRG	TWL	1978	4	21
CWCD	BRG	TWL	1978	4	21
DBRK	BRG	TWL	1978	4	21
EGLS	BRG	TWL	1978	4	21
FLAG	BRG	TWL	1978	4	21
GBLC	BRG	TWL	1978	4	21
GRAS	BRG	TWL	1978	4	21
GSPT	BRG	TWL	1978	4	21
GSRK	BRG	TWL	1978	4	21
LCOD	BRG	TWL	1978	4	21
LSPN	BRG	TWL	1978	4	21
MXRF	BRG	TWL	1978	4	21
OLVE	BRG	TWL	1978	4	21

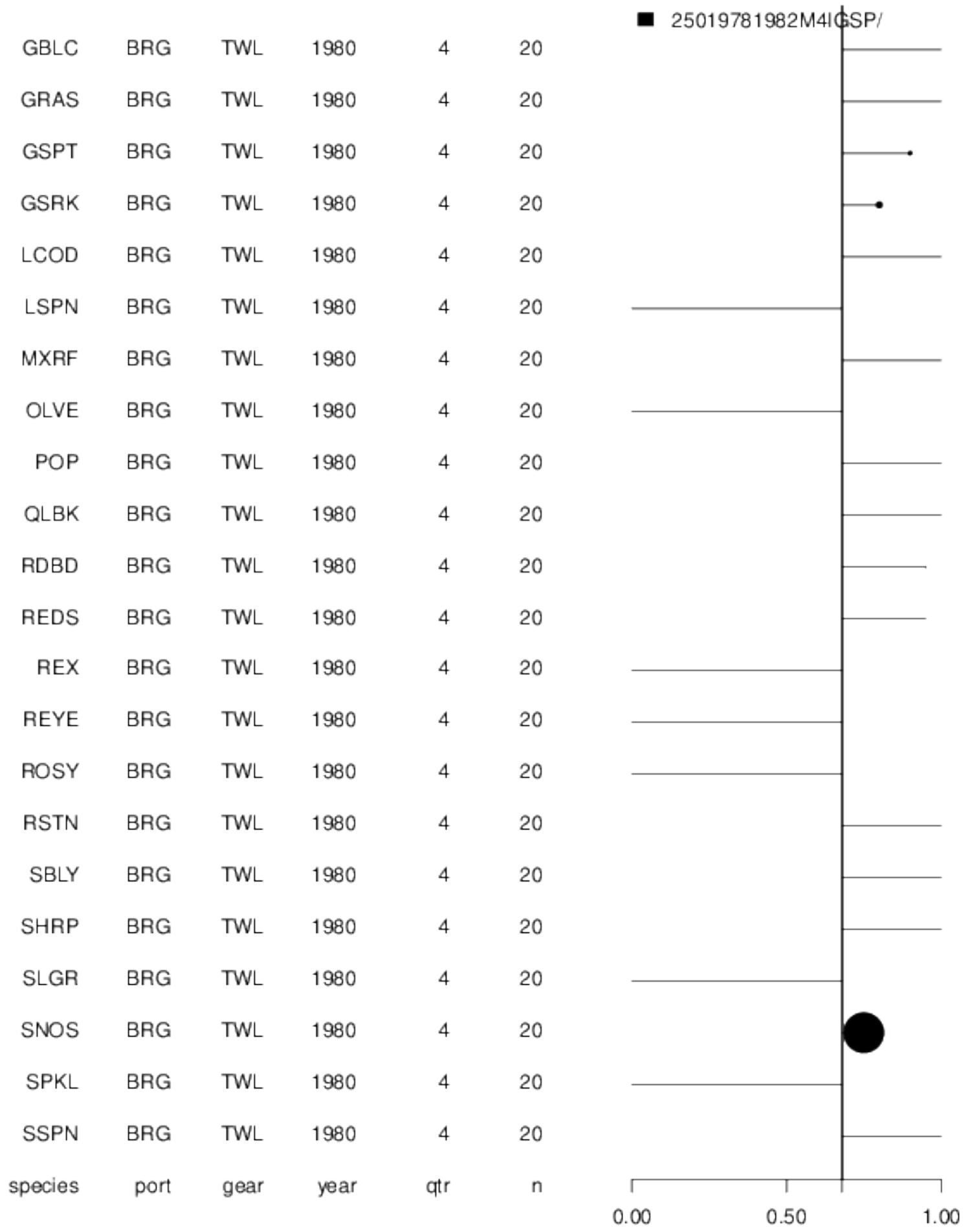


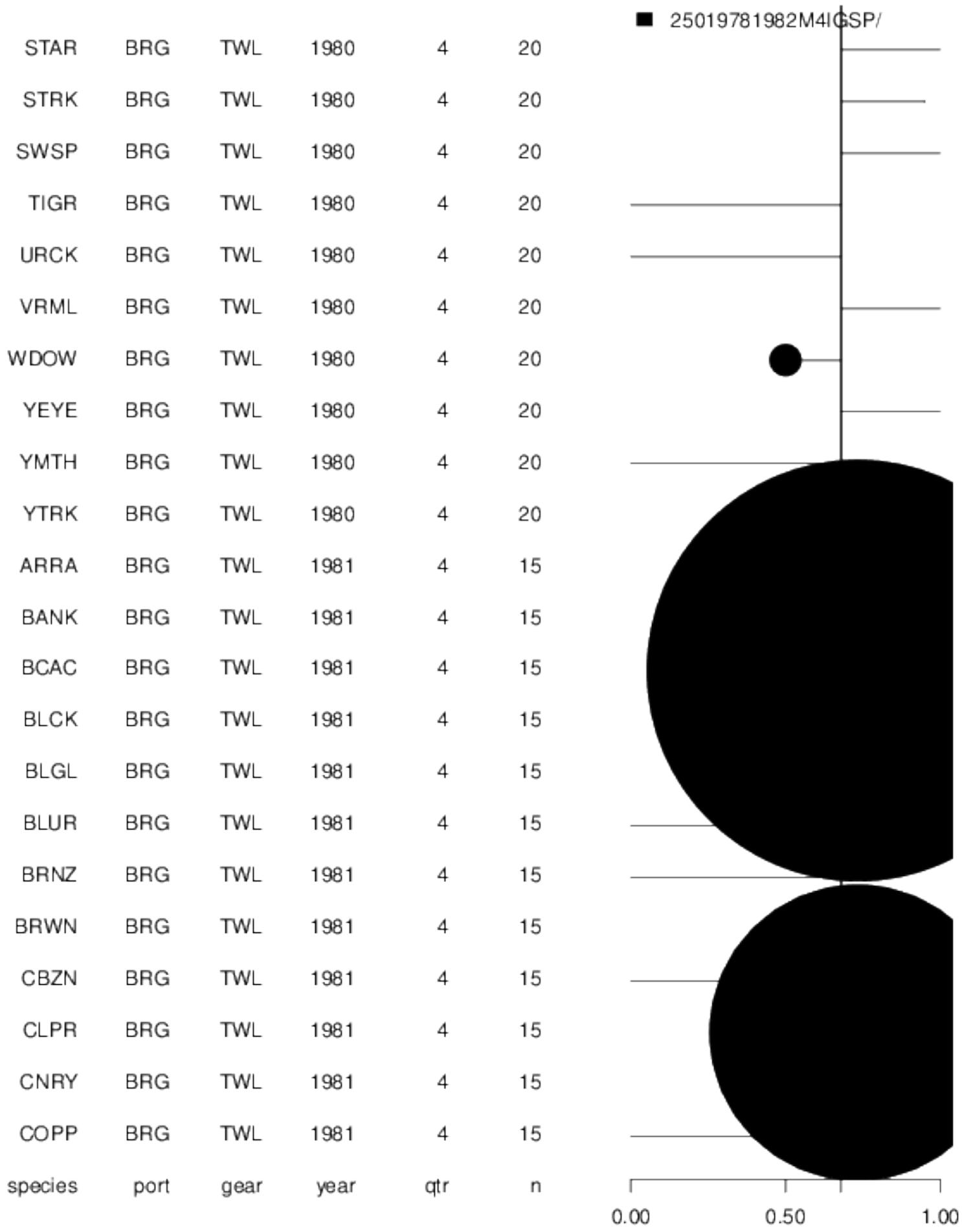


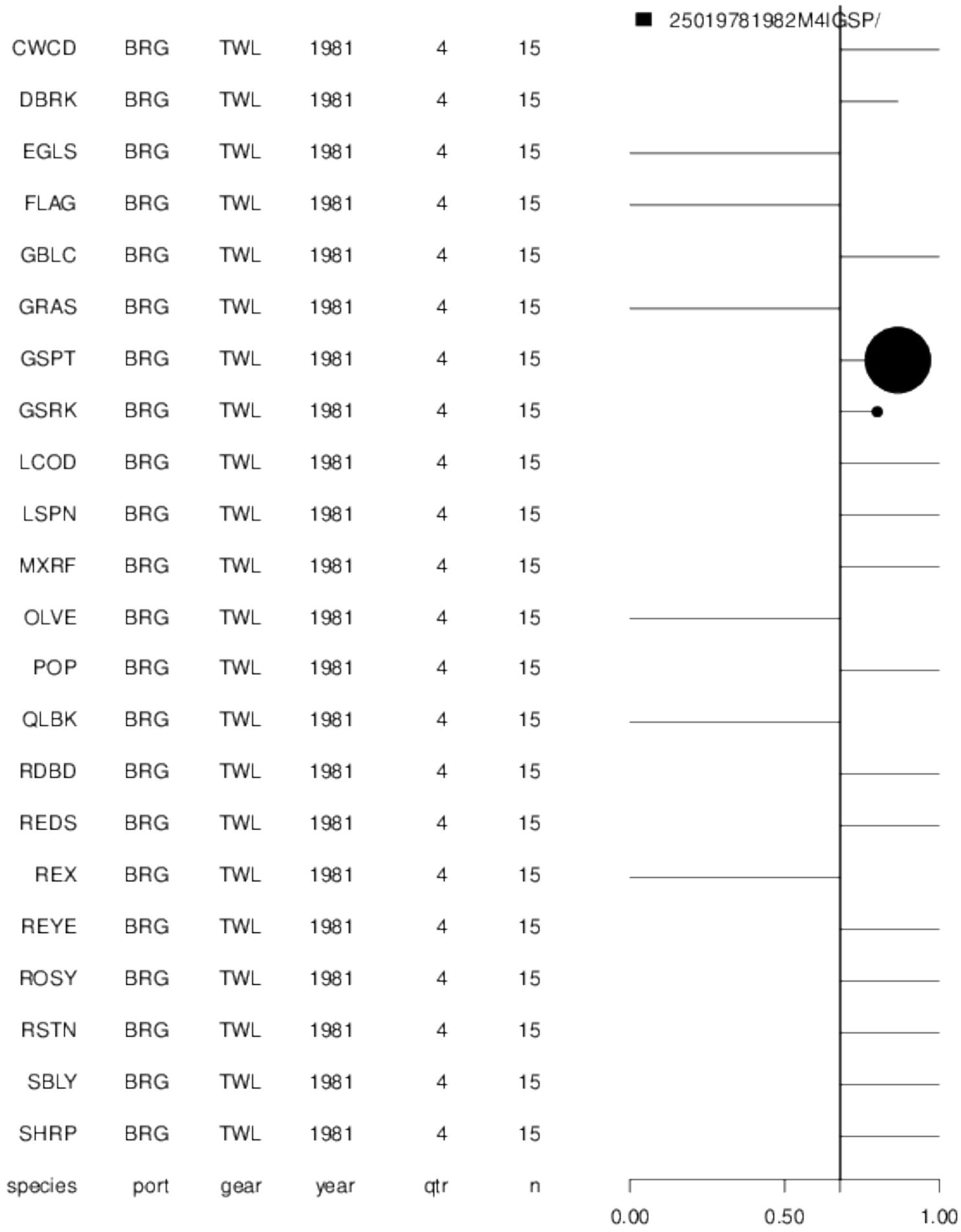


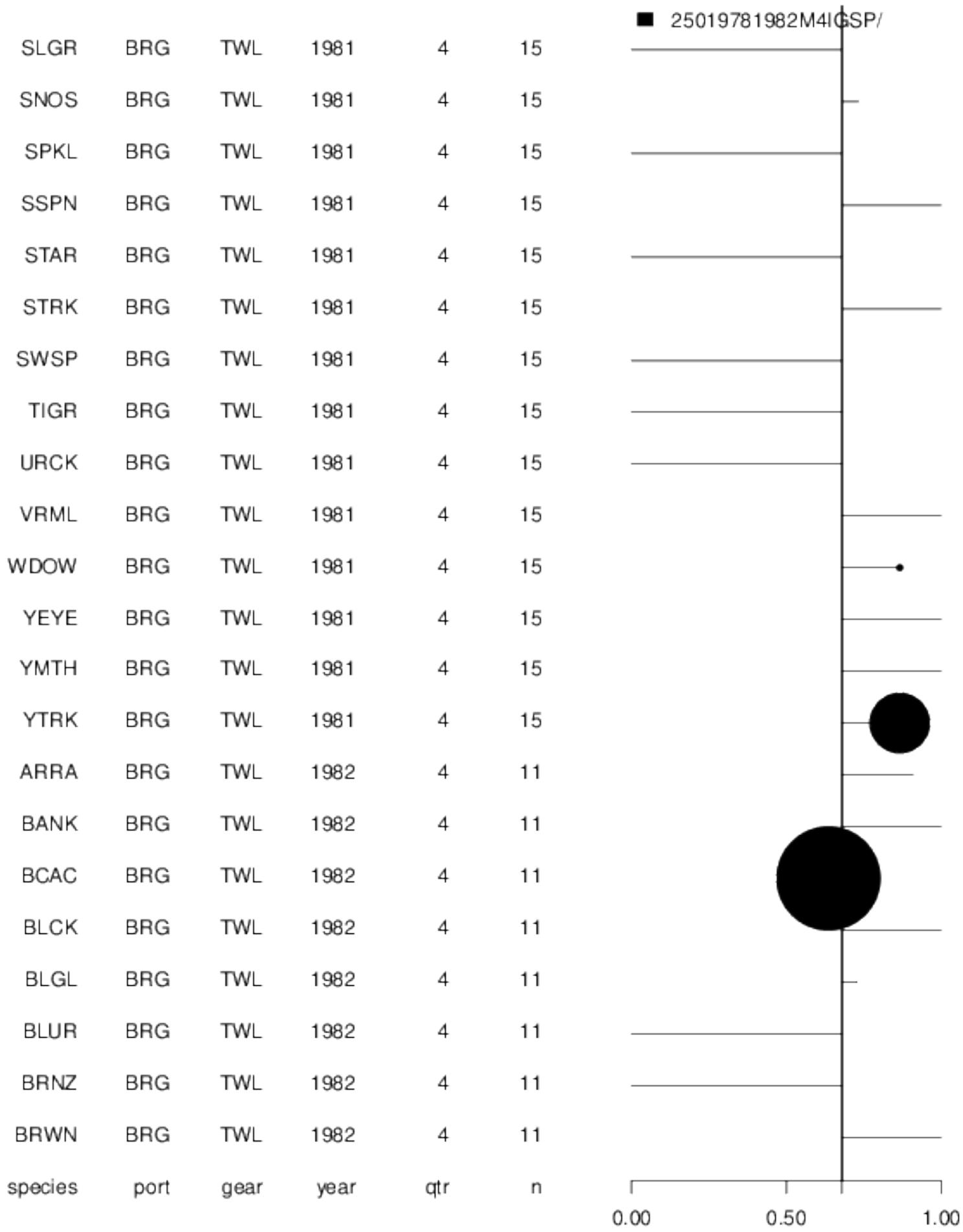


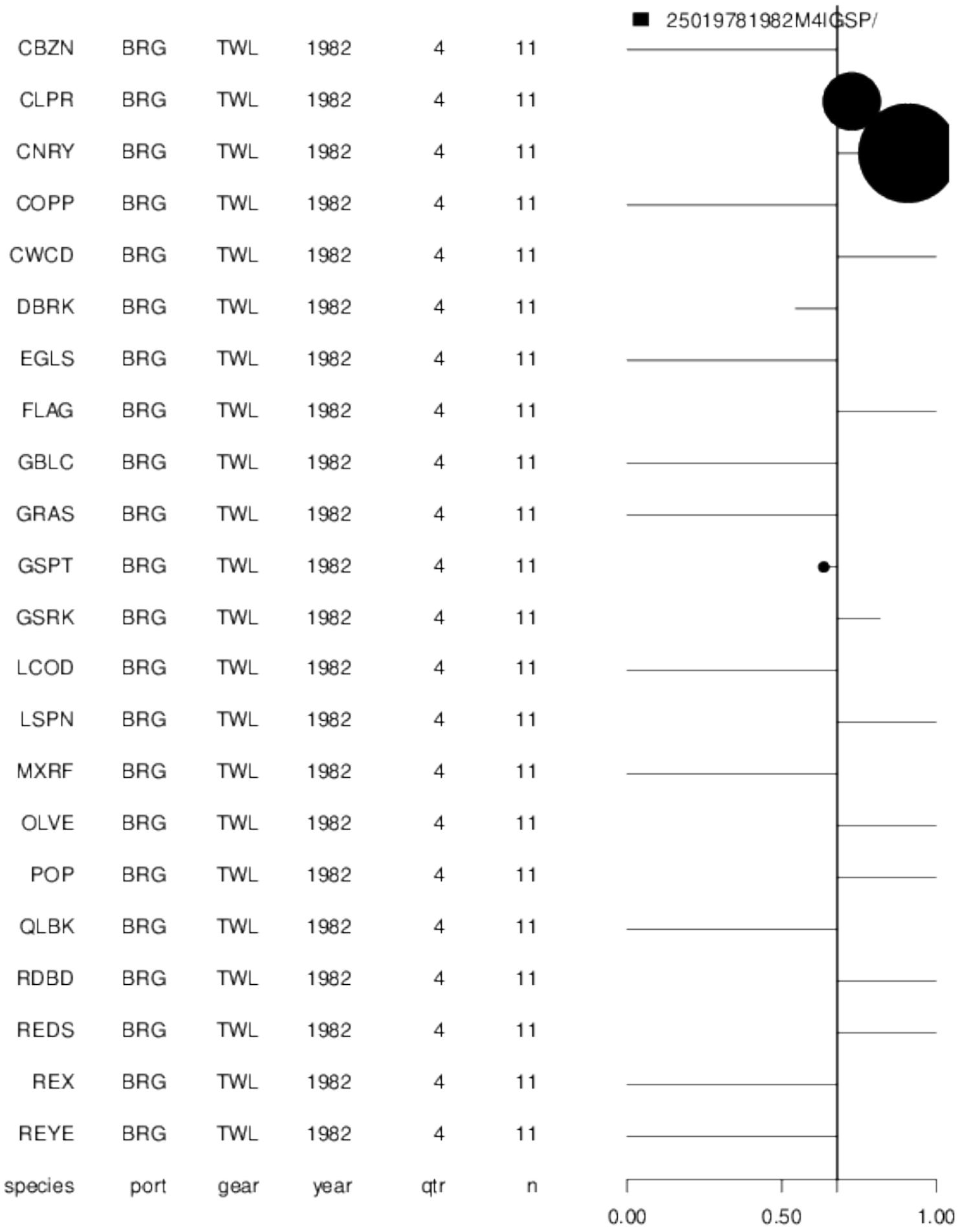


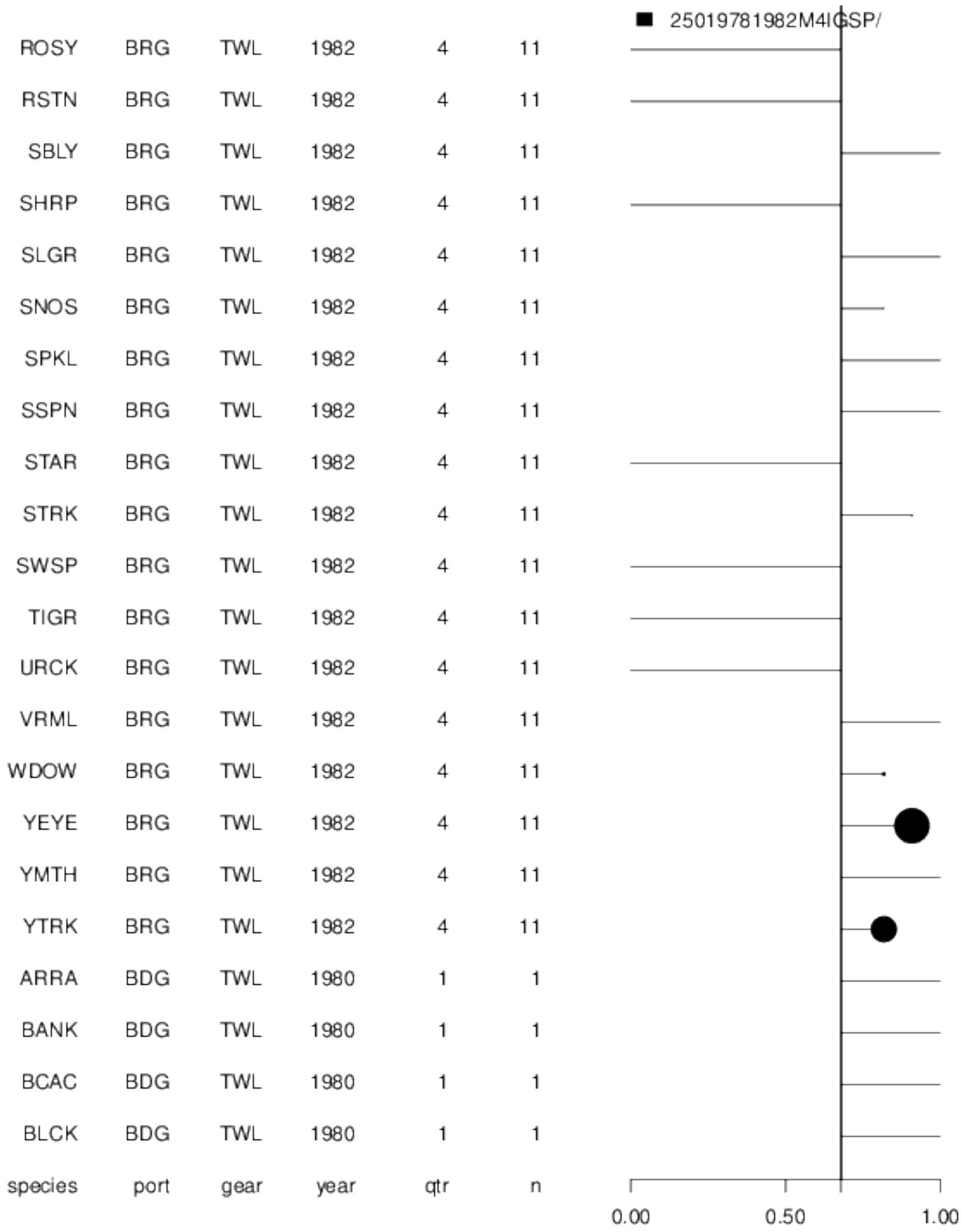


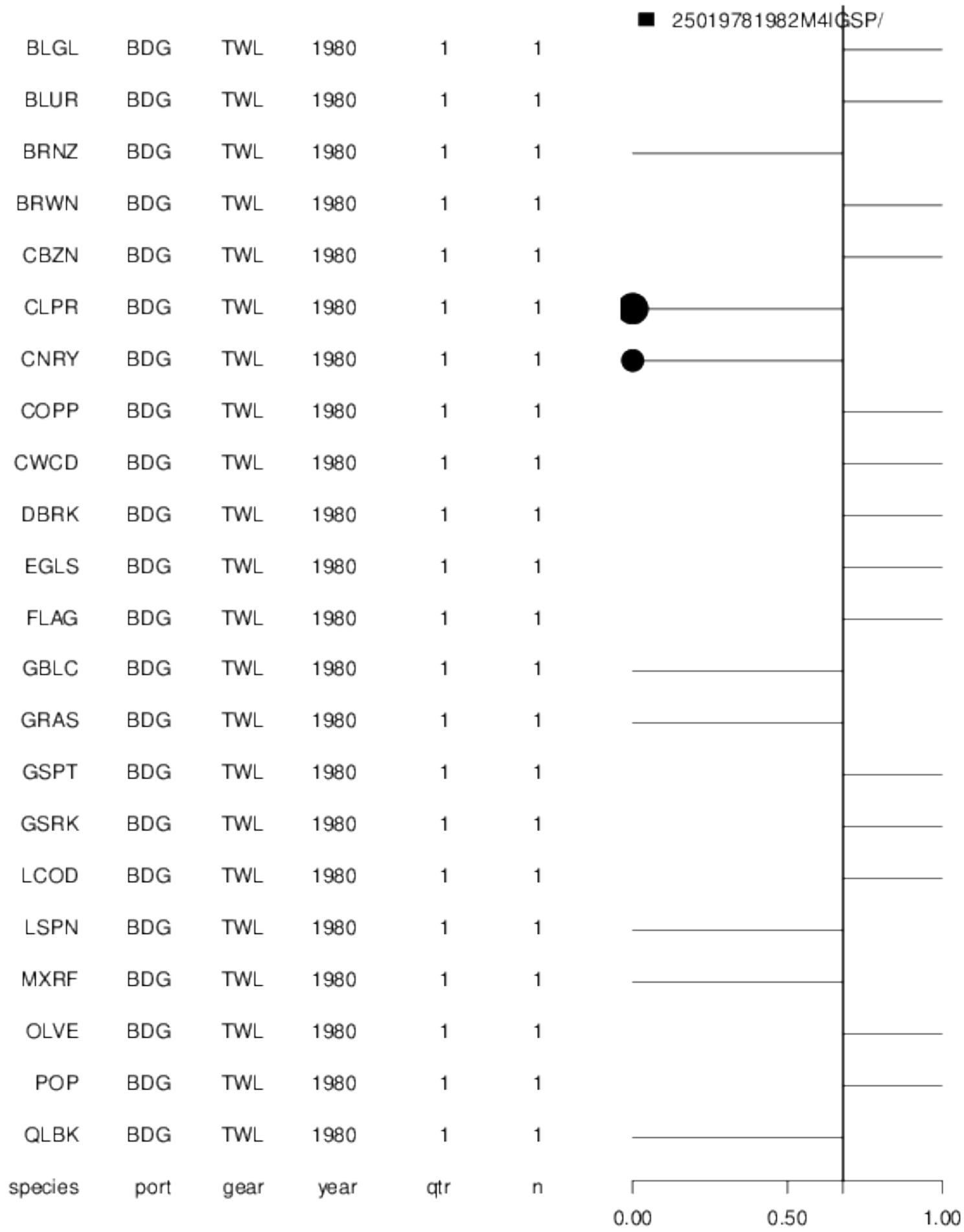


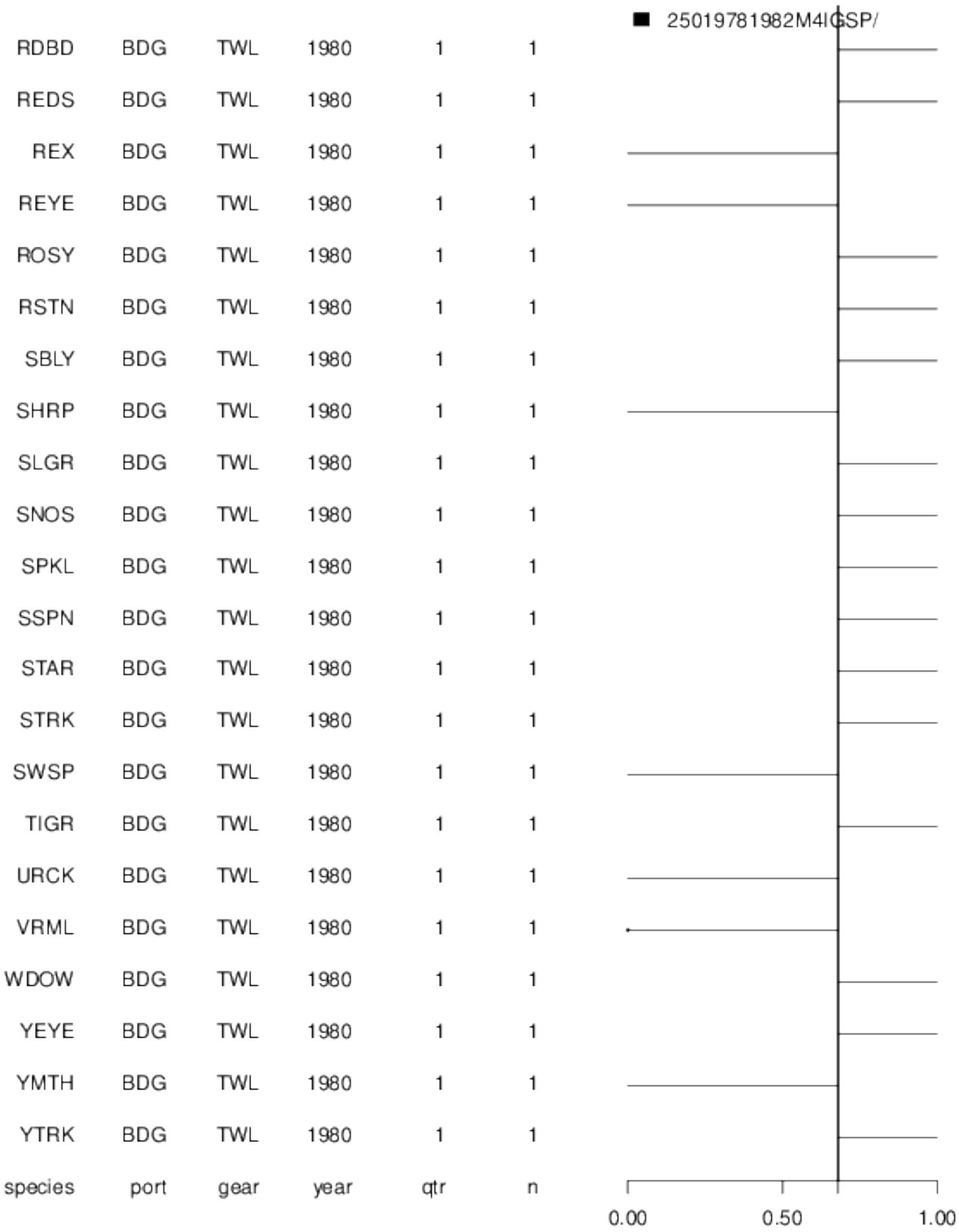




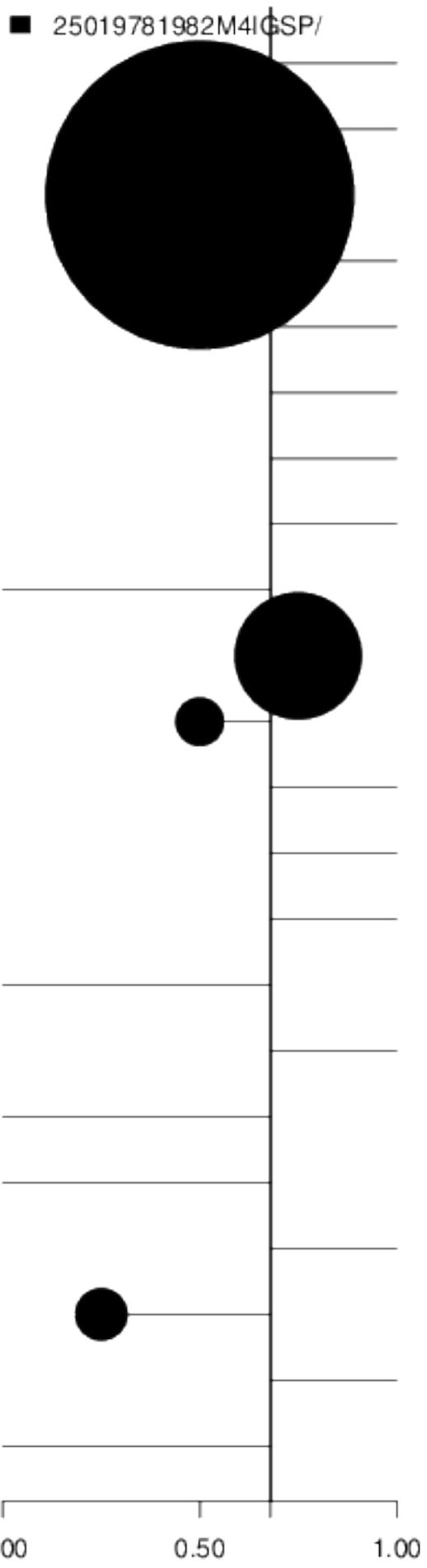


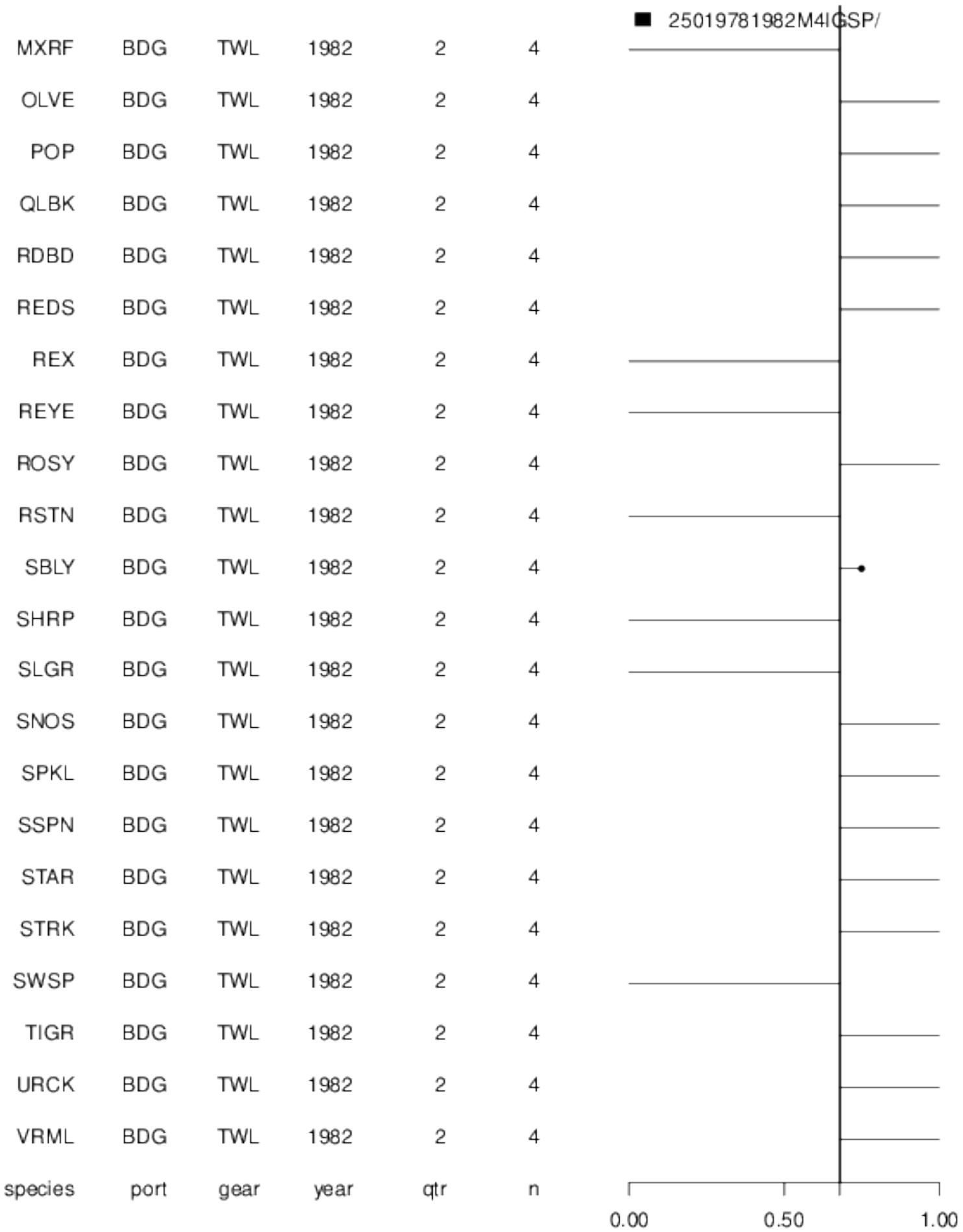


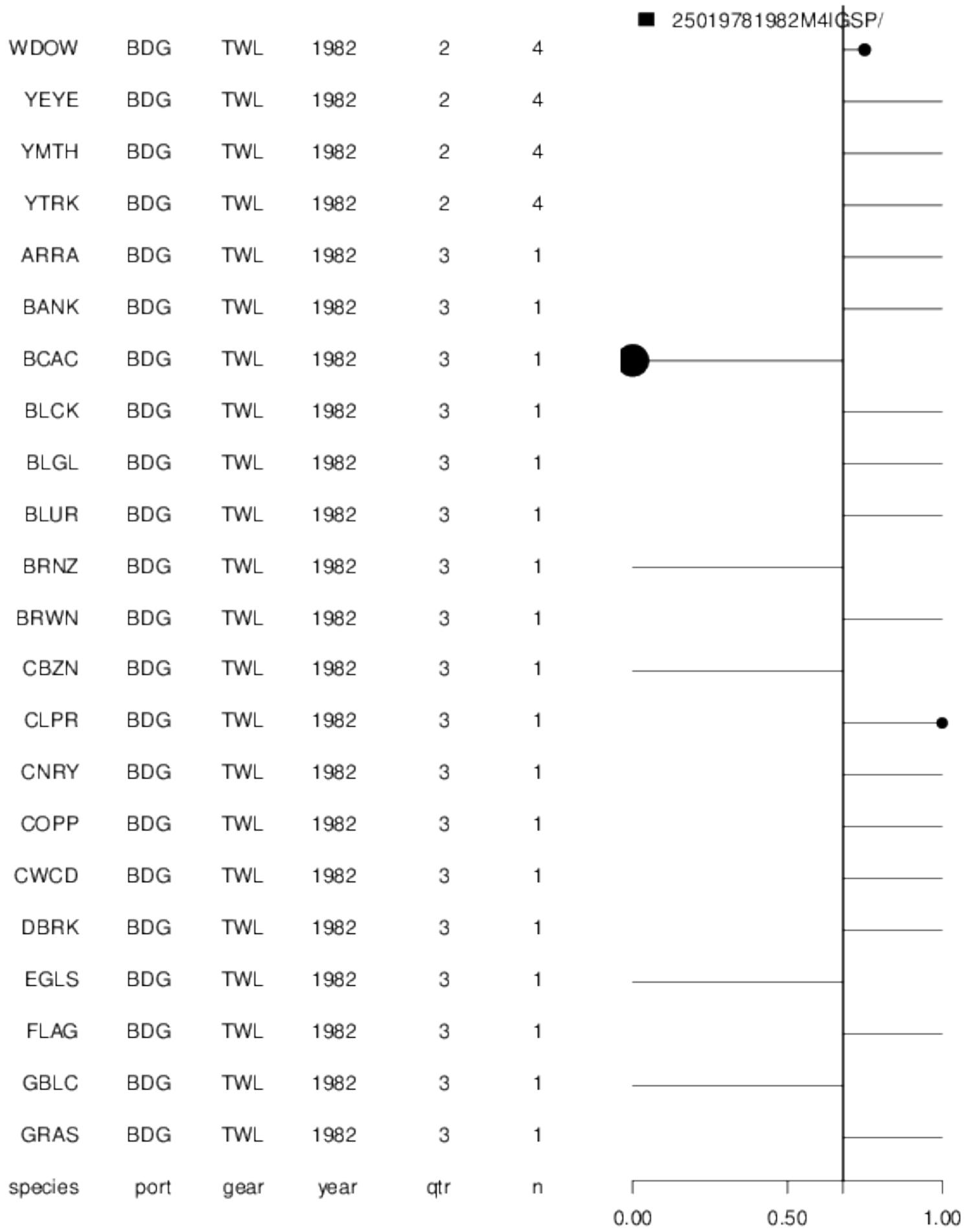


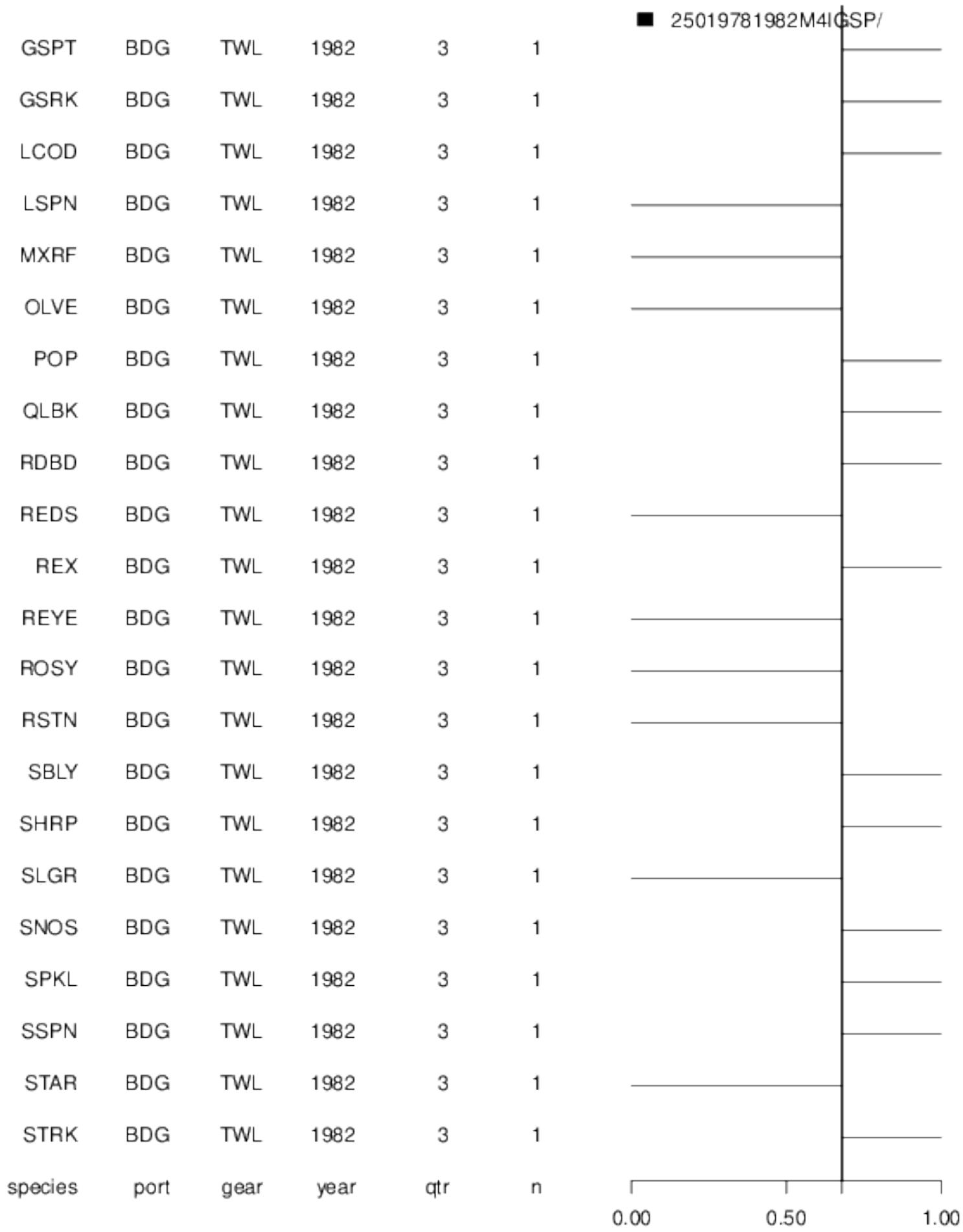


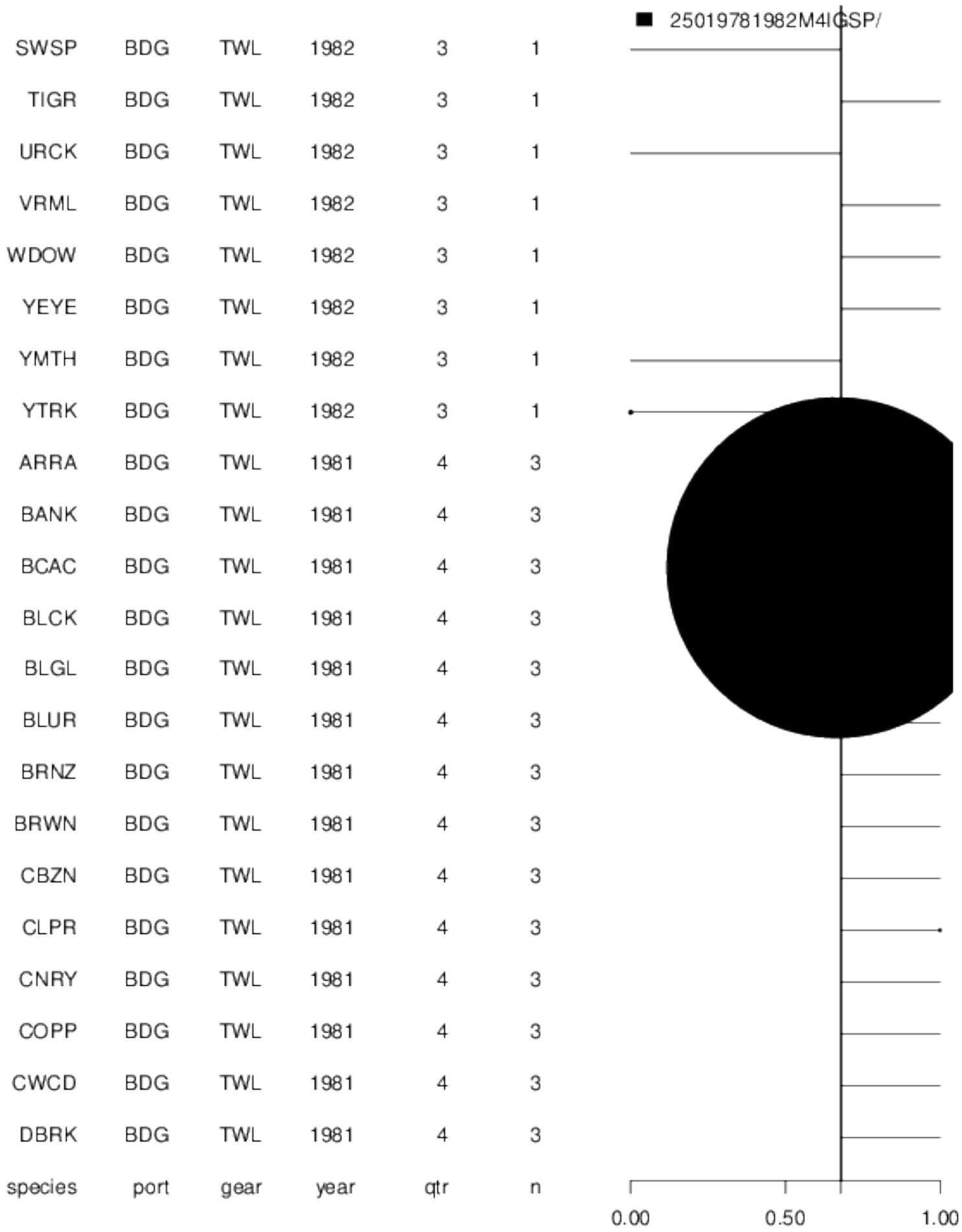
species	port	gear	year	qtr	n
ARRA	BDG	TWL	1982	2	4
BANK	BDG	TWL	1982	2	4
BCAC	BDG	TWL	1982	2	4
BLCK	BDG	TWL	1982	2	4
BLGL	BDG	TWL	1982	2	4
BLUR	BDG	TWL	1982	2	4
BRNZ	BDG	TWL	1982	2	4
BRWN	BDG	TWL	1982	2	4
CBZN	BDG	TWL	1982	2	4
CLPR	BDG	TWL	1982	2	4
CNRY	BDG	TWL	1982	2	4
COPP	BDG	TWL	1982	2	4
CWCD	BDG	TWL	1982	2	4
DBRK	BDG	TWL	1982	2	4
EGLS	BDG	TWL	1982	2	4
FLAG	BDG	TWL	1982	2	4
GBLC	BDG	TWL	1982	2	4
GRAS	BDG	TWL	1982	2	4
GSPT	BDG	TWL	1982	2	4
GSRK	BDG	TWL	1982	2	4
LCOD	BDG	TWL	1982	2	4
LSPN	BDG	TWL	1982	2	4

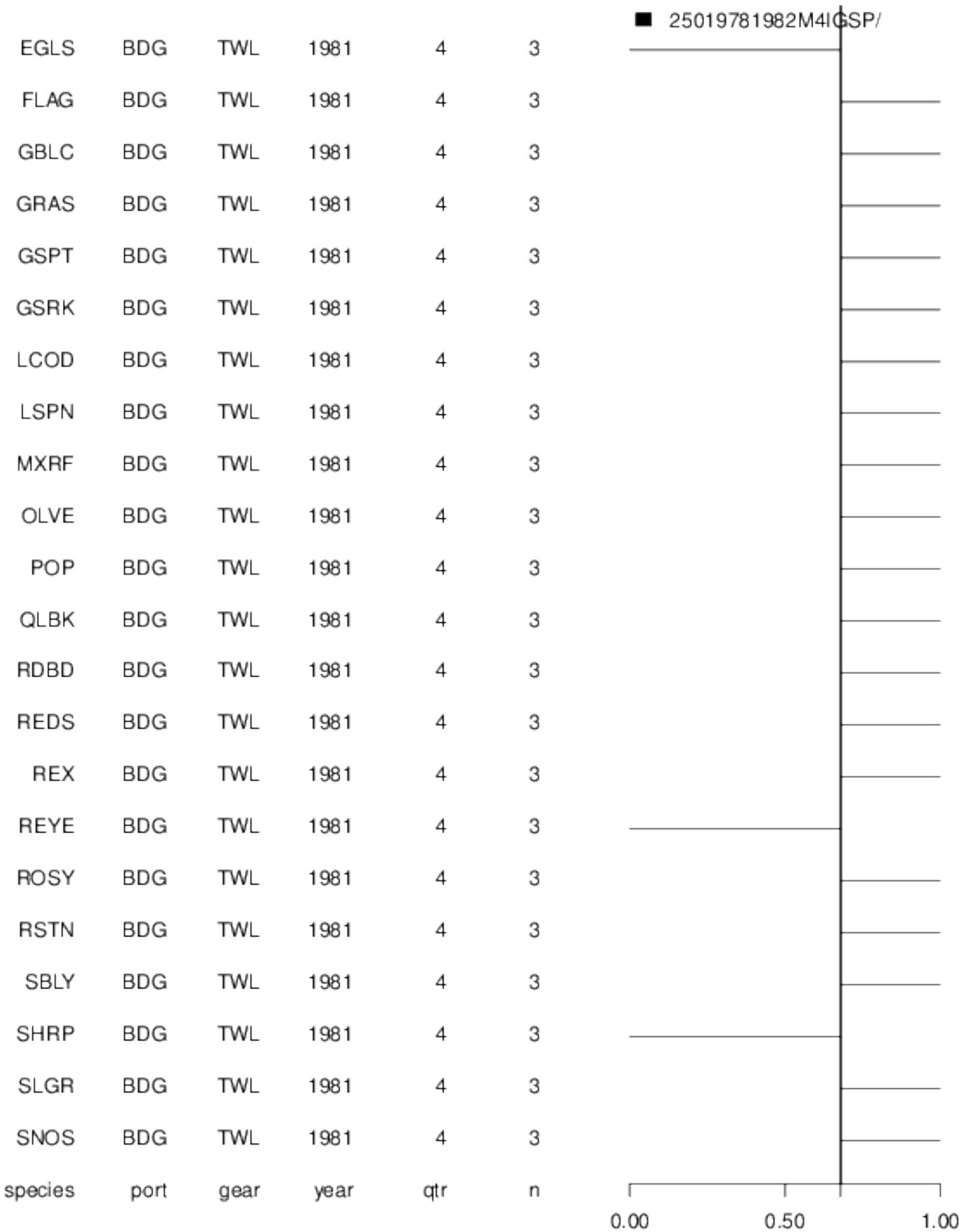


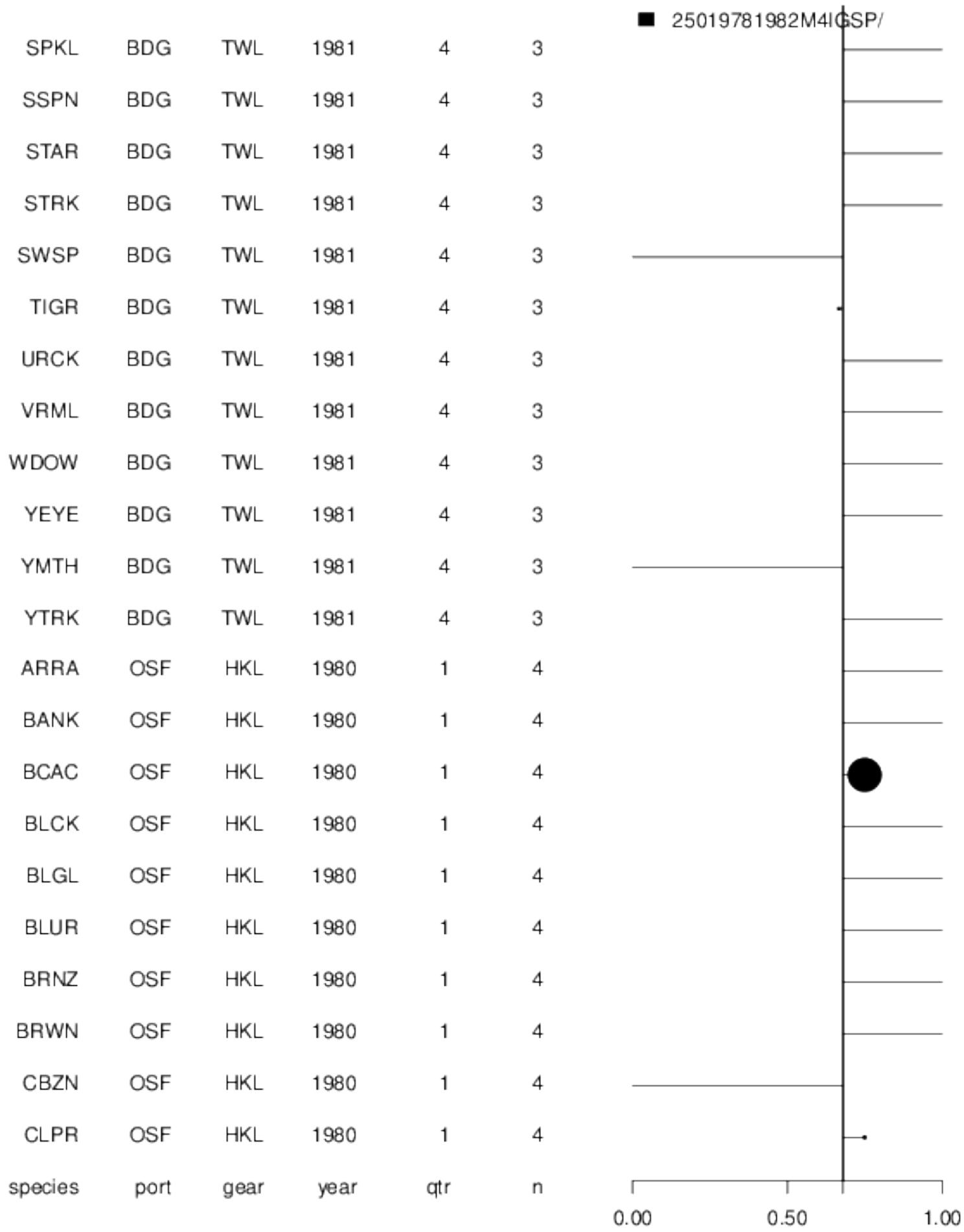


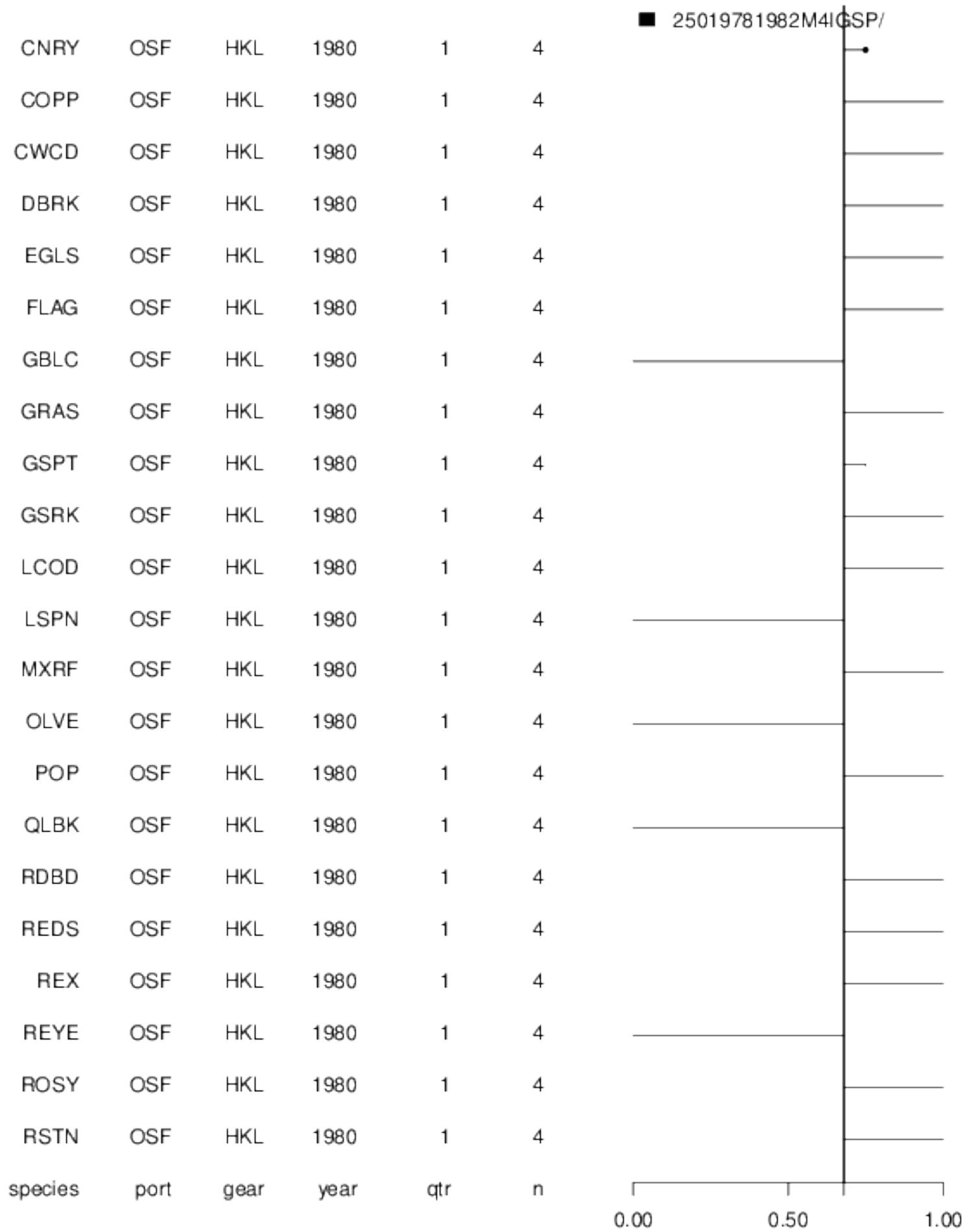


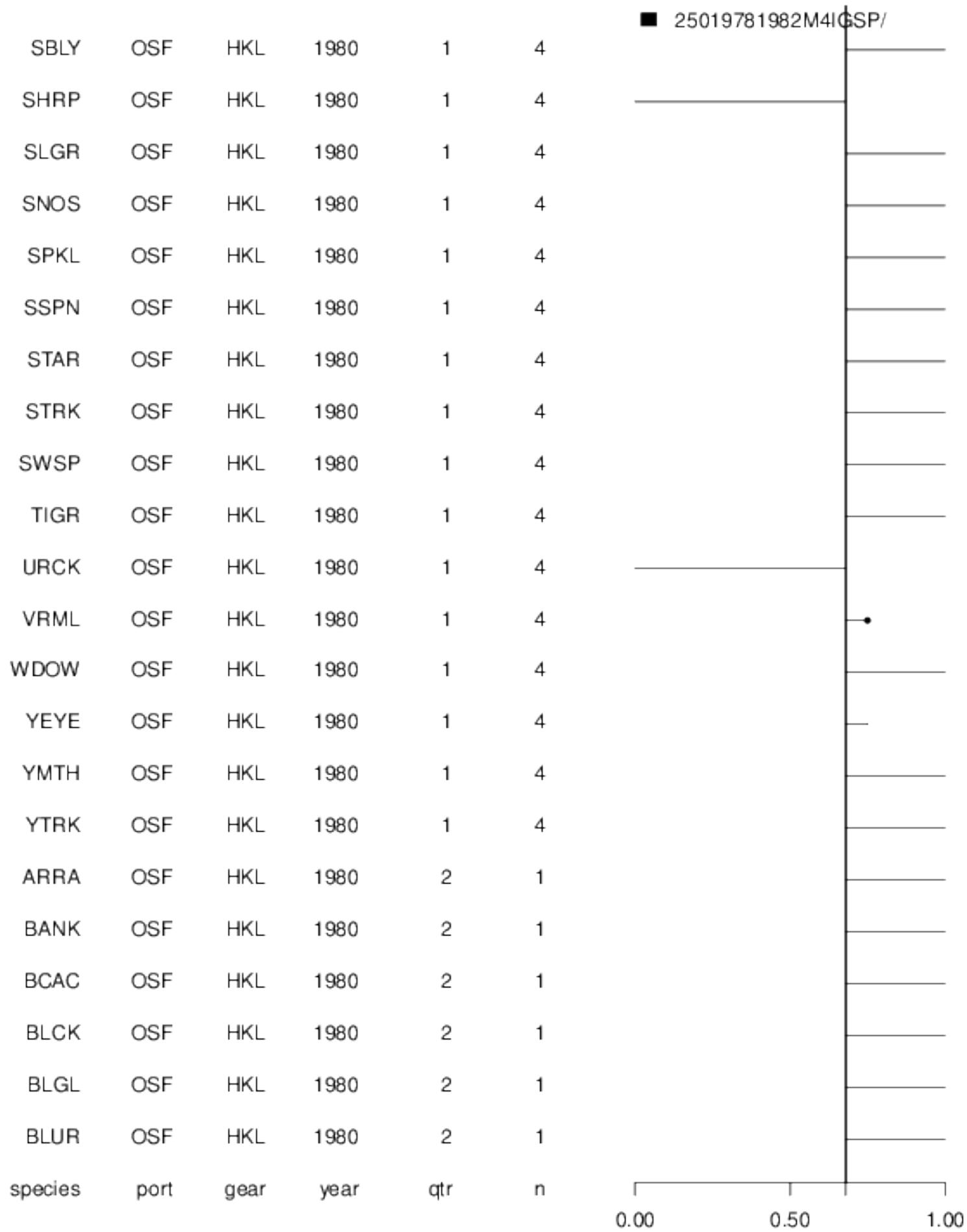


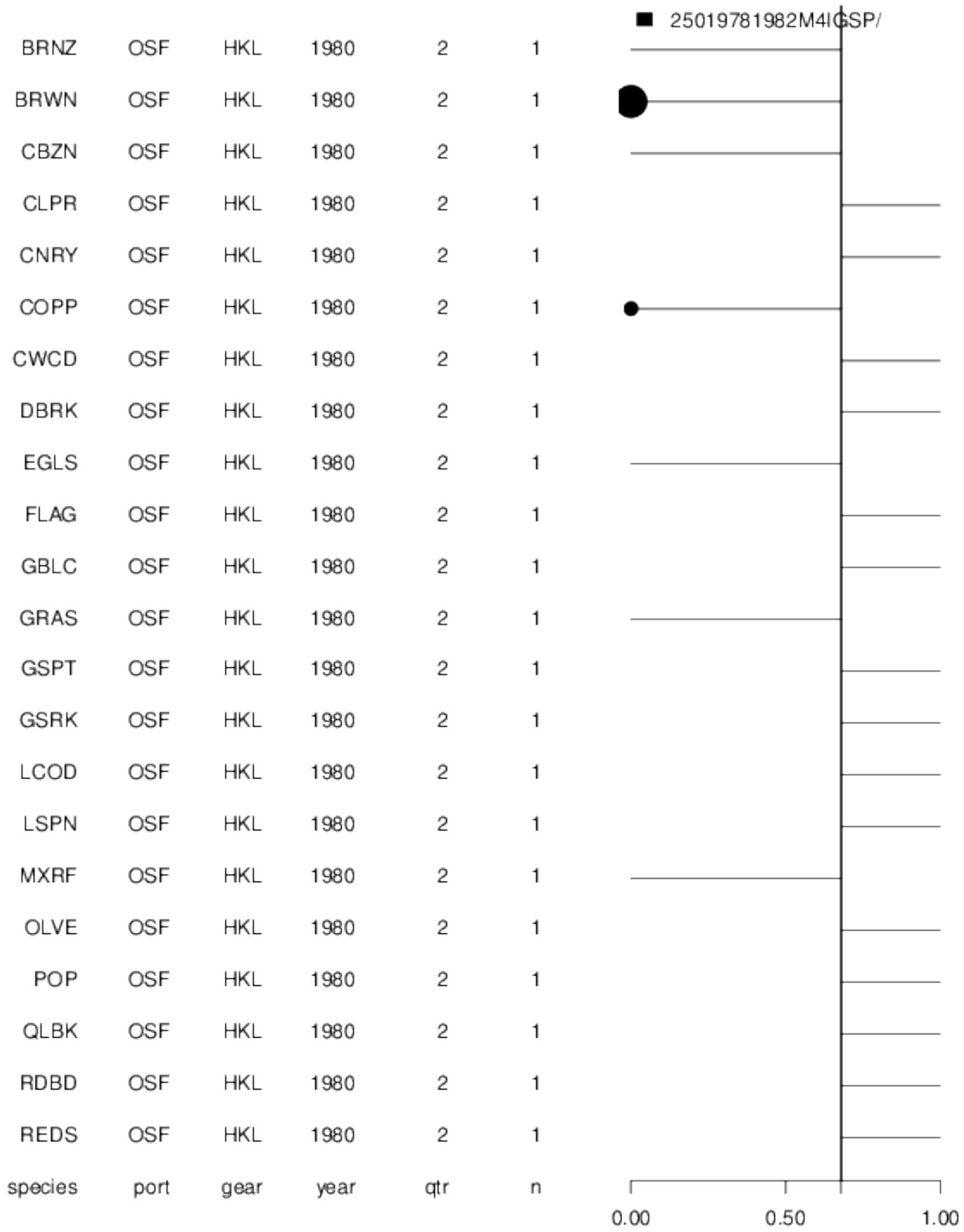


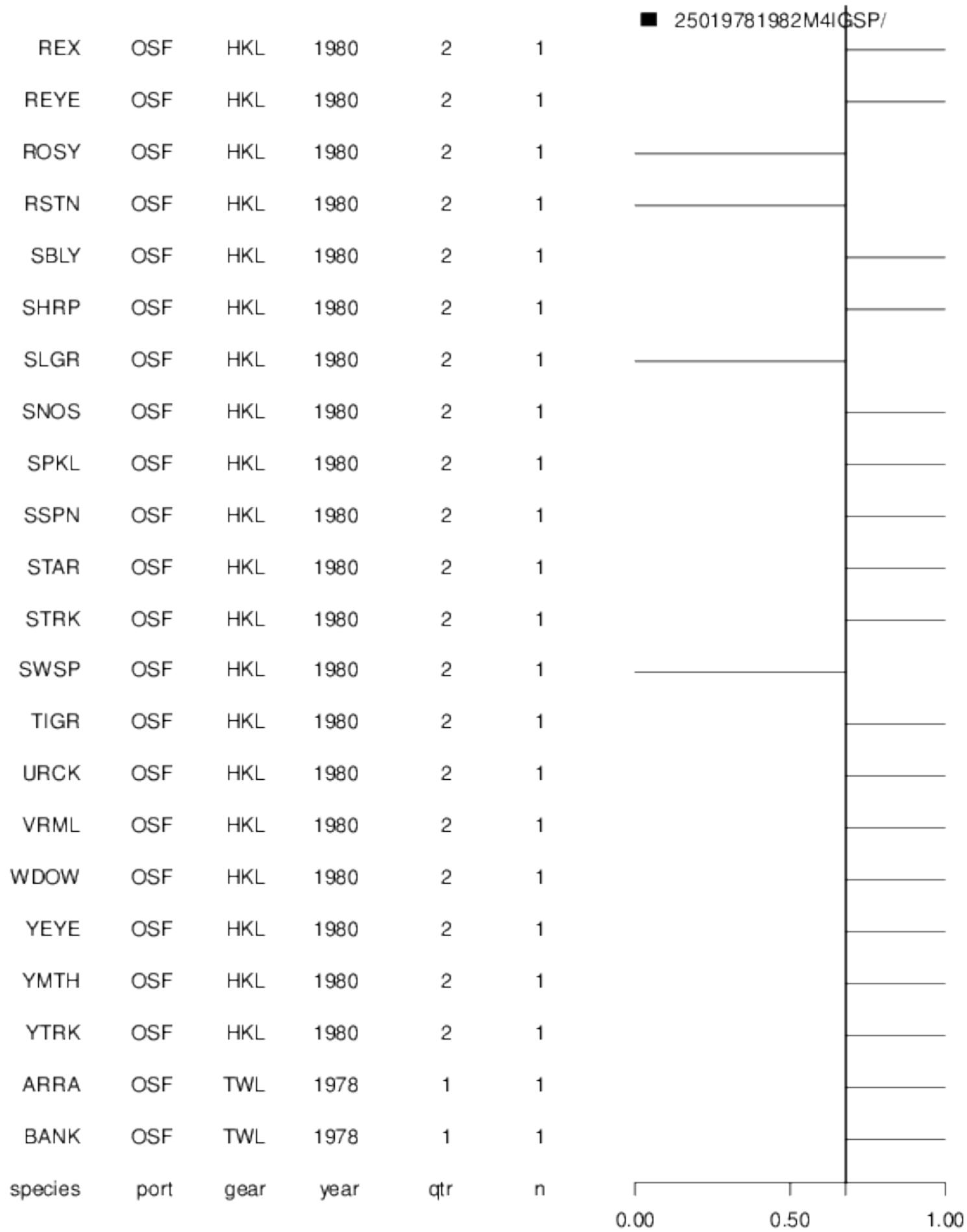


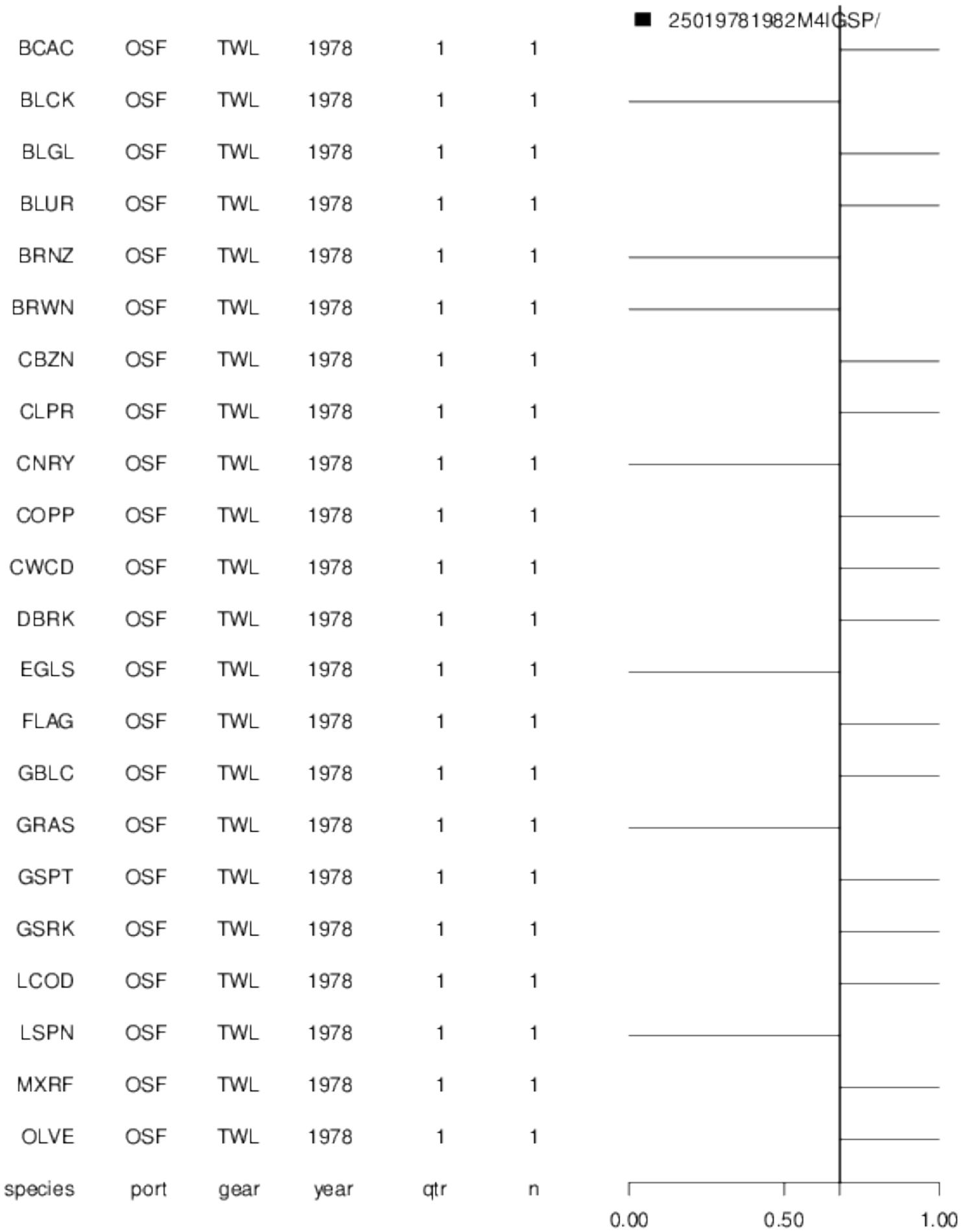


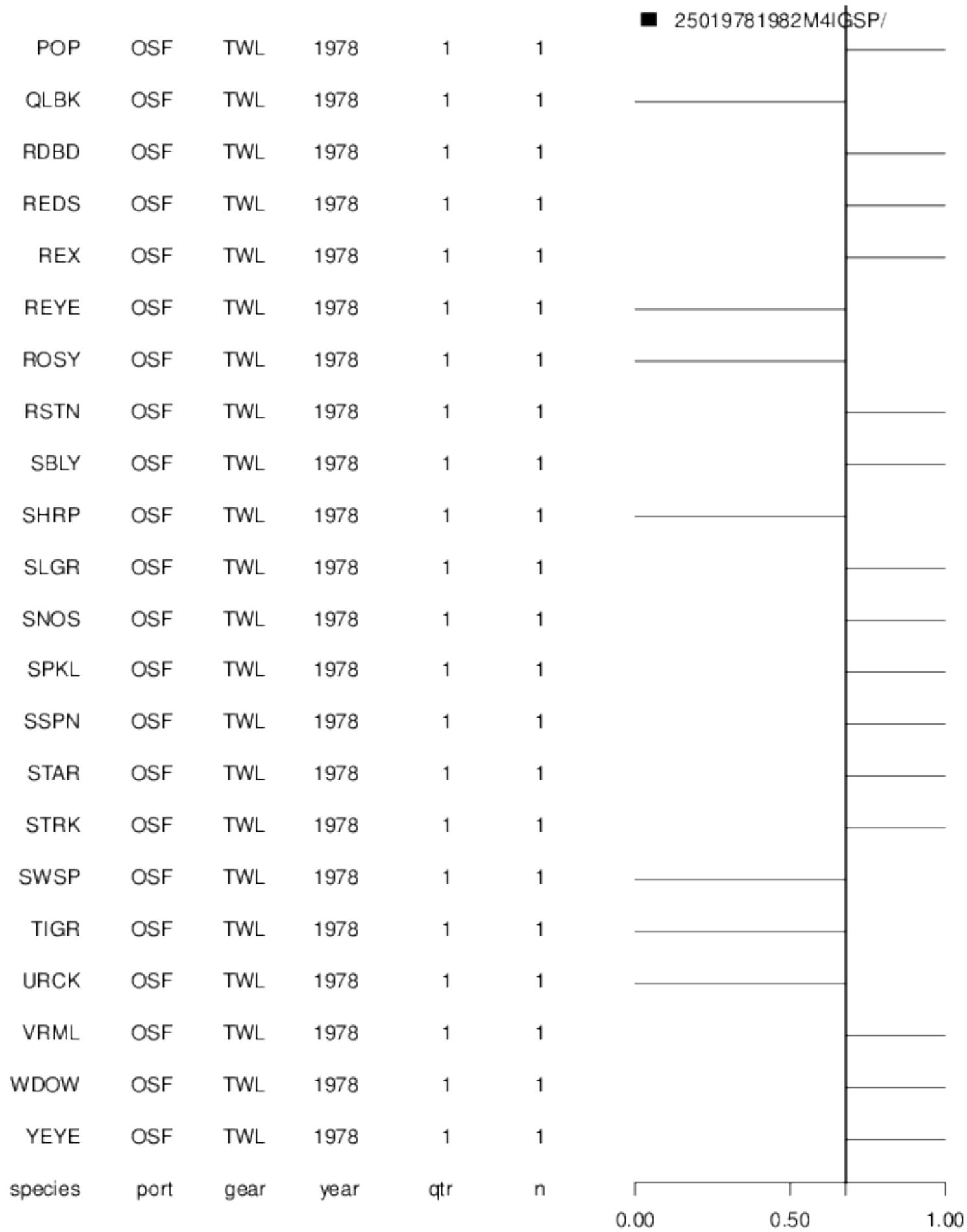




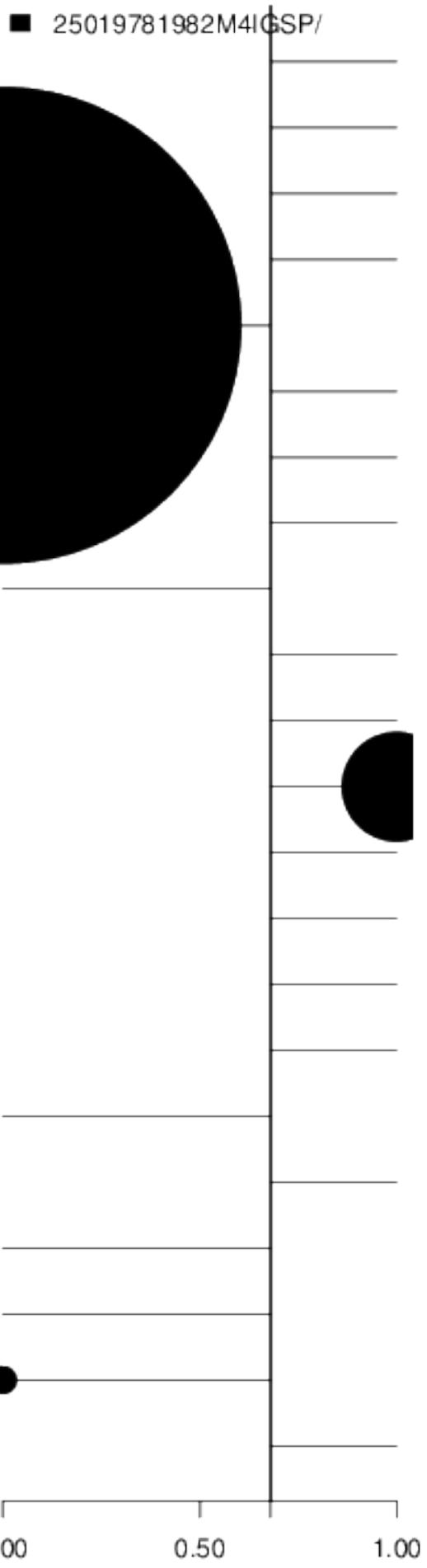


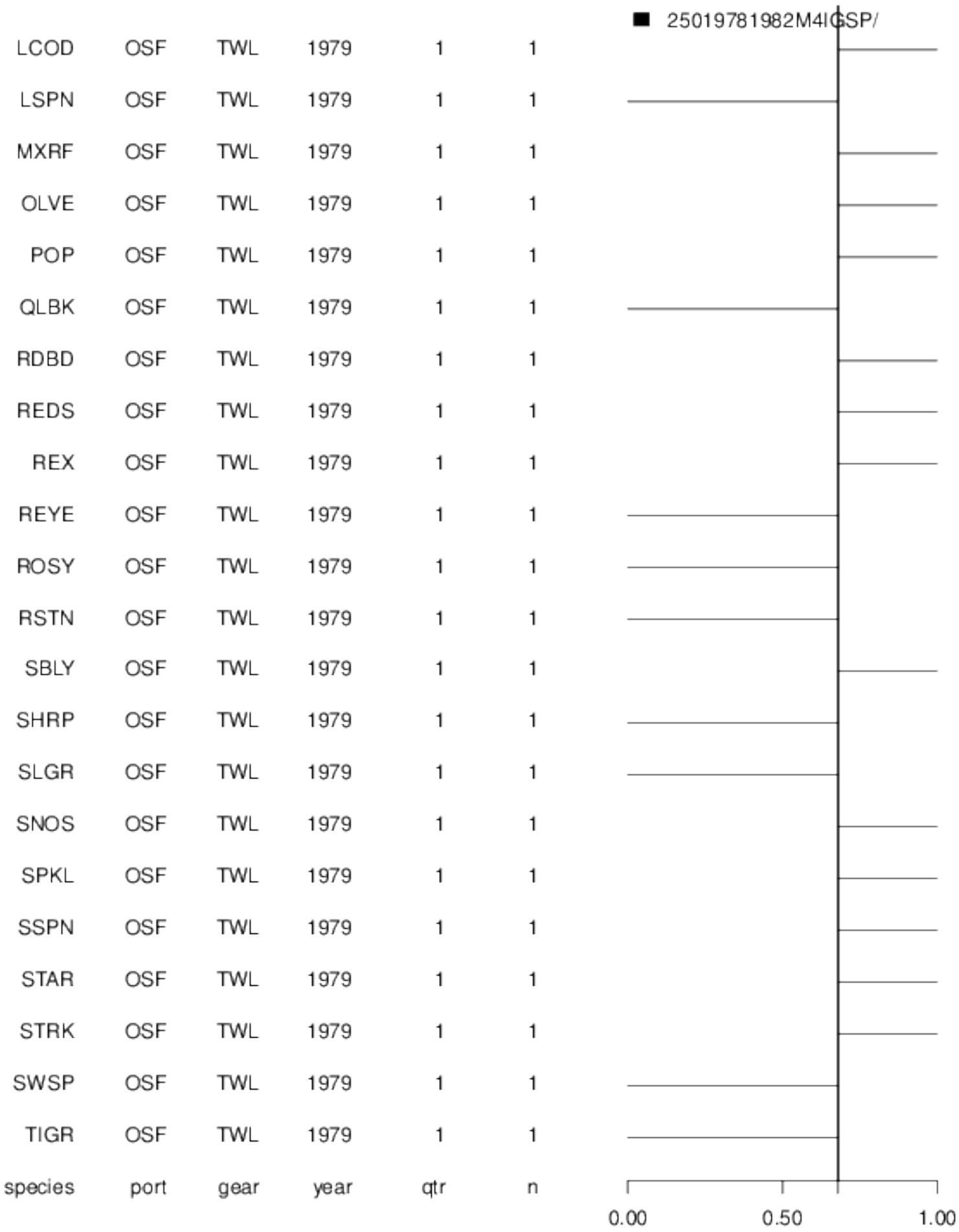


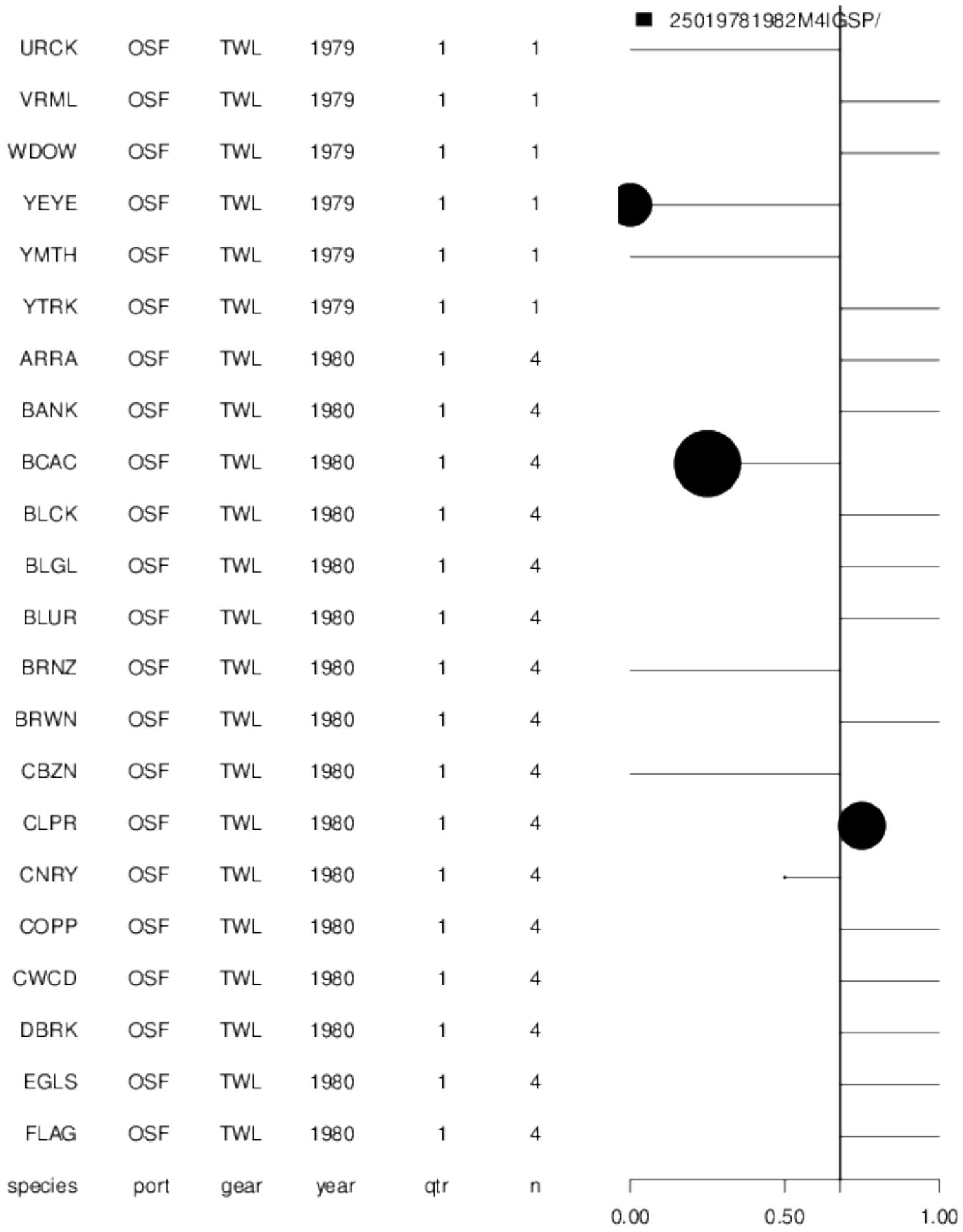


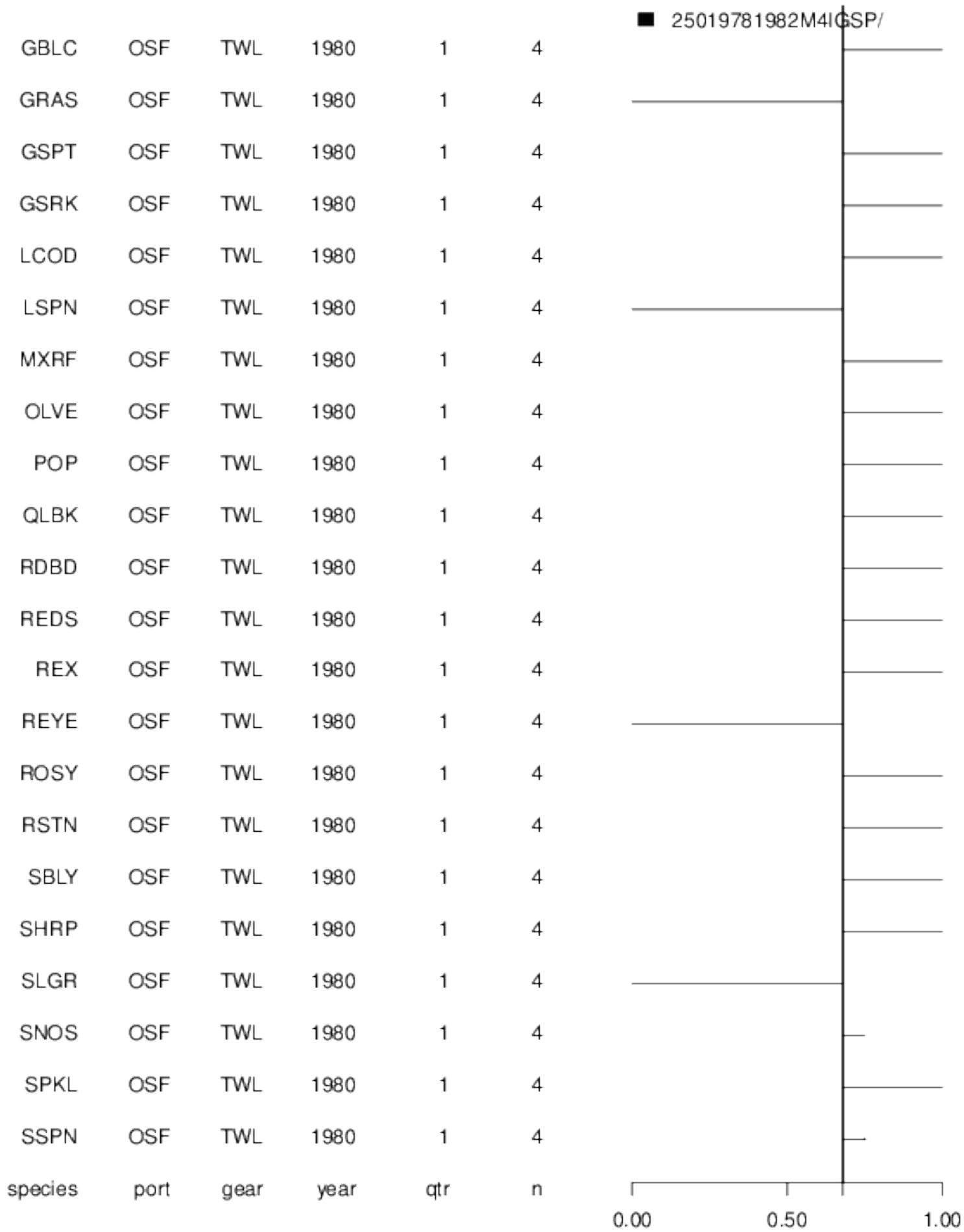


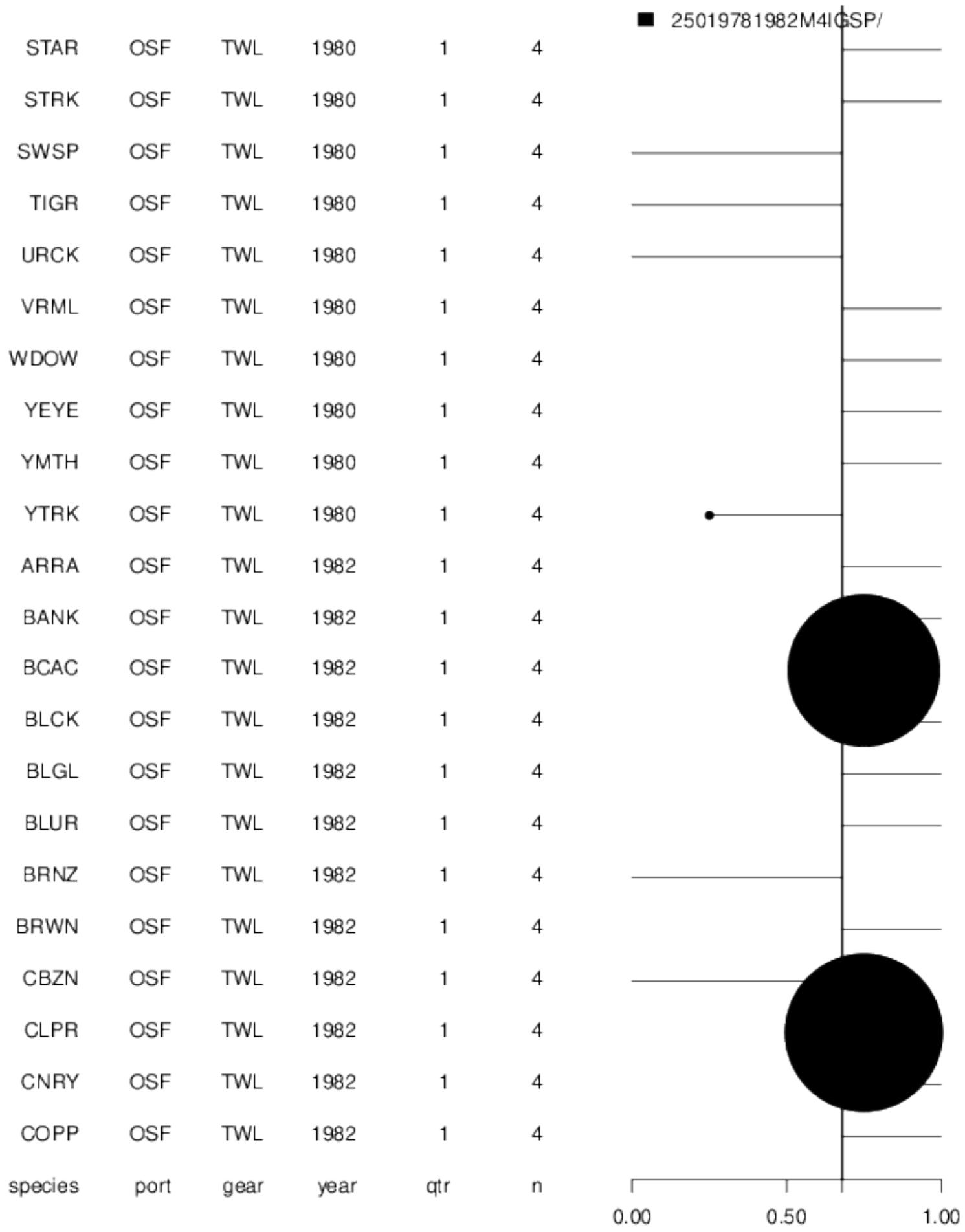
species	port	gear	year	qtr	n
YMTH	OSF	TWL	1978	1	1
YTRK	OSF	TWL	1978	1	1
ARRA	OSF	TWL	1979	1	1
BANK	OSF	TWL	1979	1	1
BCAC	OSF	TWL	1979	1	1
BLCK	OSF	TWL	1979	1	1
BLGL	OSF	TWL	1979	1	1
BLUR	OSF	TWL	1979	1	1
BRNZ	OSF	TWL	1979	1	1
BRWN	OSF	TWL	1979	1	1
CBZN	OSF	TWL	1979	1	1
CLPR	OSF	TWL	1979	1	1
CNRY	OSF	TWL	1979	1	1
COPP	OSF	TWL	1979	1	1
CWCD	OSF	TWL	1979	1	1
DBRK	OSF	TWL	1979	1	1
EGLS	OSF	TWL	1979	1	1
FLAG	OSF	TWL	1979	1	1
GBLC	OSF	TWL	1979	1	1
GRAS	OSF	TWL	1979	1	1
GSPT	OSF	TWL	1979	1	1
GSRK	OSF	TWL	1979	1	1

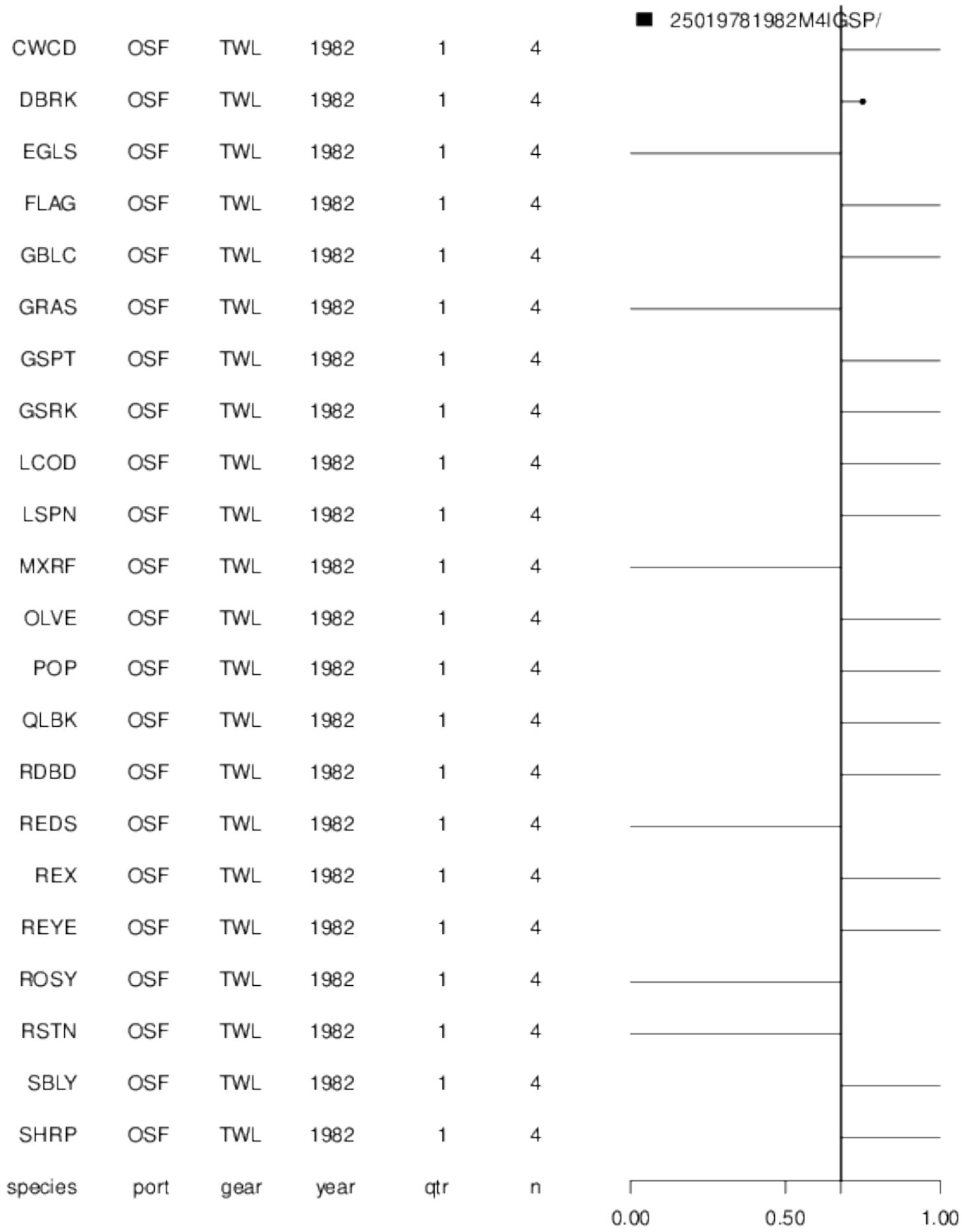


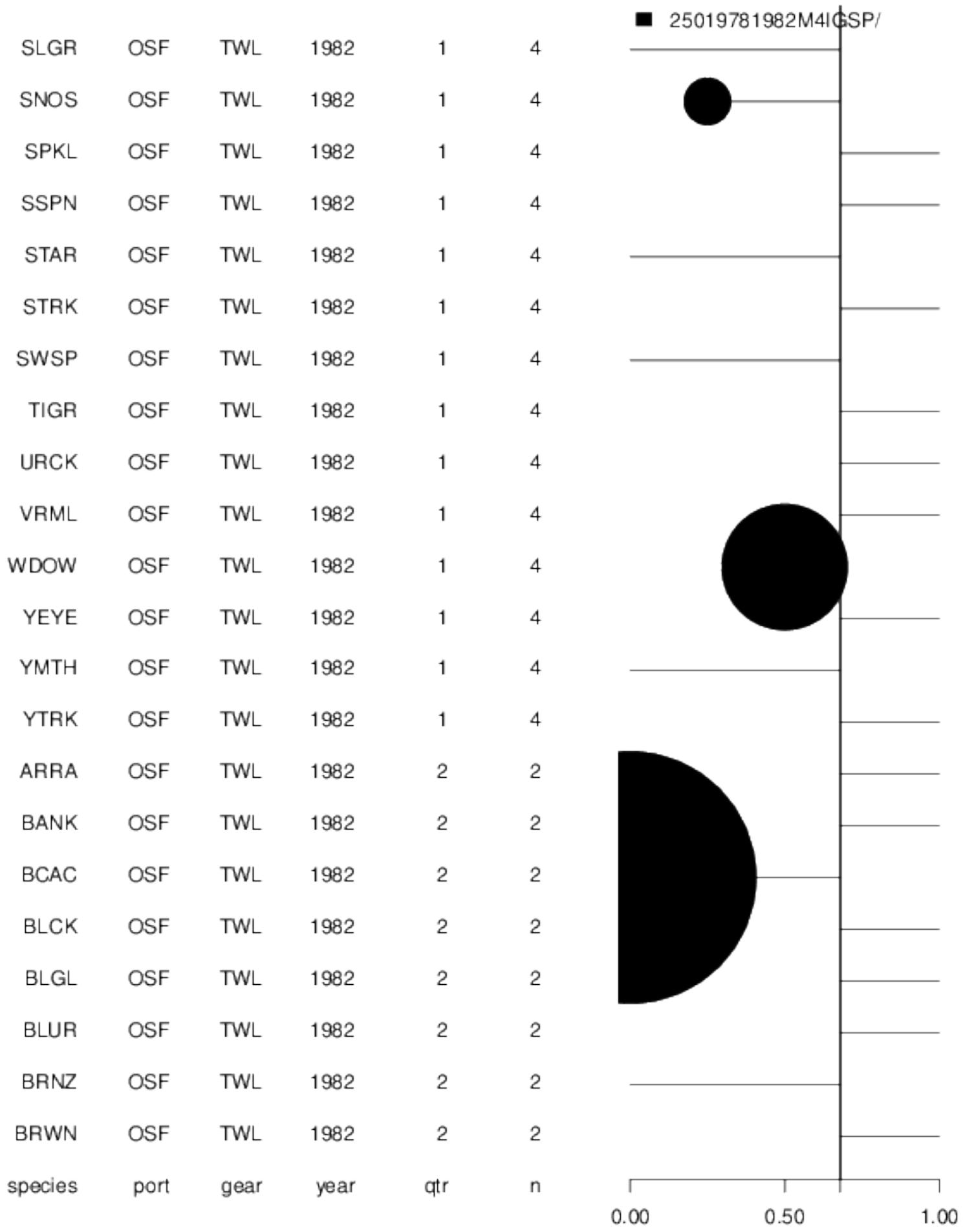


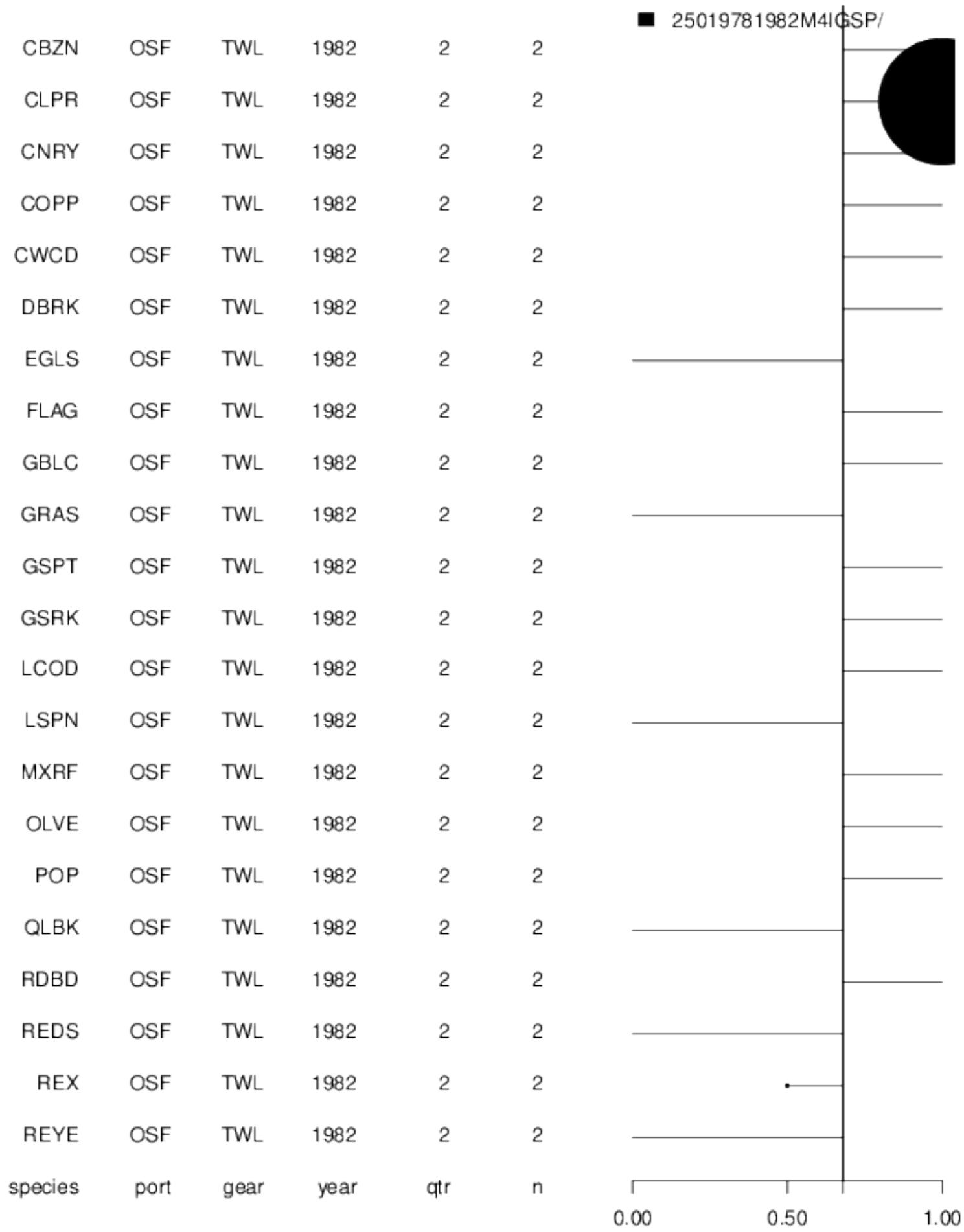


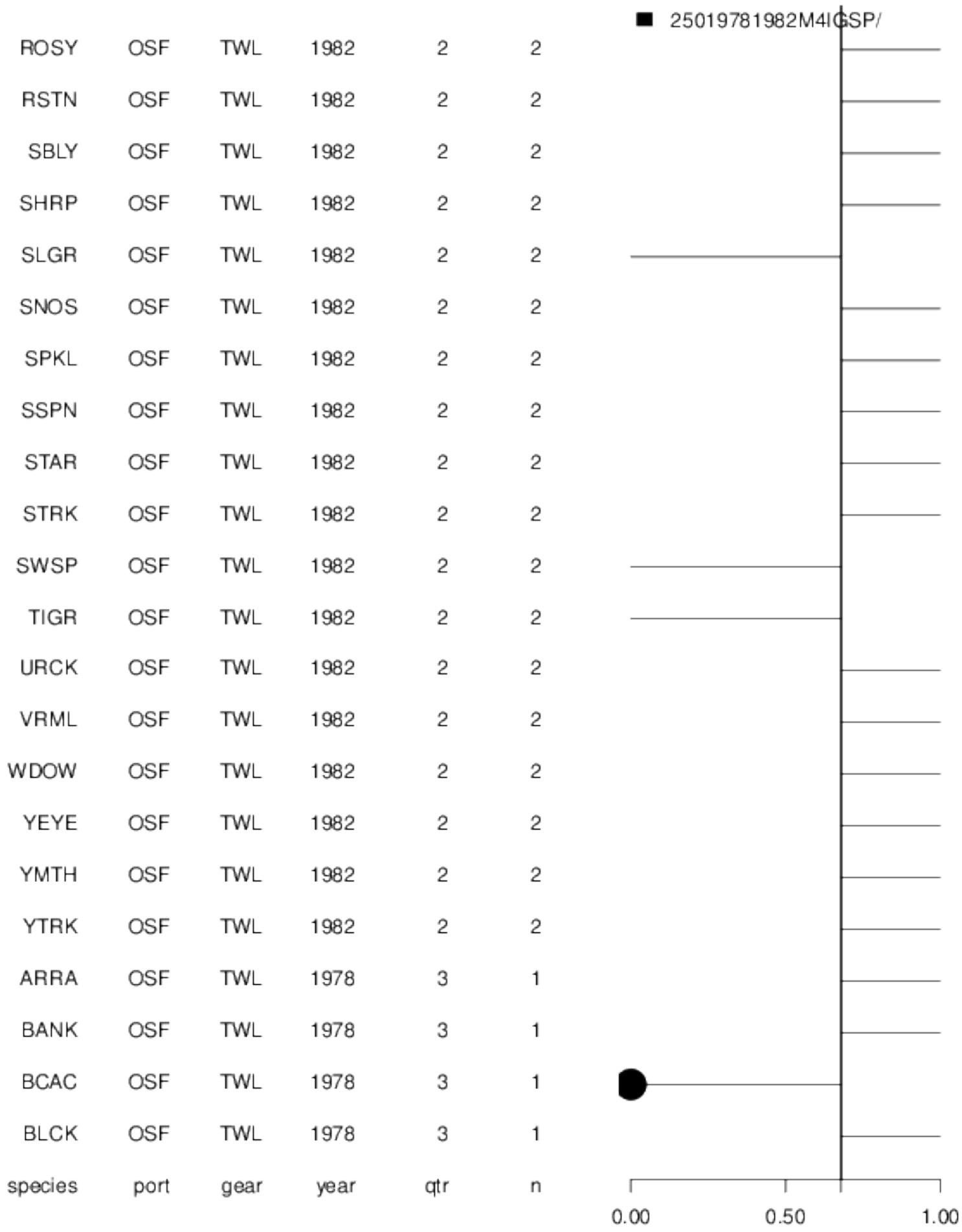


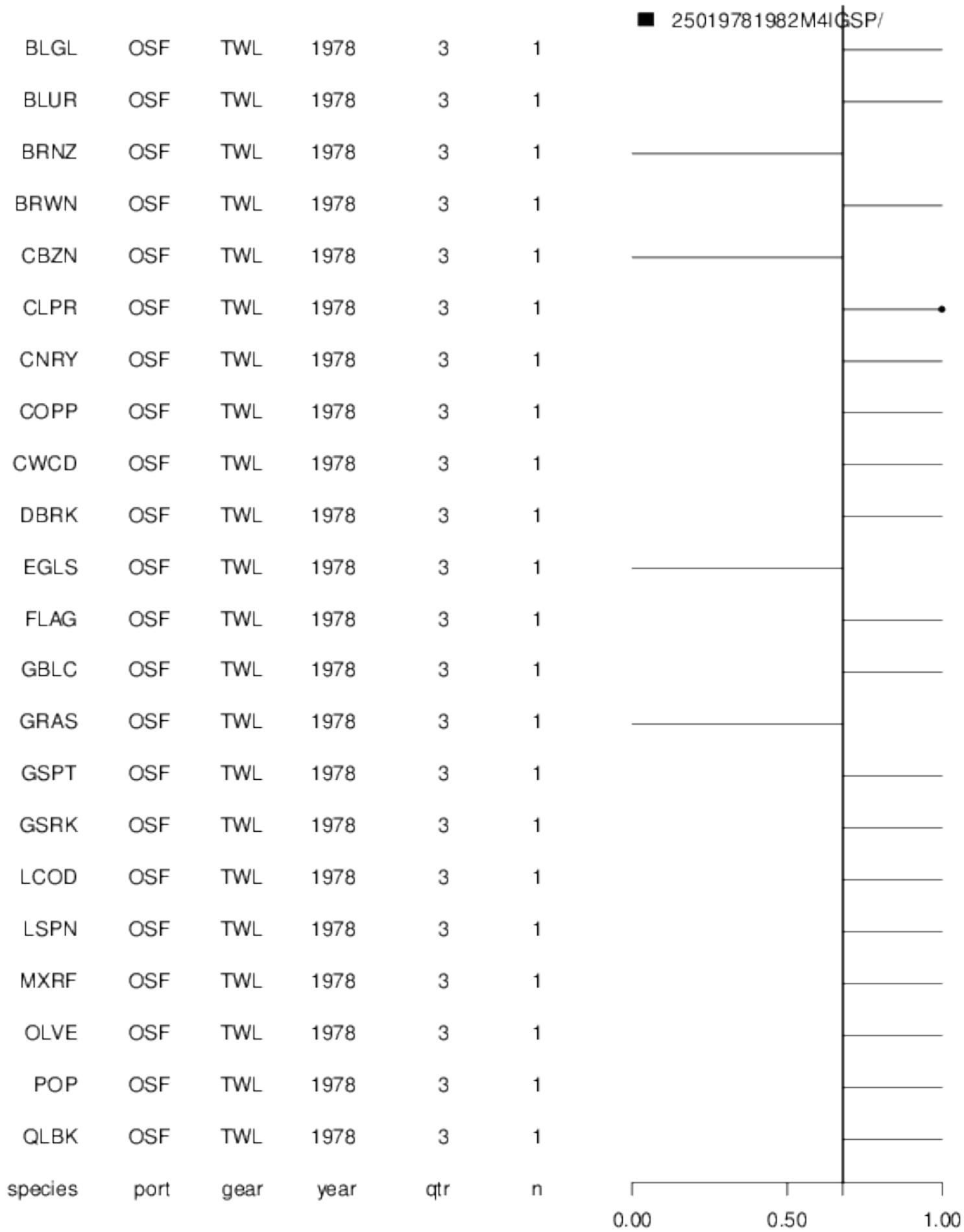


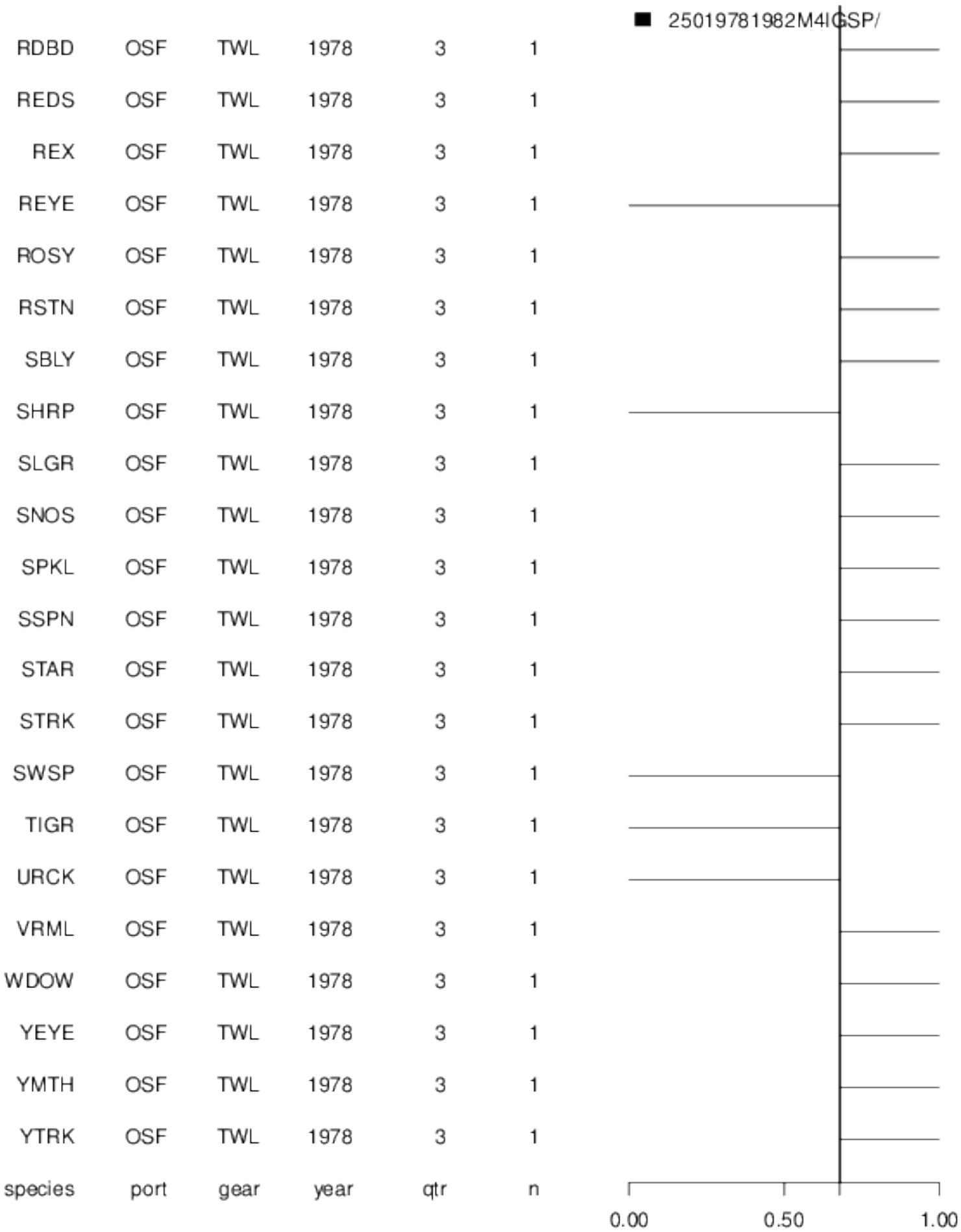


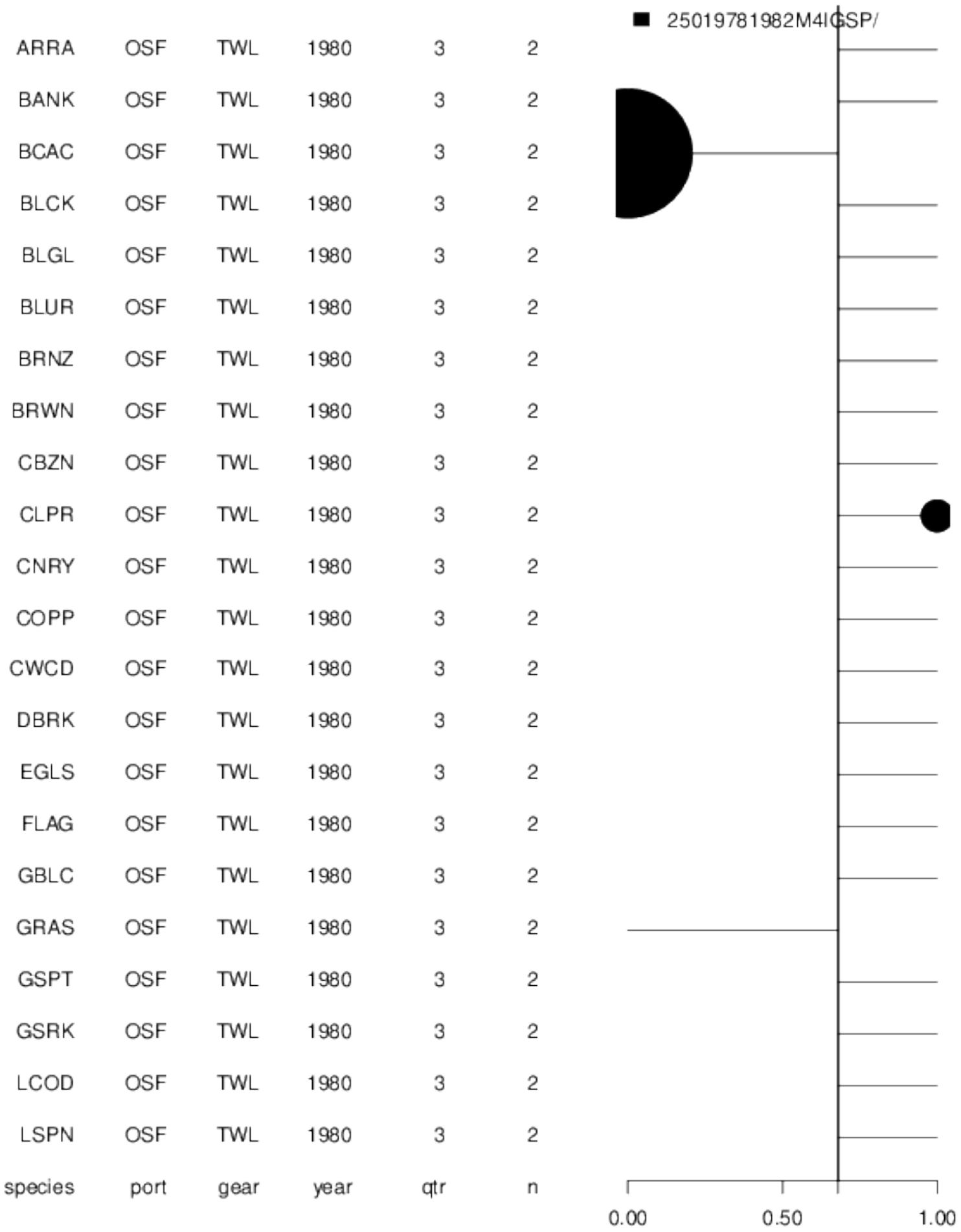


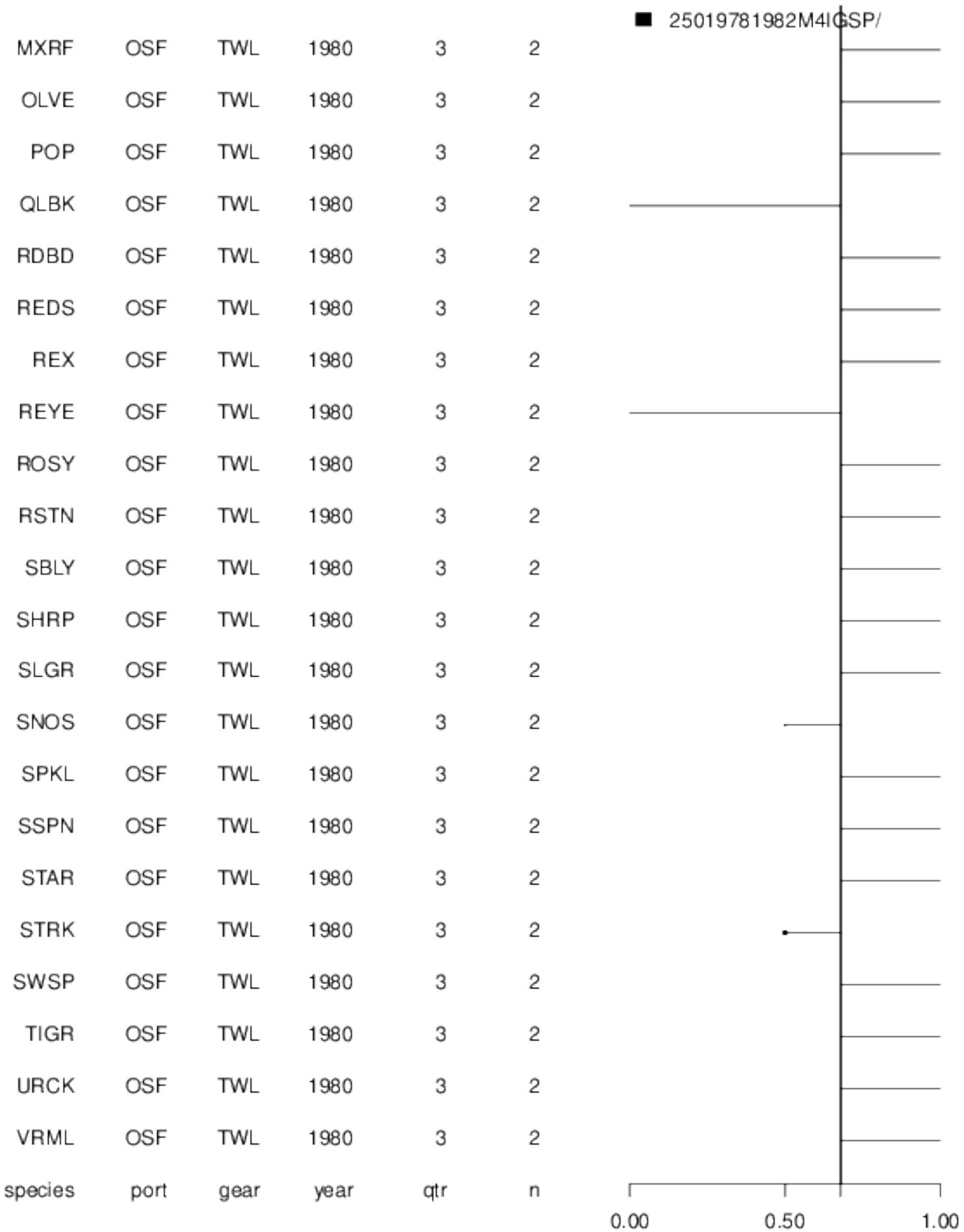


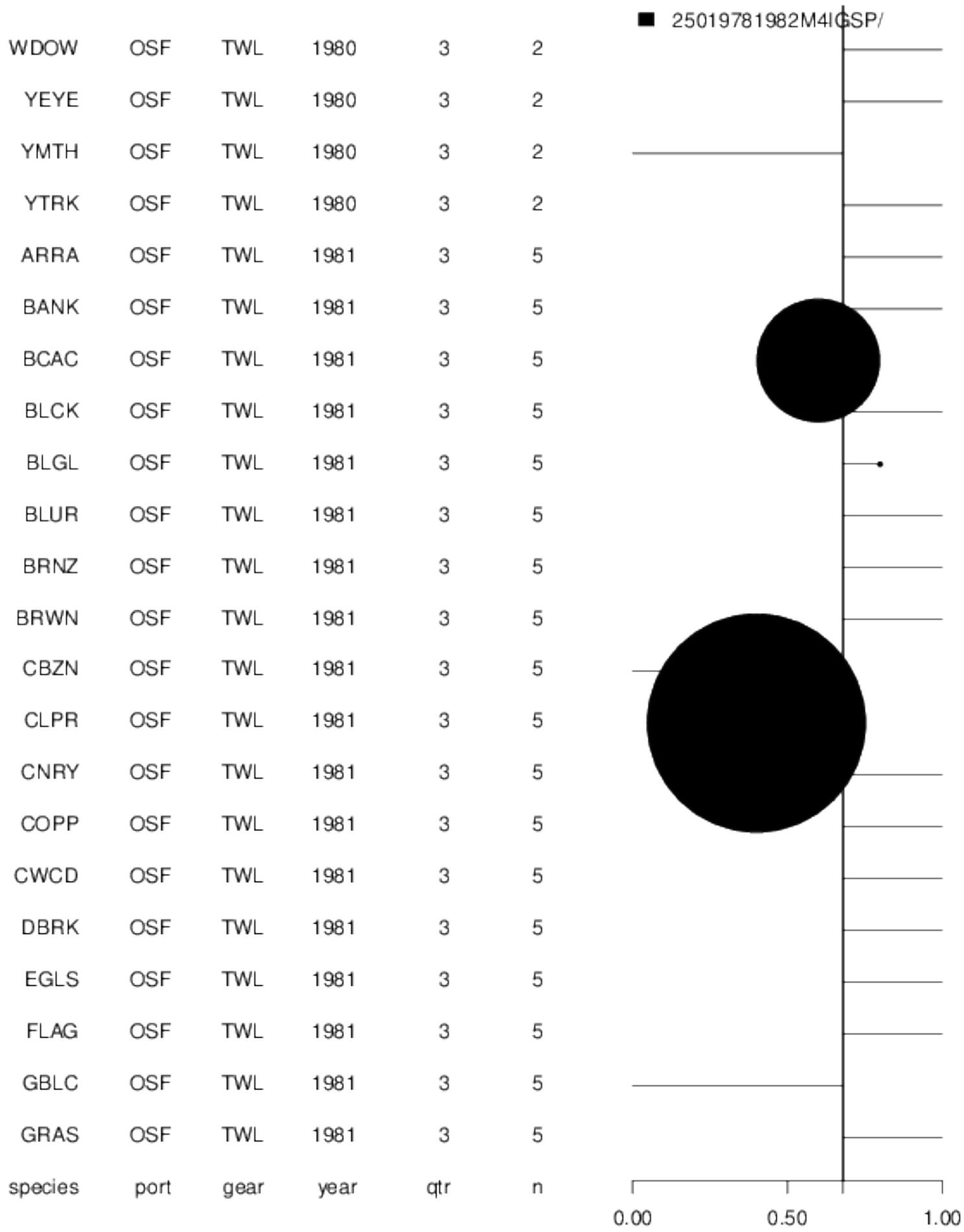


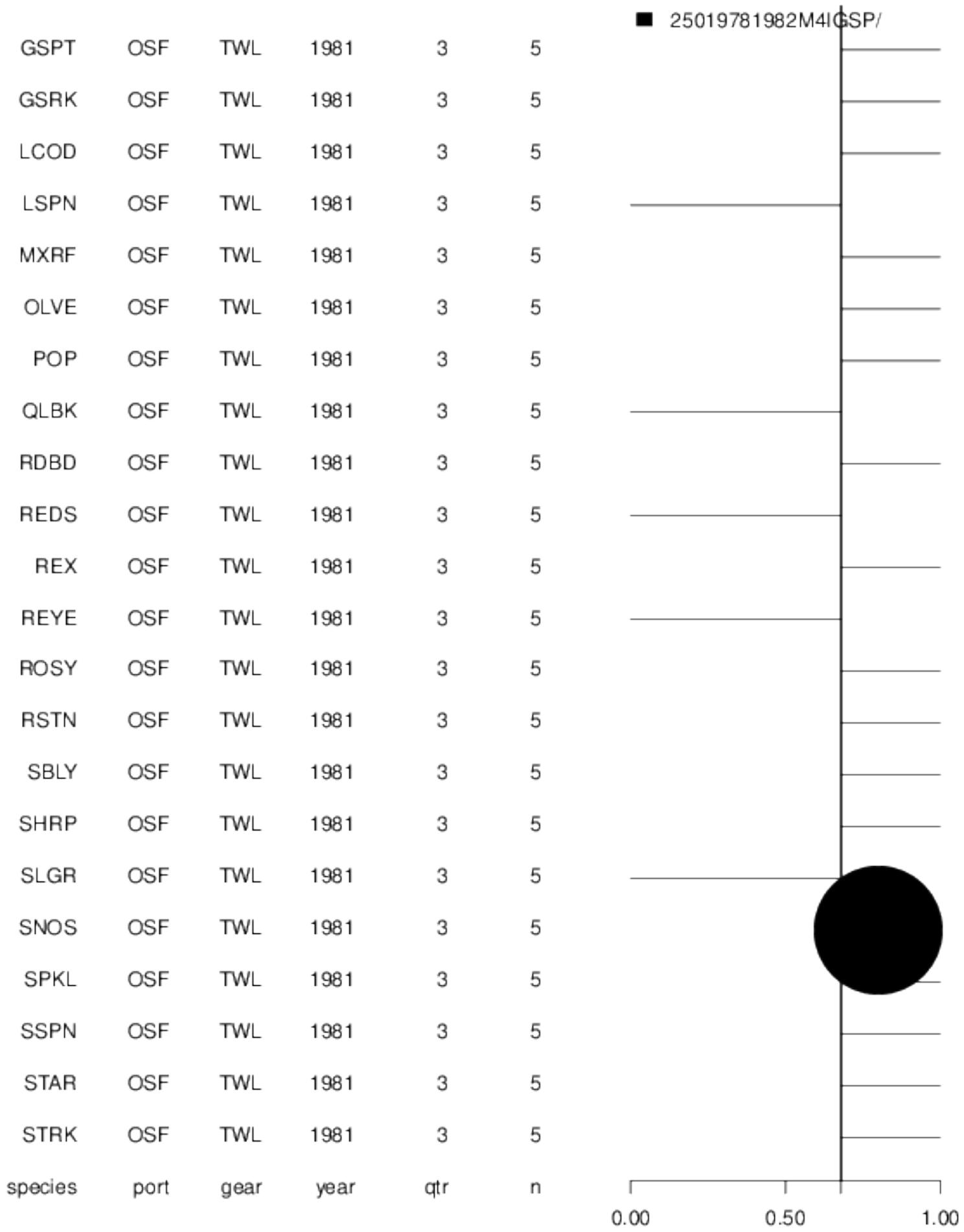


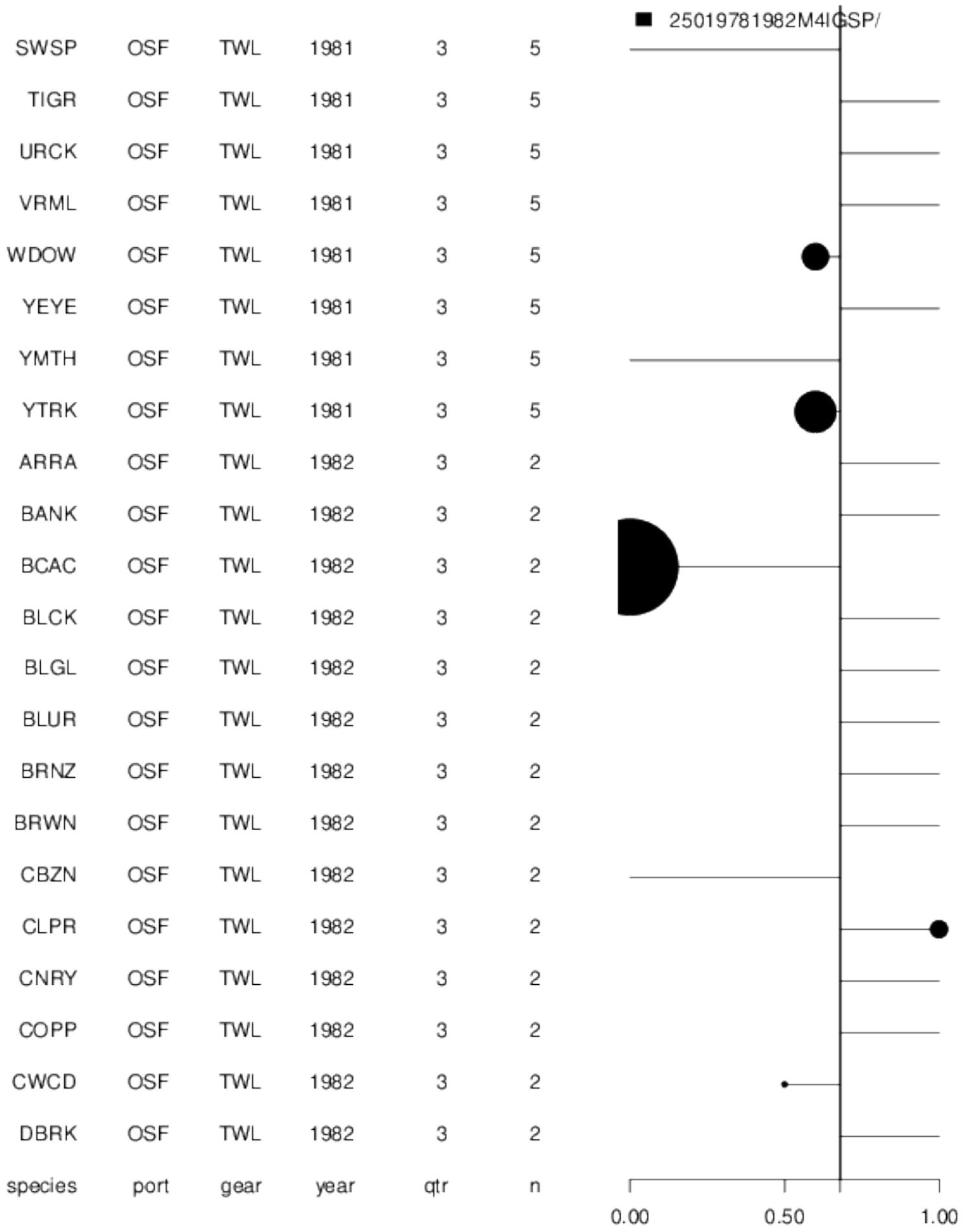


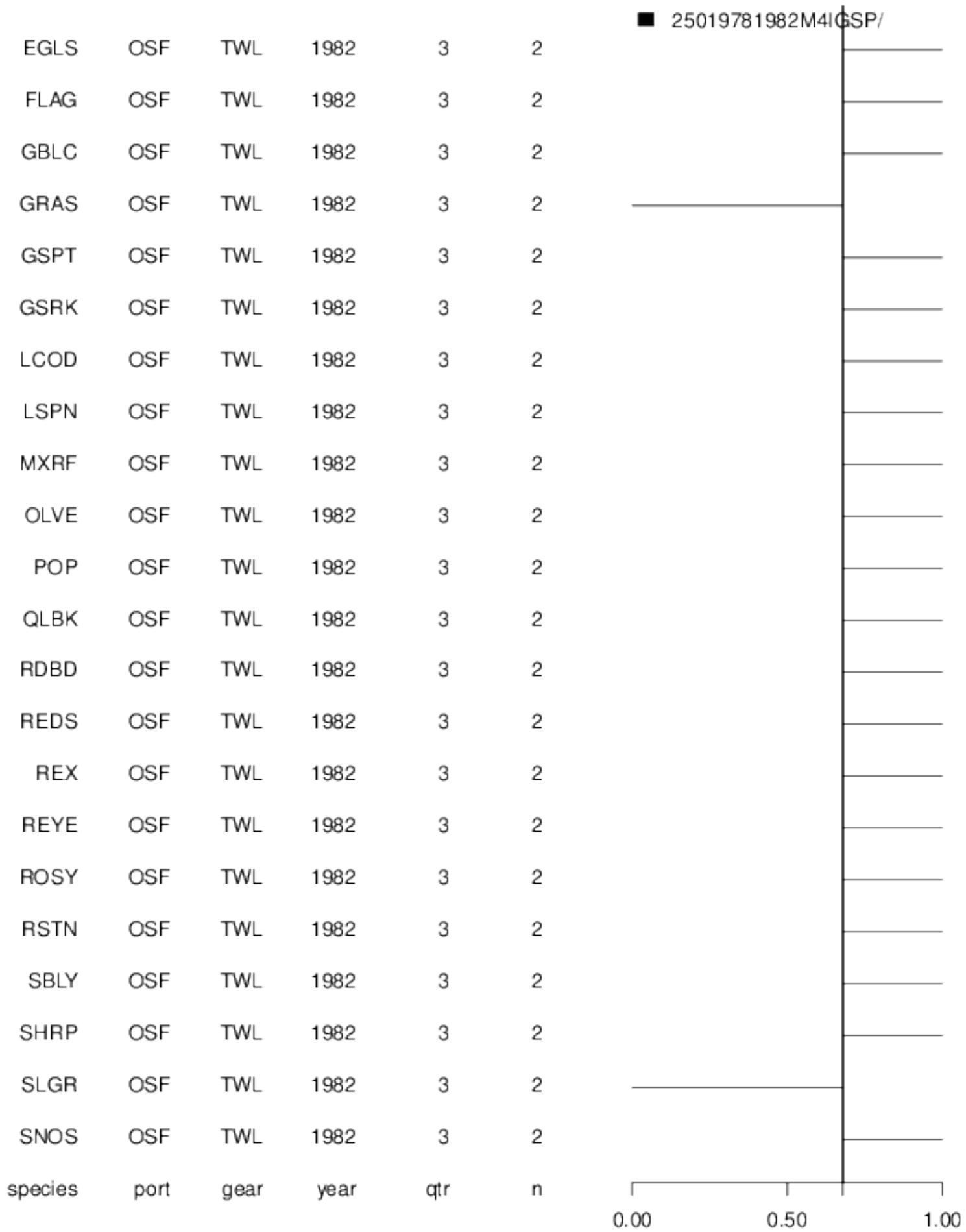


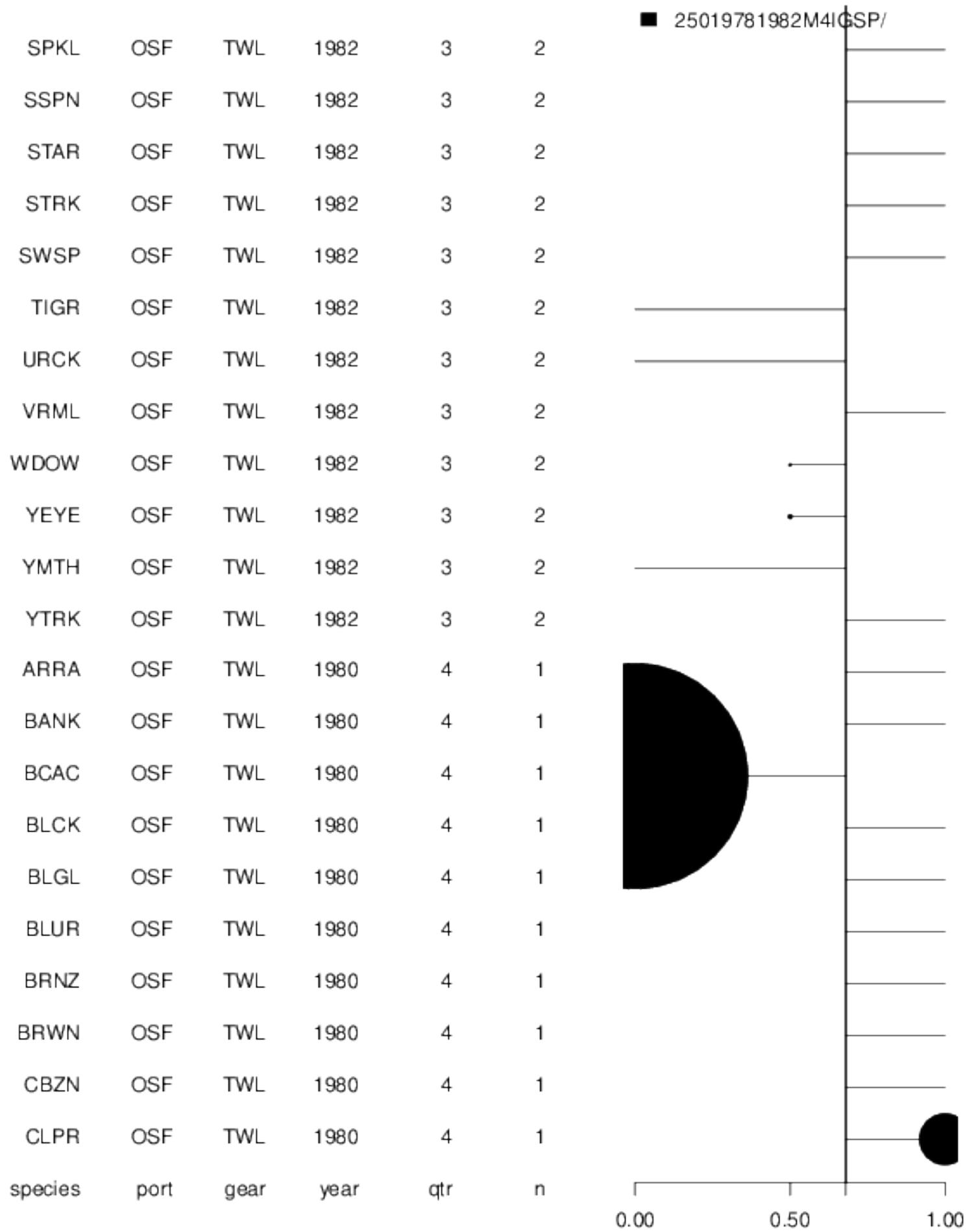


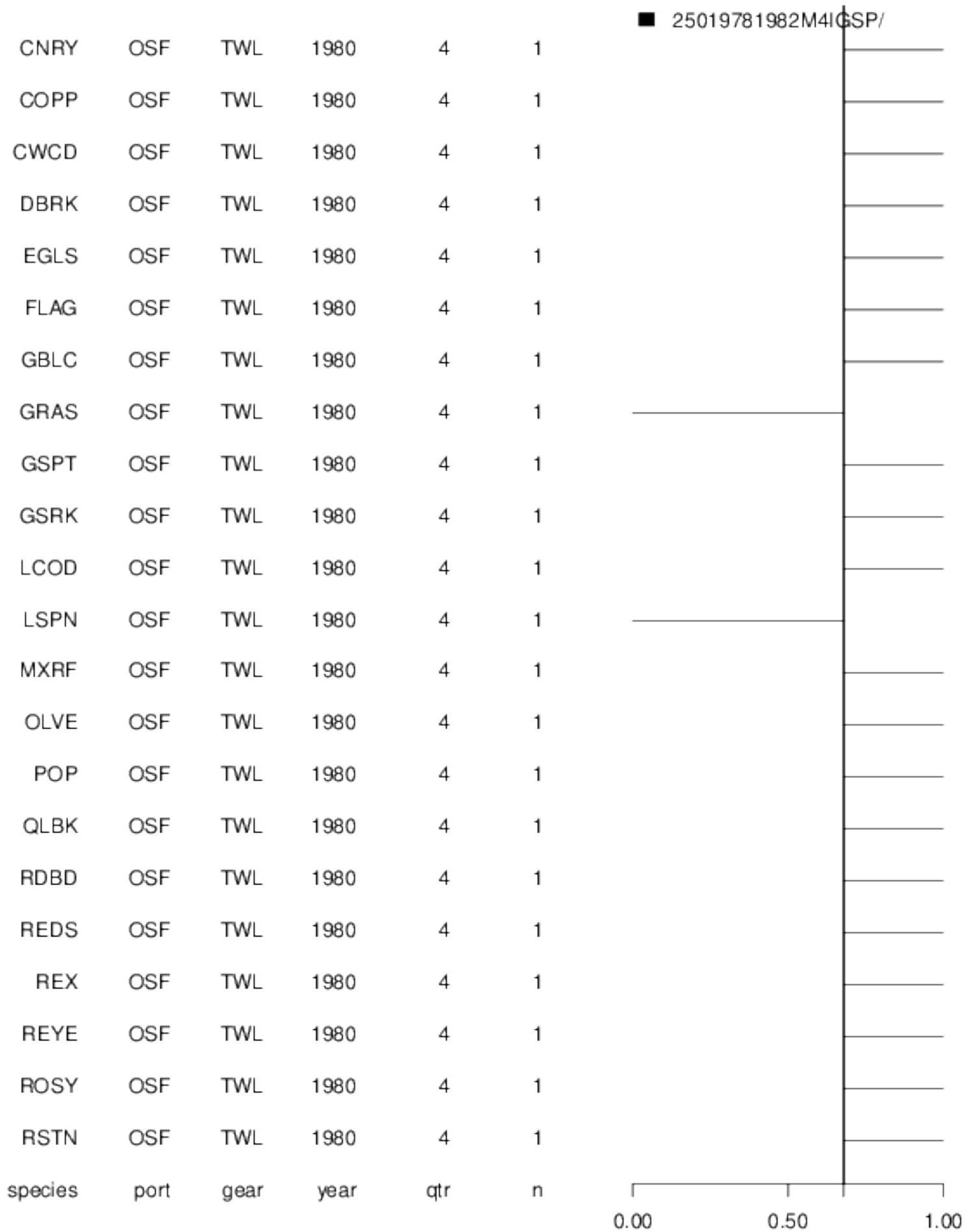


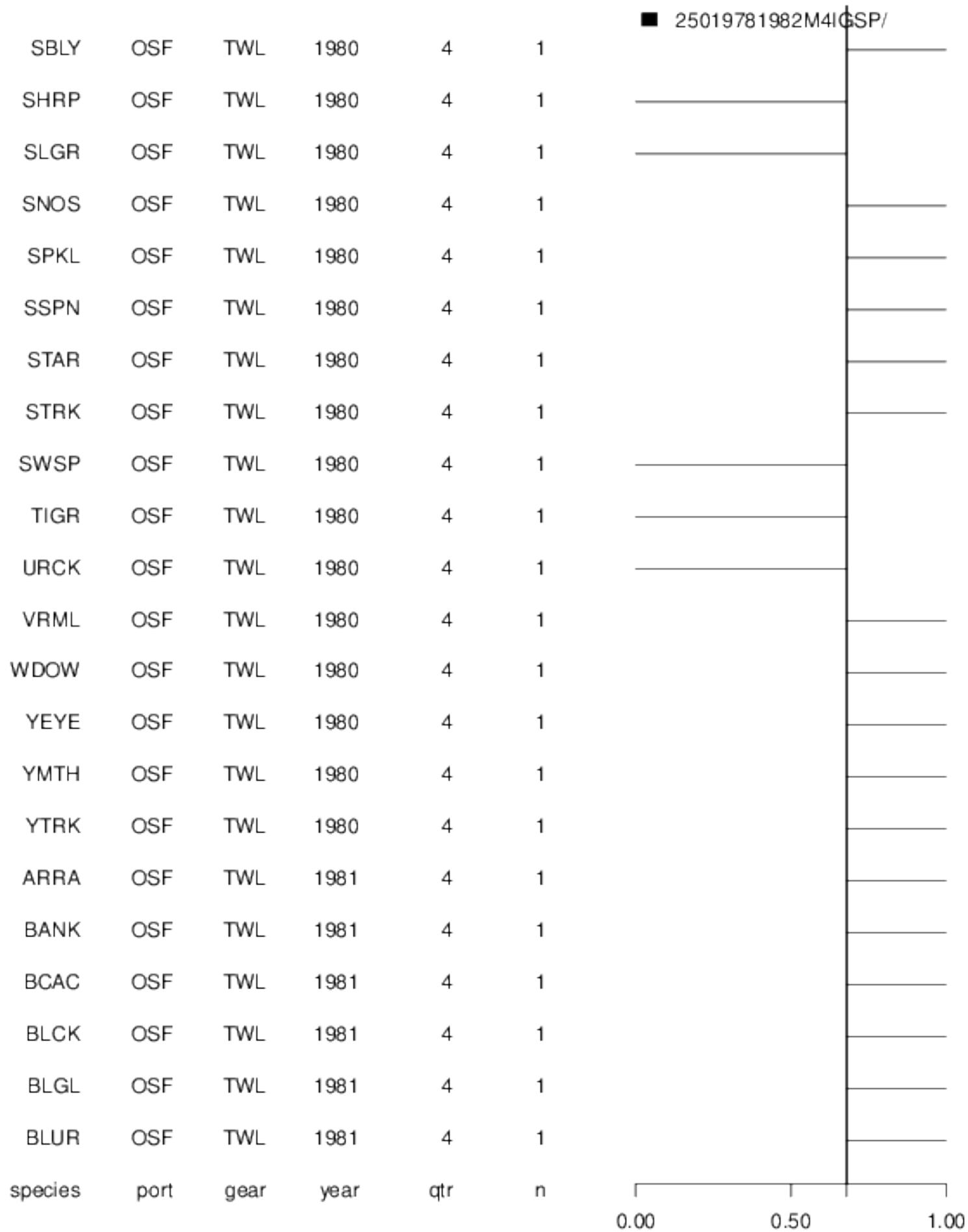


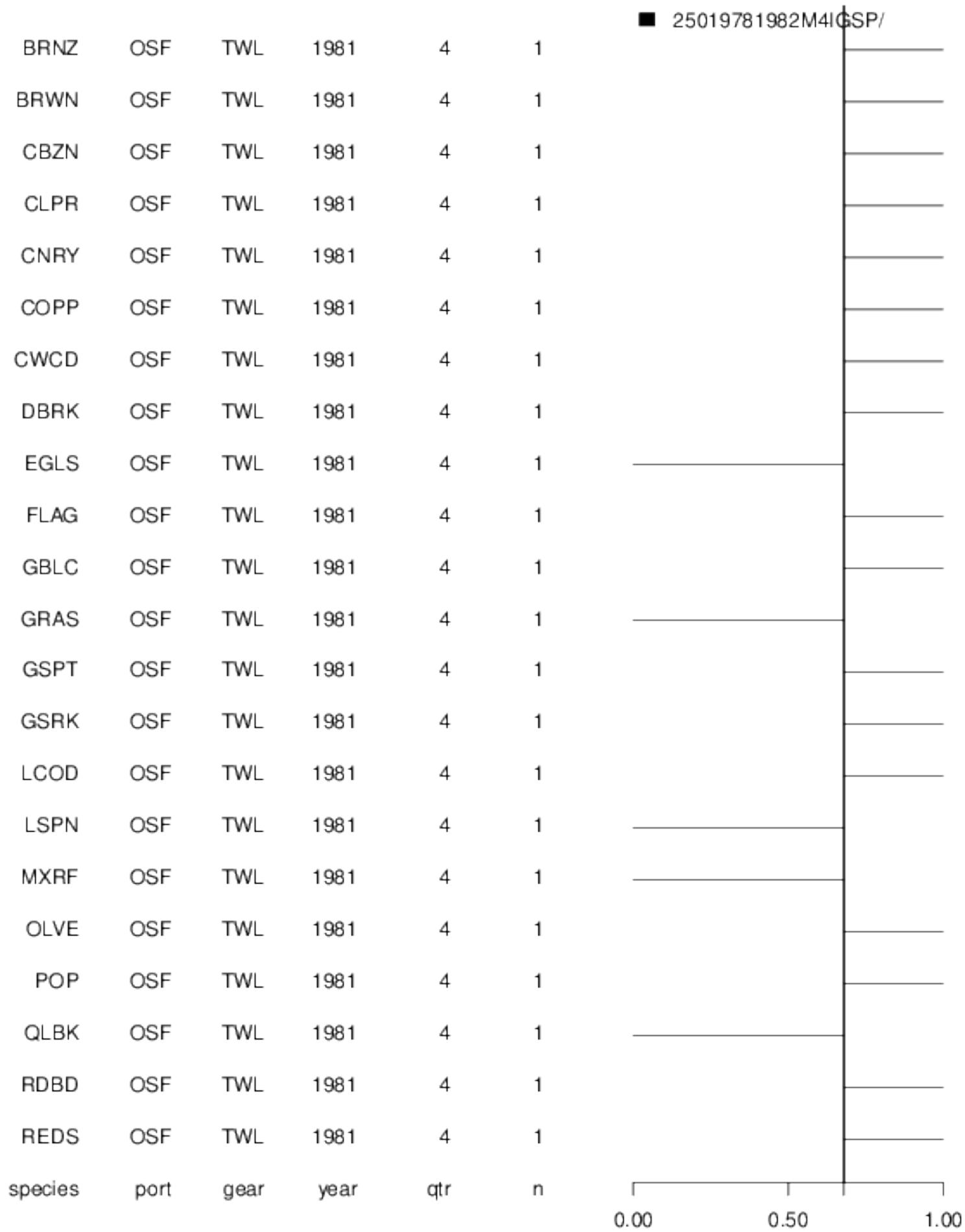


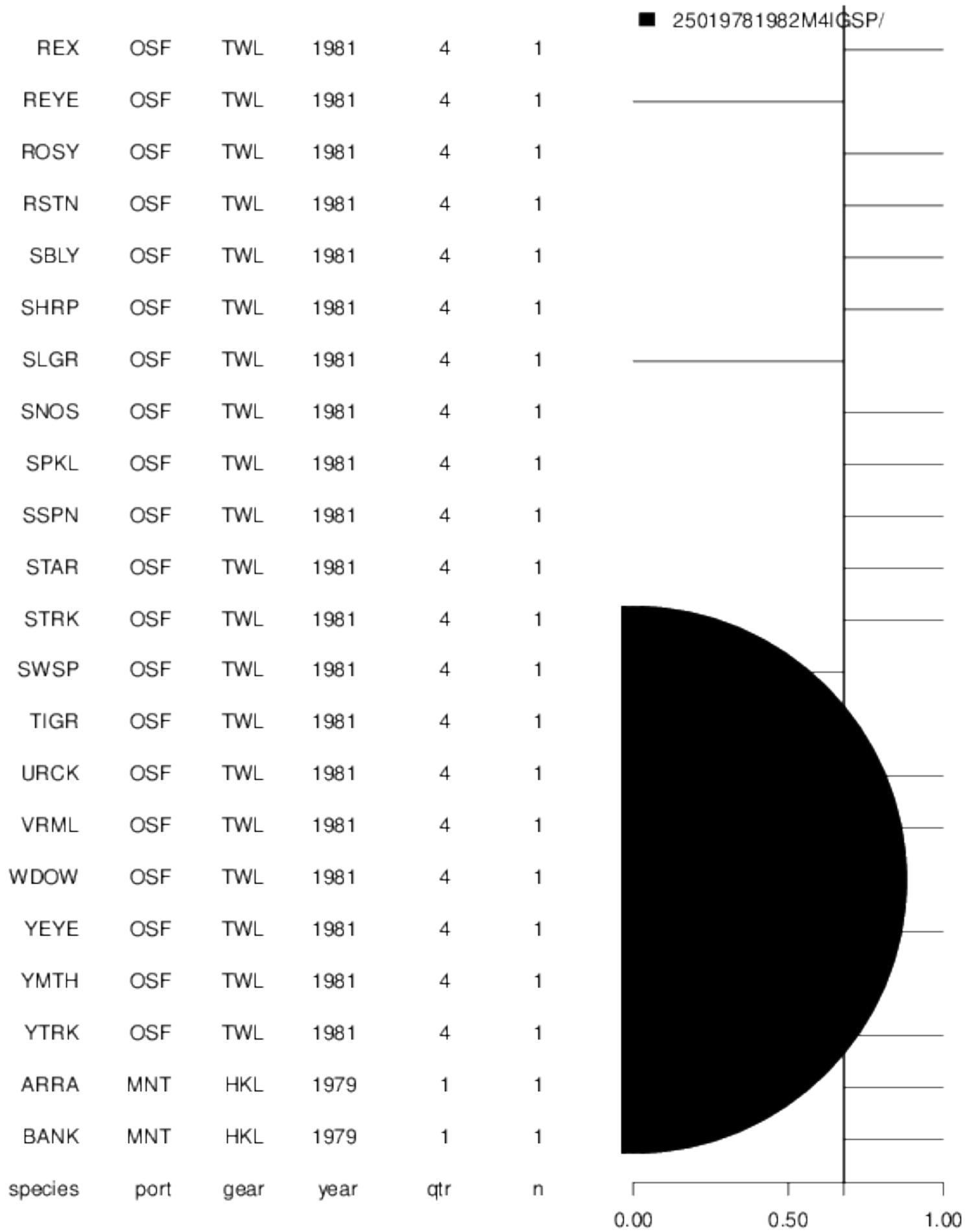


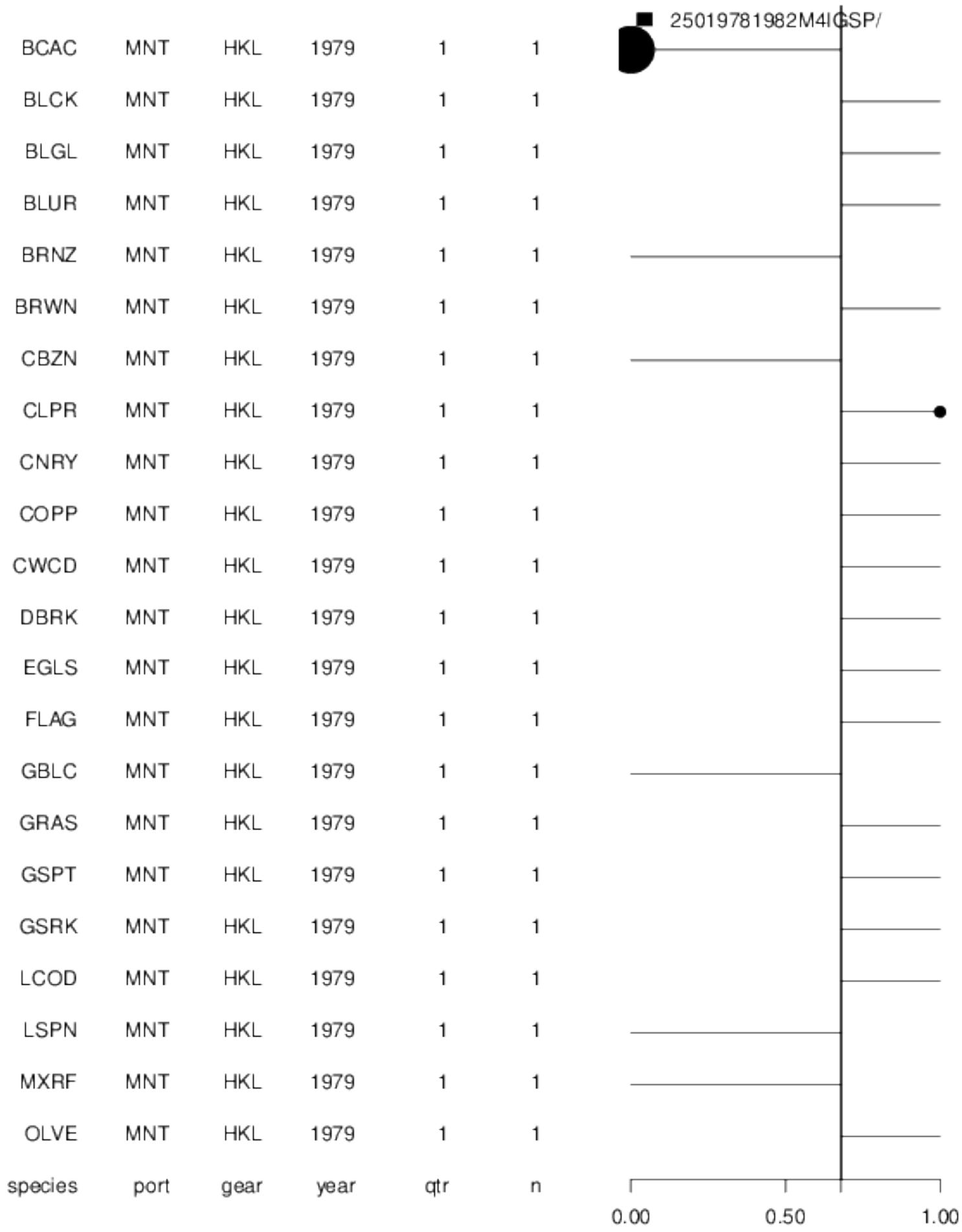


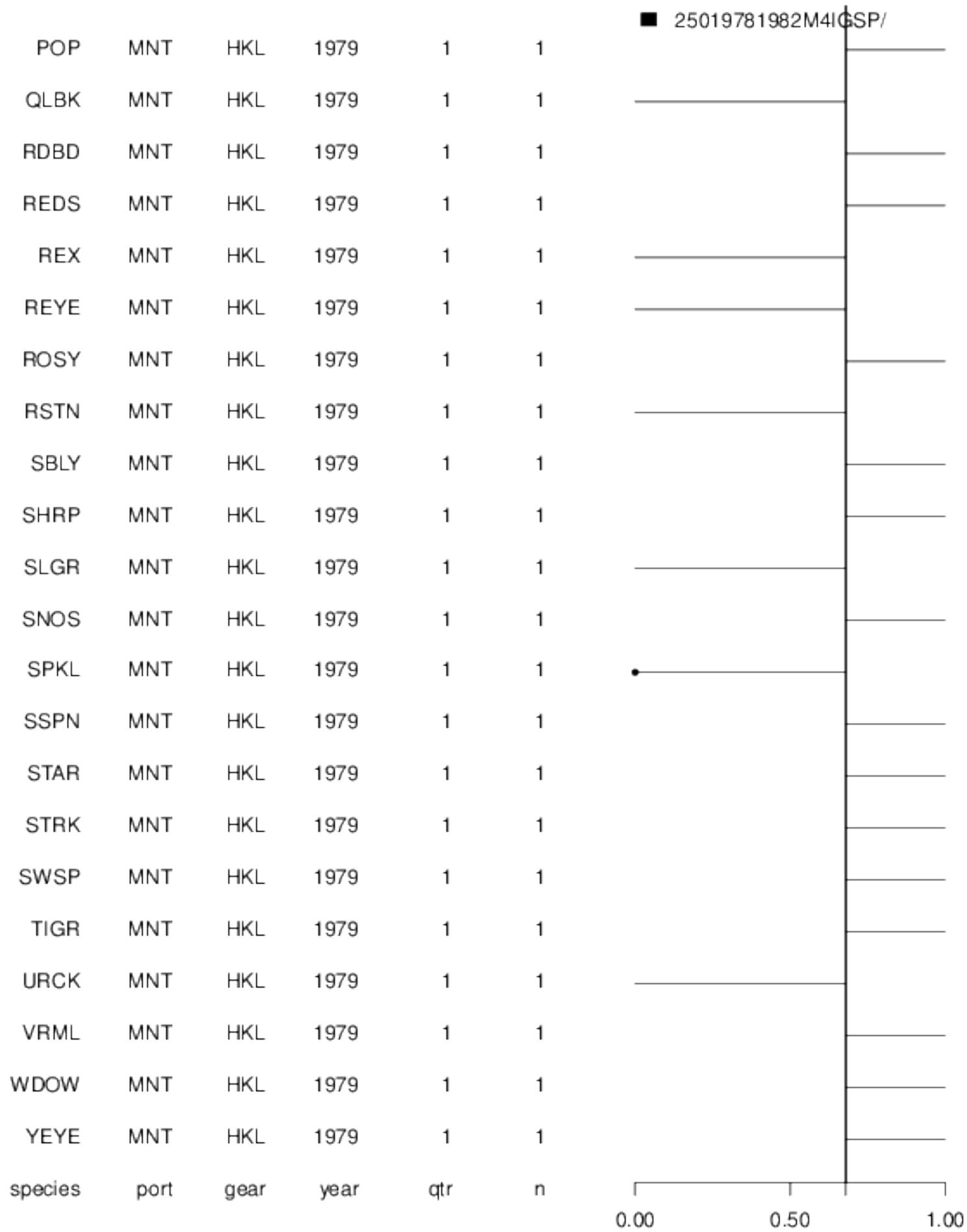


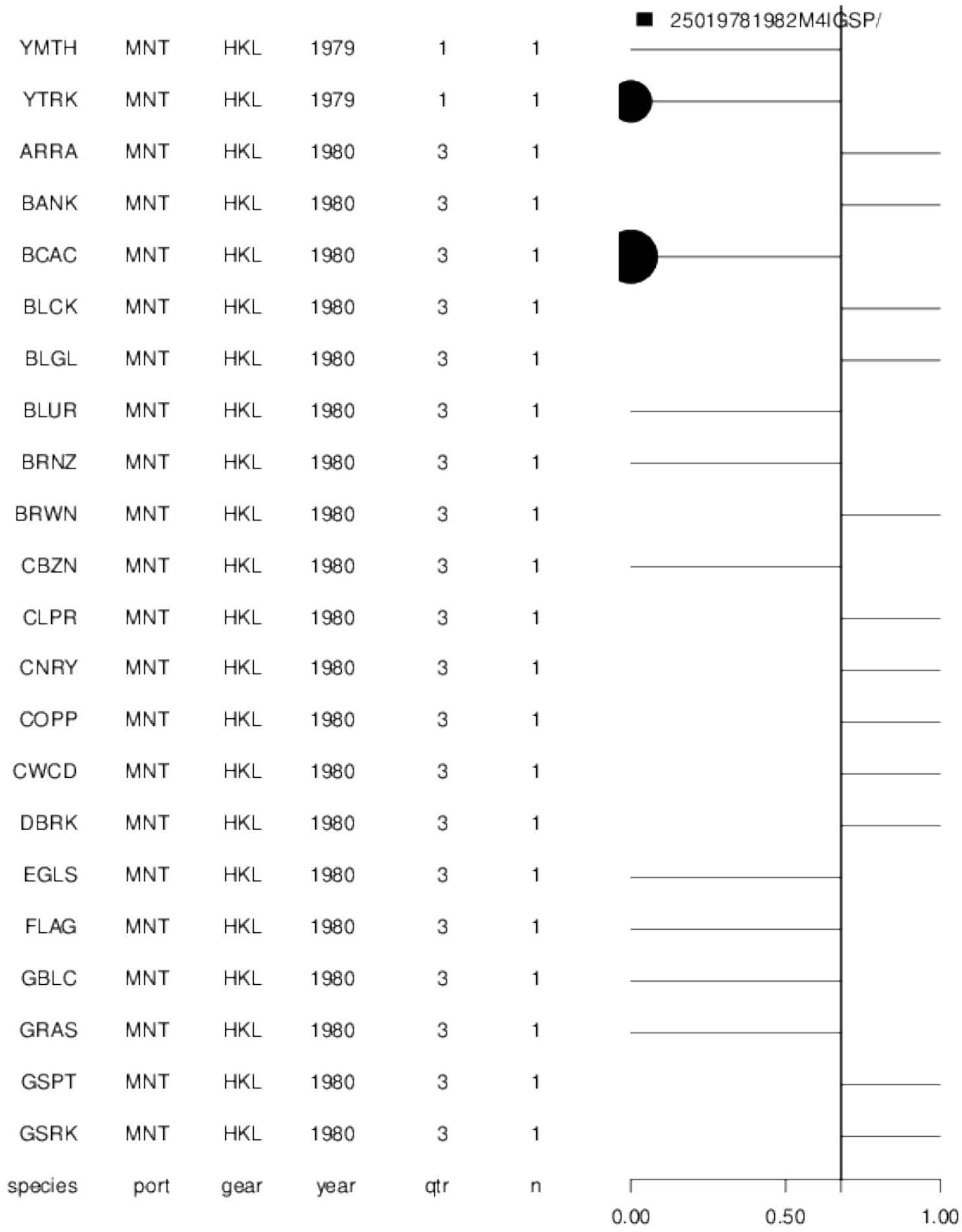


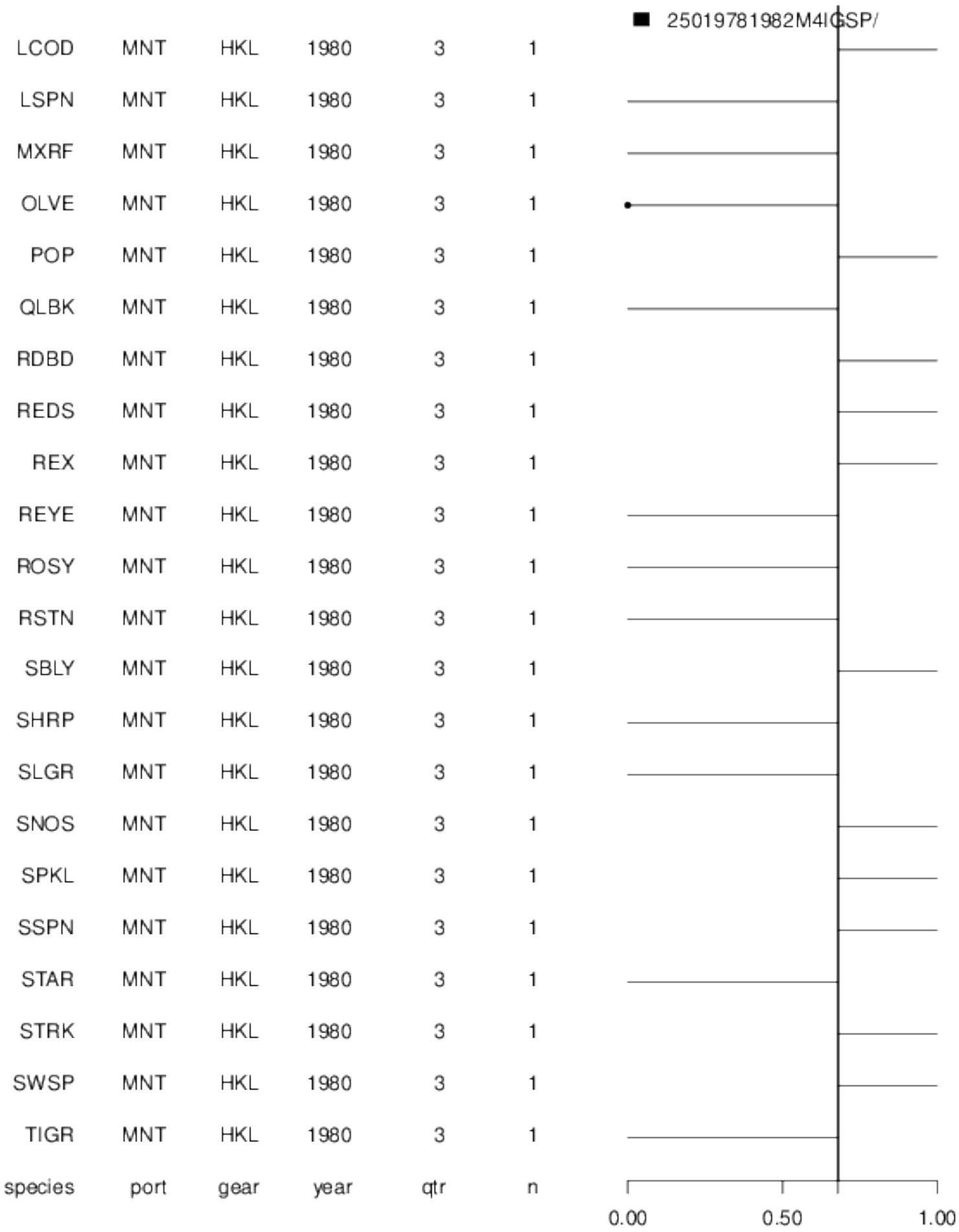


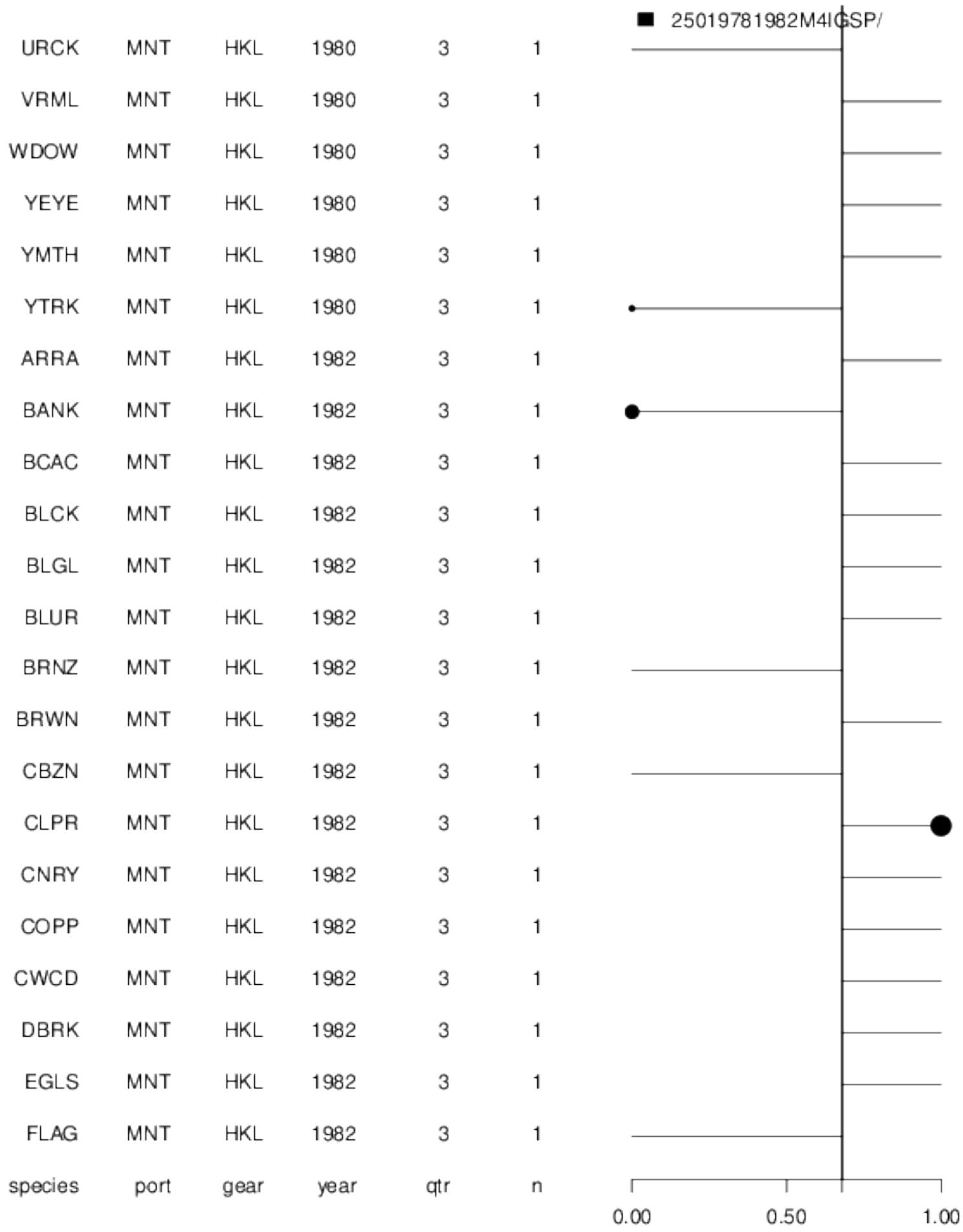


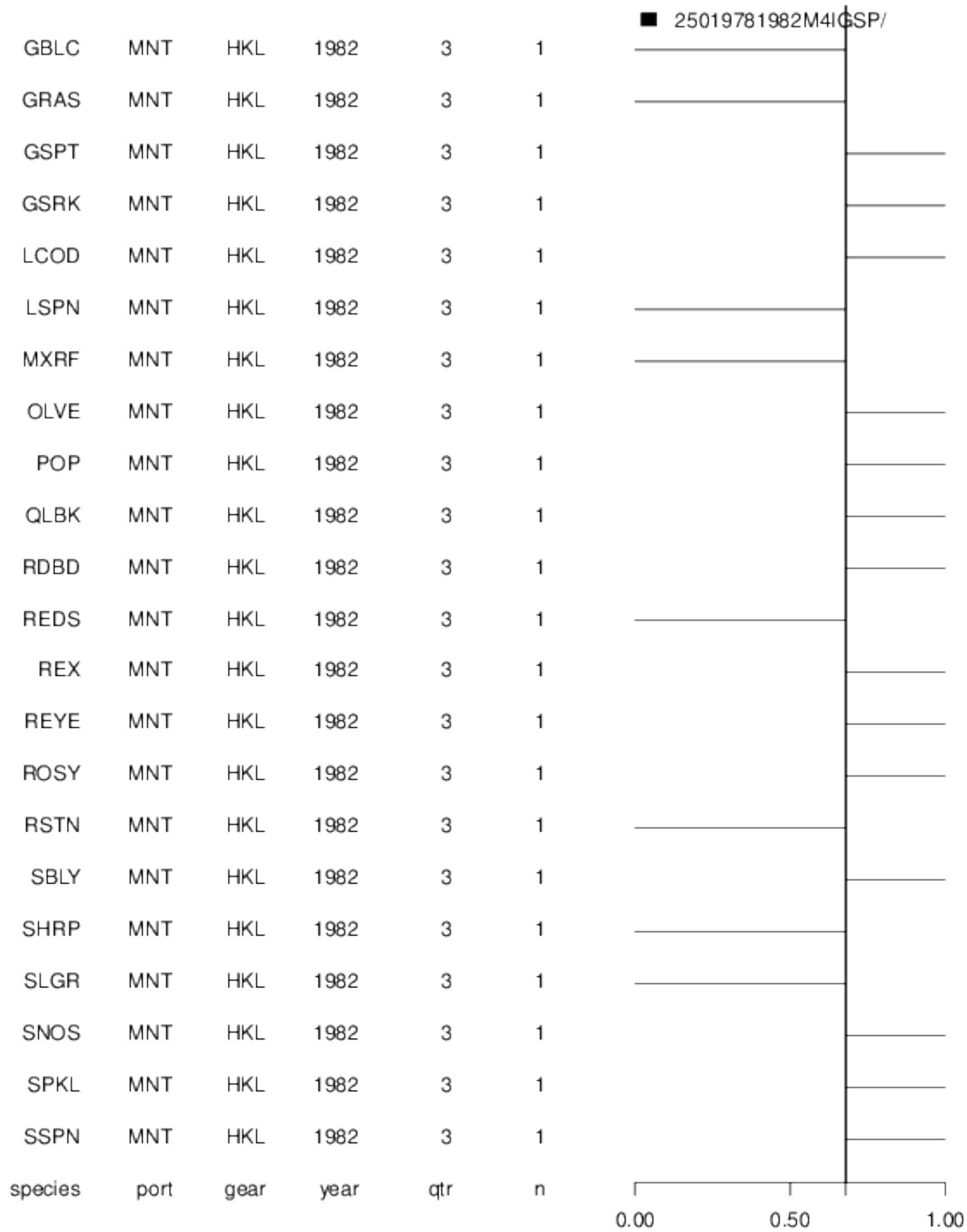


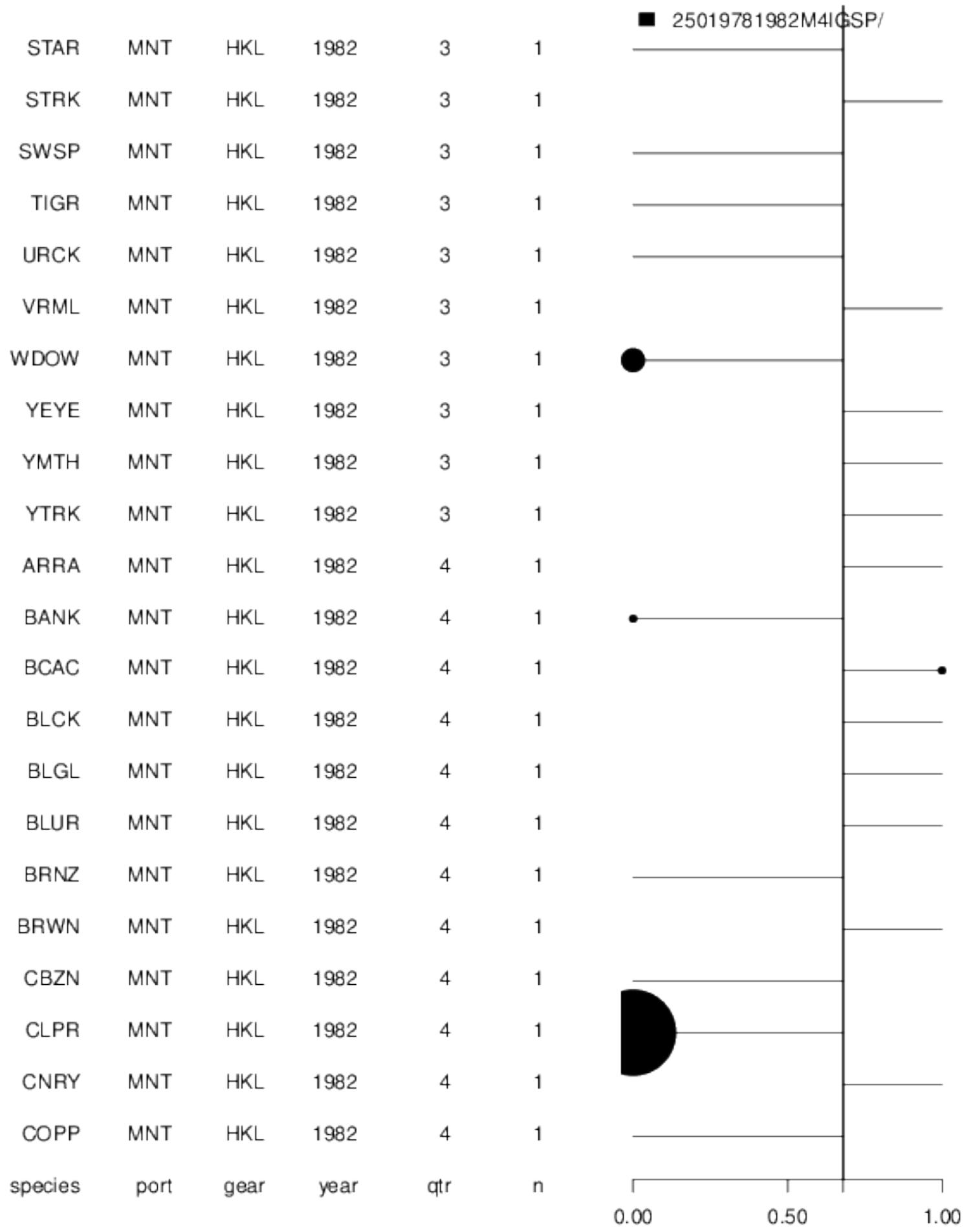


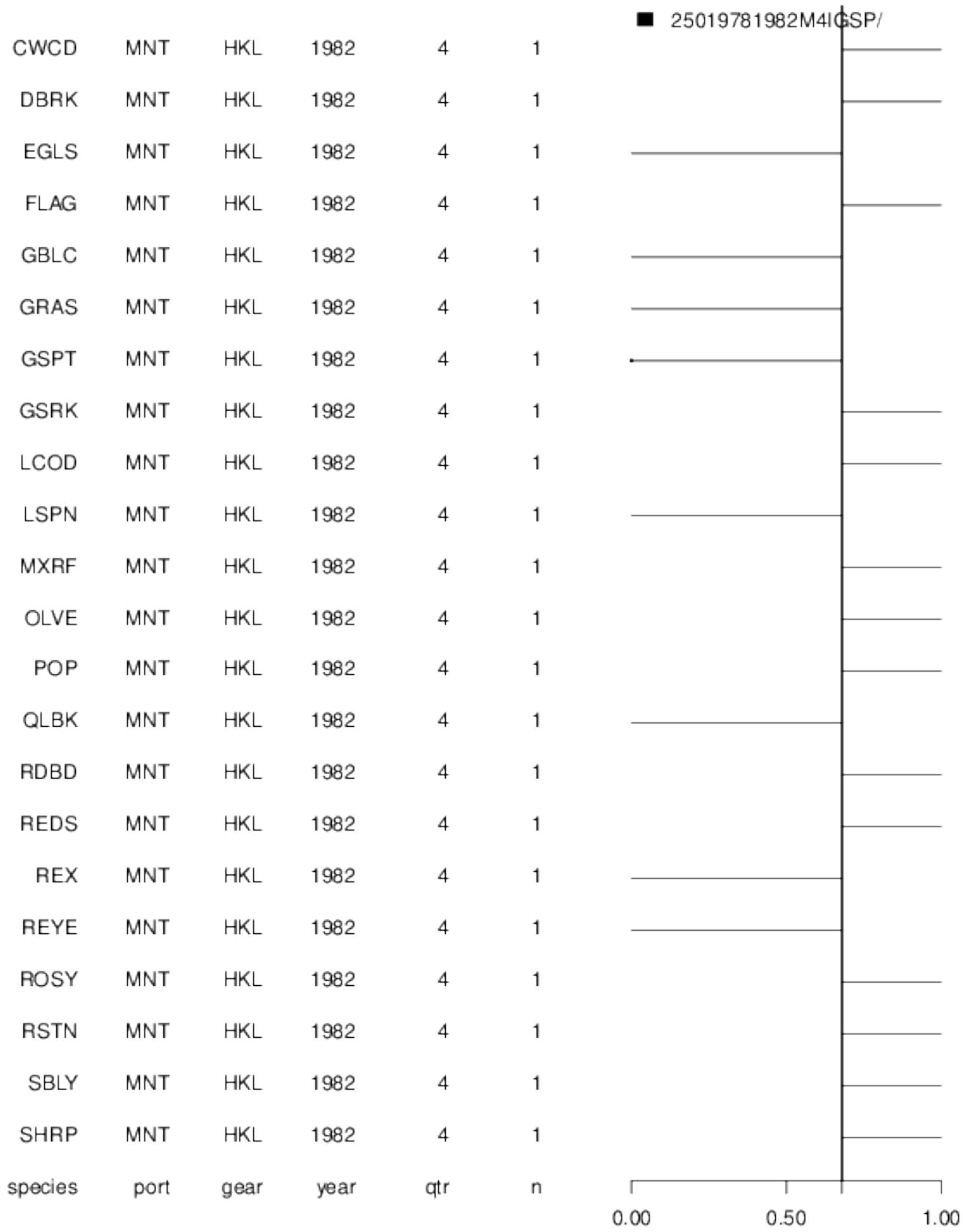


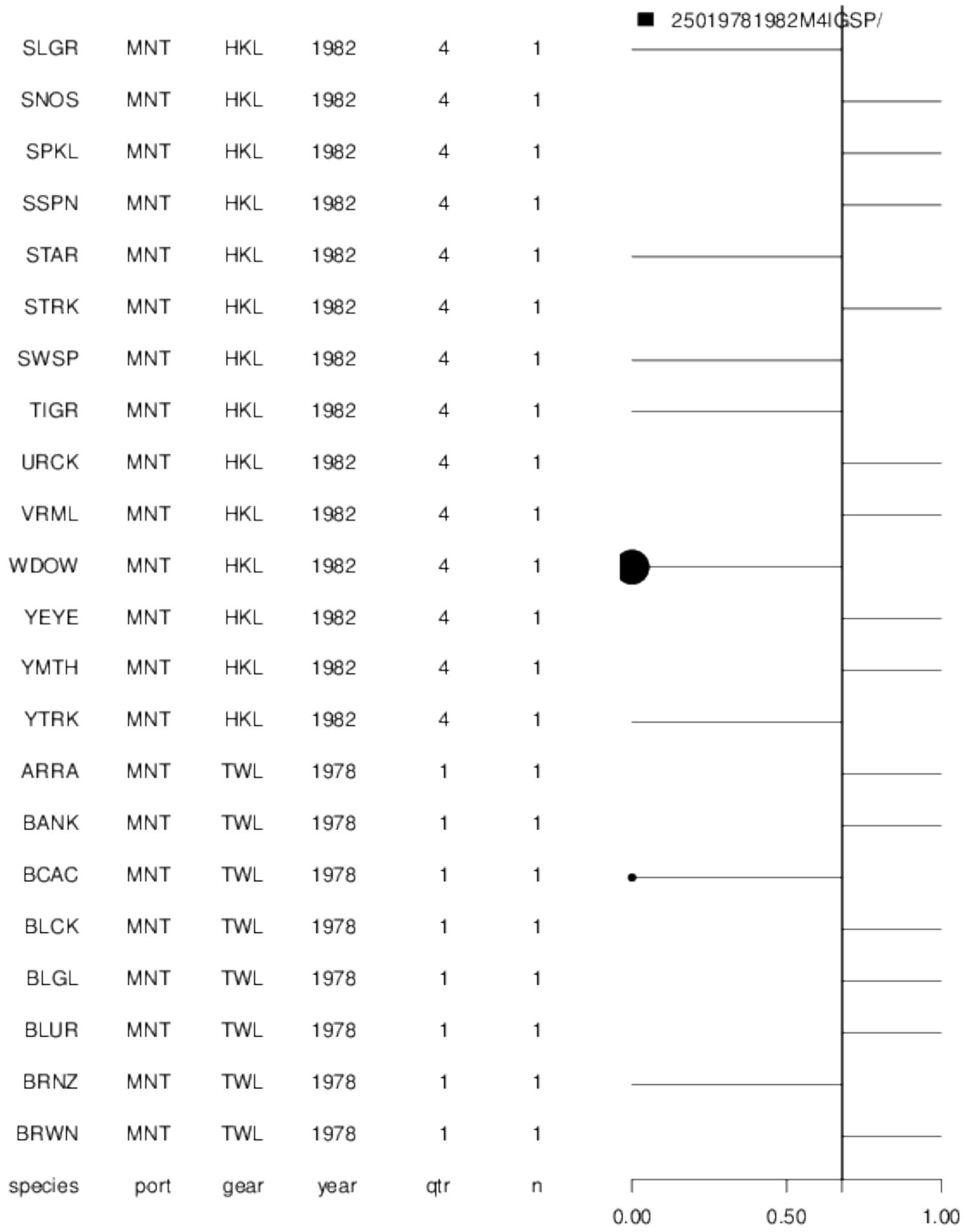


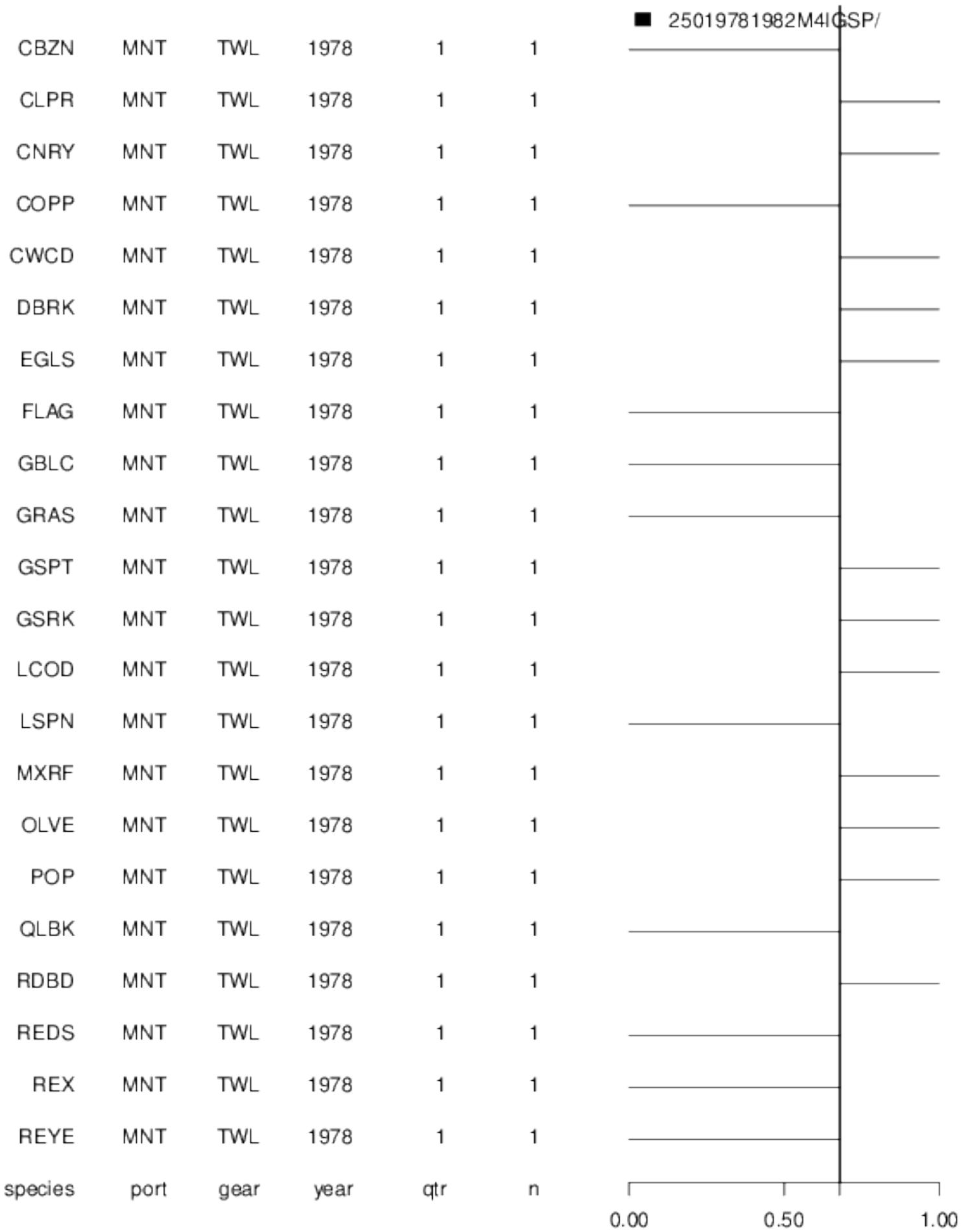


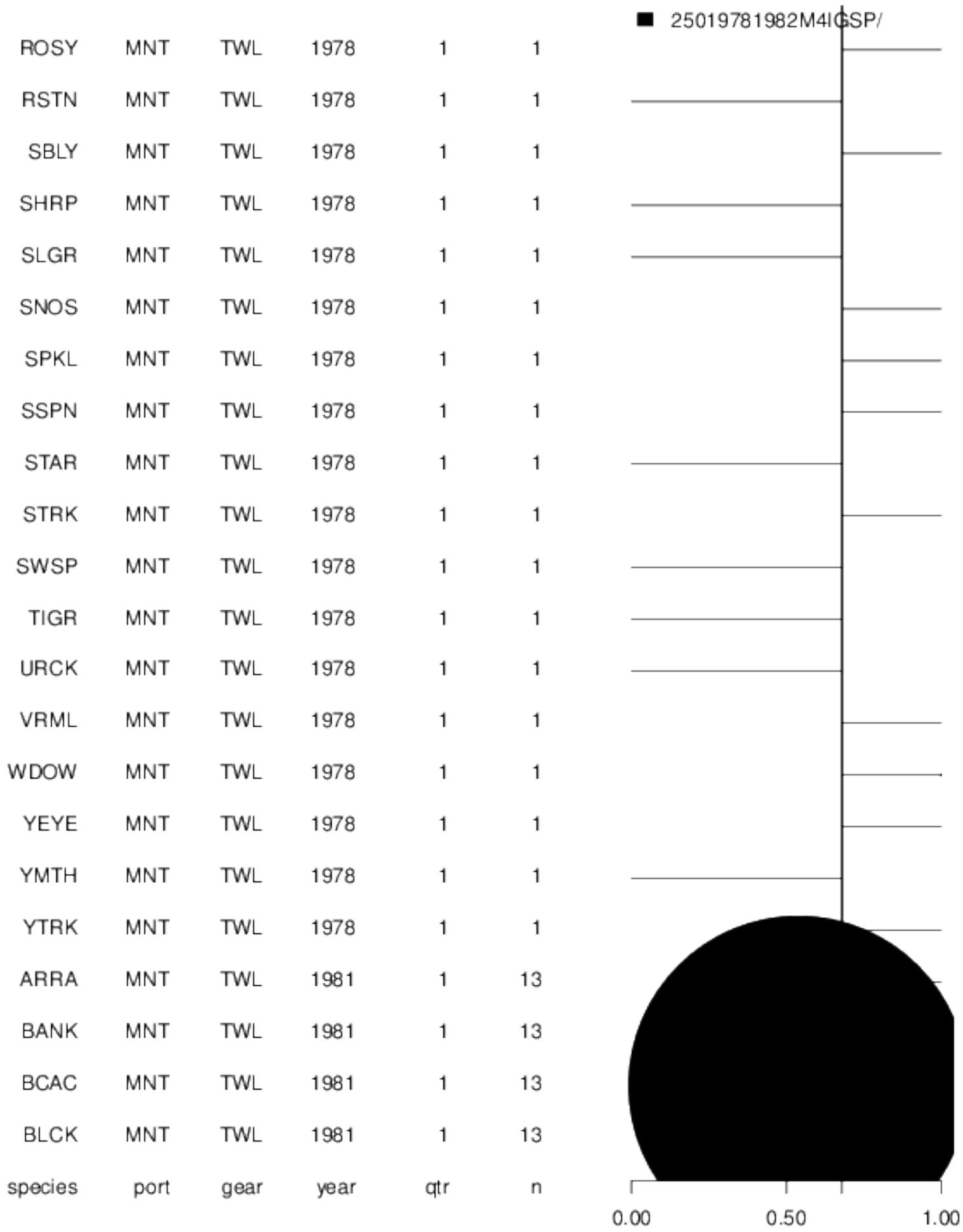


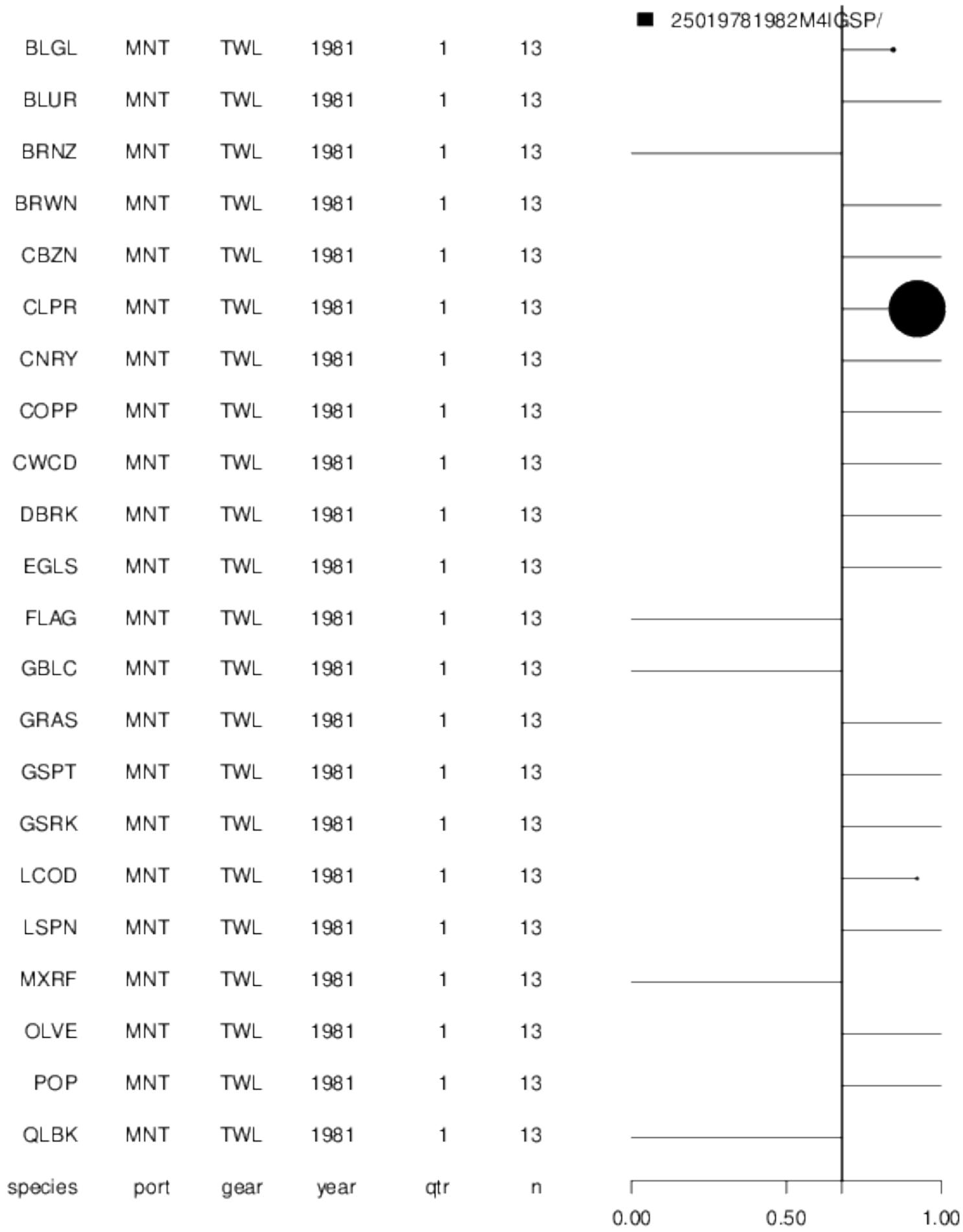


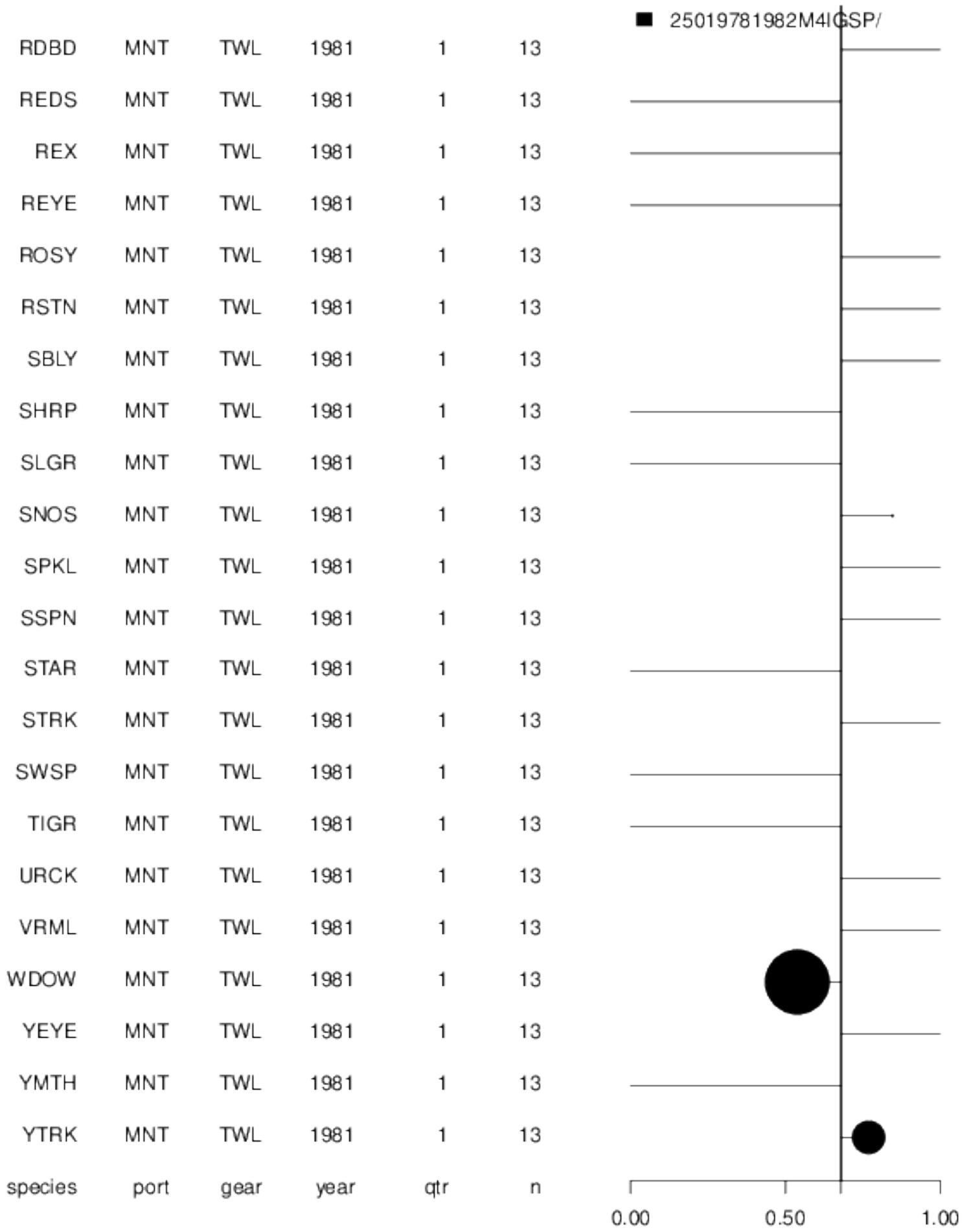




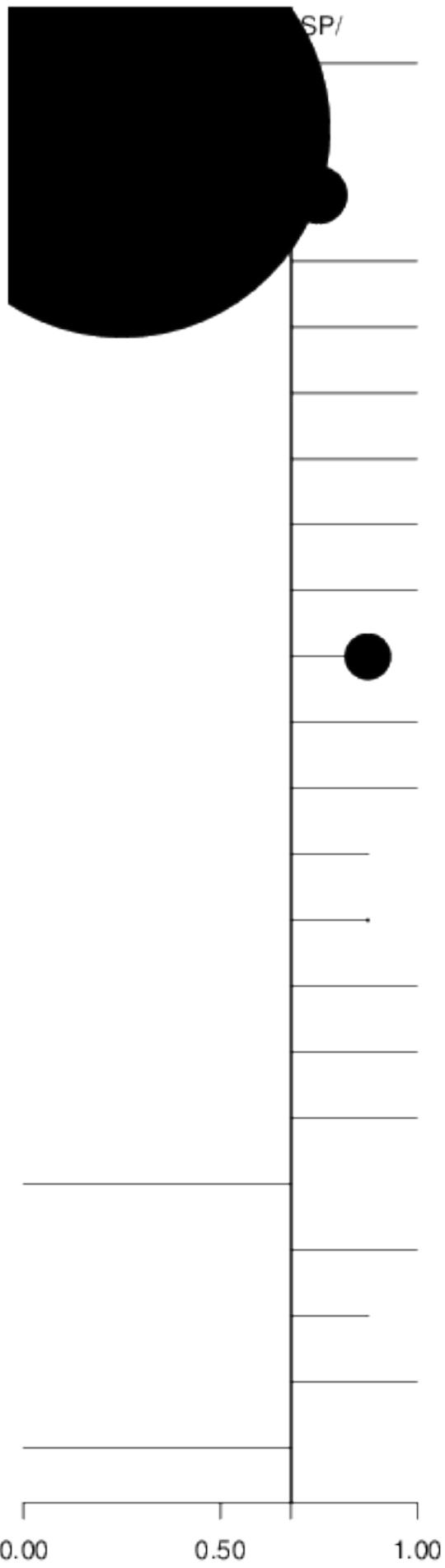


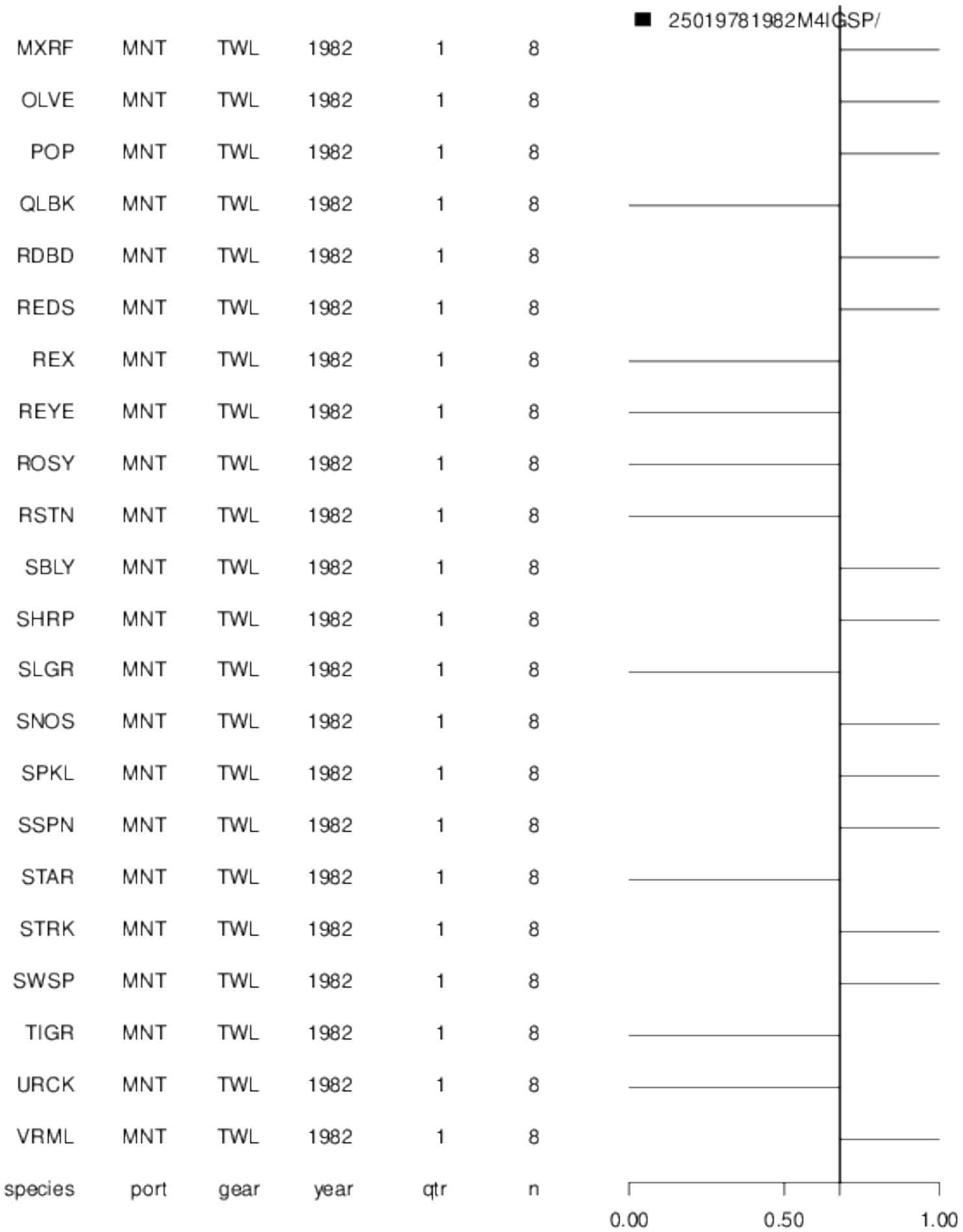


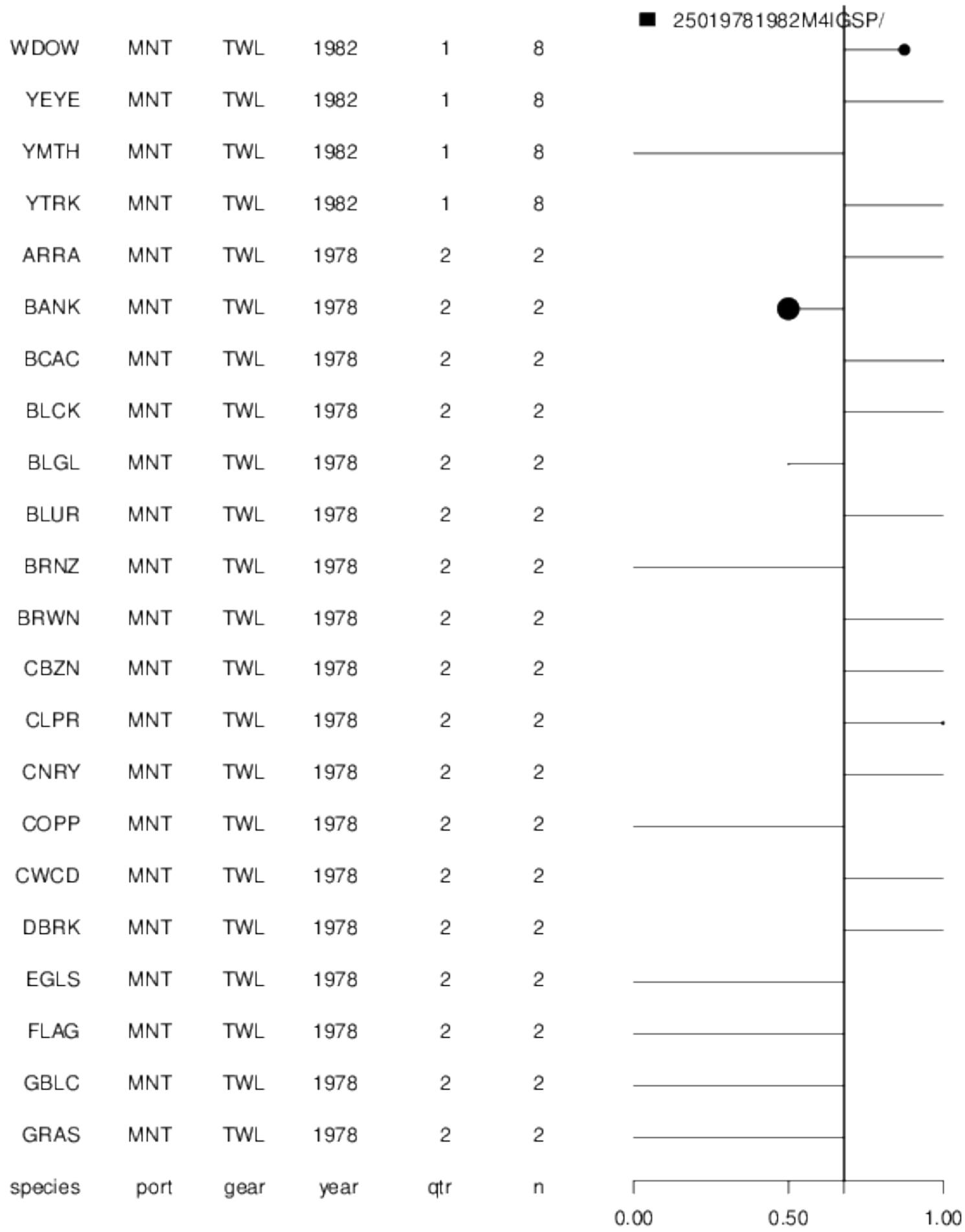


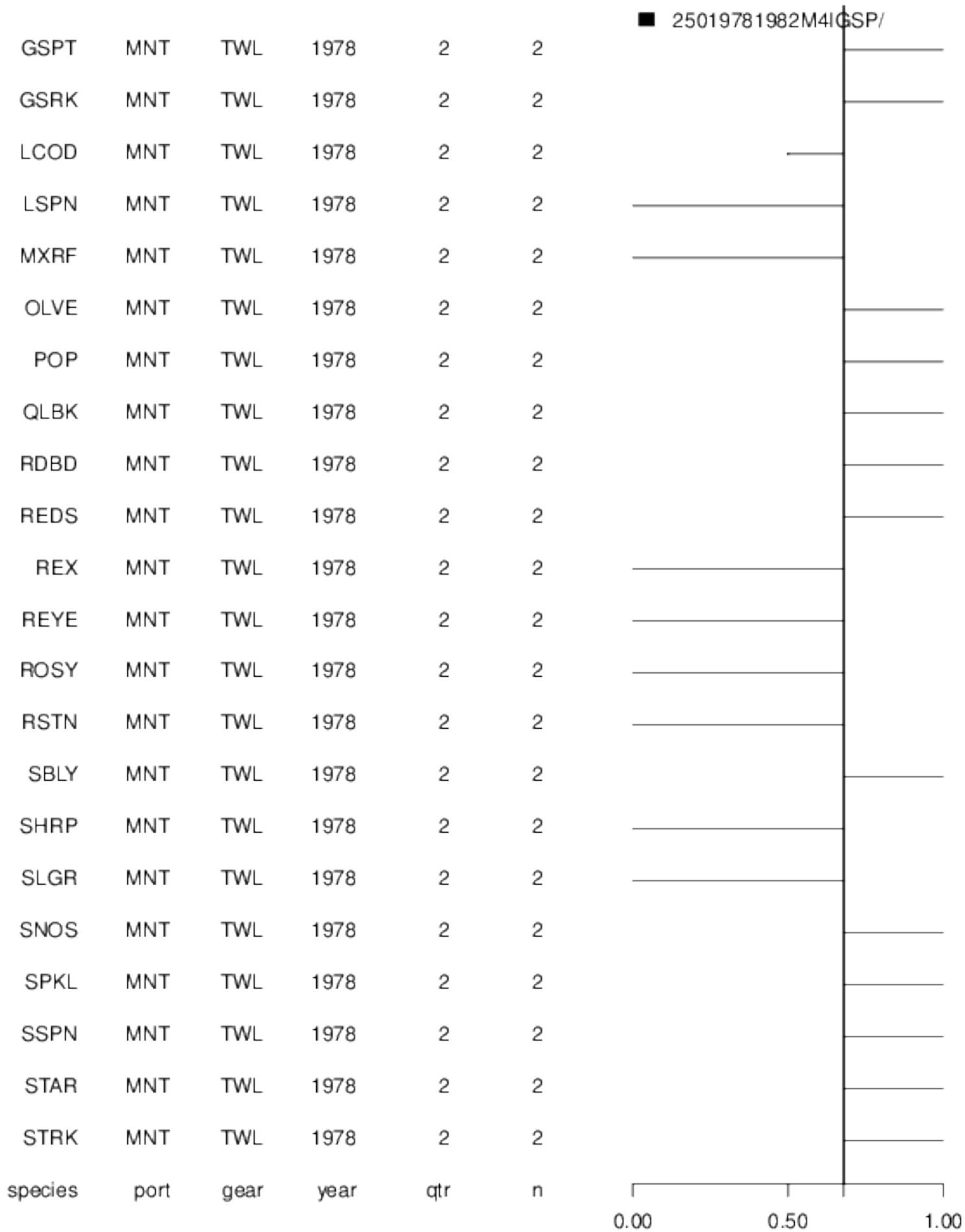


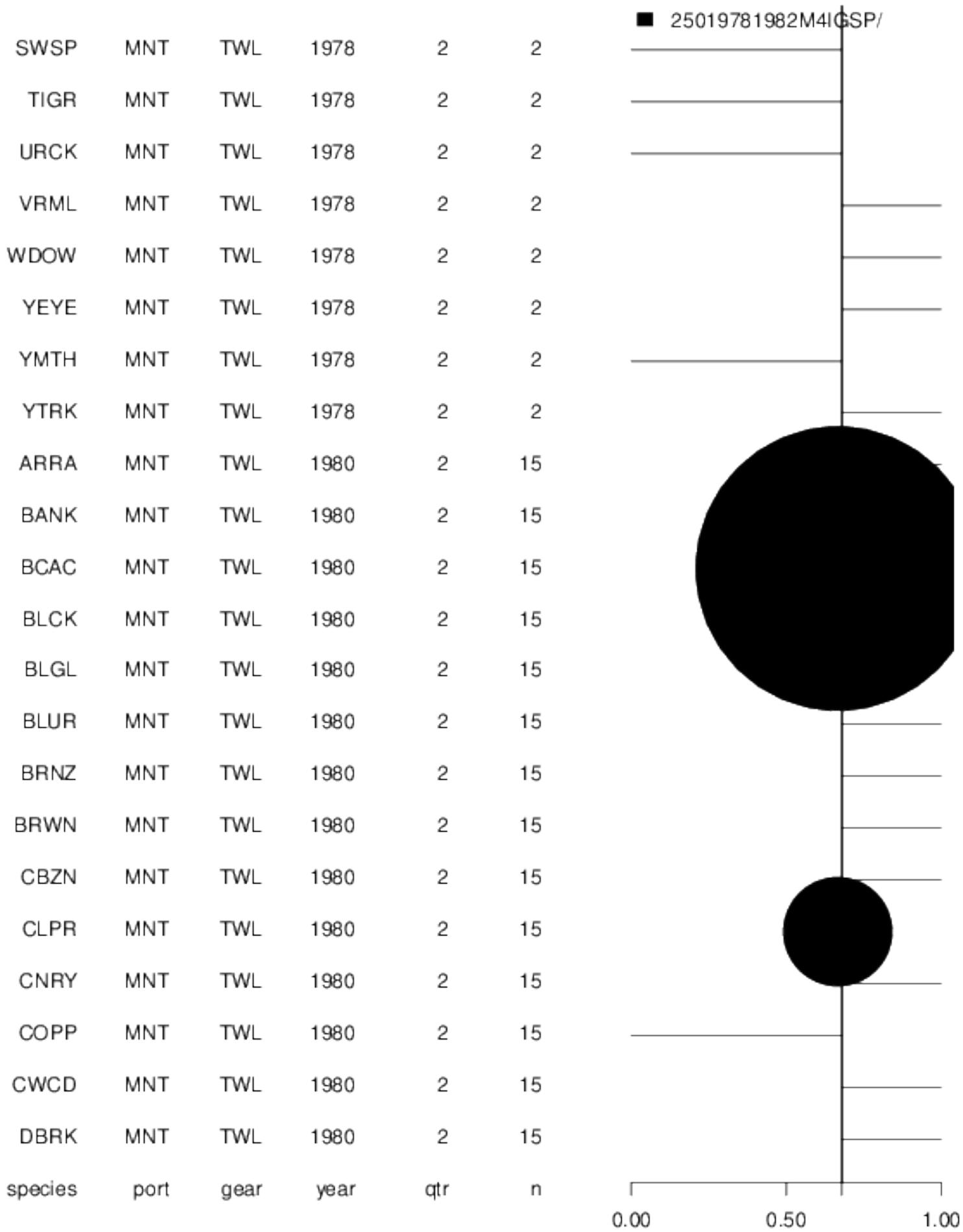
ARRA	MNT	TWL	1982	1	8
BANK	MNT	TWL	1982	1	8
BCAC	MNT	TWL	1982	1	8
BLCK	MNT	TWL	1982	1	8
BLGL	MNT	TWL	1982	1	8
BLUR	MNT	TWL	1982	1	8
BRNZ	MNT	TWL	1982	1	8
BRWN	MNT	TWL	1982	1	8
CBZN	MNT	TWL	1982	1	8
CLPR	MNT	TWL	1982	1	8
CNRY	MNT	TWL	1982	1	8
COPP	MNT	TWL	1982	1	8
CWCD	MNT	TWL	1982	1	8
DBRK	MNT	TWL	1982	1	8
EGLS	MNT	TWL	1982	1	8
FLAG	MNT	TWL	1982	1	8
GBLC	MNT	TWL	1982	1	8
GRAS	MNT	TWL	1982	1	8
GSPT	MNT	TWL	1982	1	8
GSRK	MNT	TWL	1982	1	8
LCOD	MNT	TWL	1982	1	8
LSPN	MNT	TWL	1982	1	8
species	port	gear	year	qtr	n

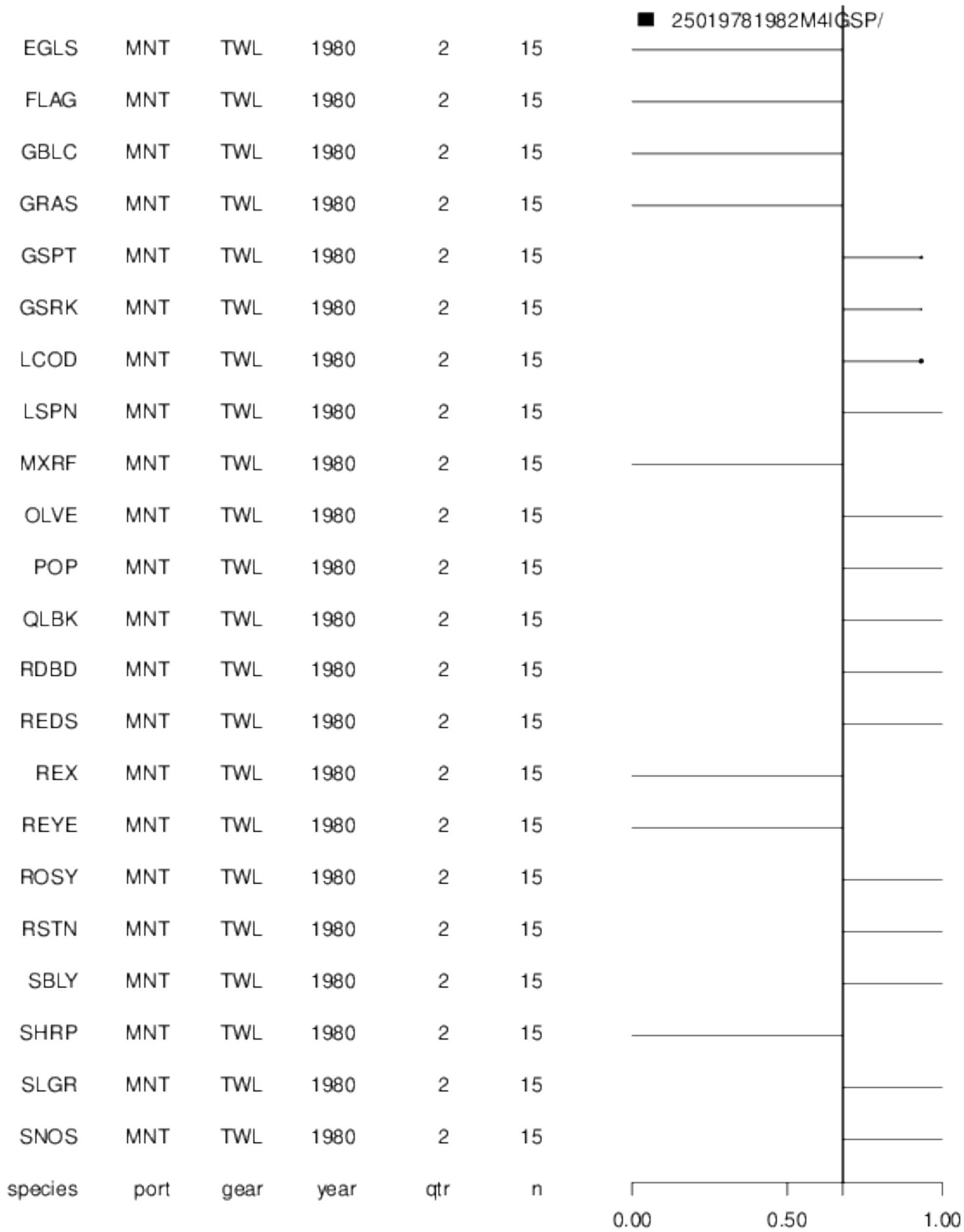


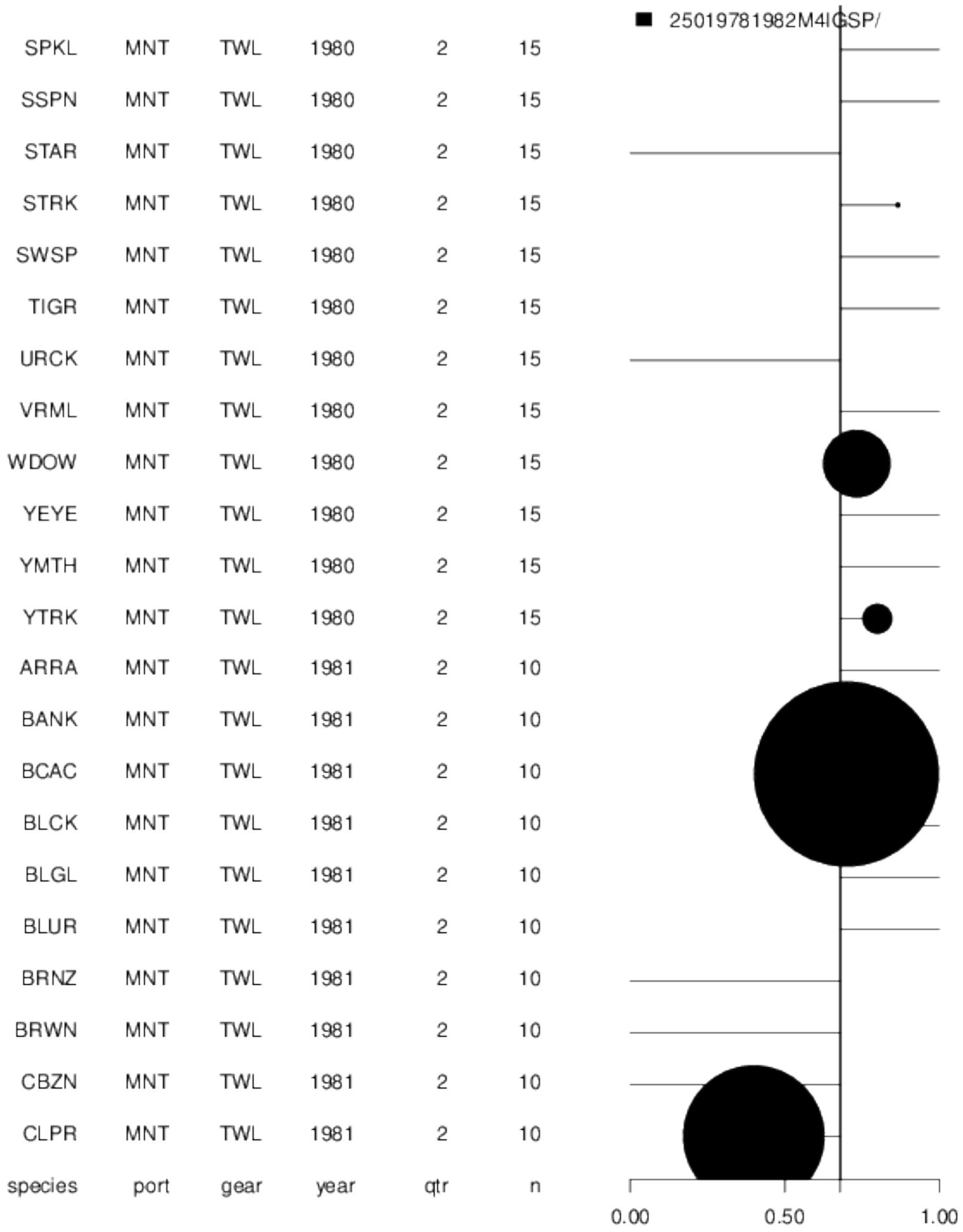


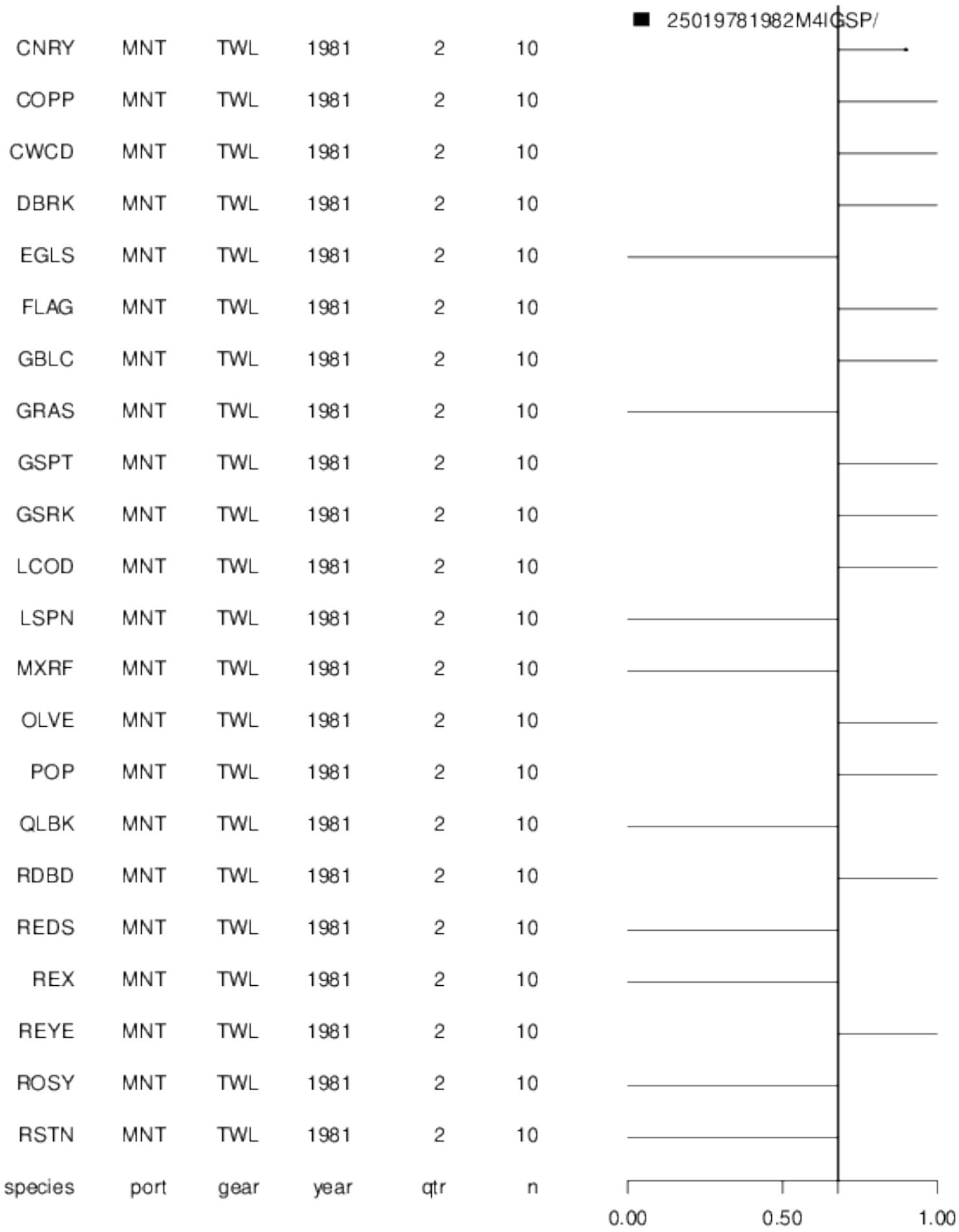


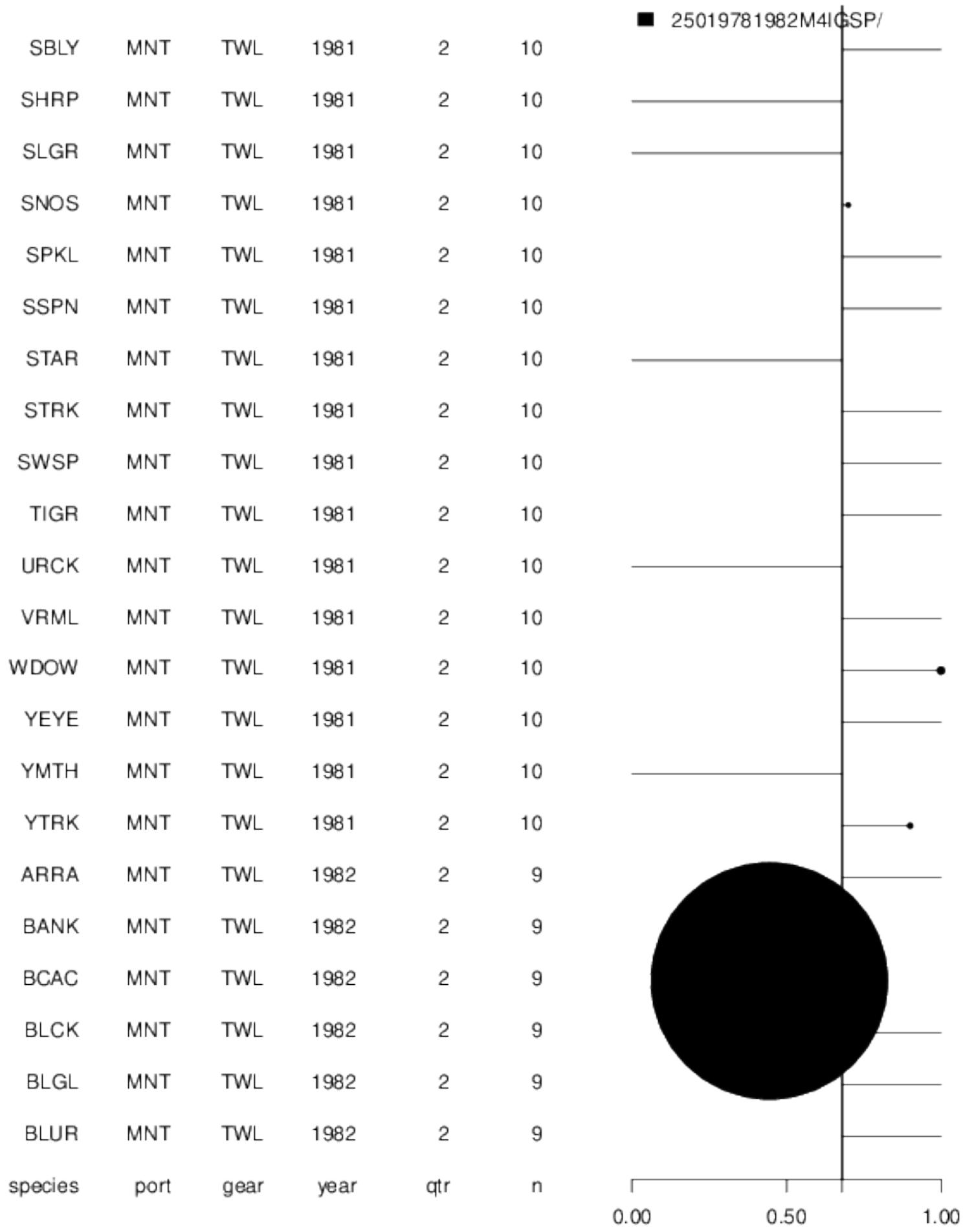


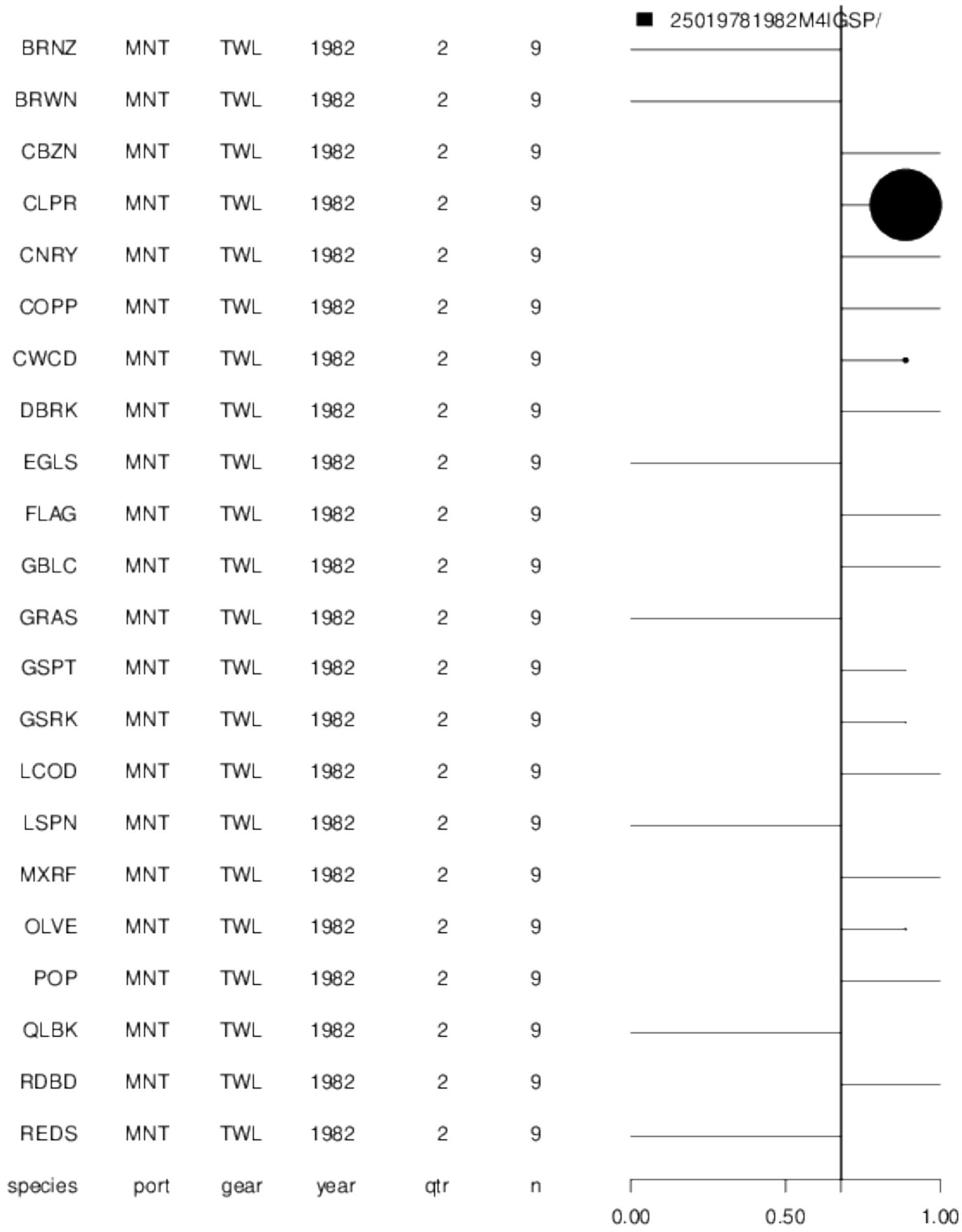


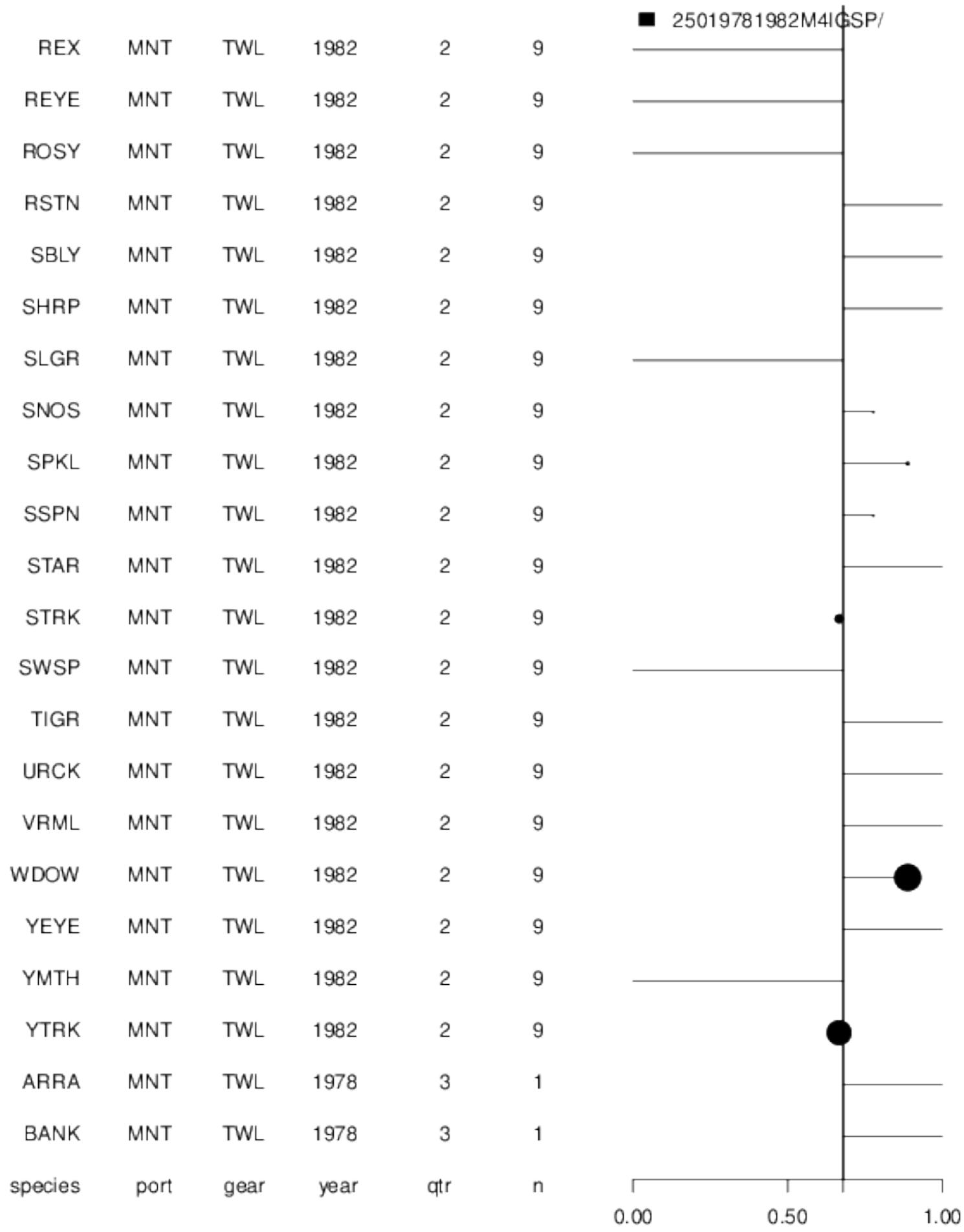


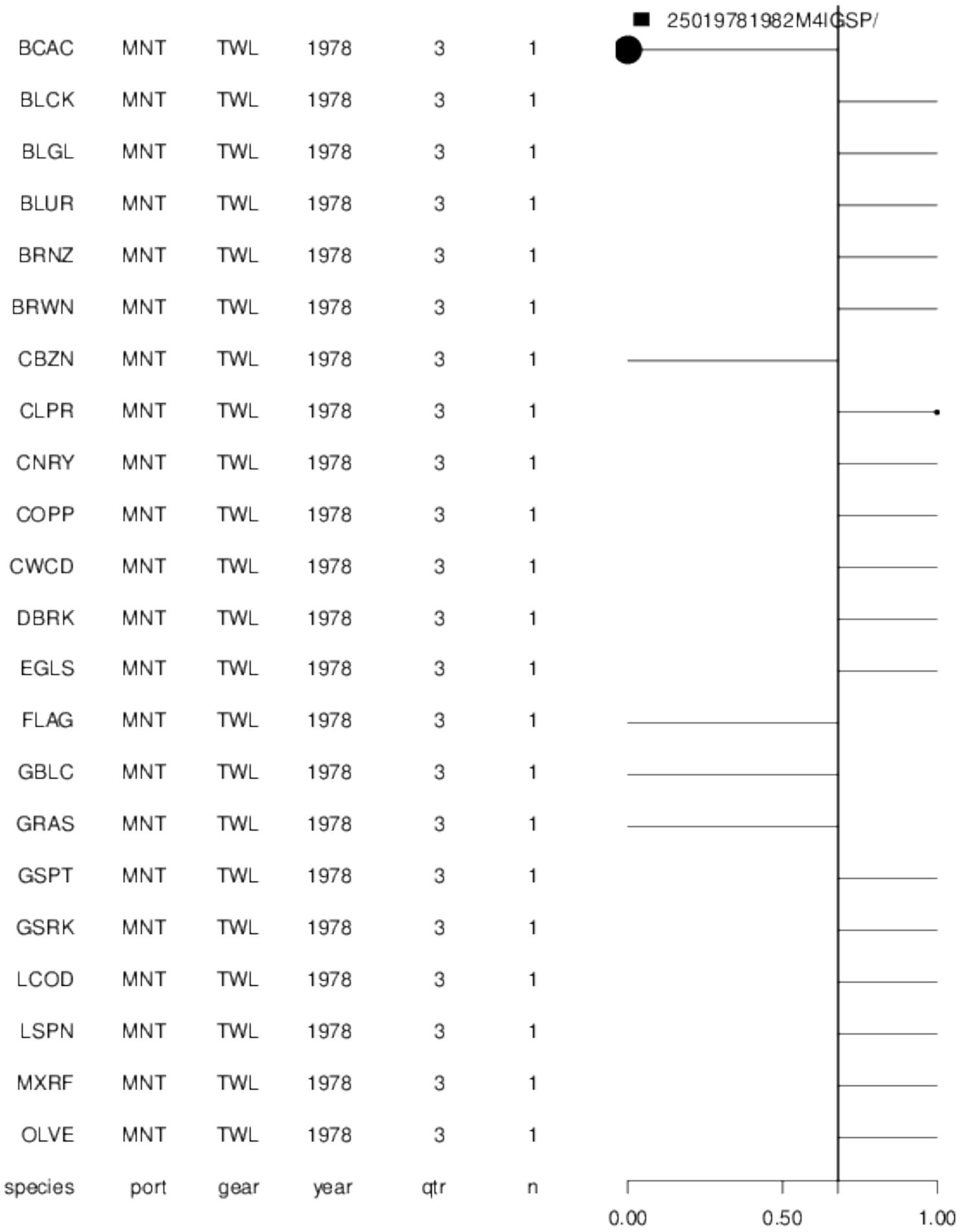


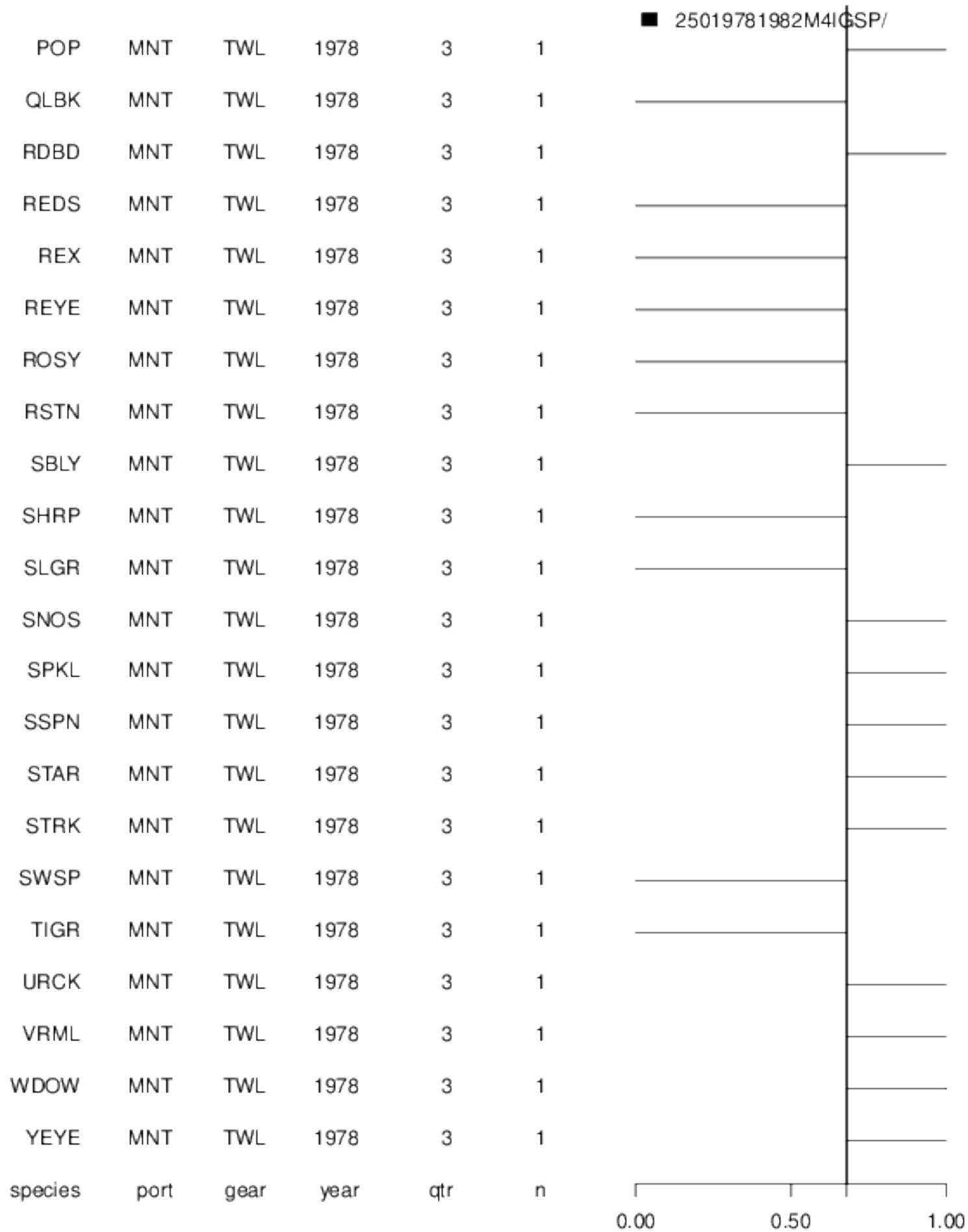


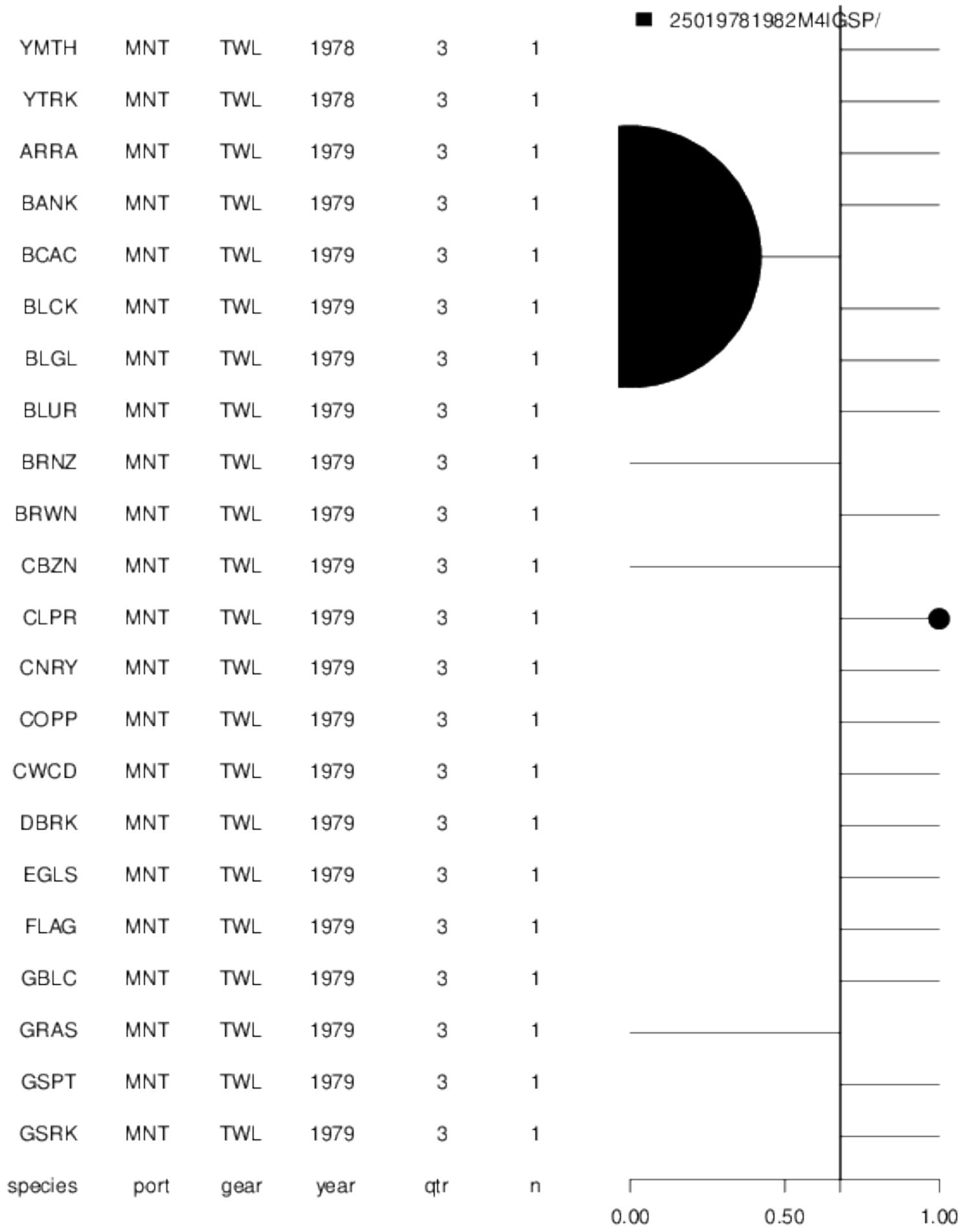


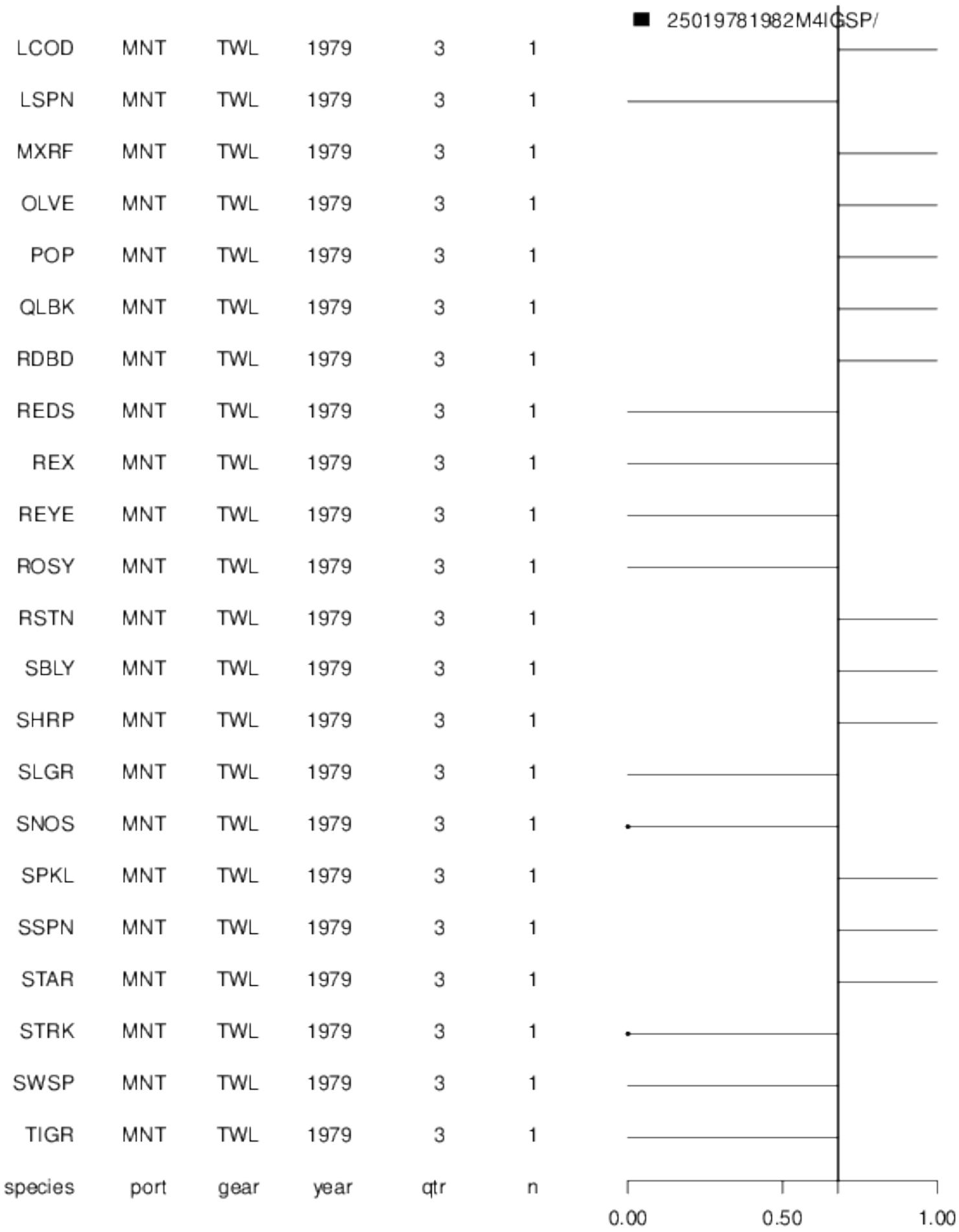


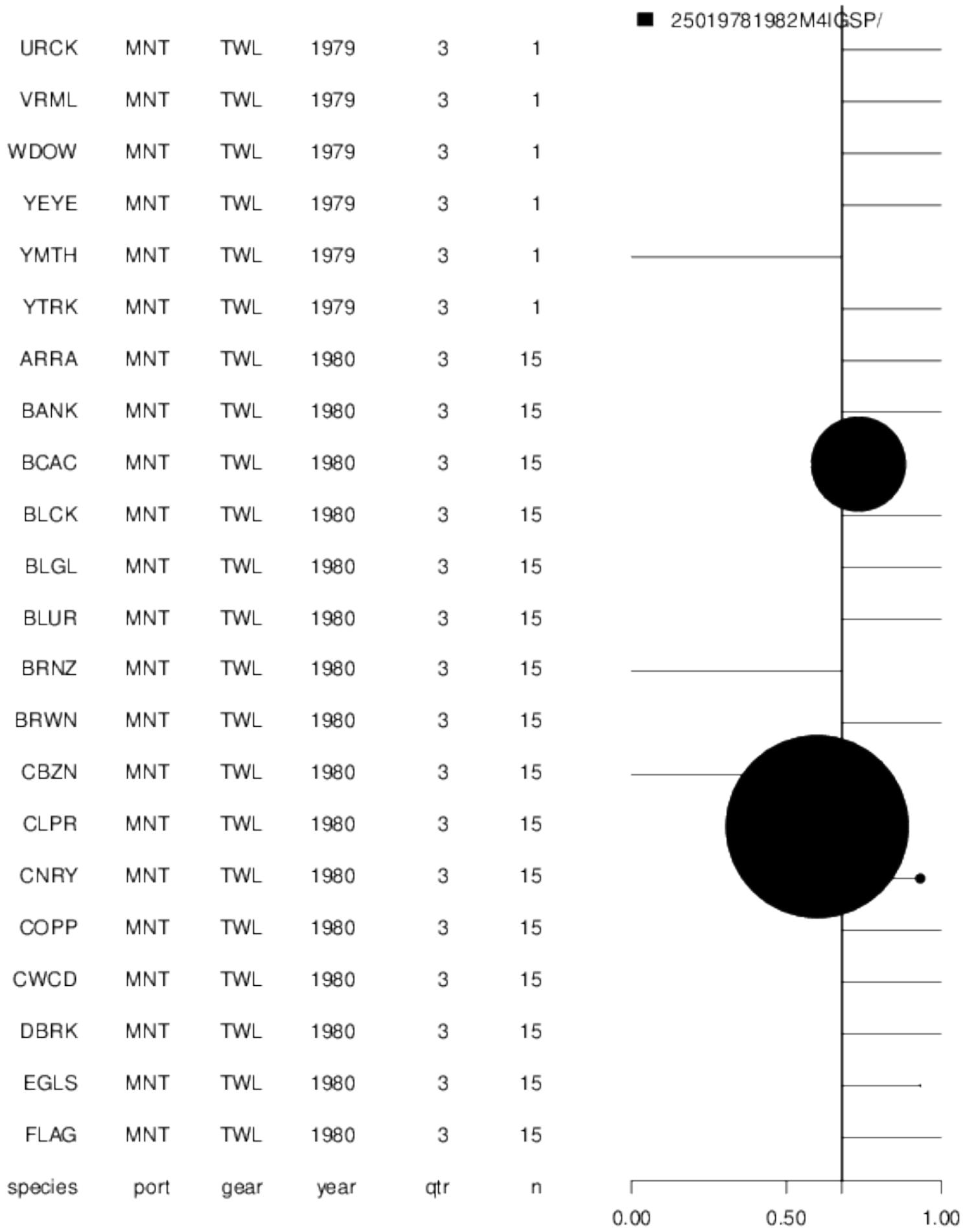


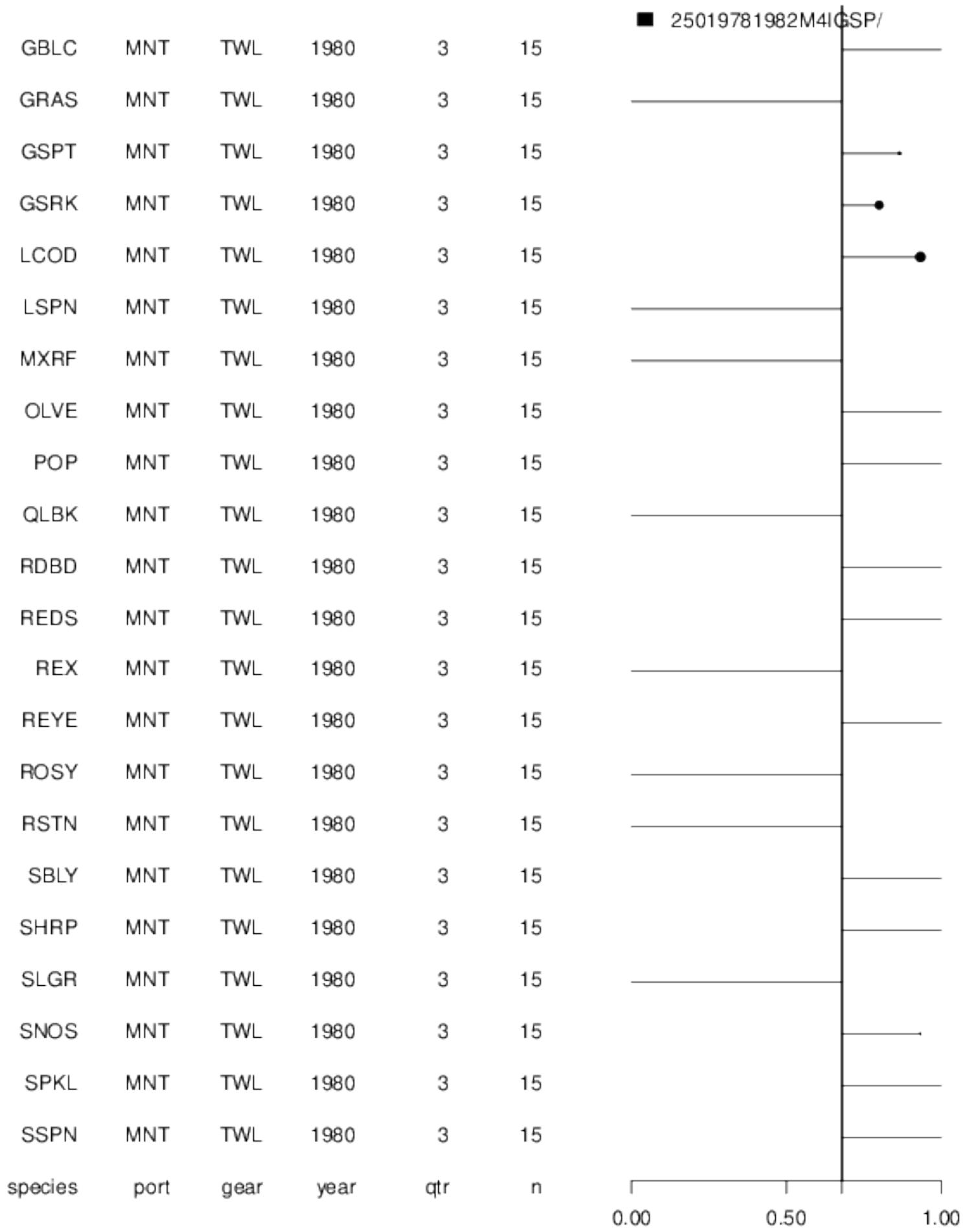


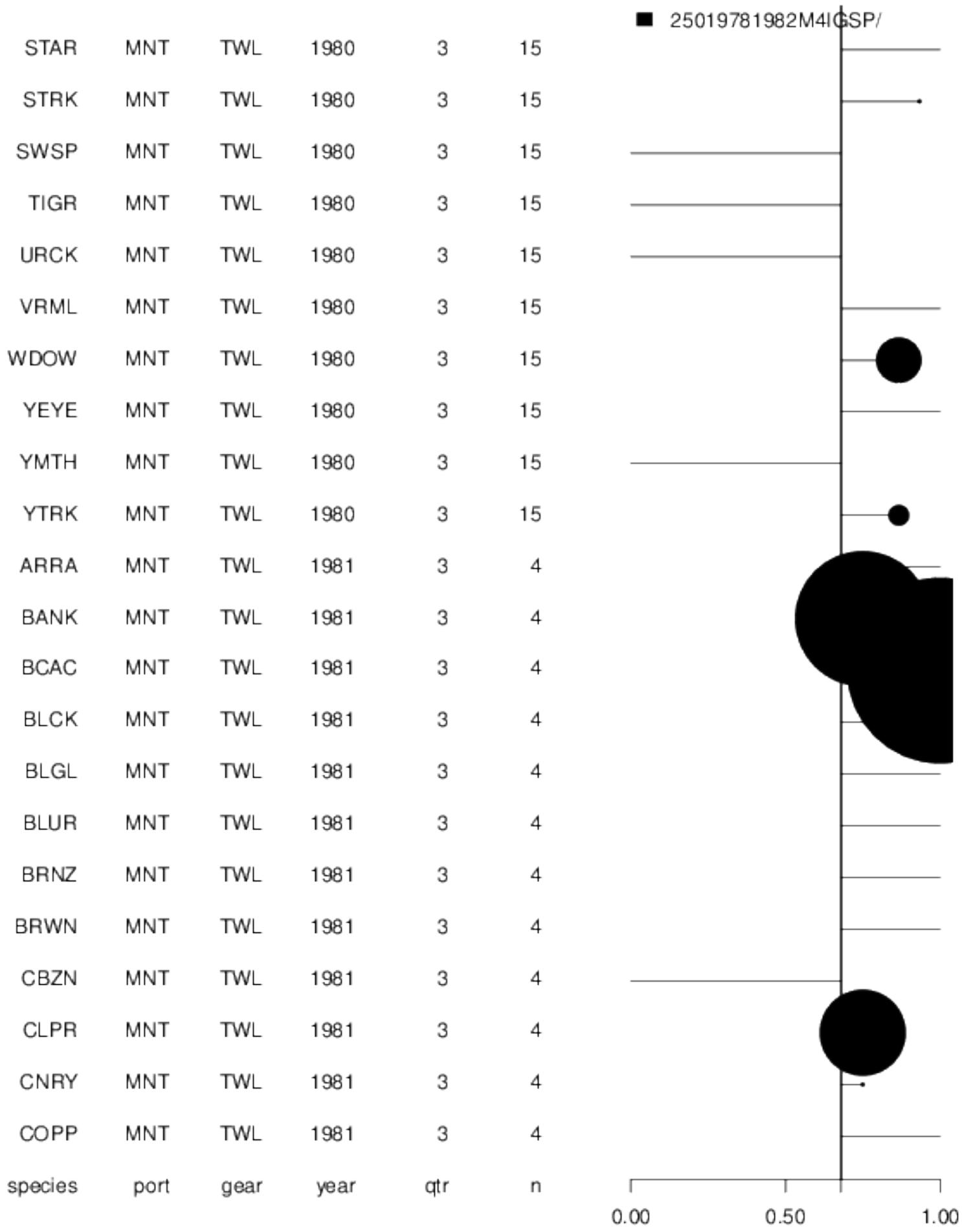


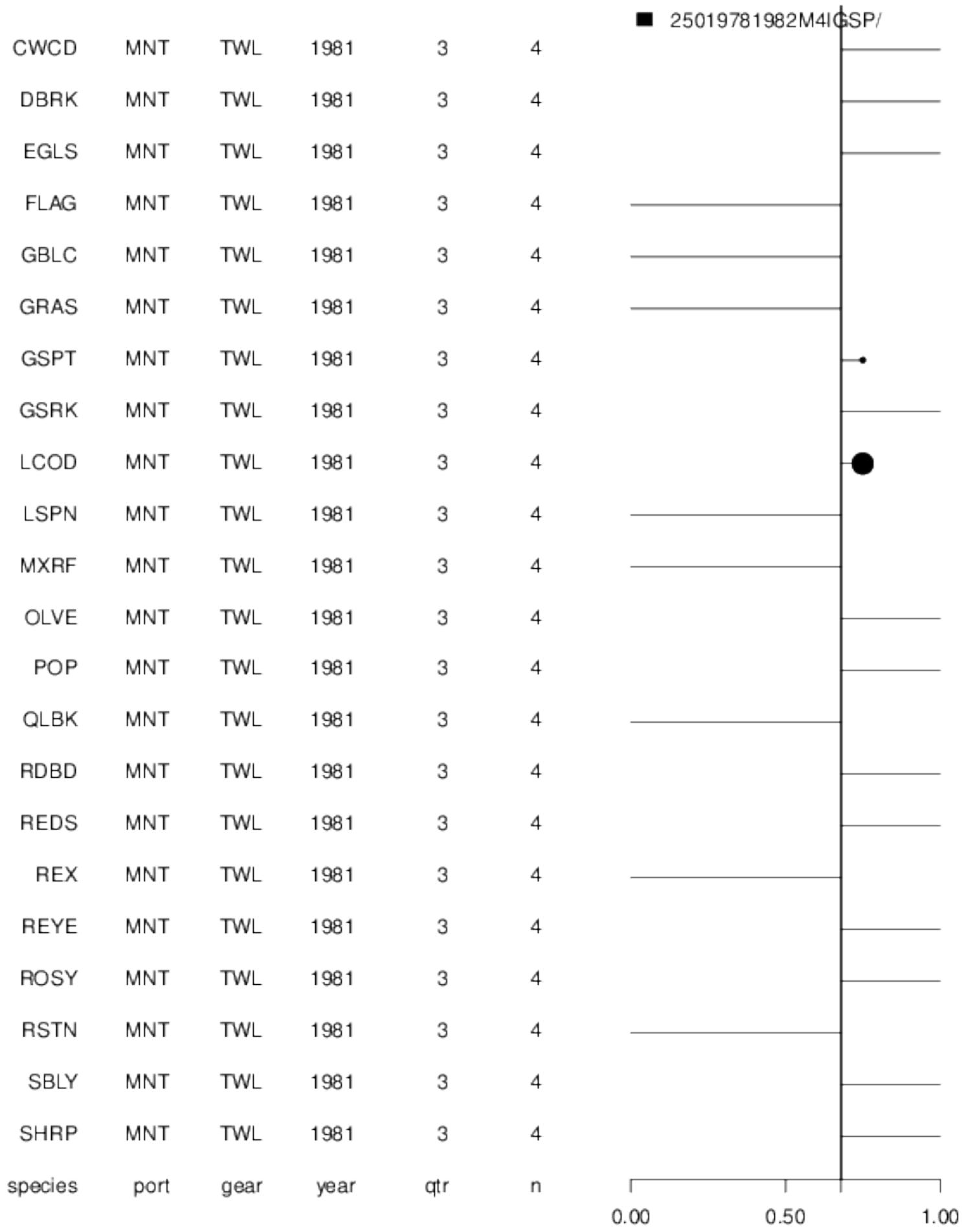


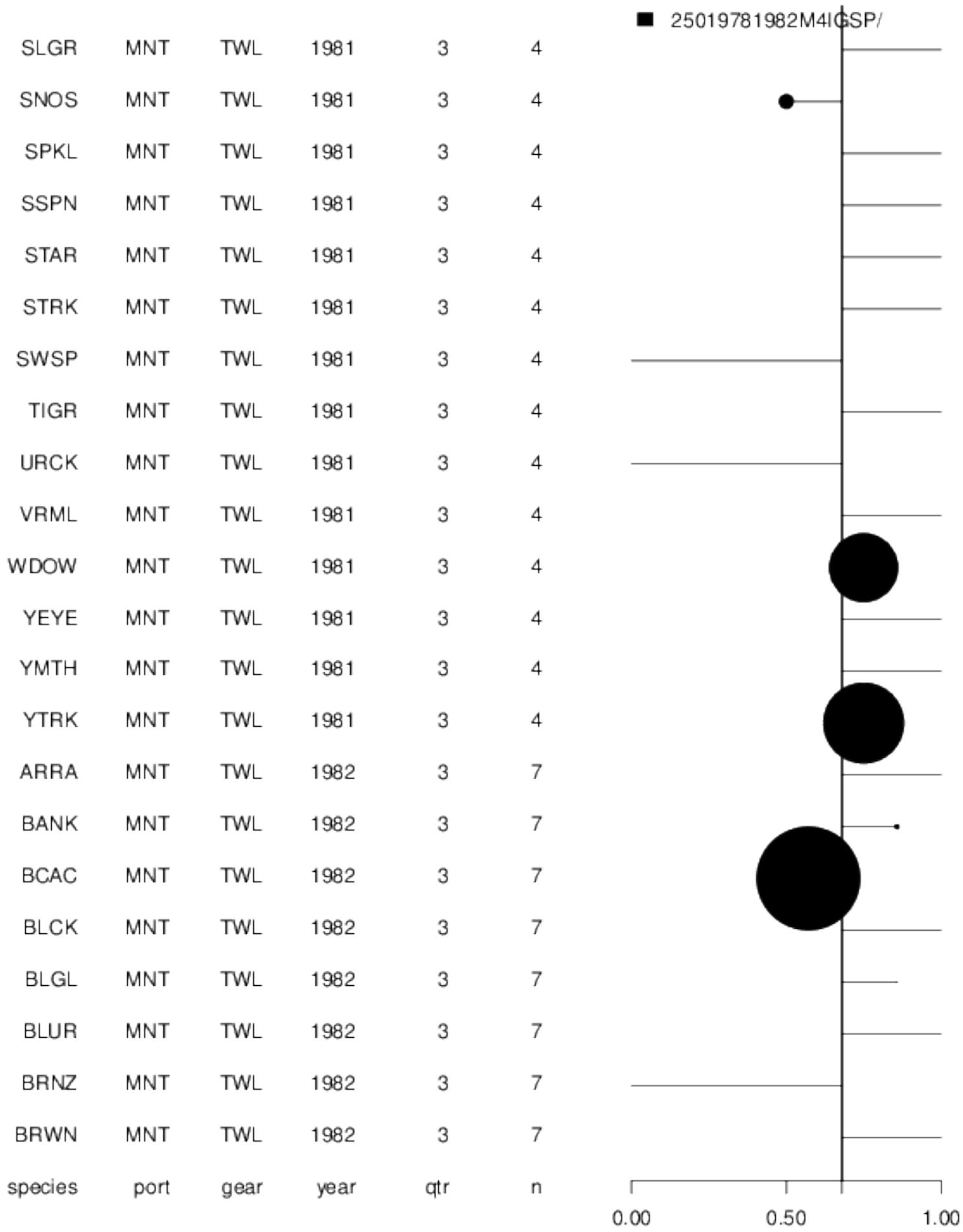


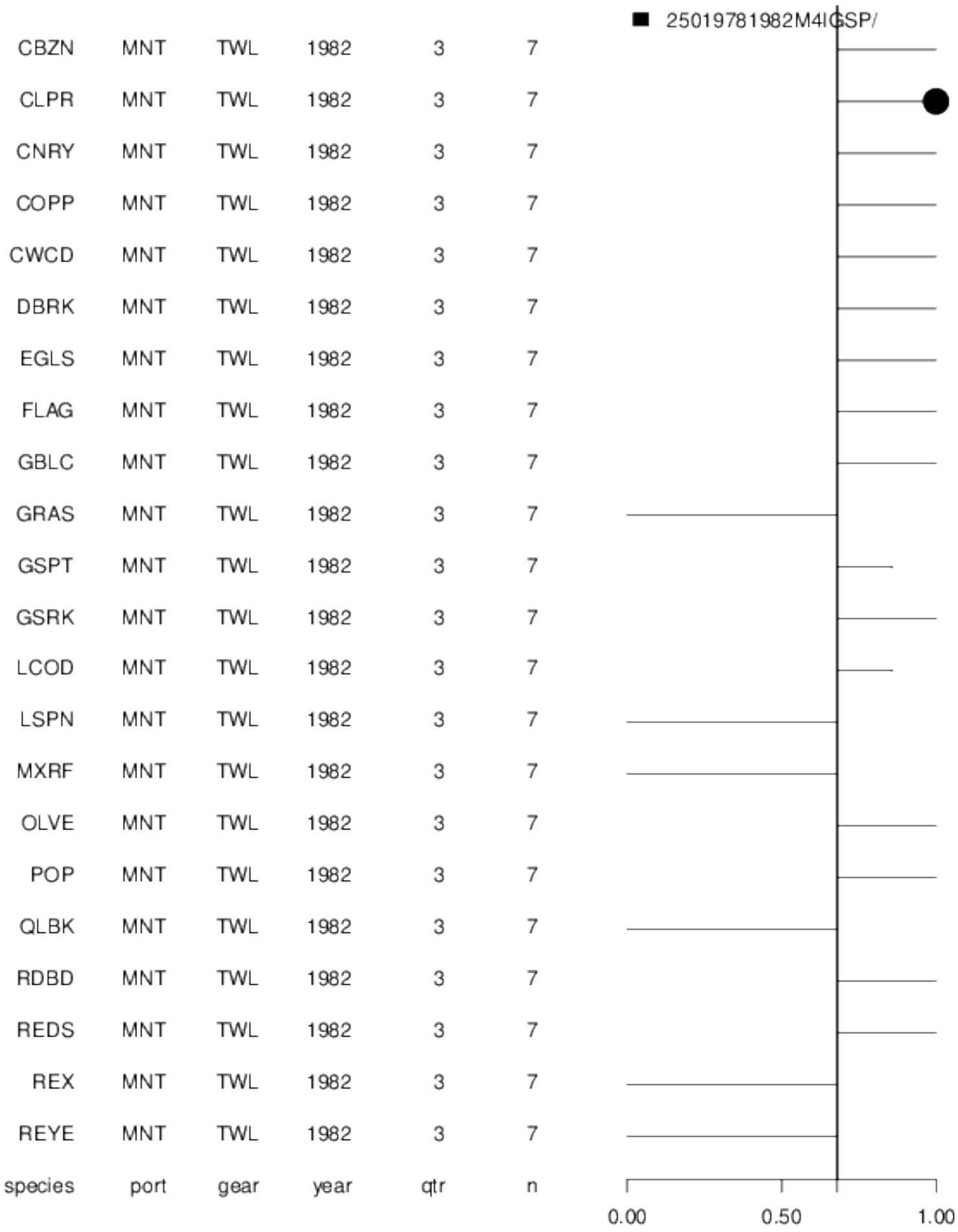


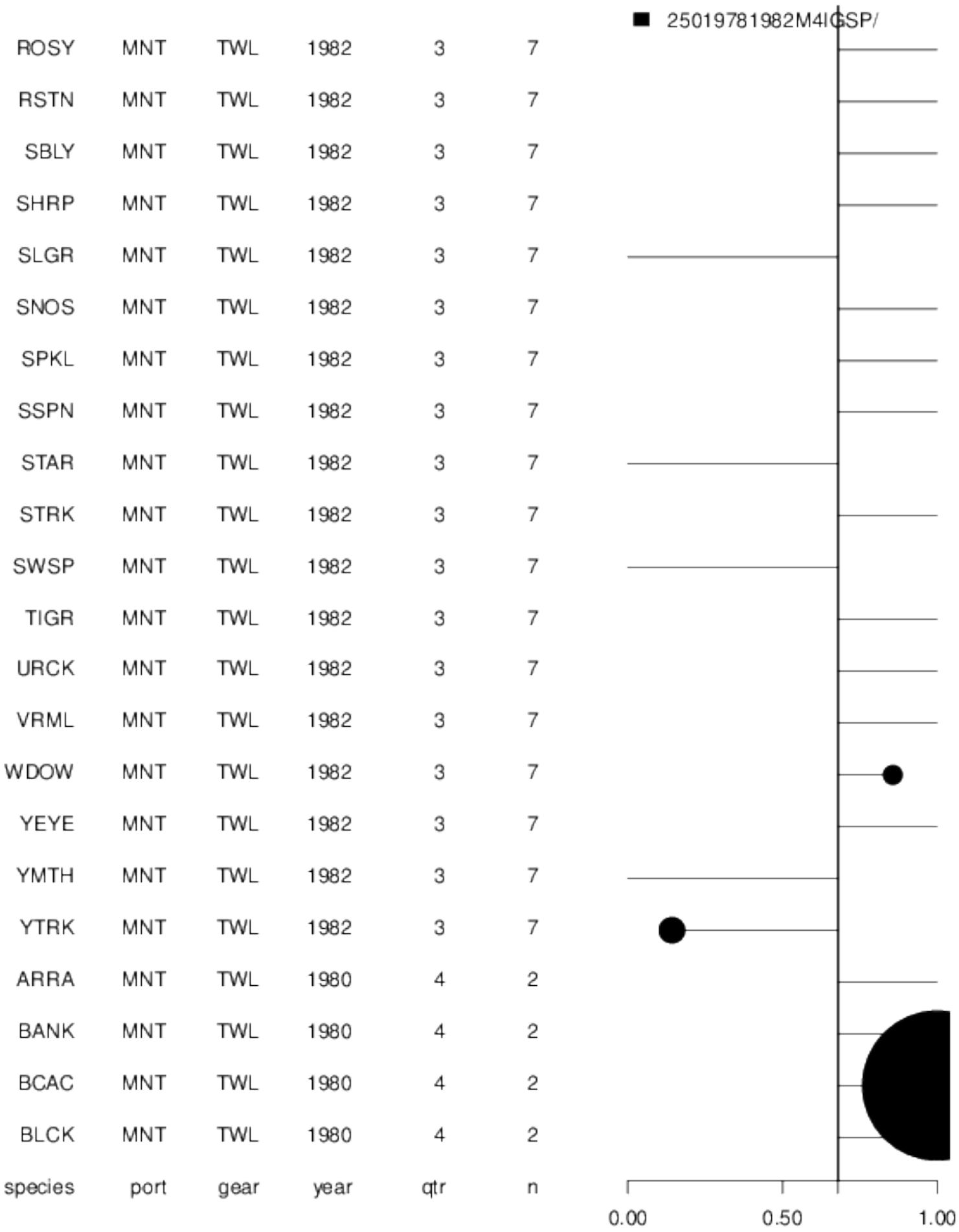


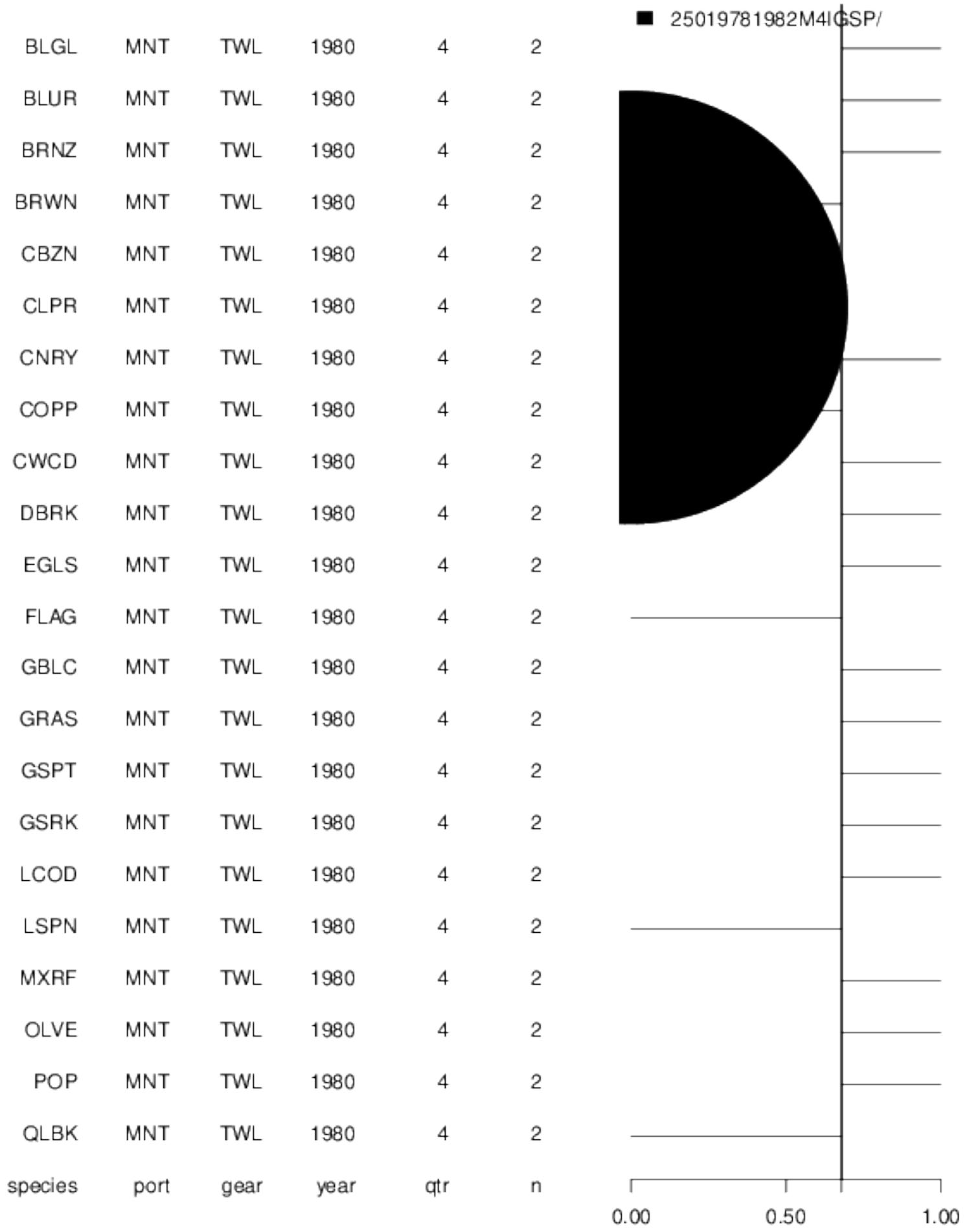


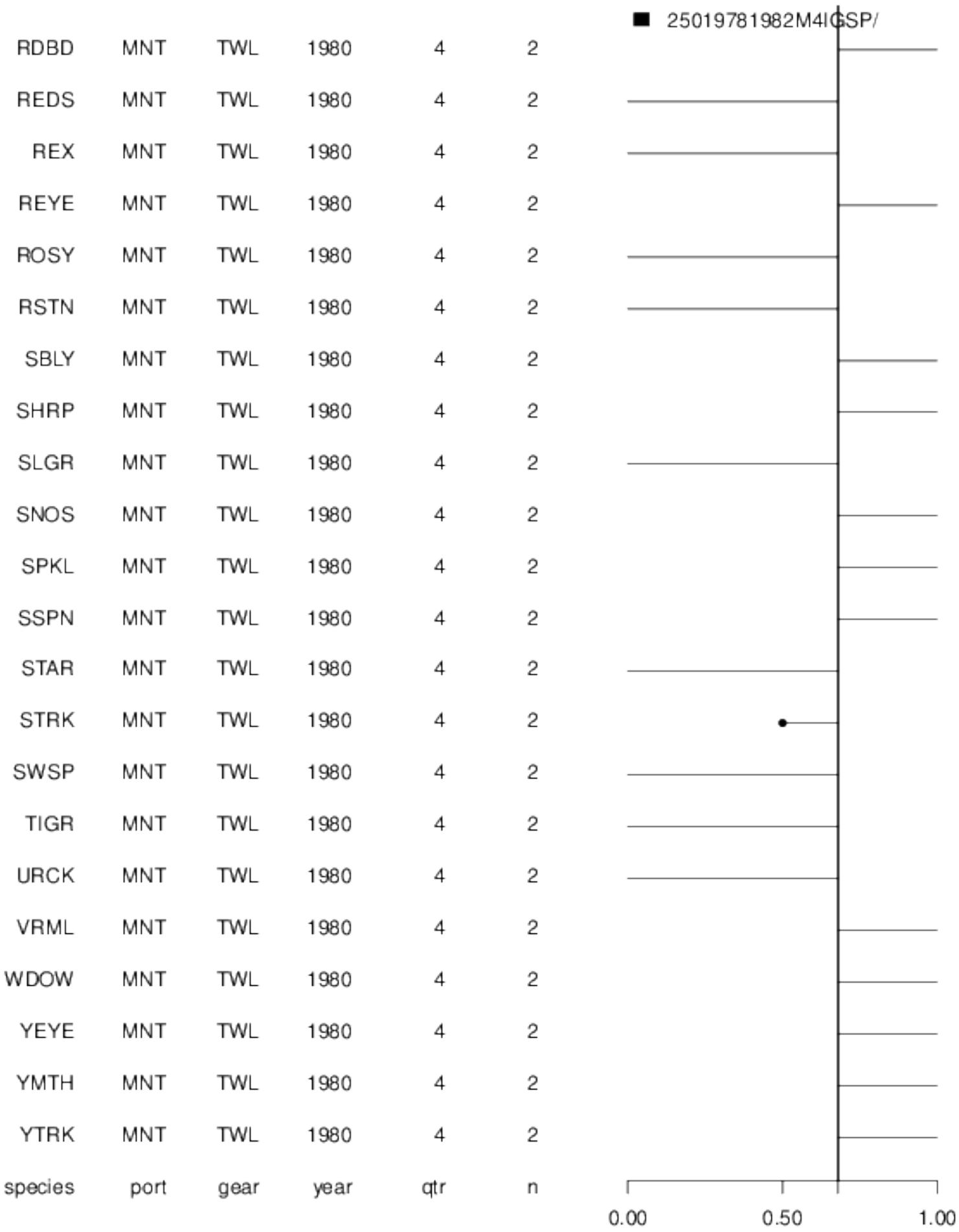


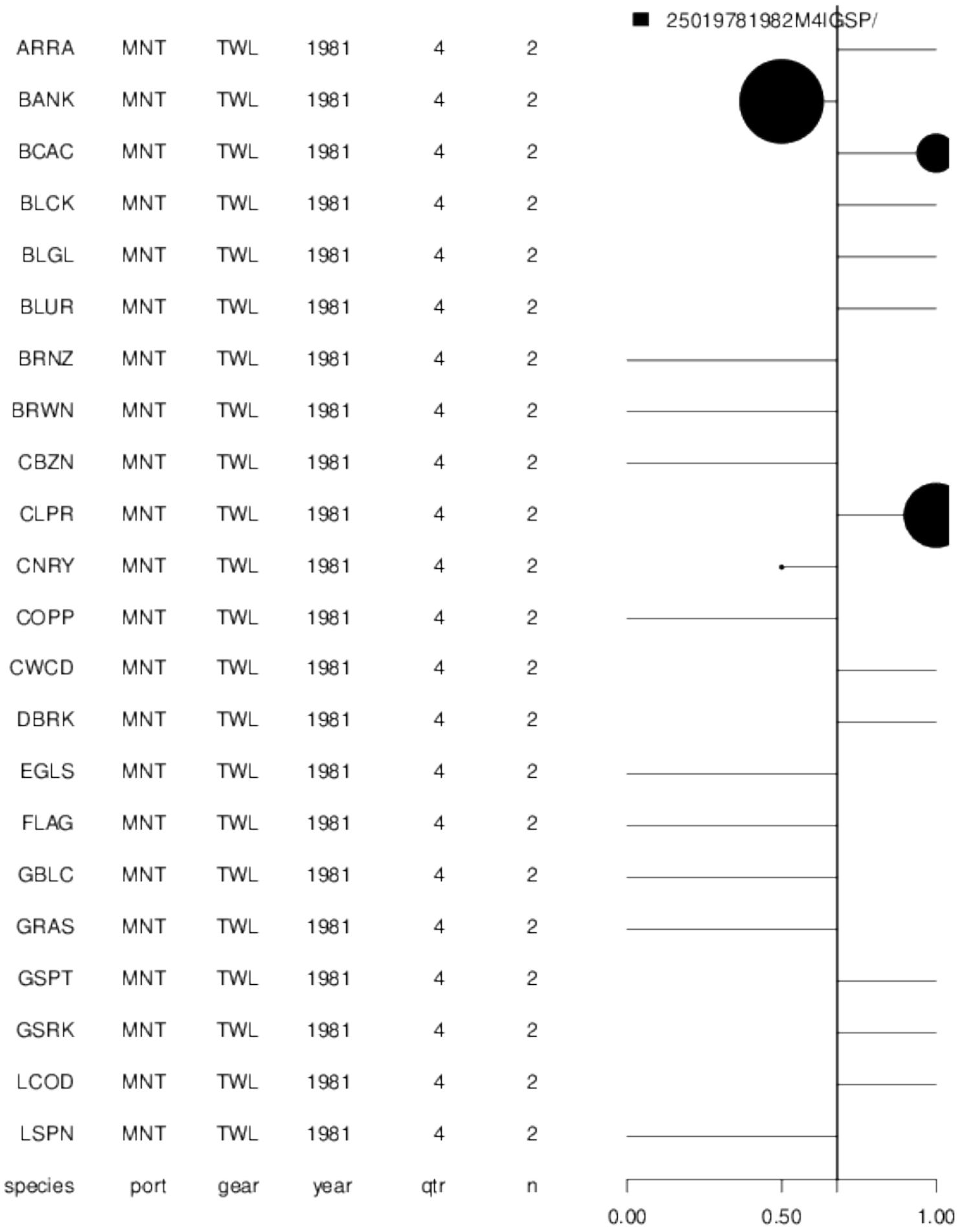


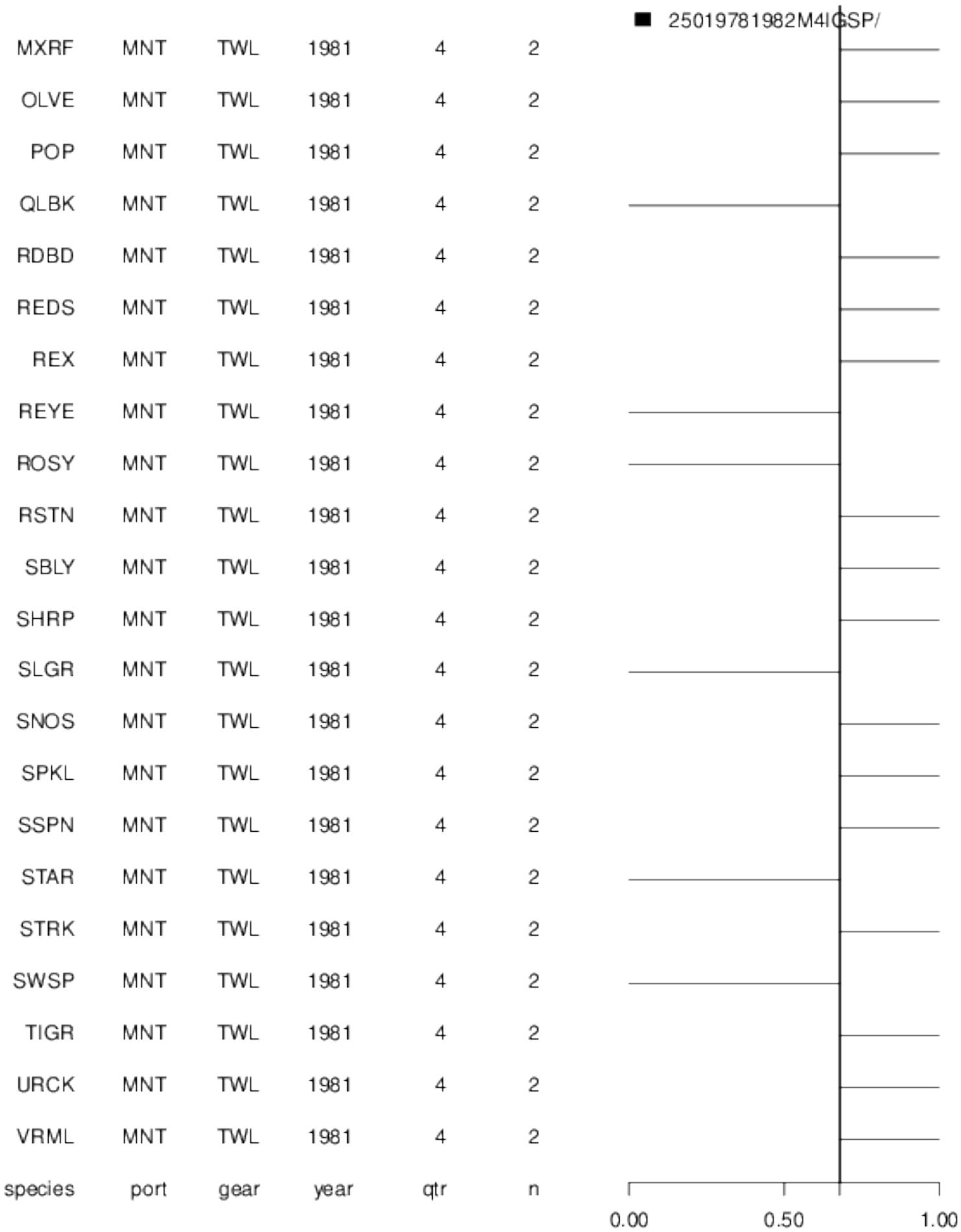


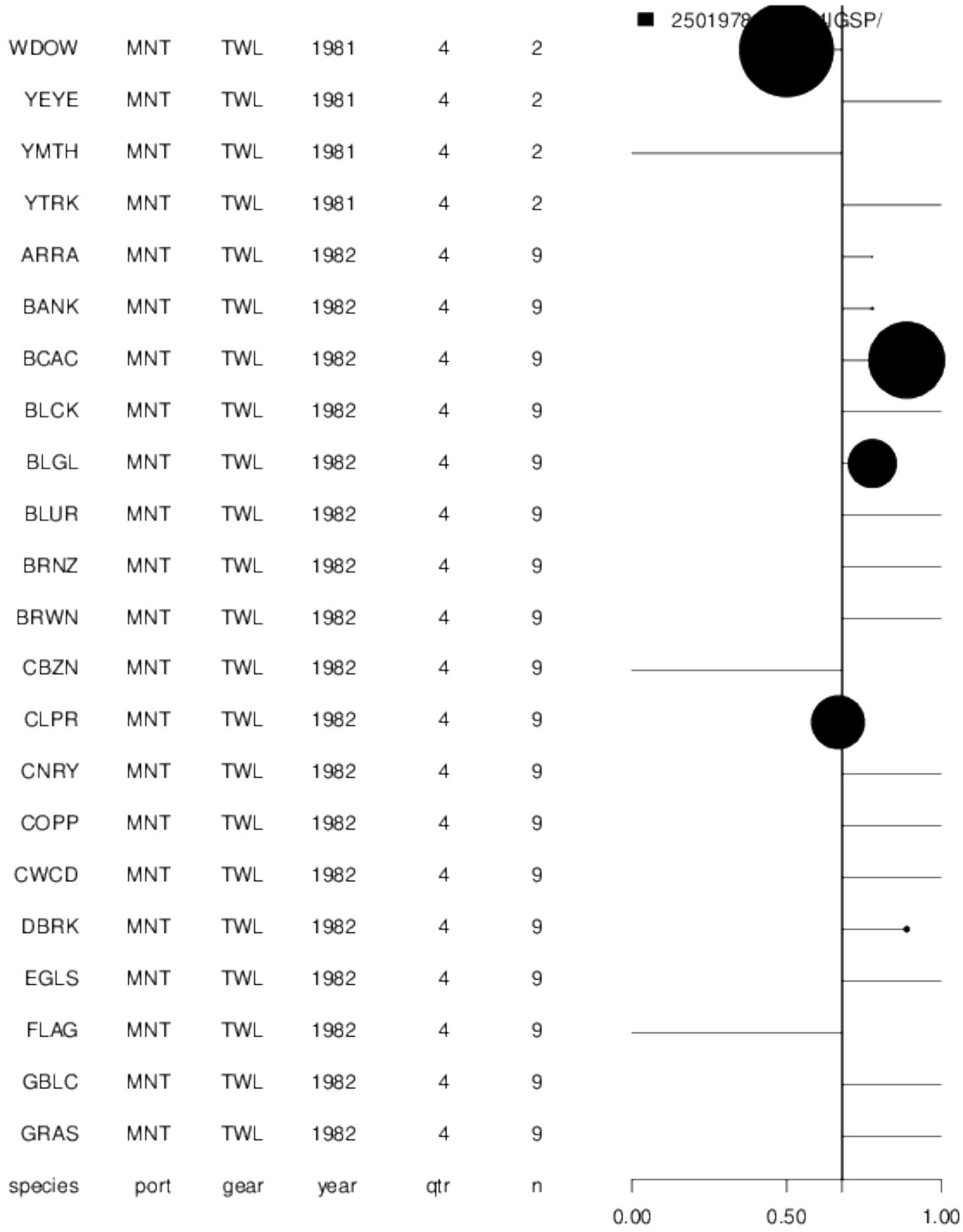


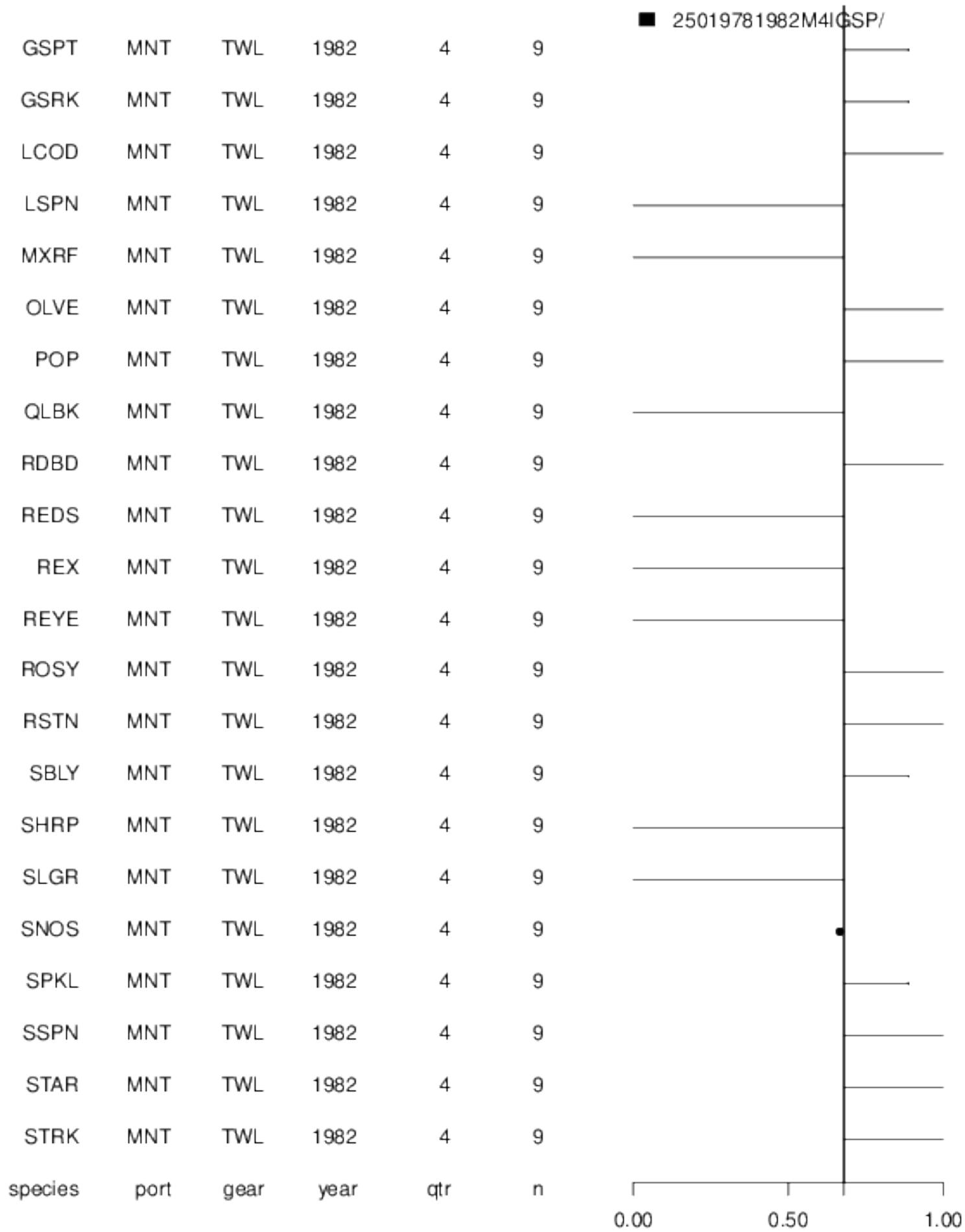


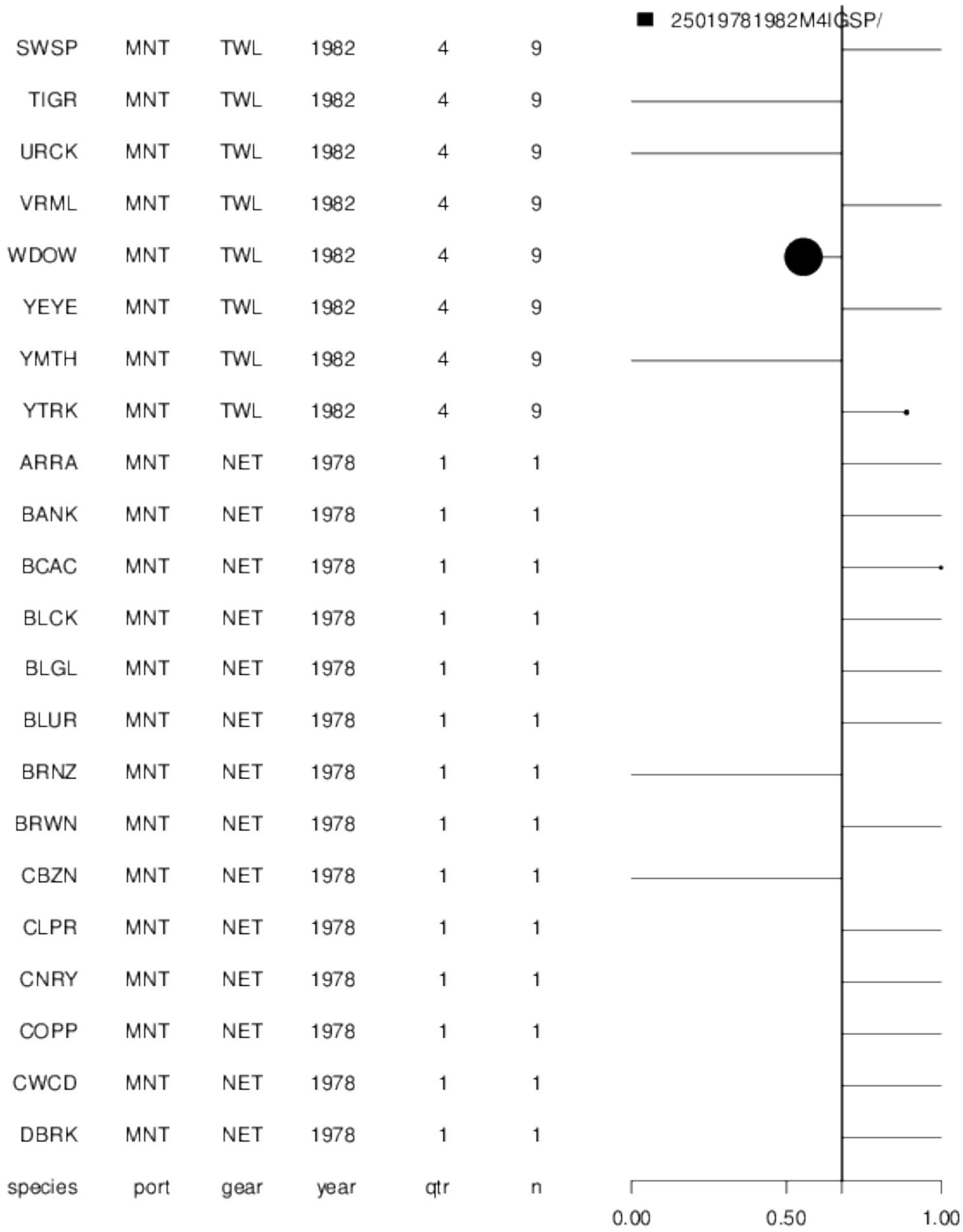


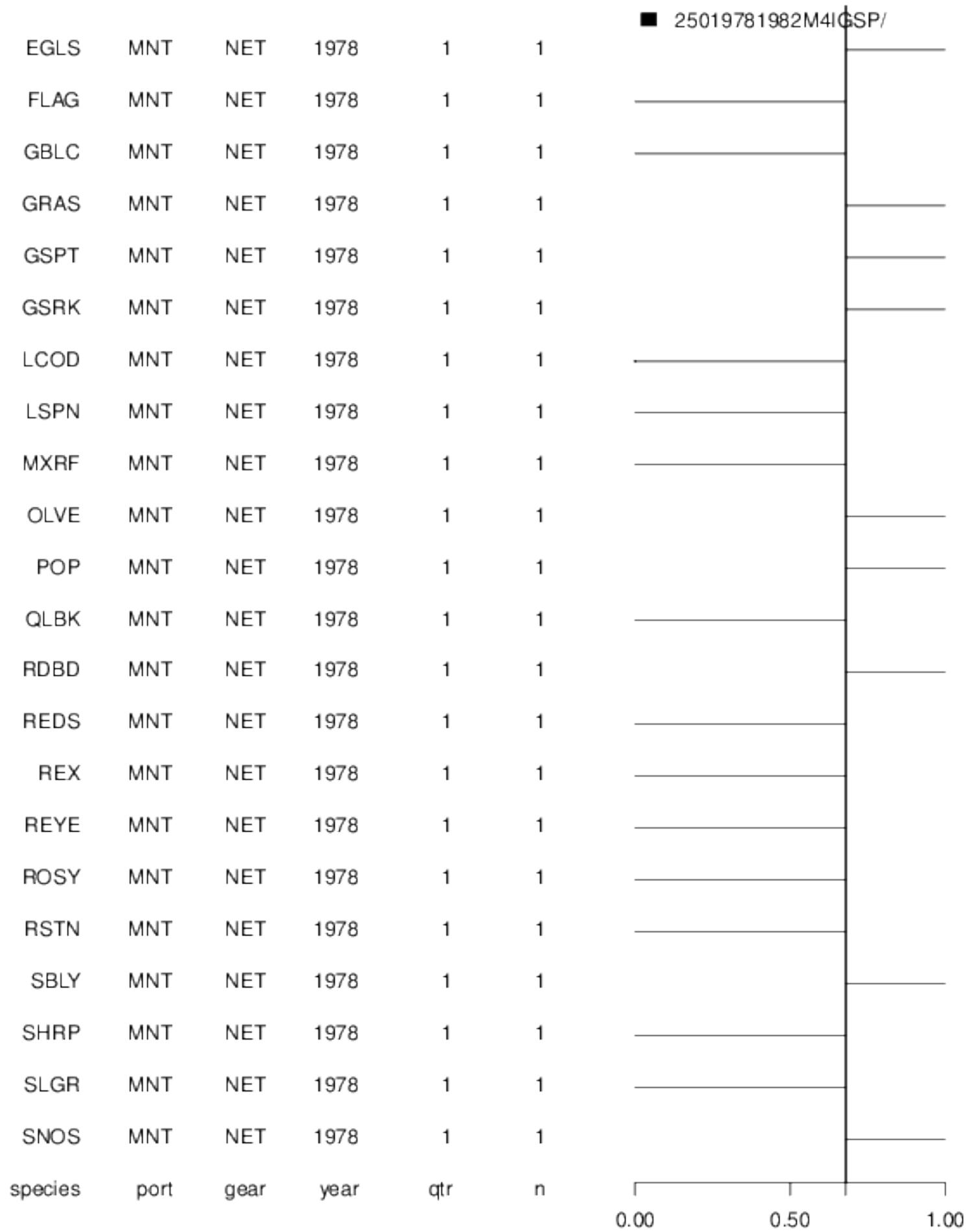


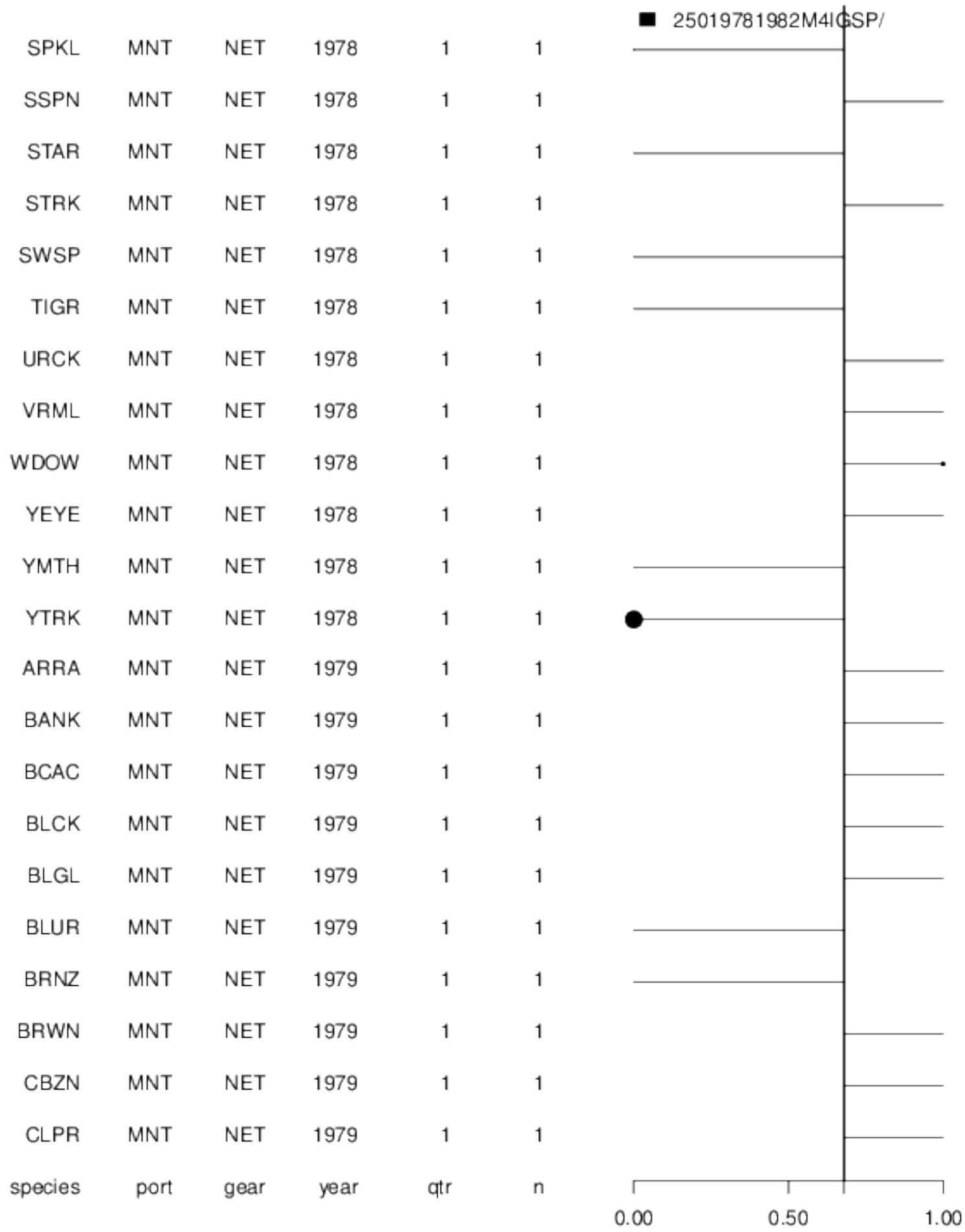


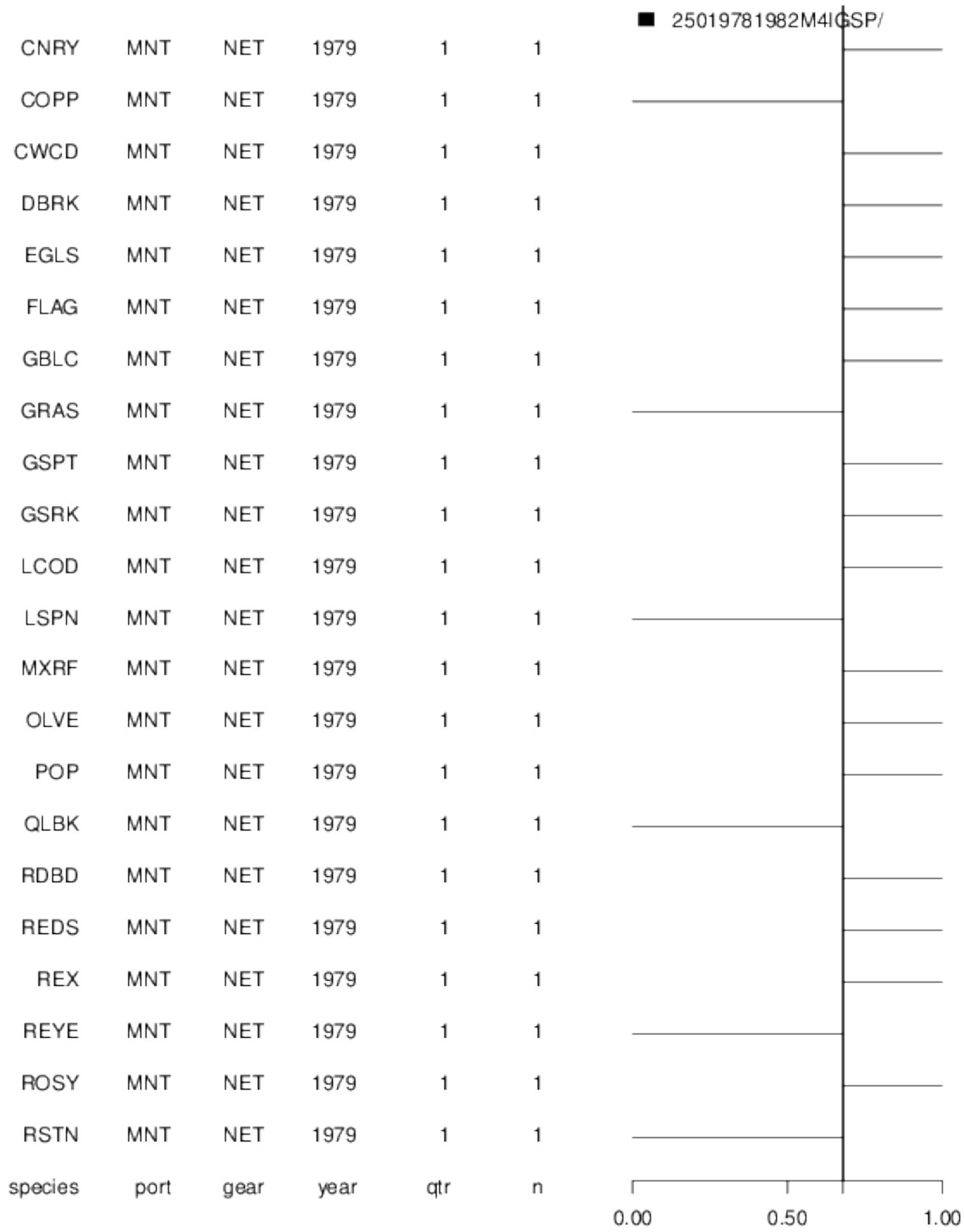


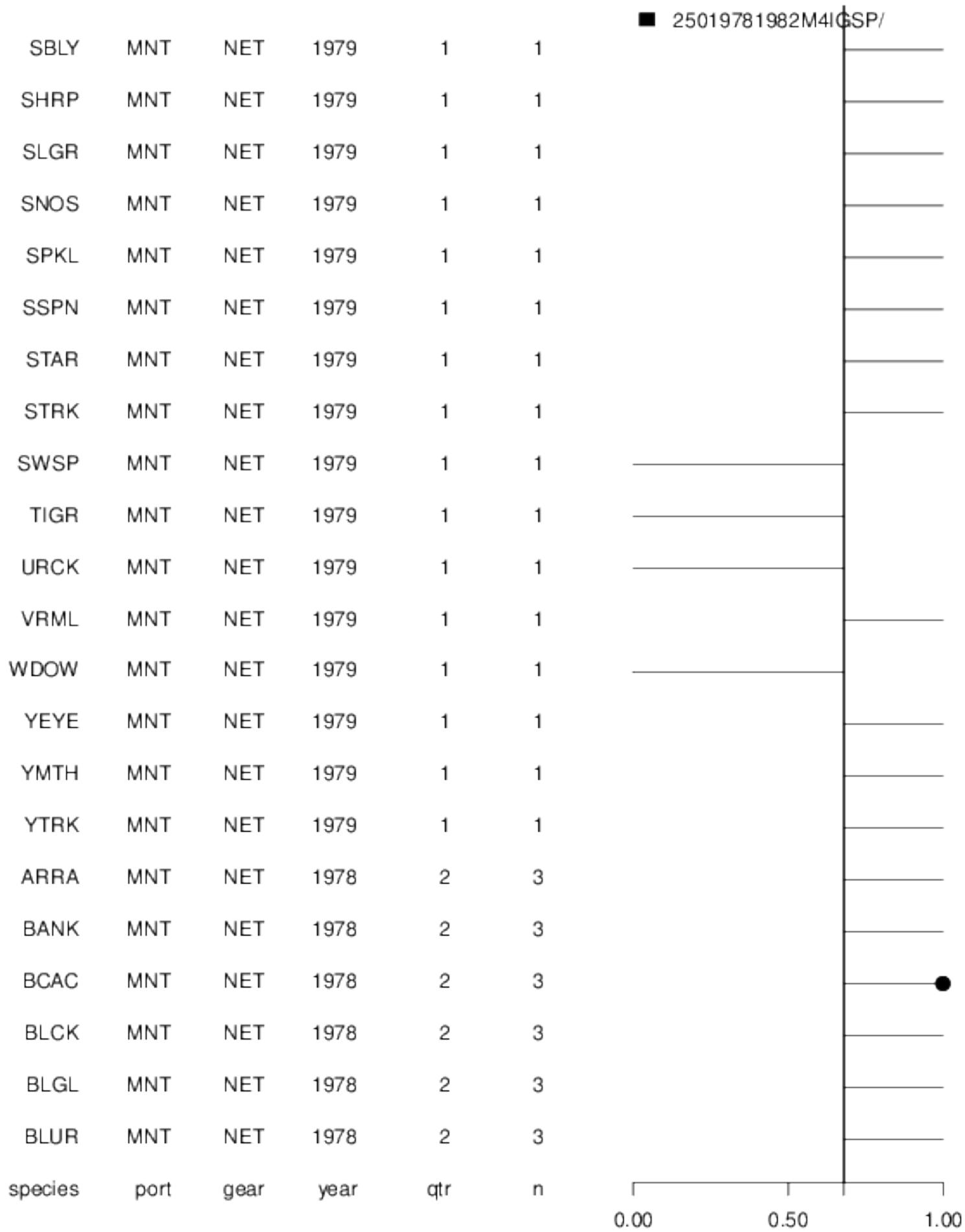


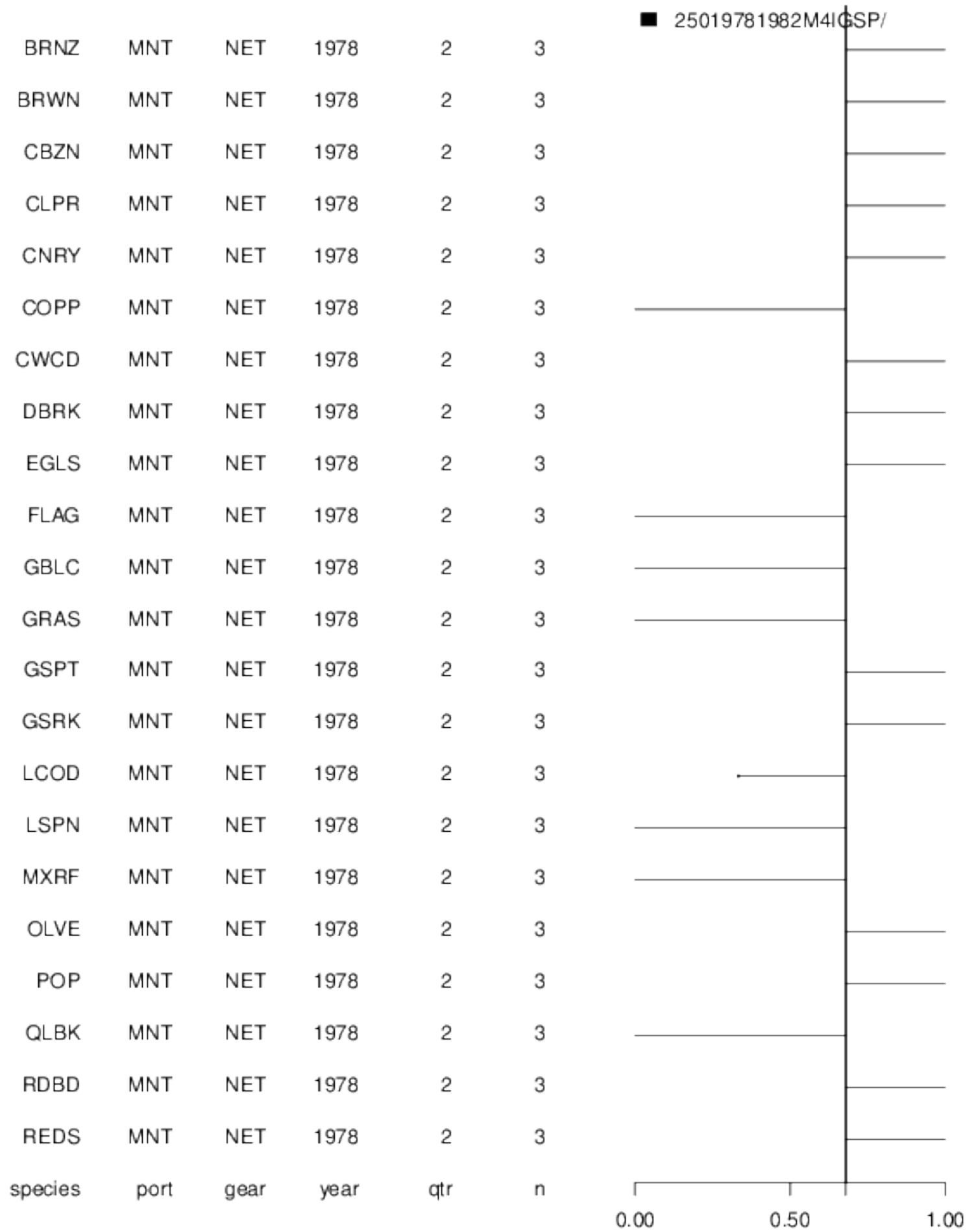


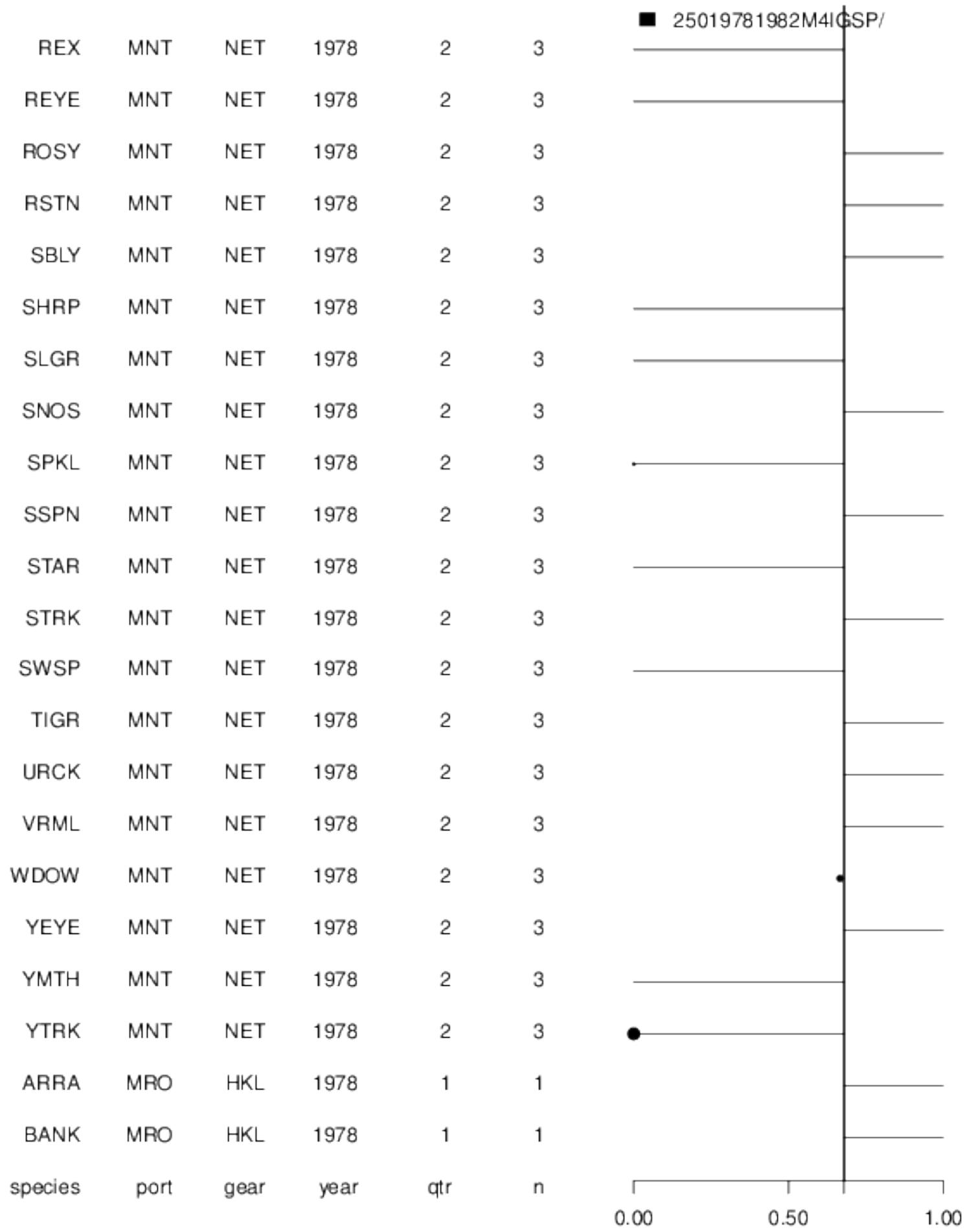


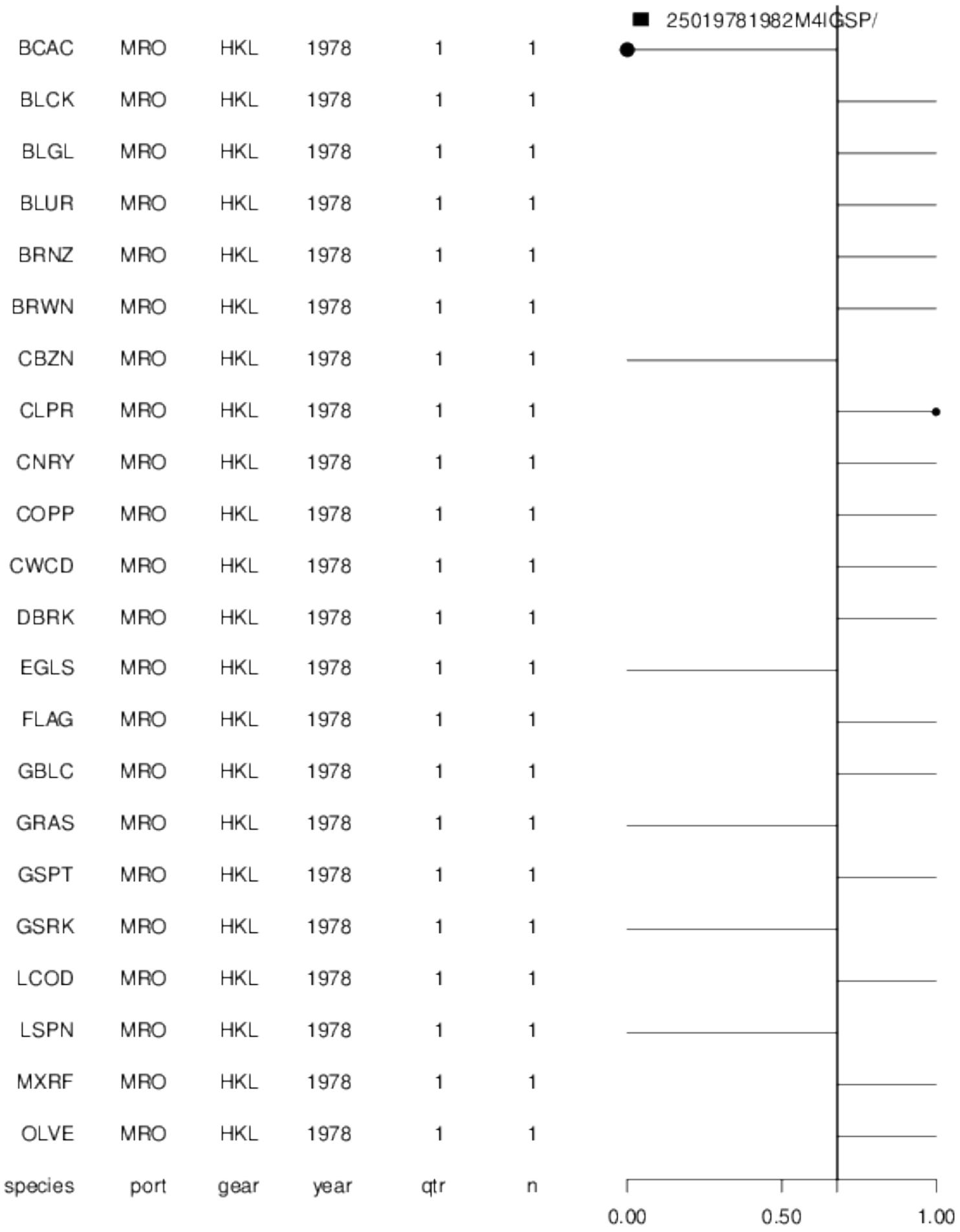


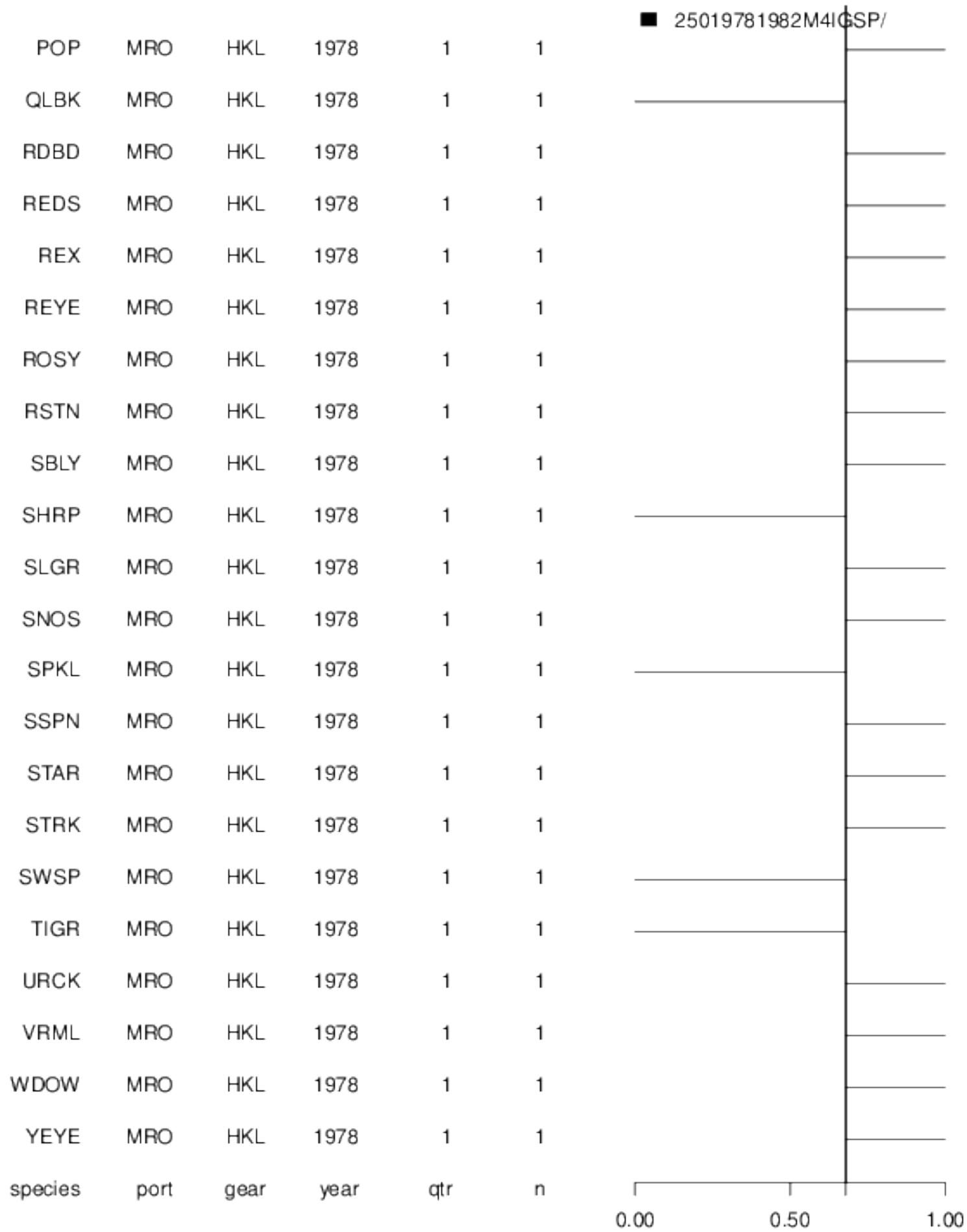


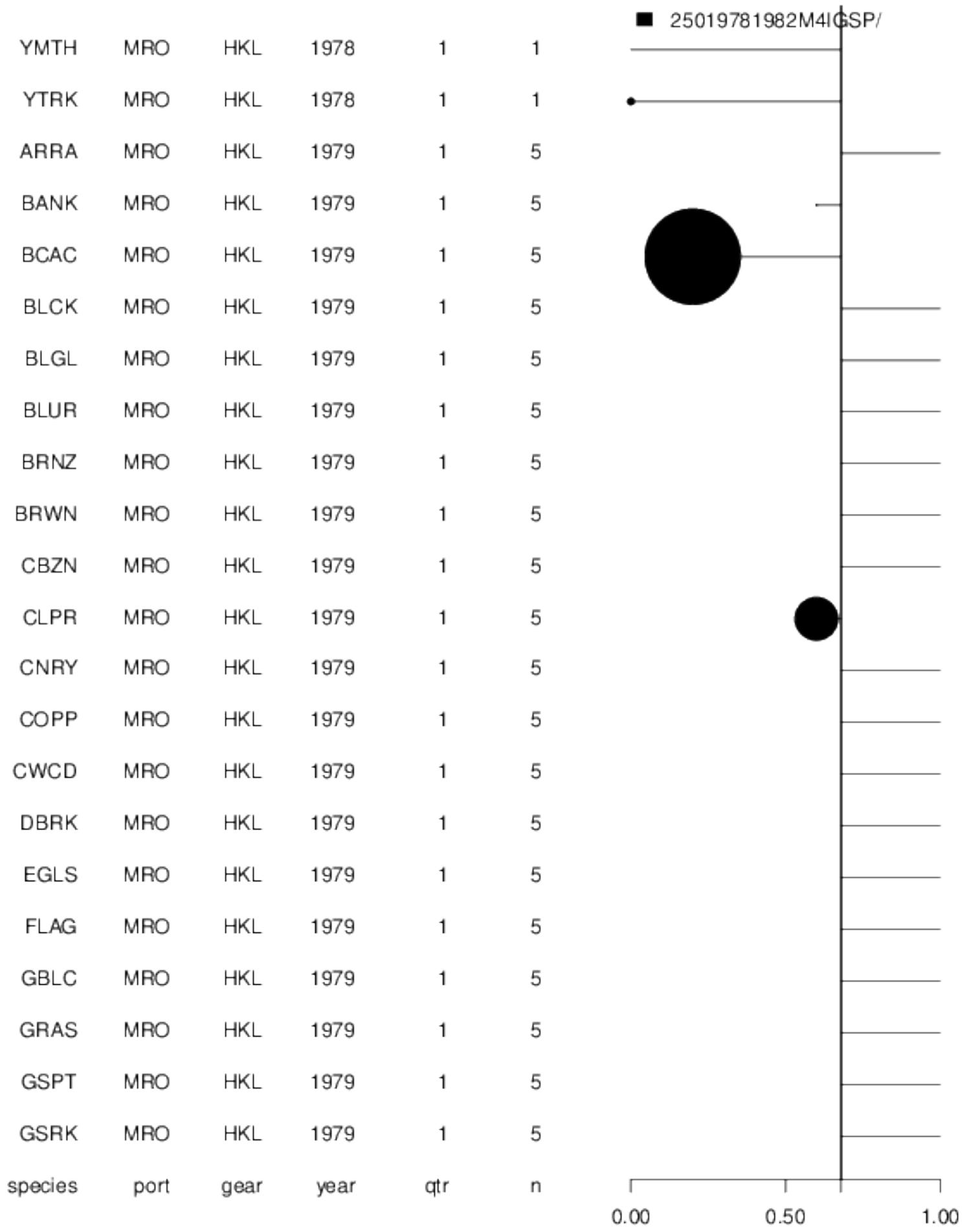


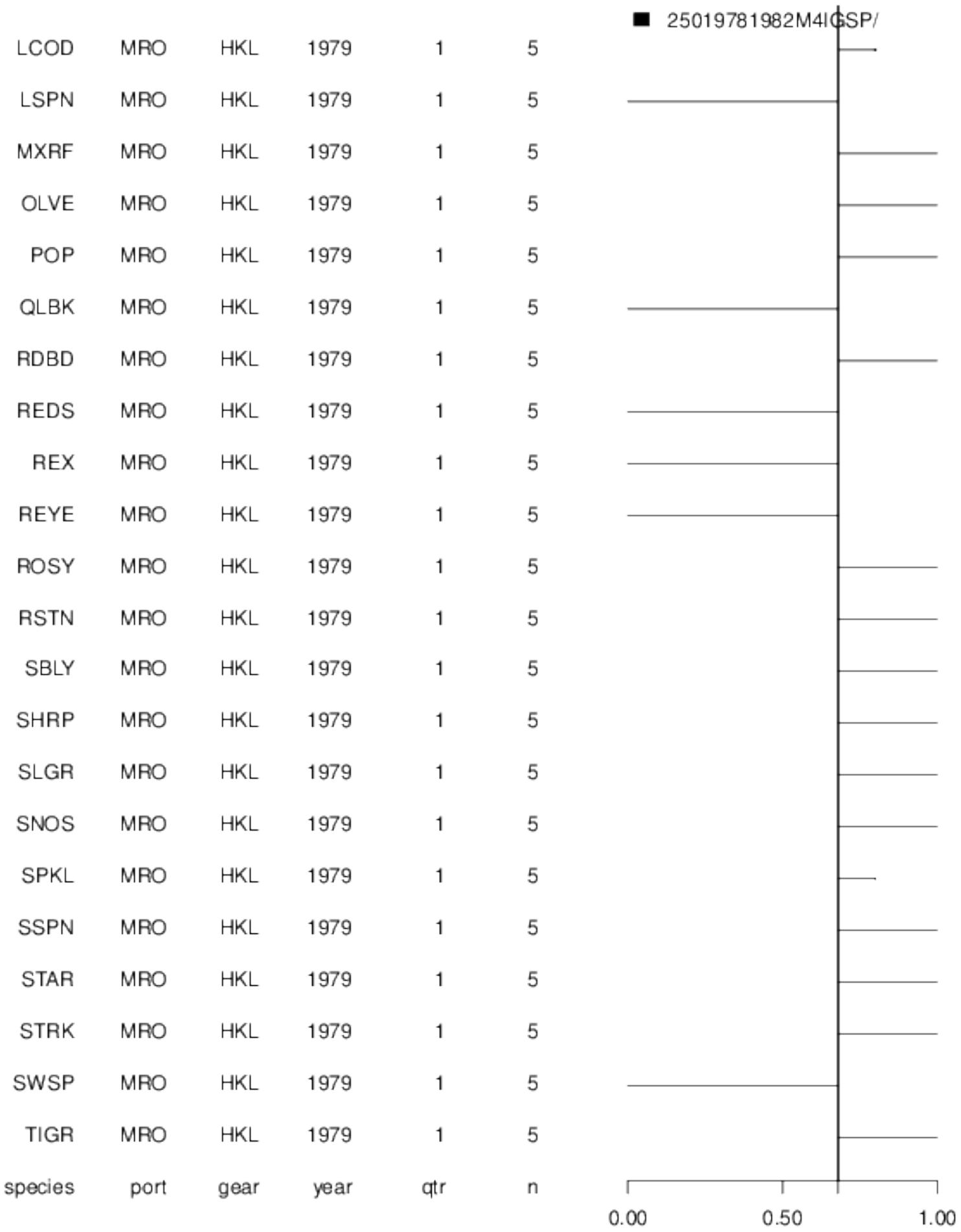


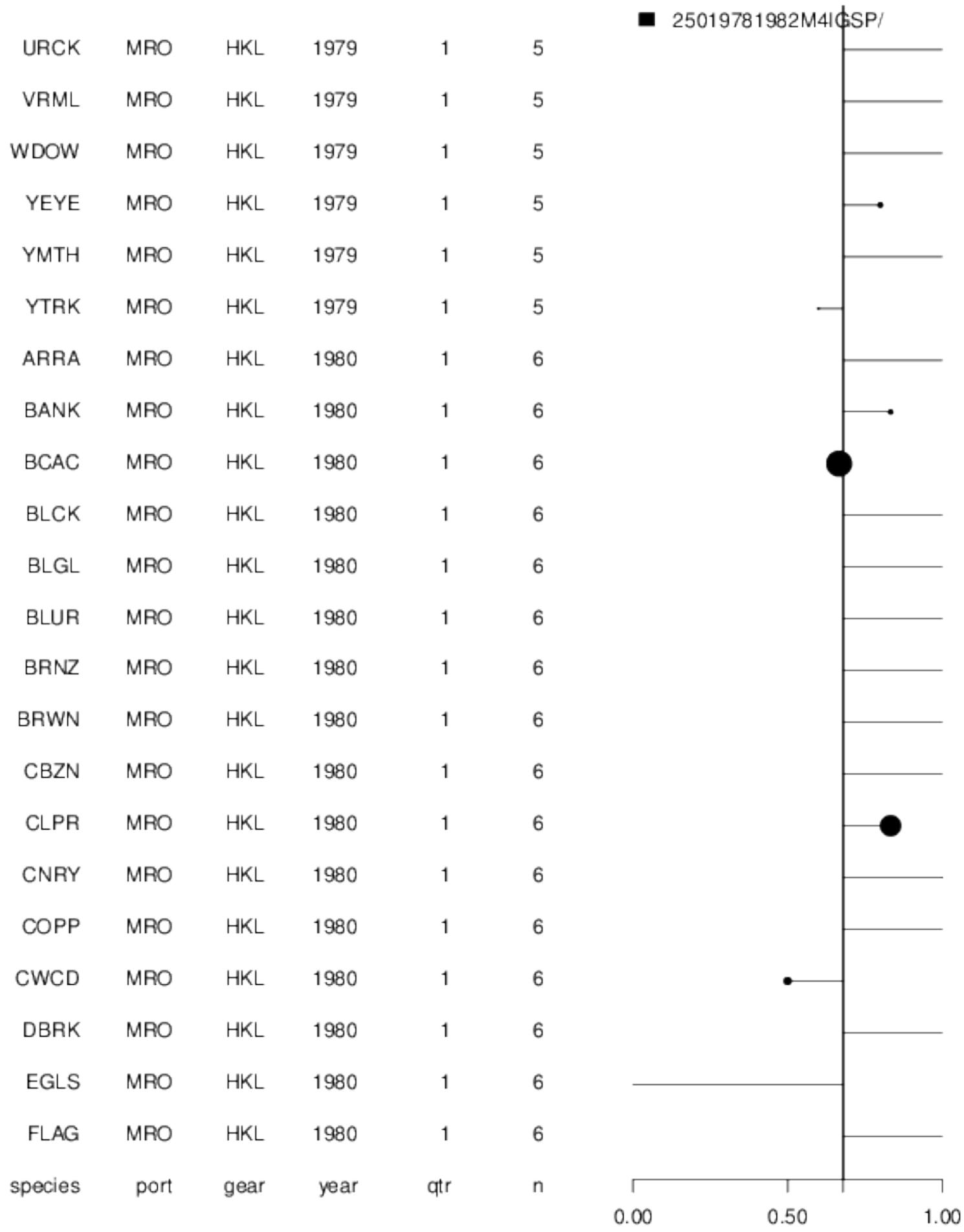


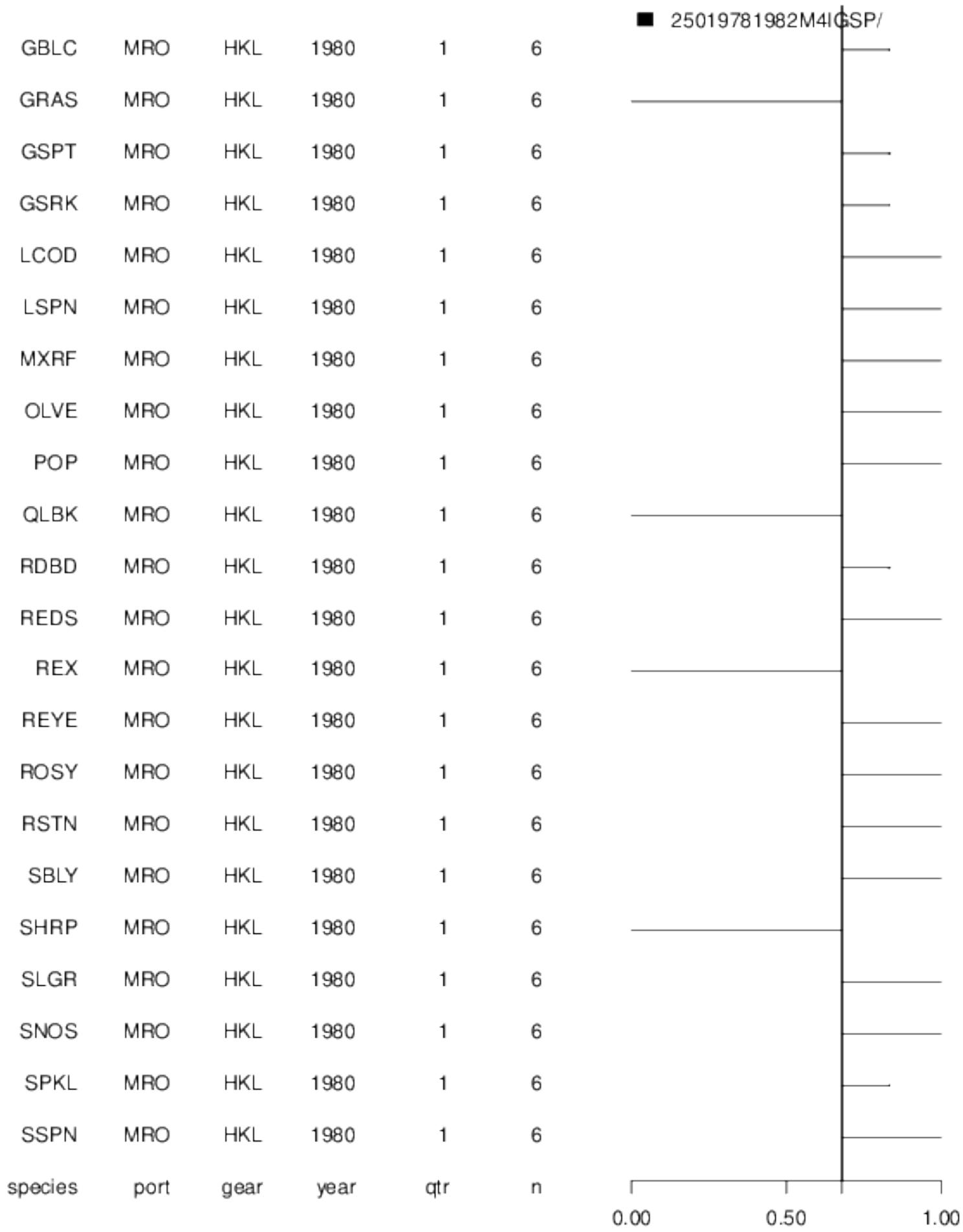


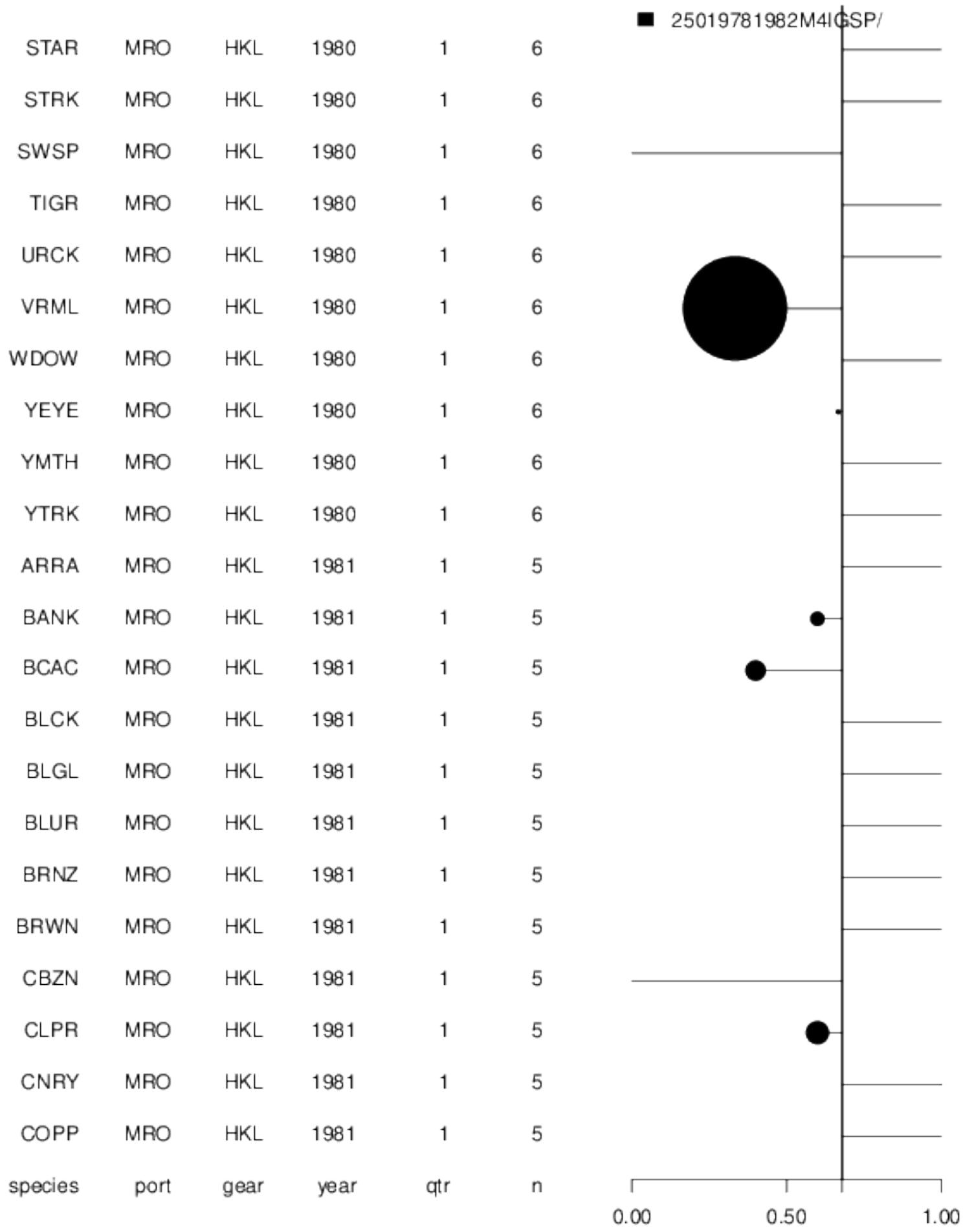


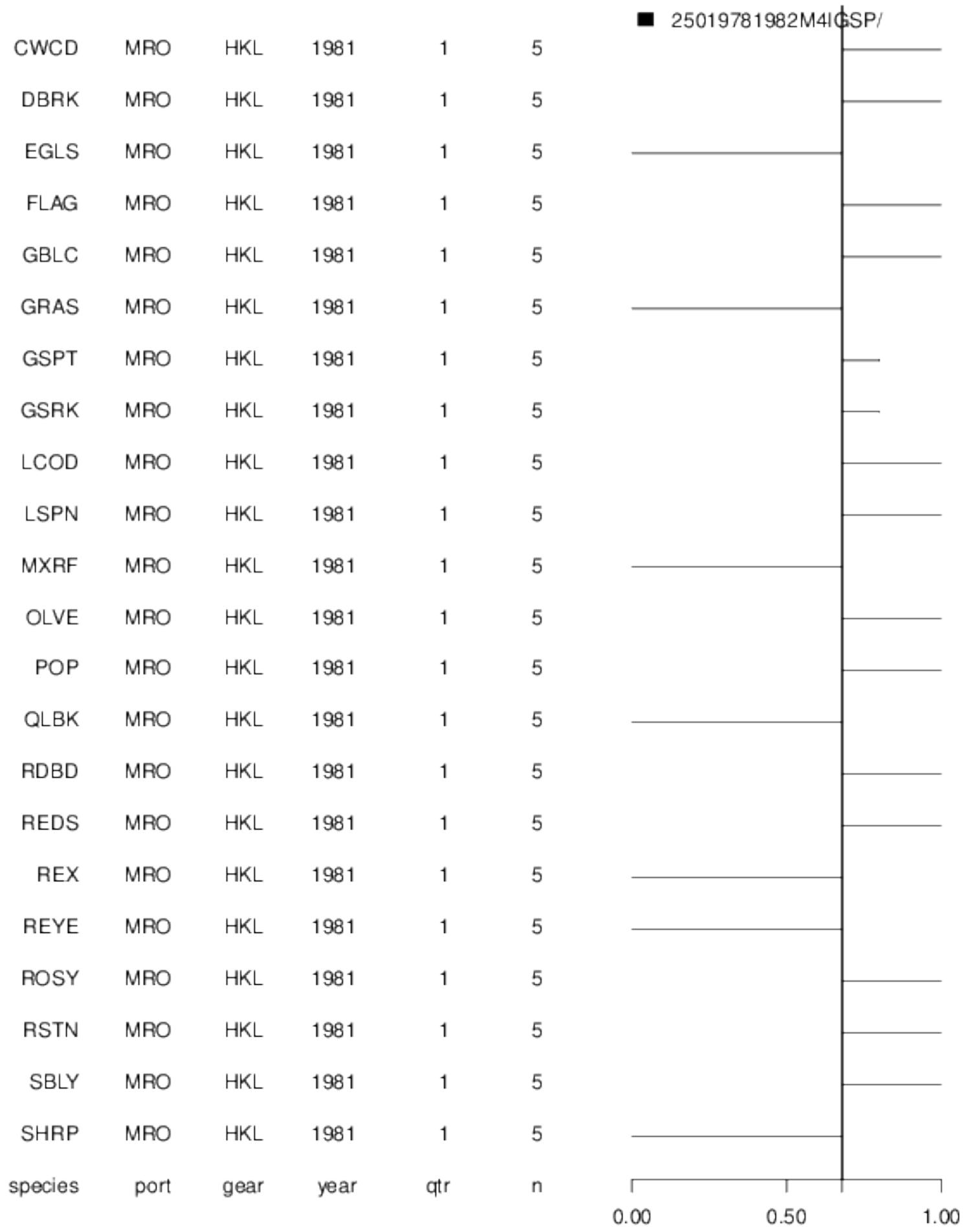


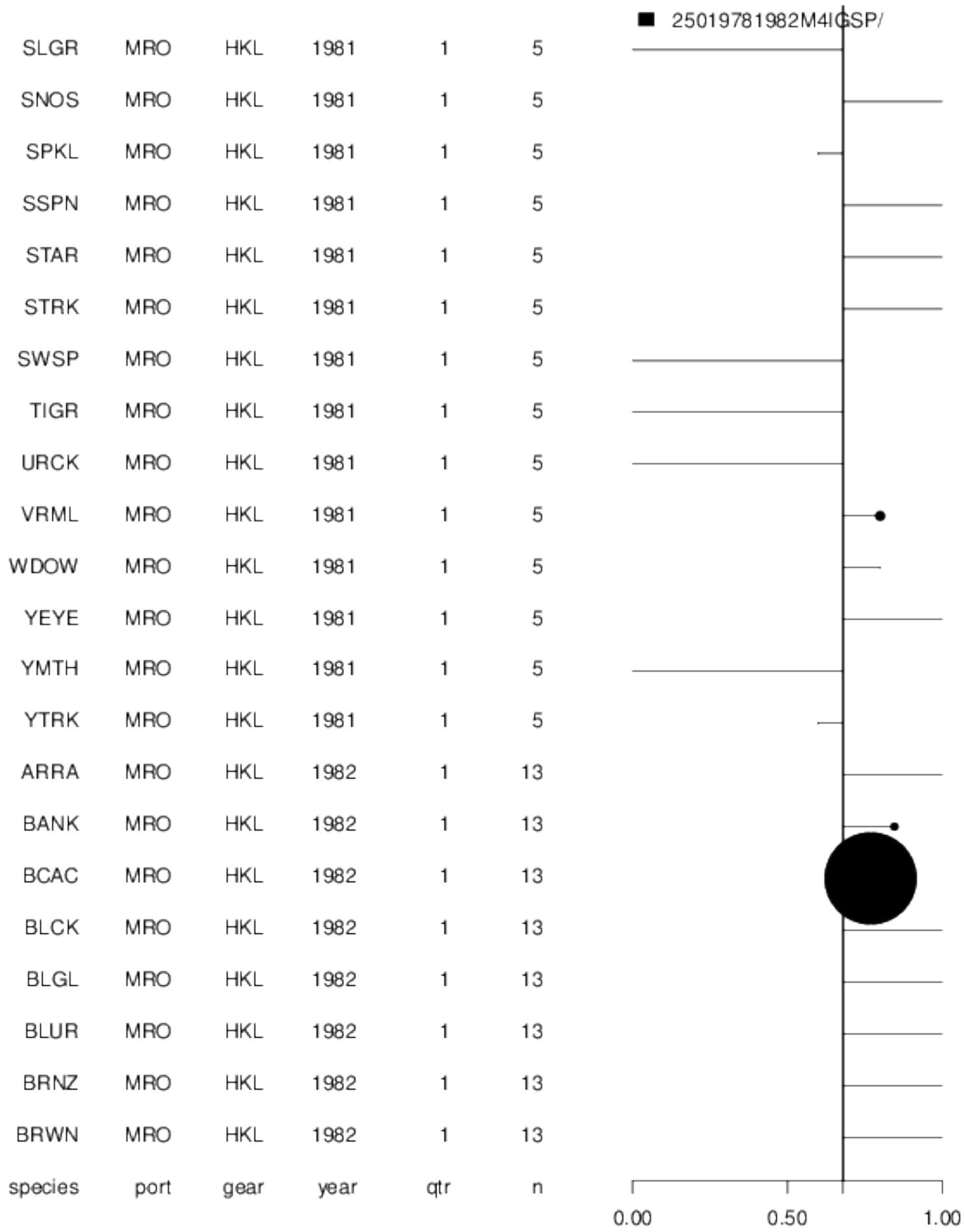


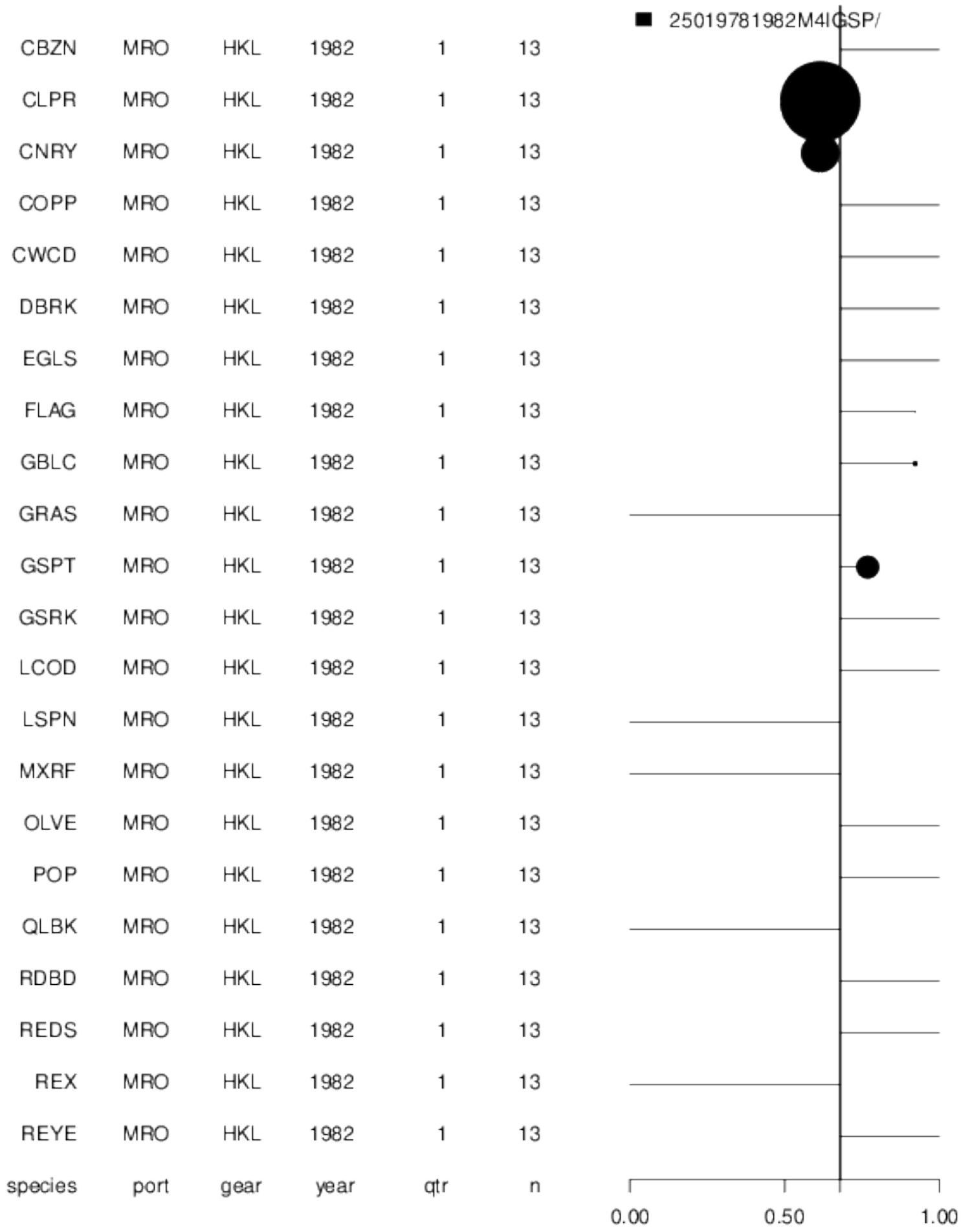


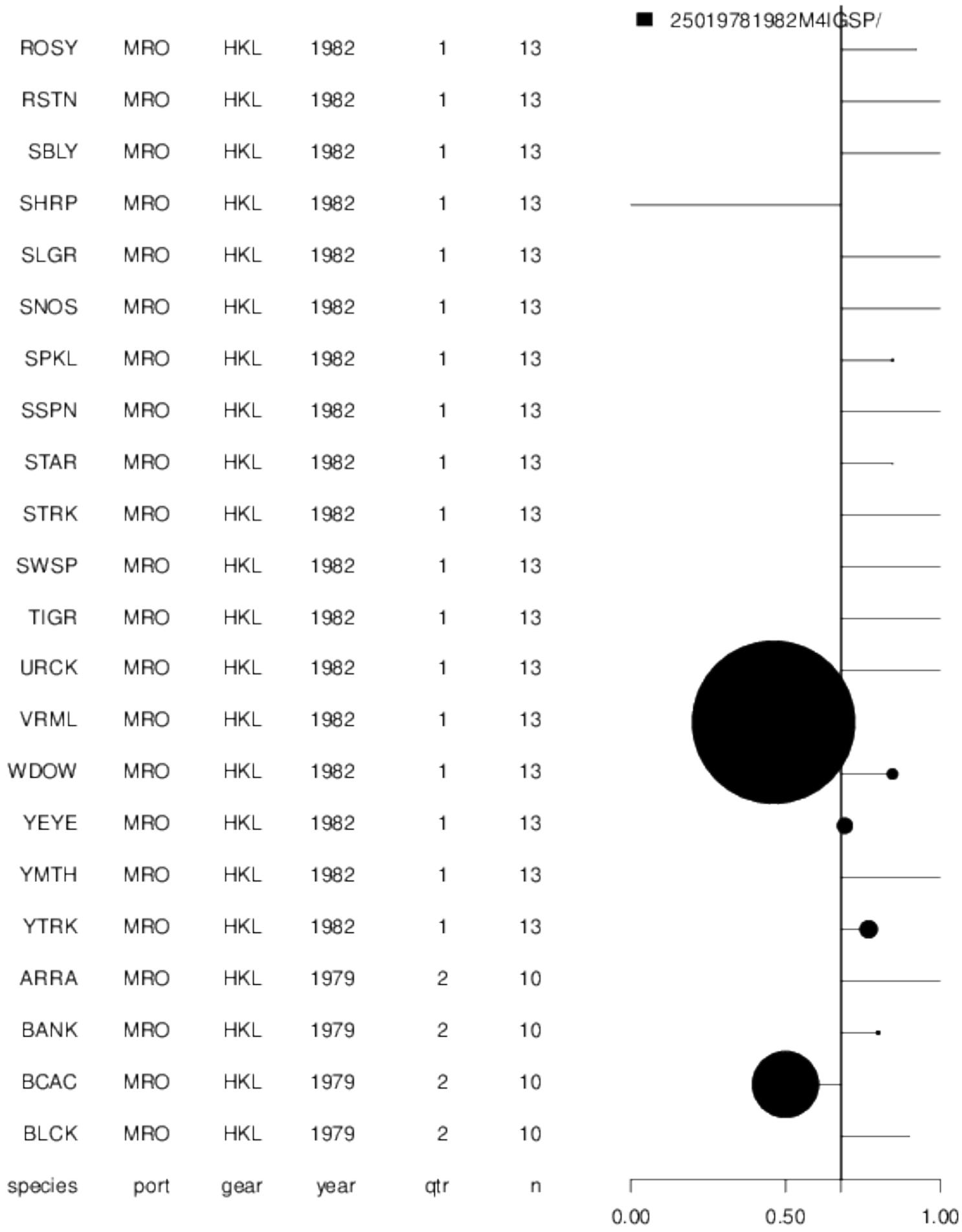


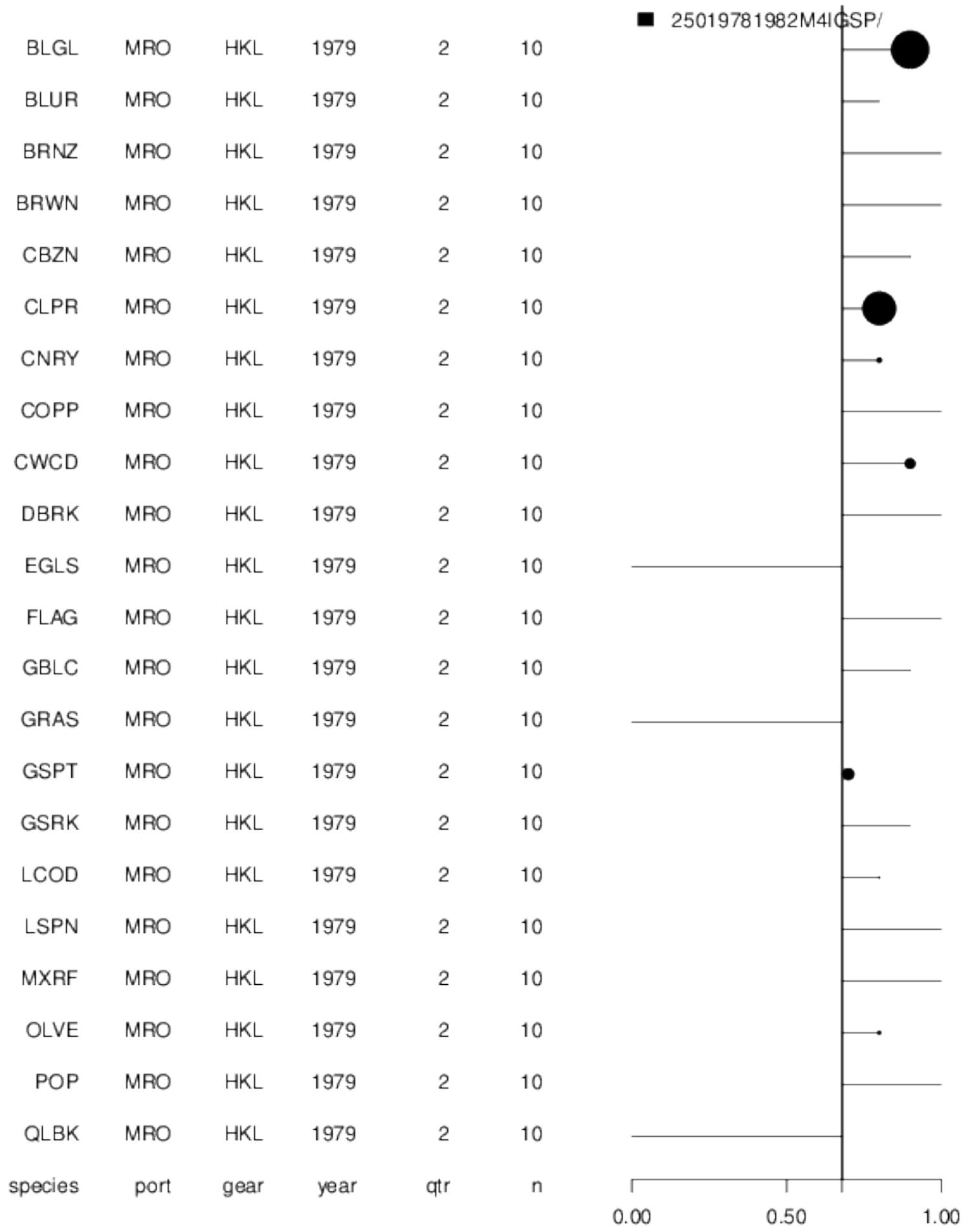


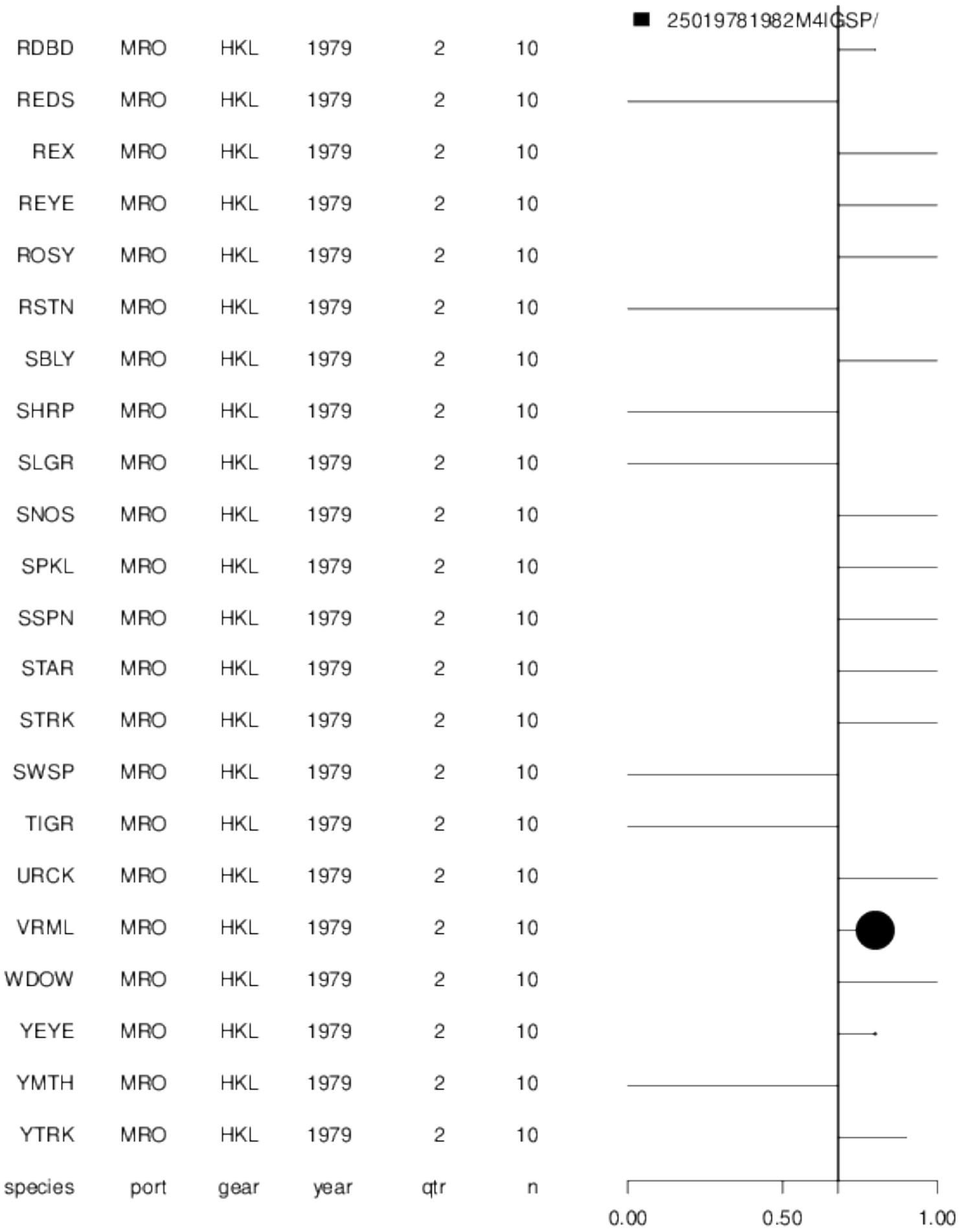


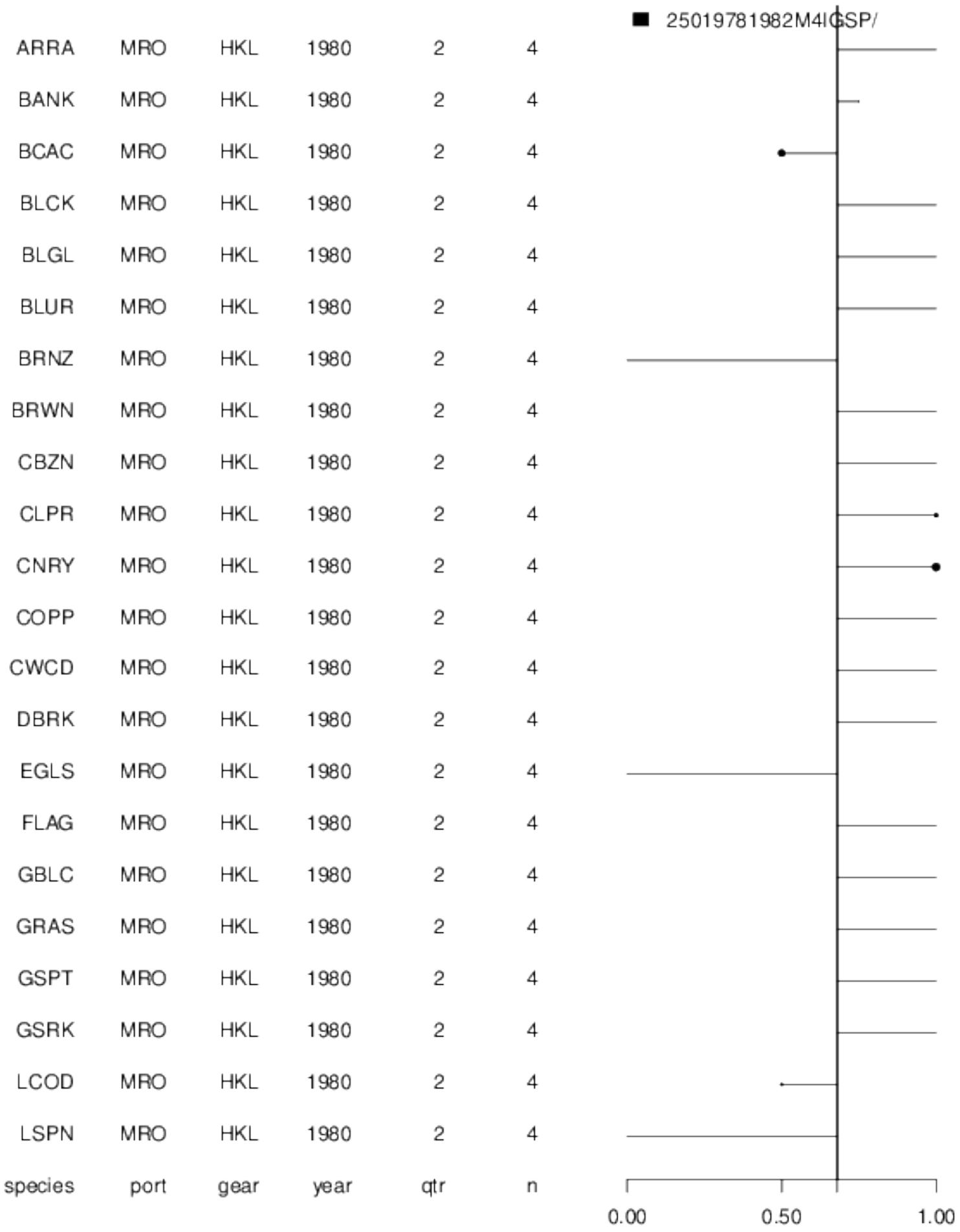


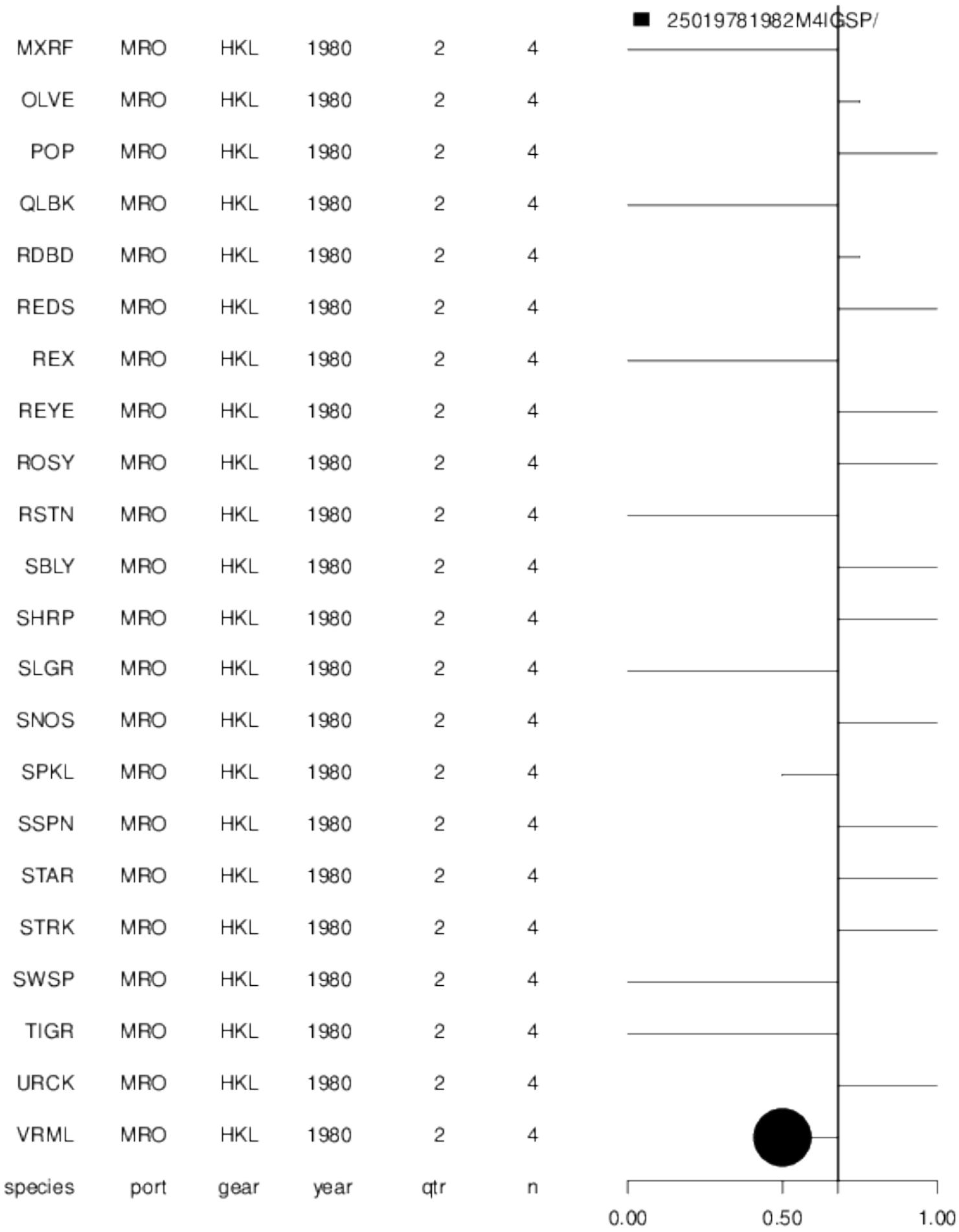


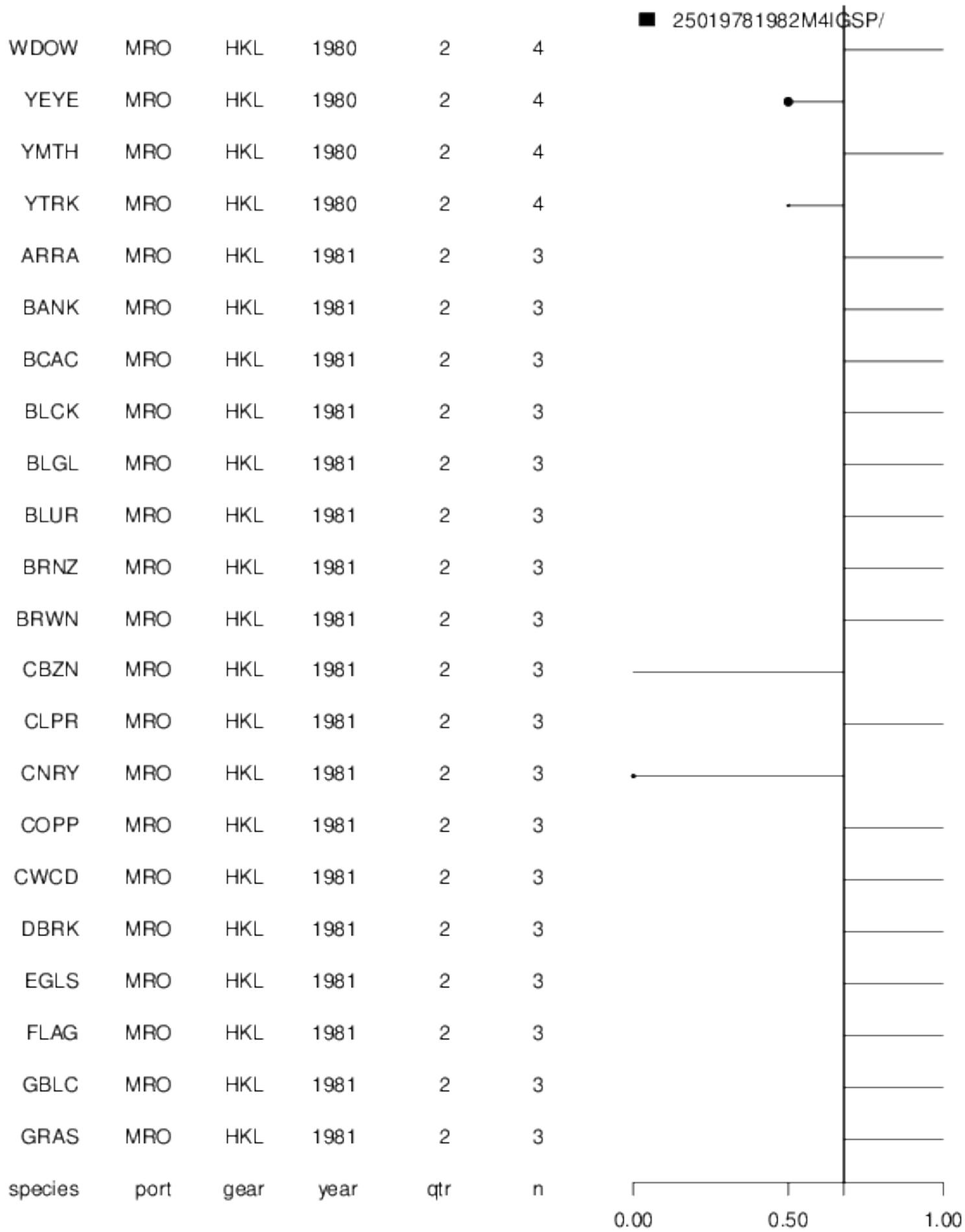


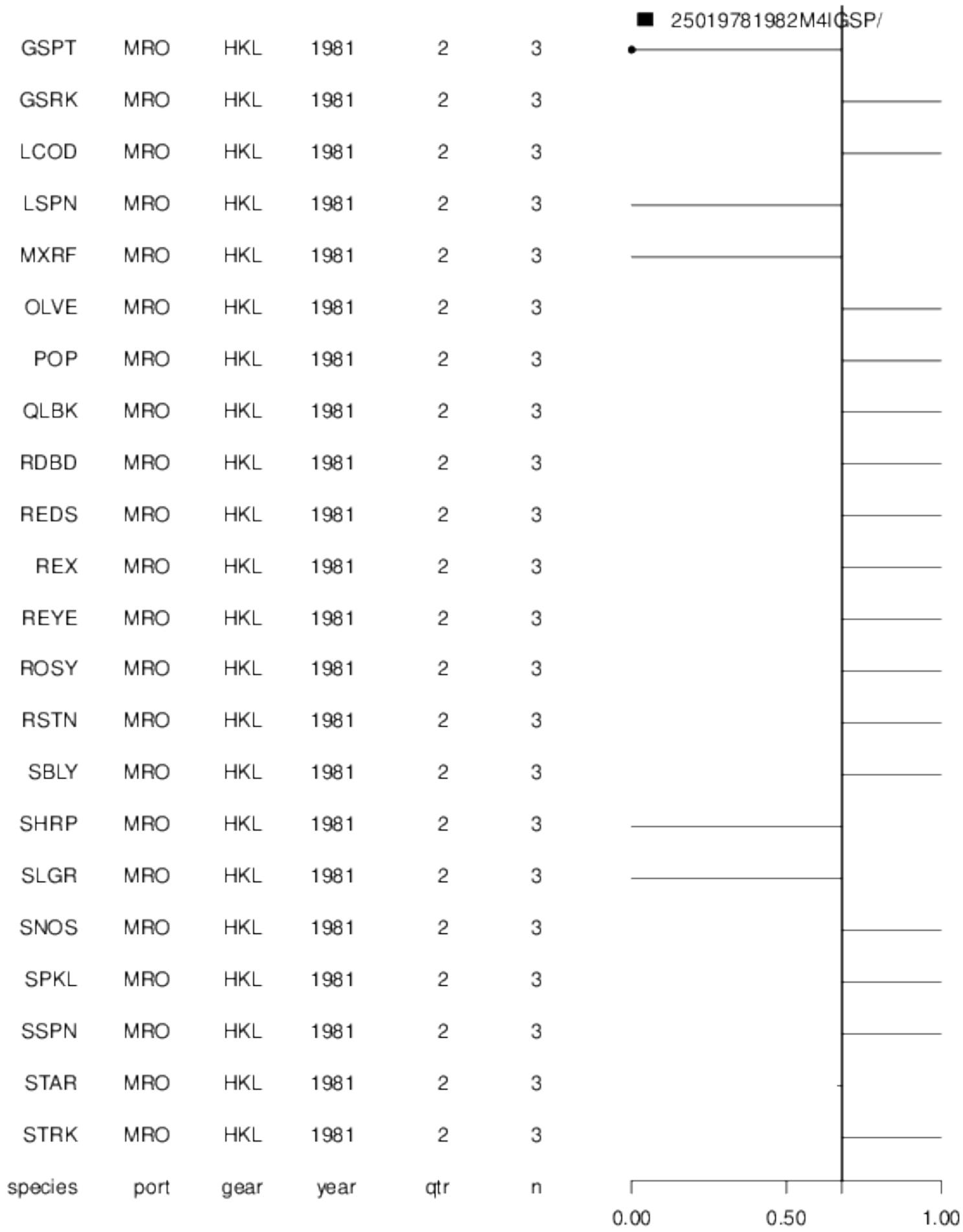


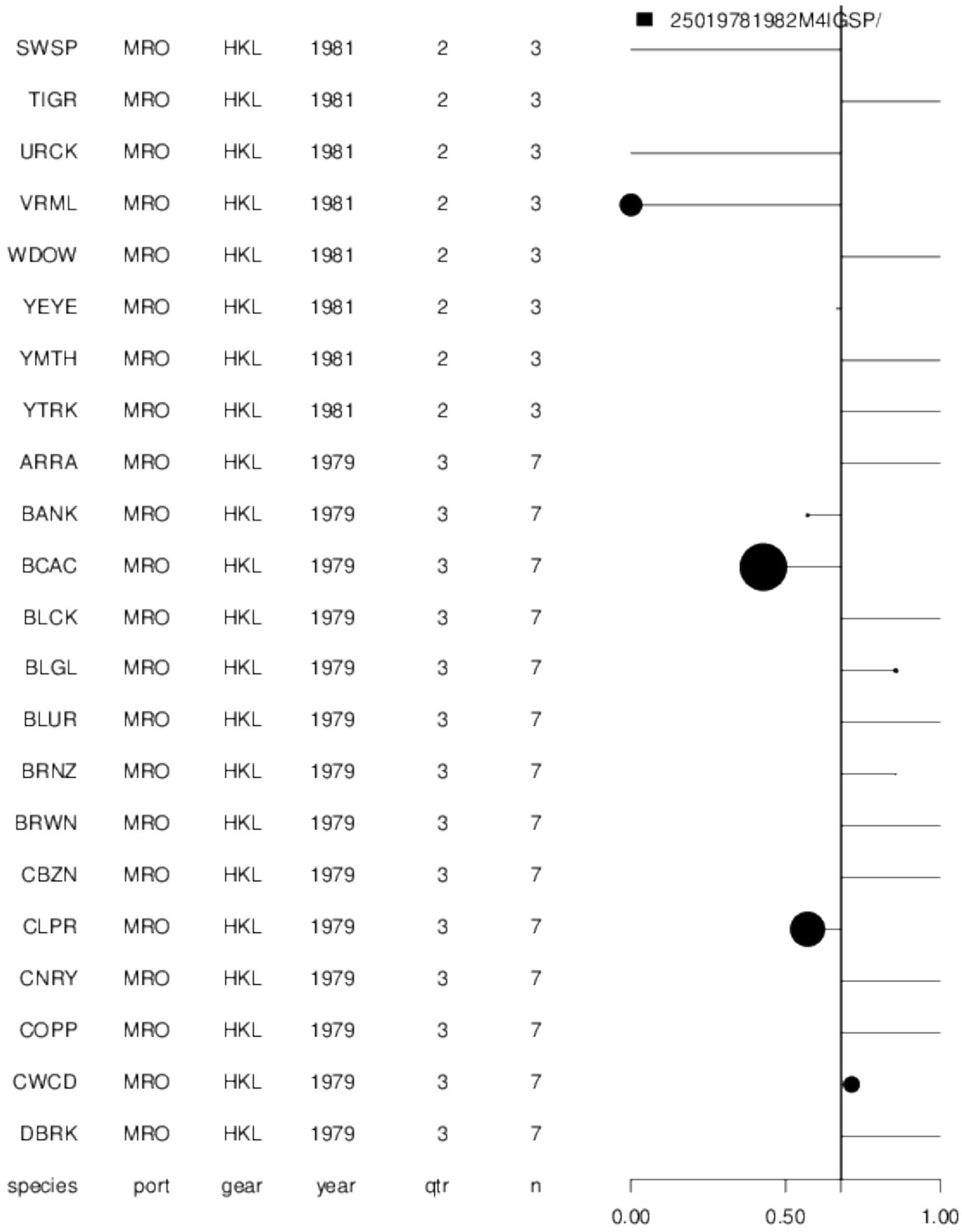


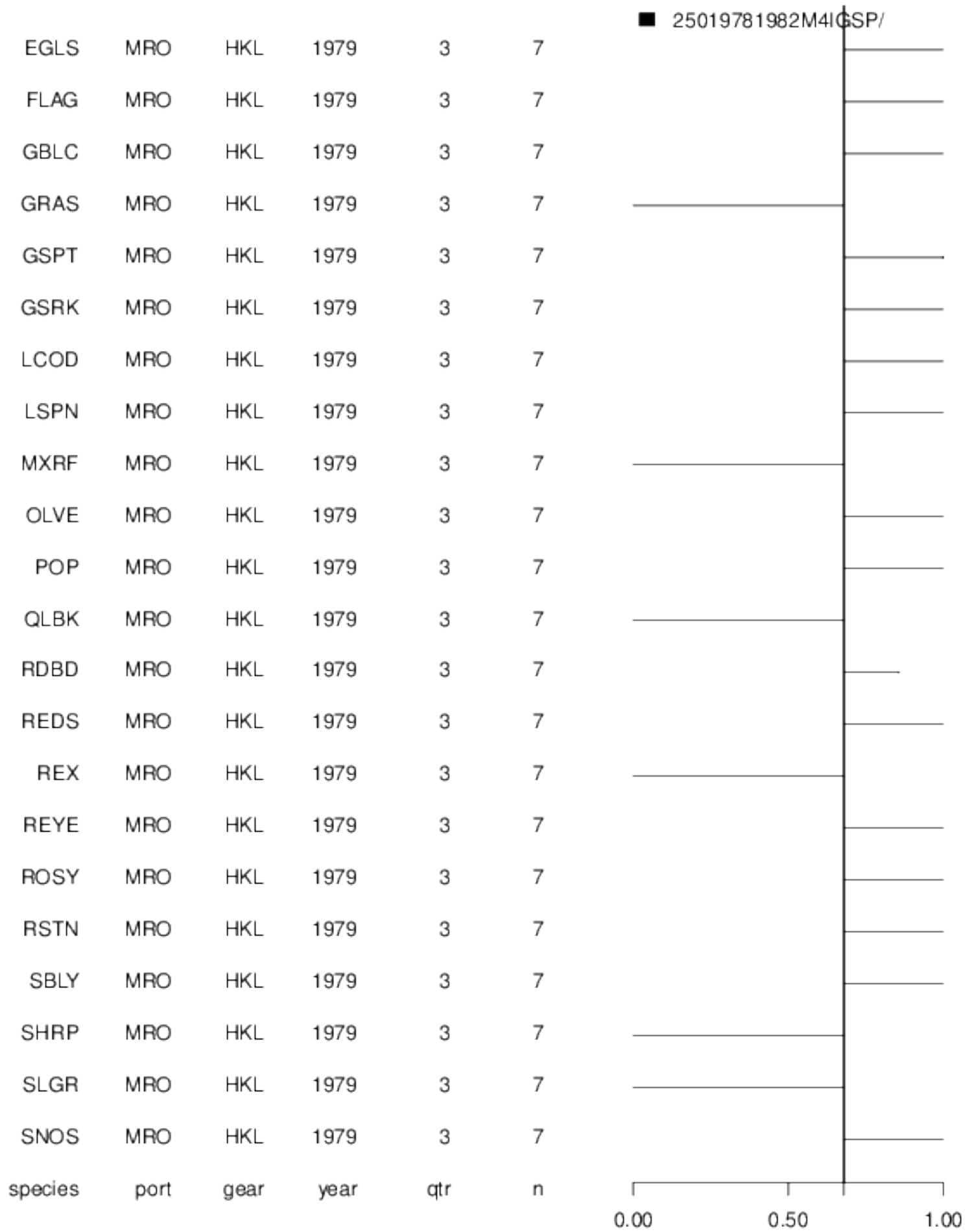


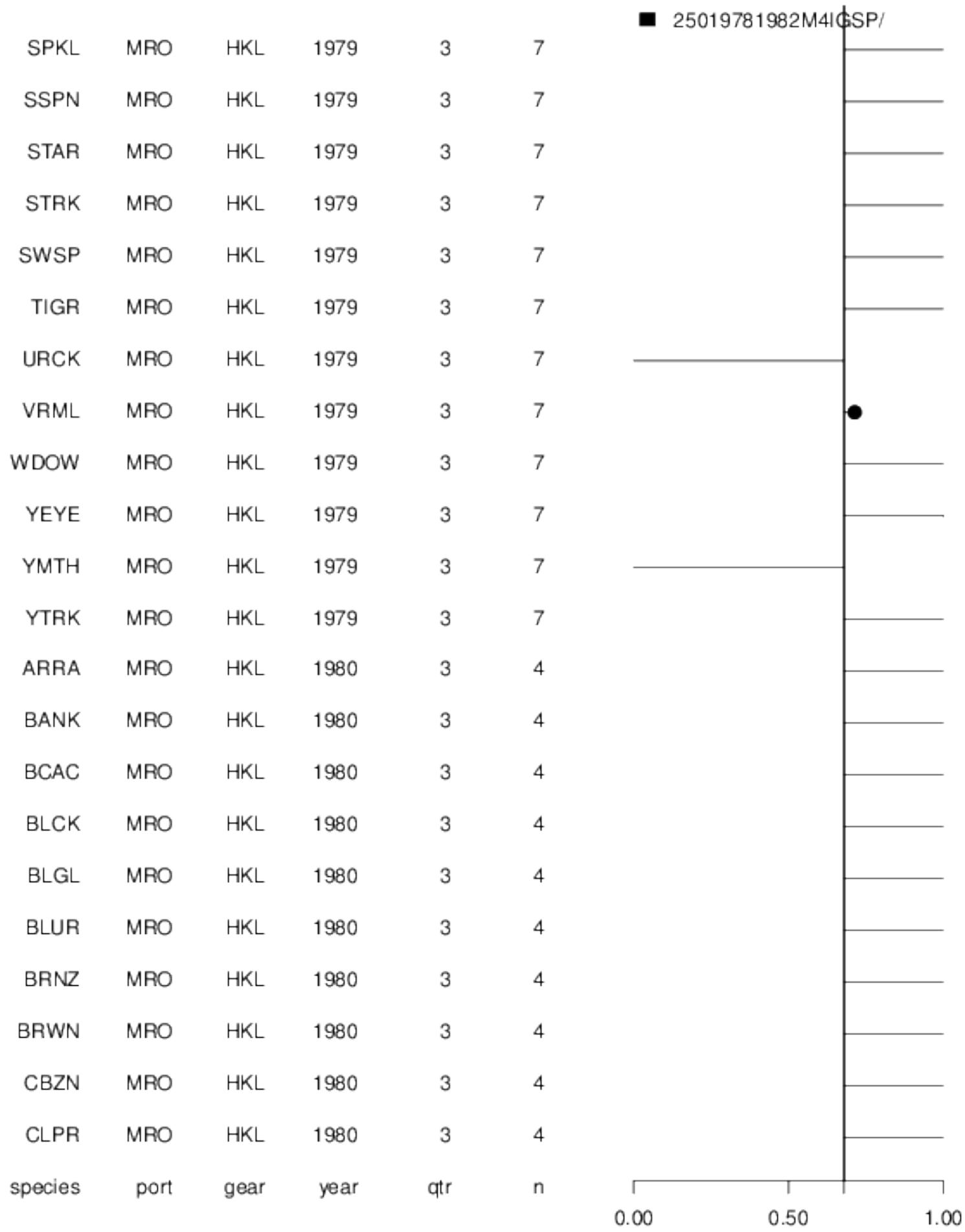


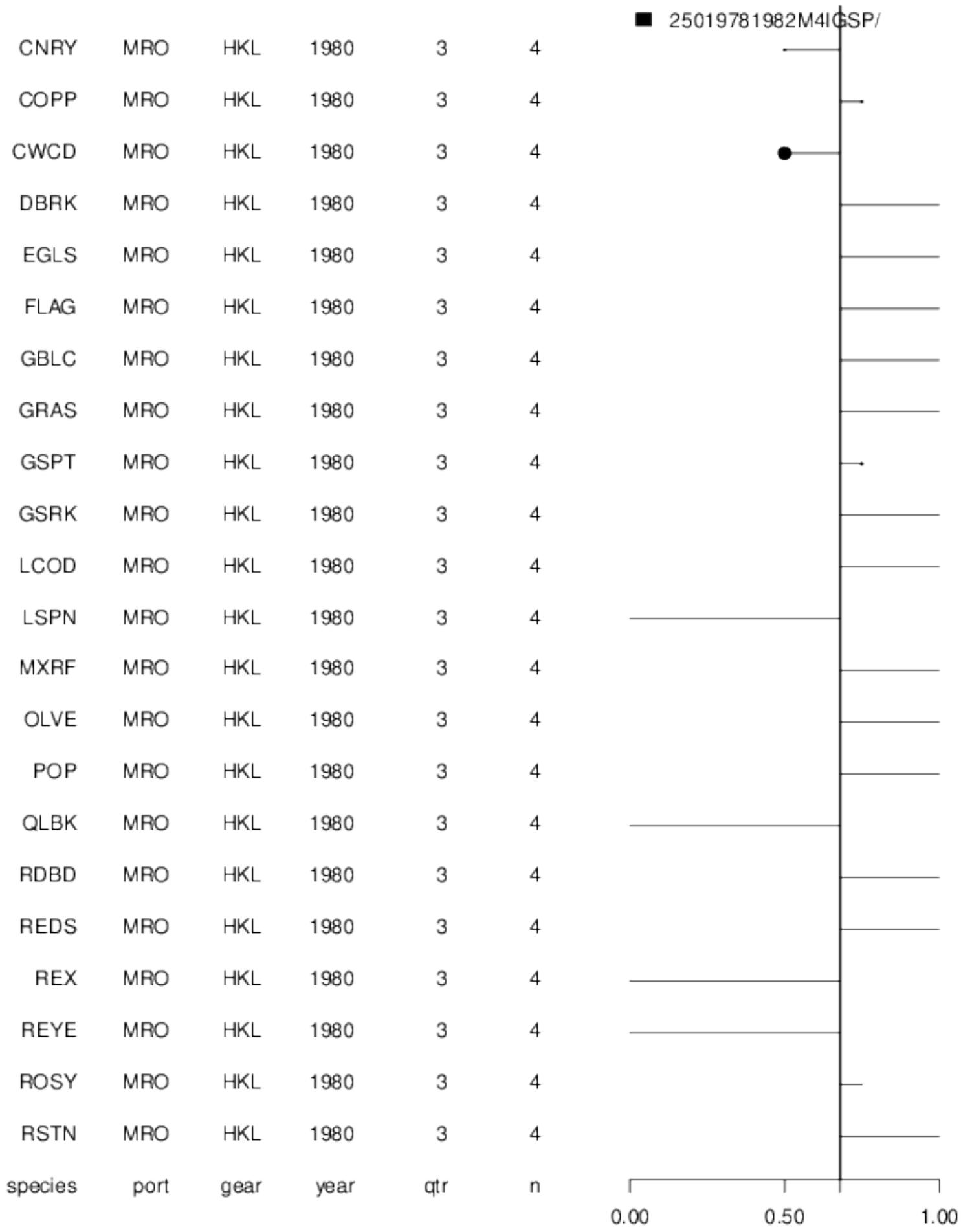


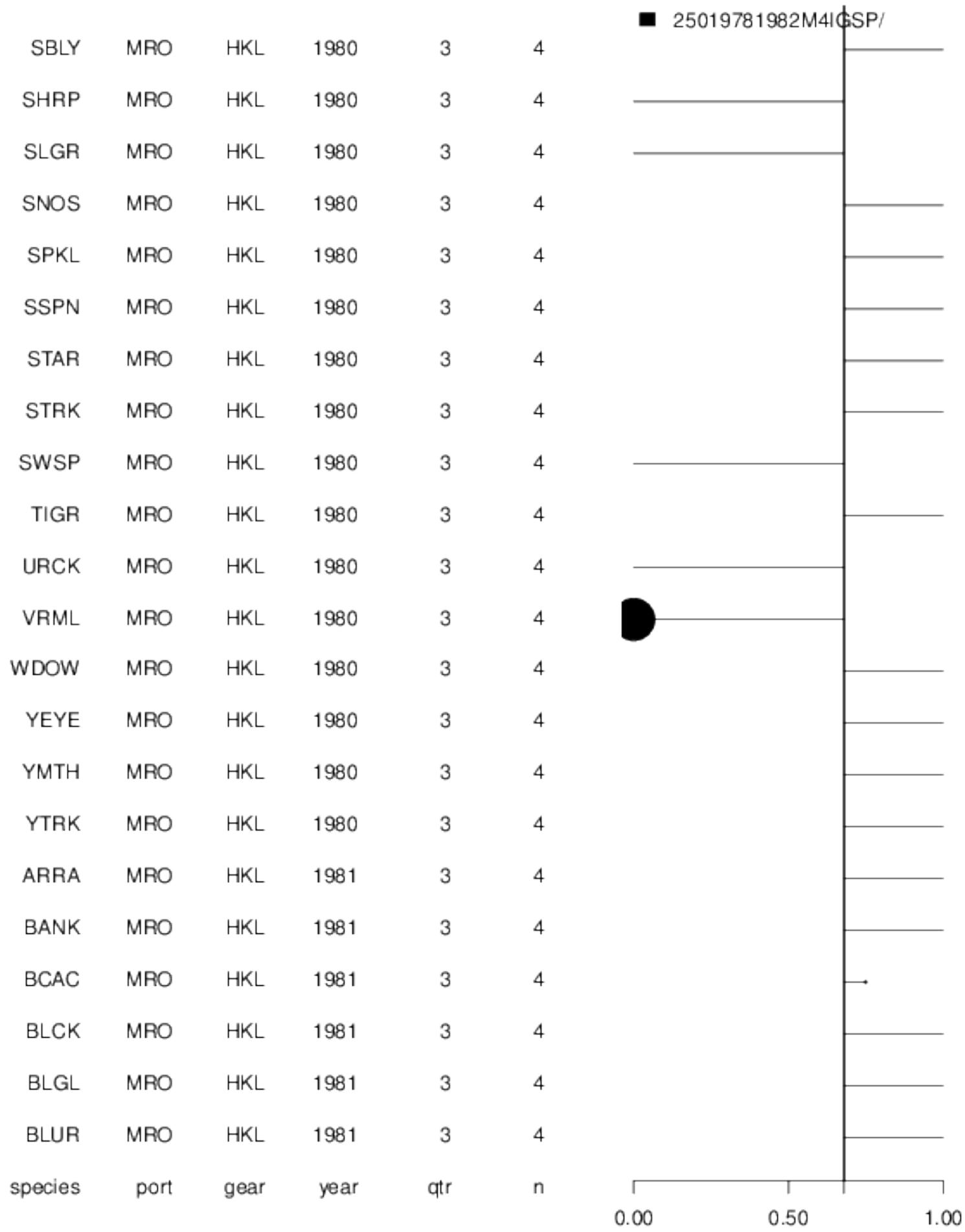


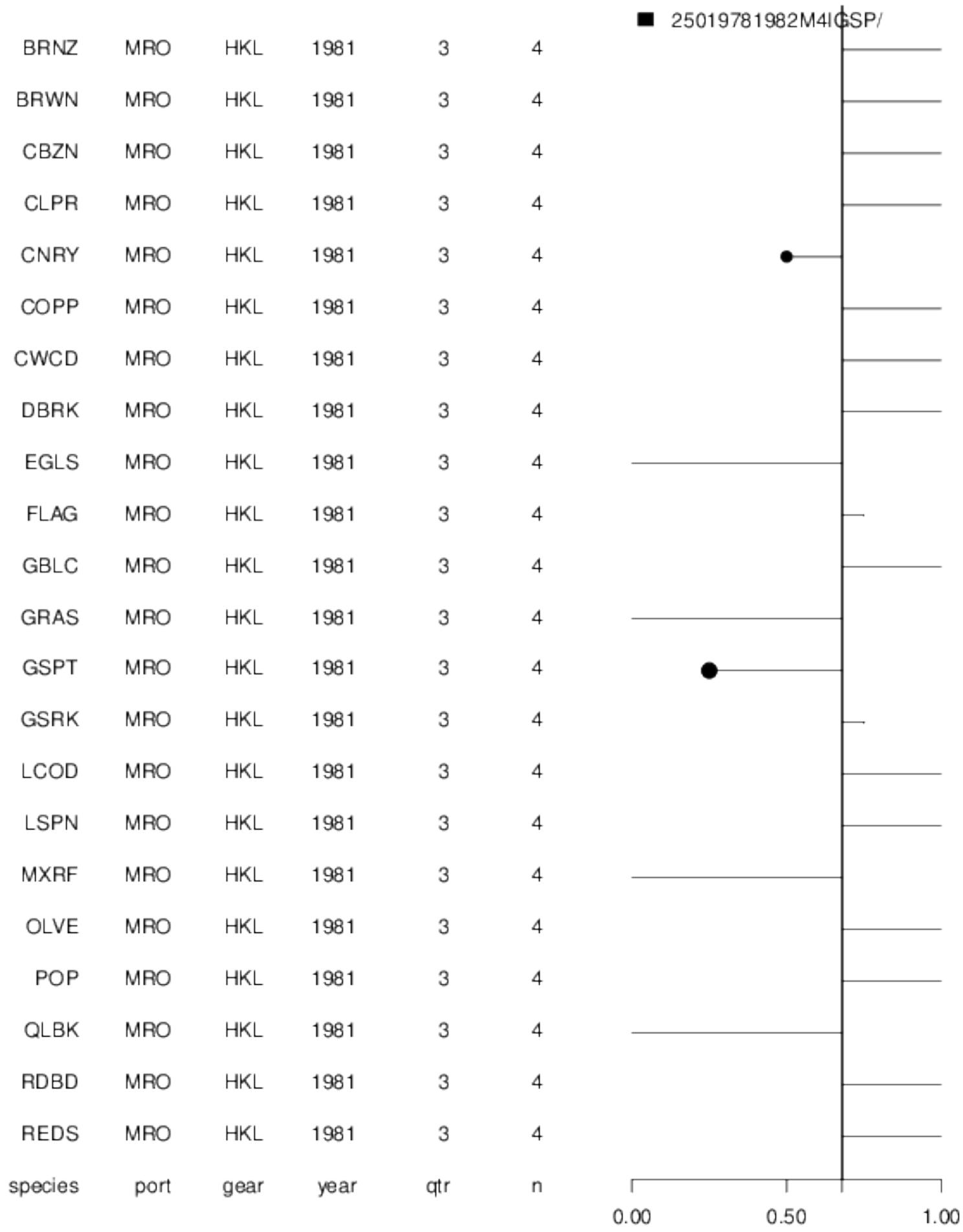


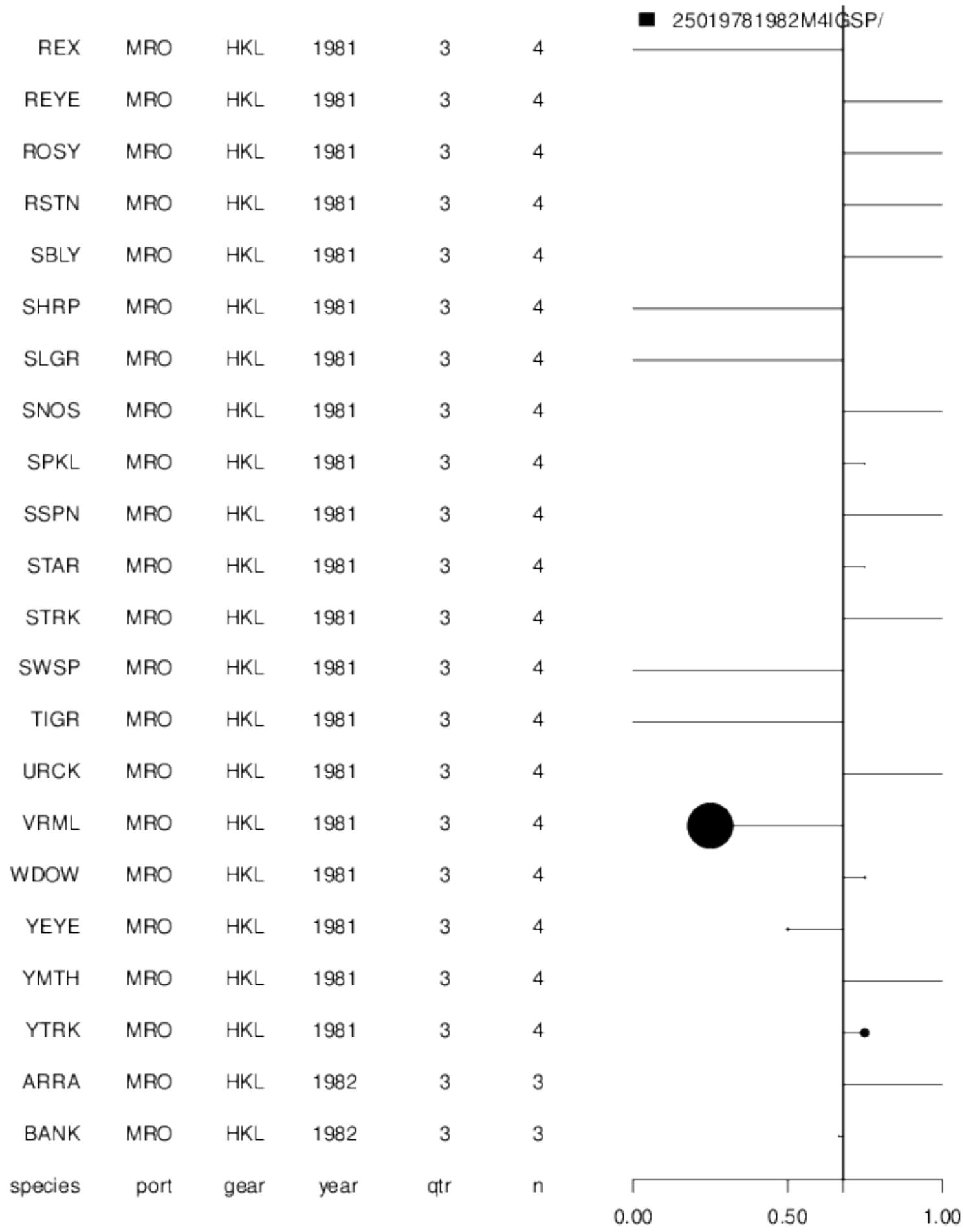


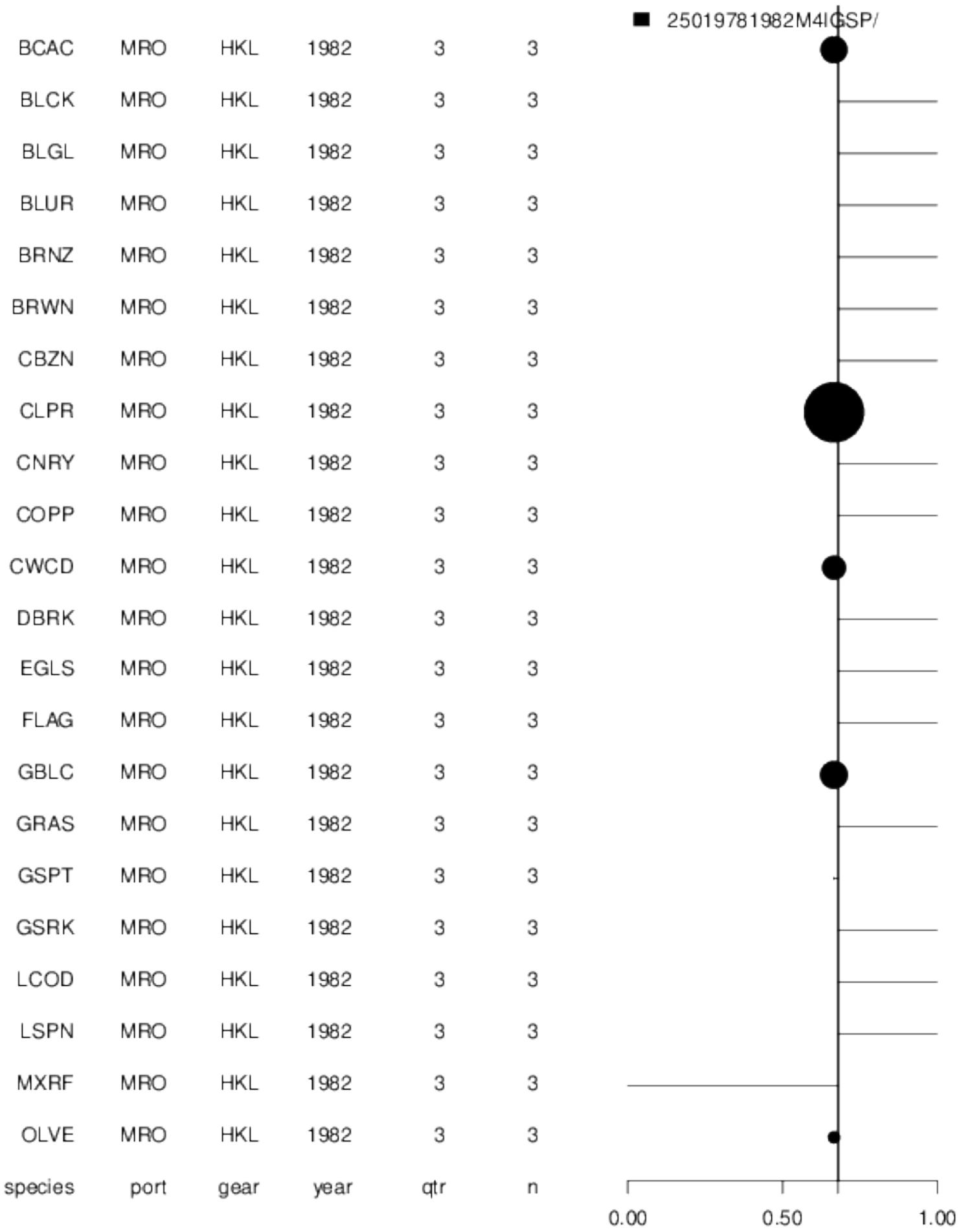


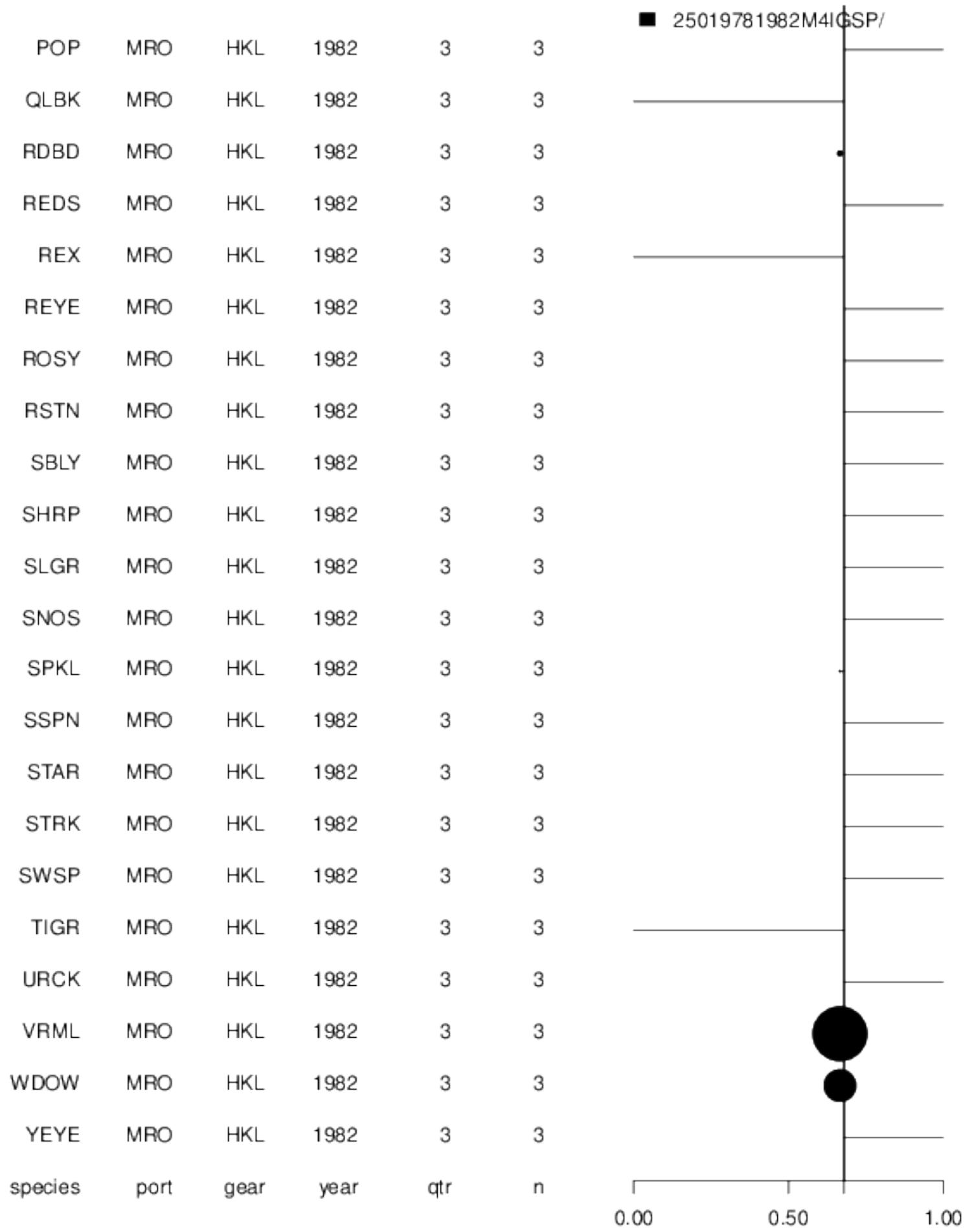


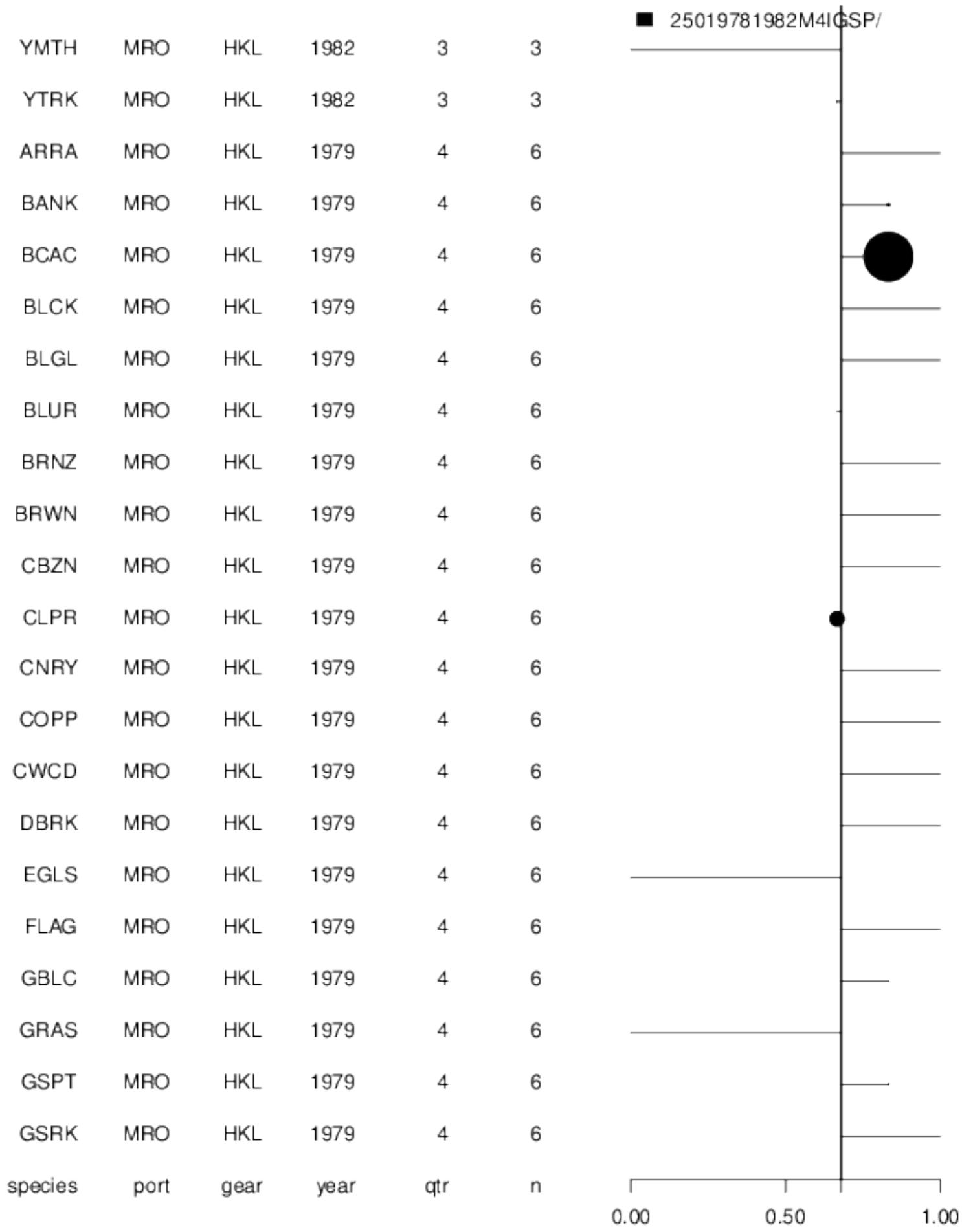


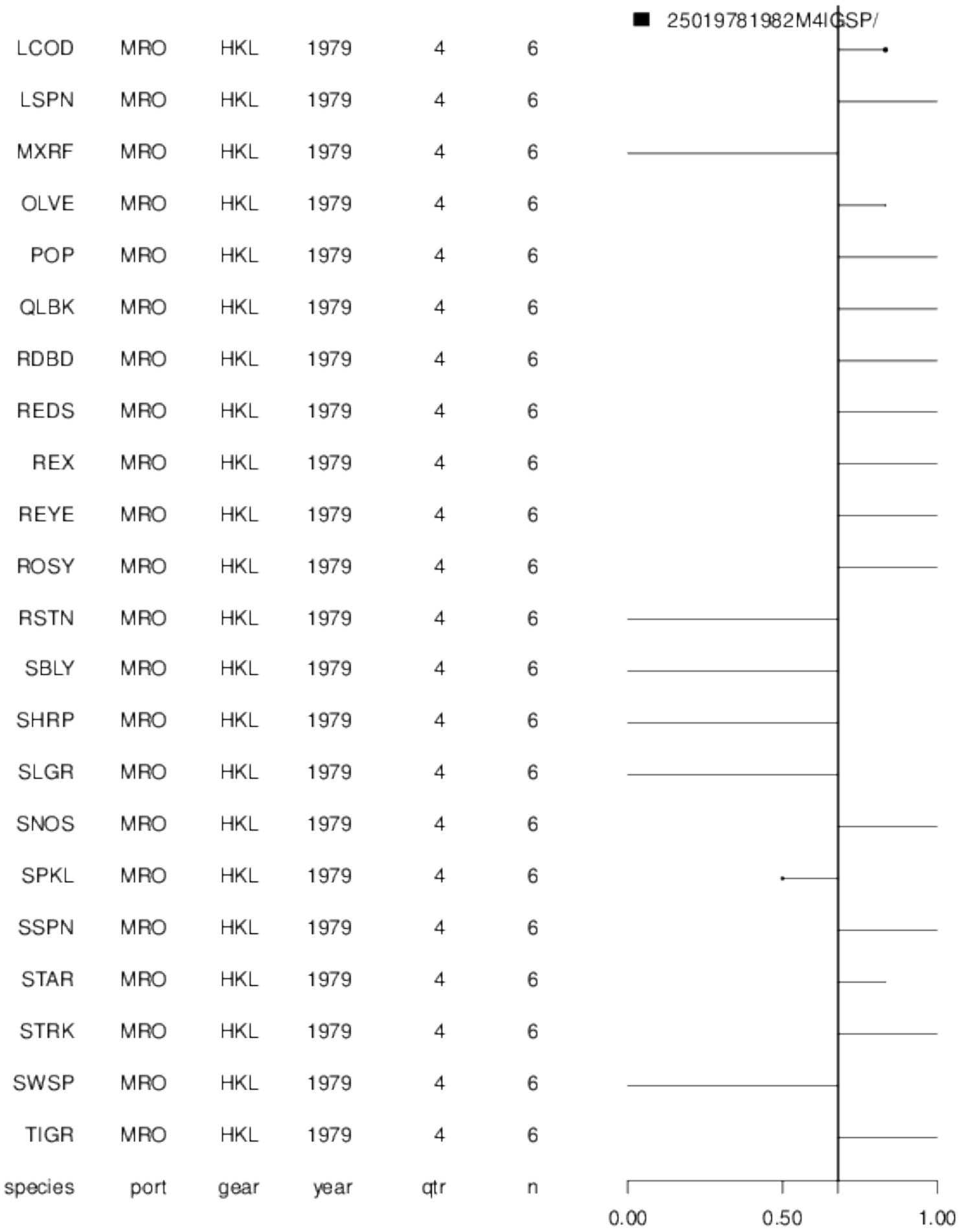


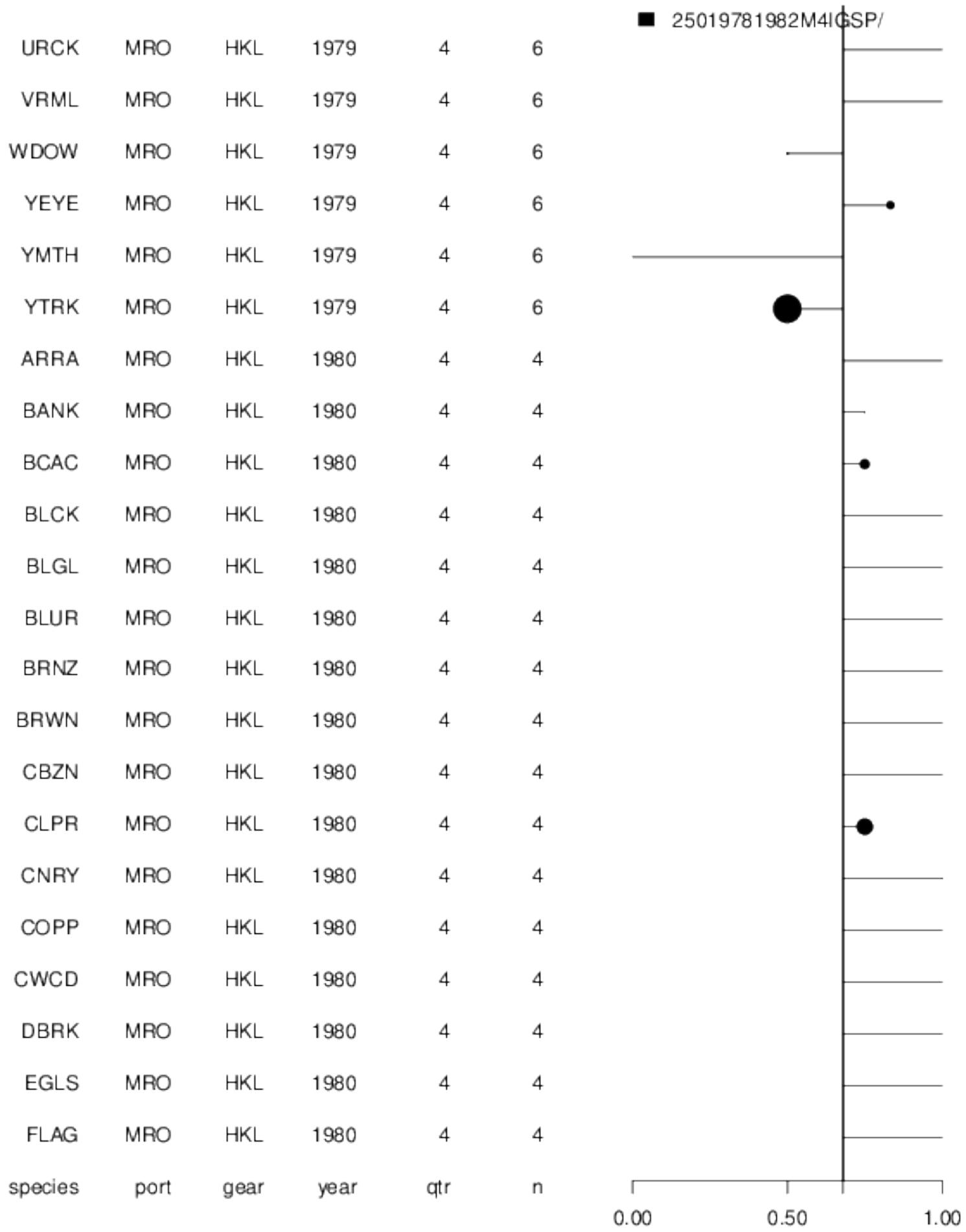


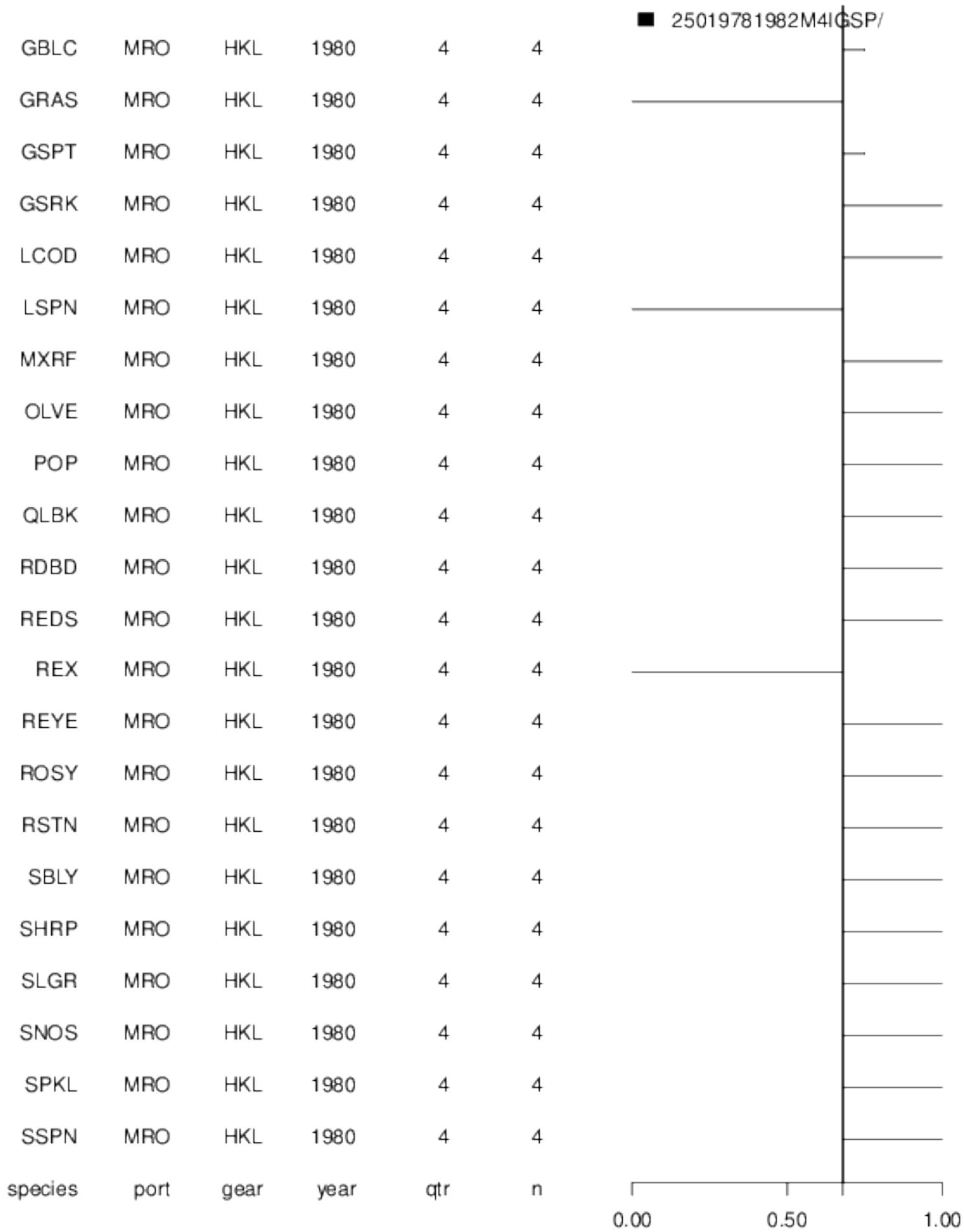


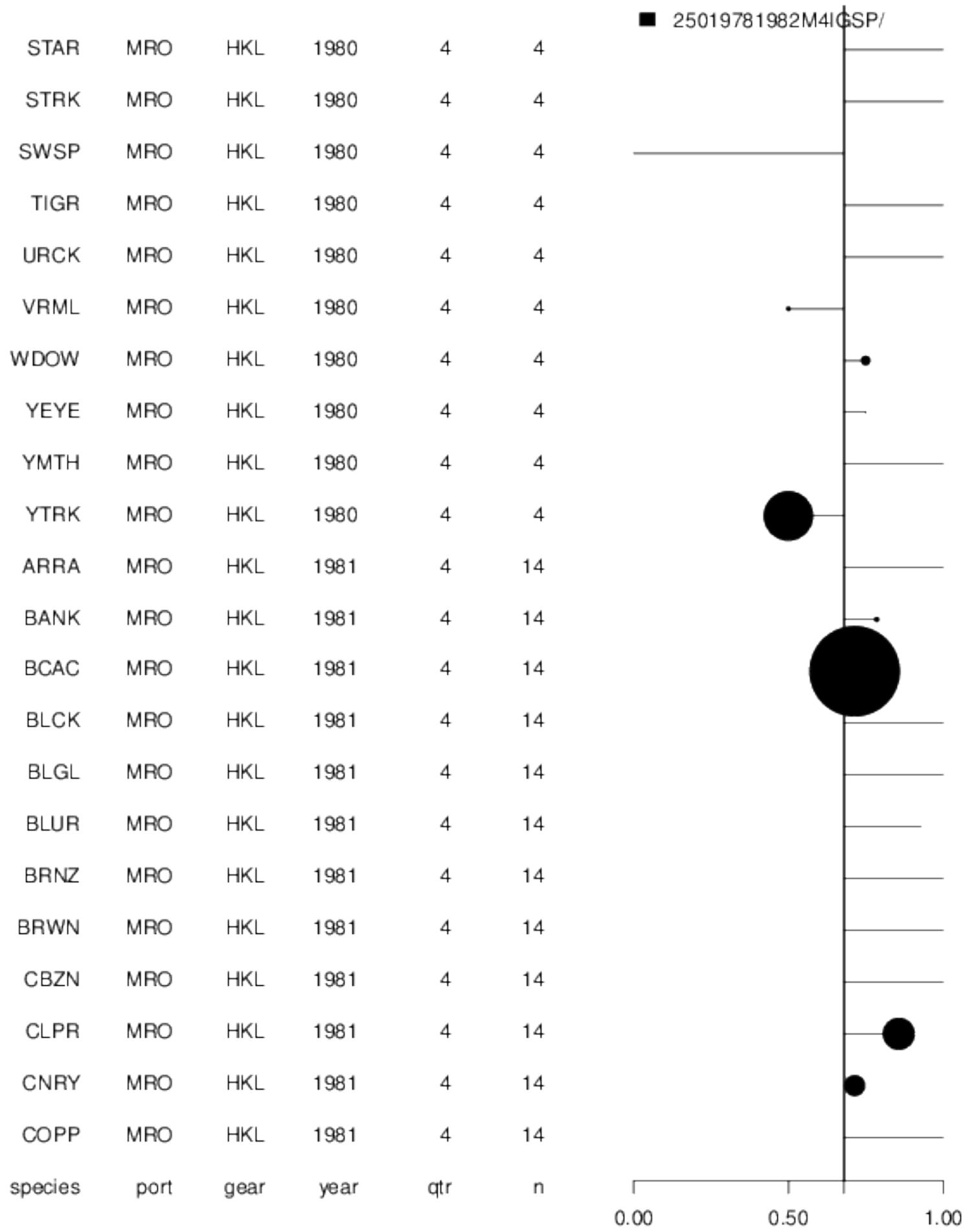


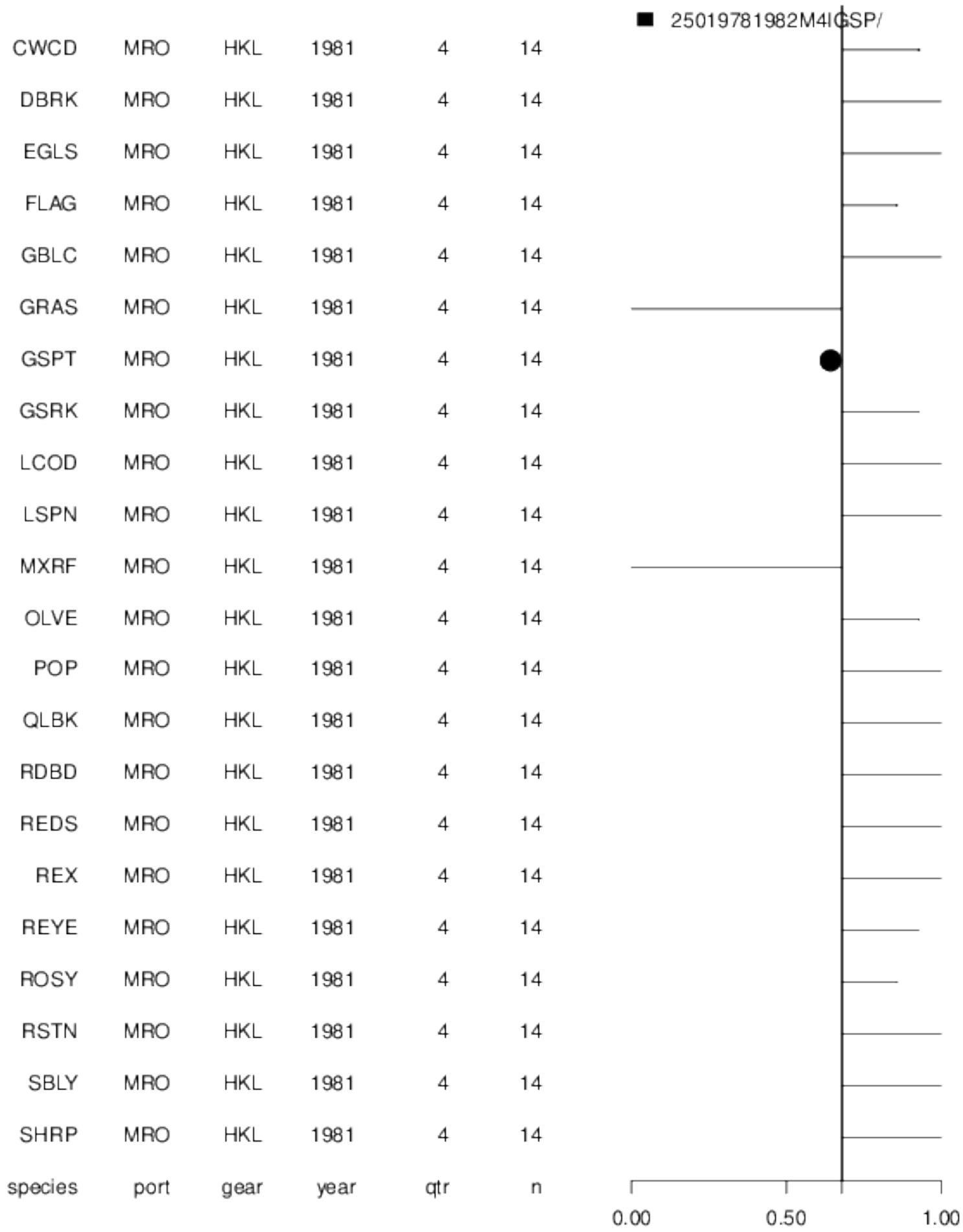


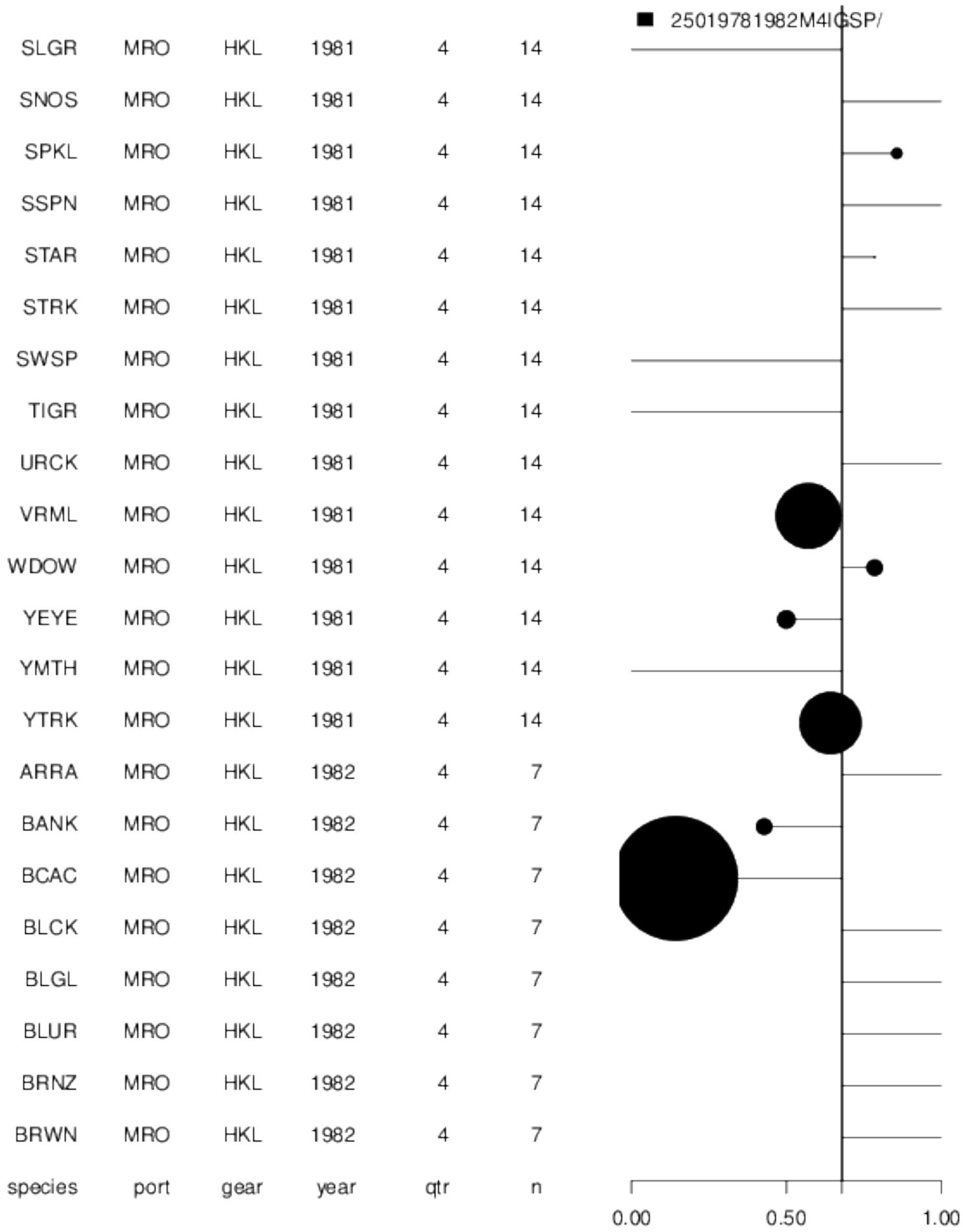


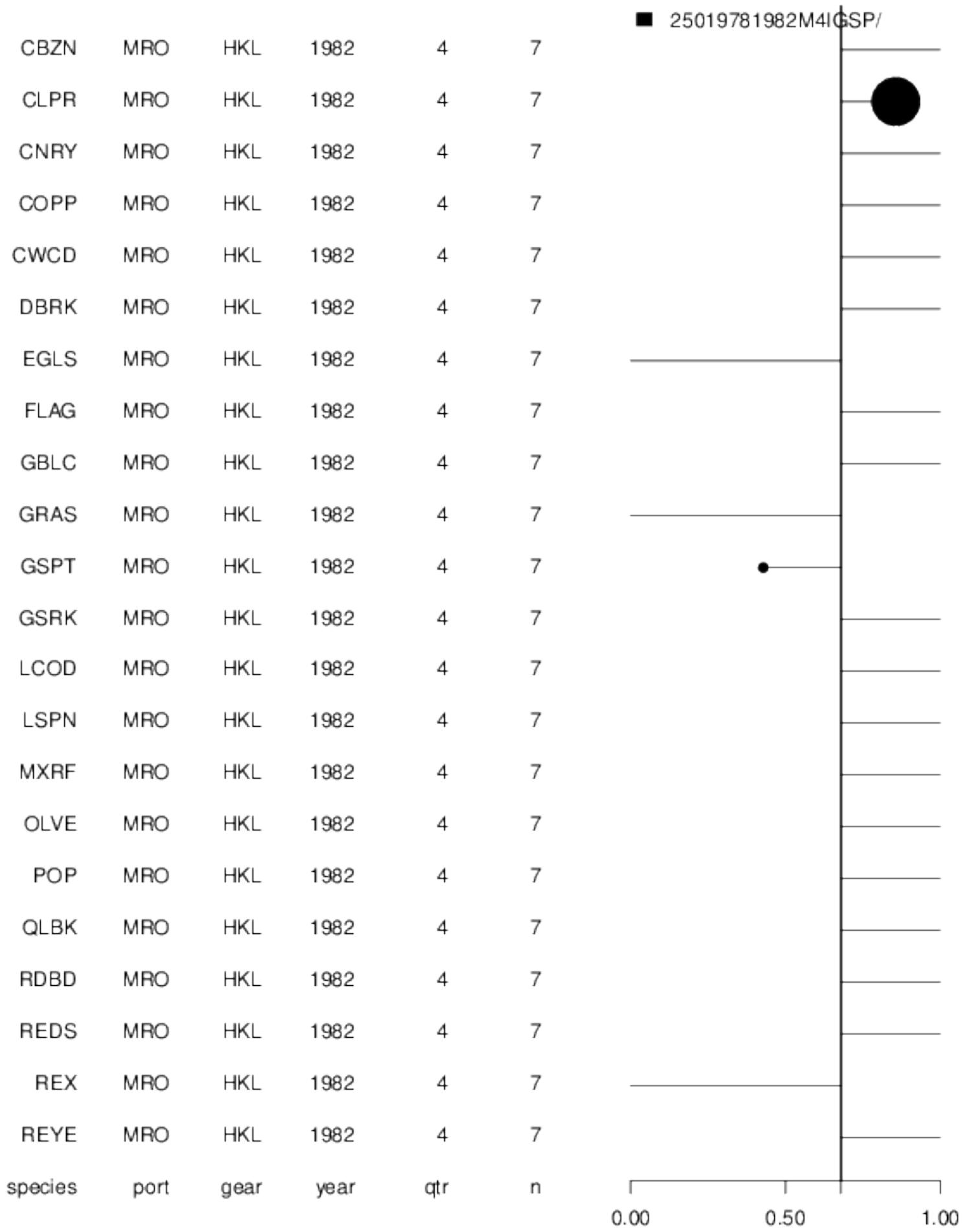


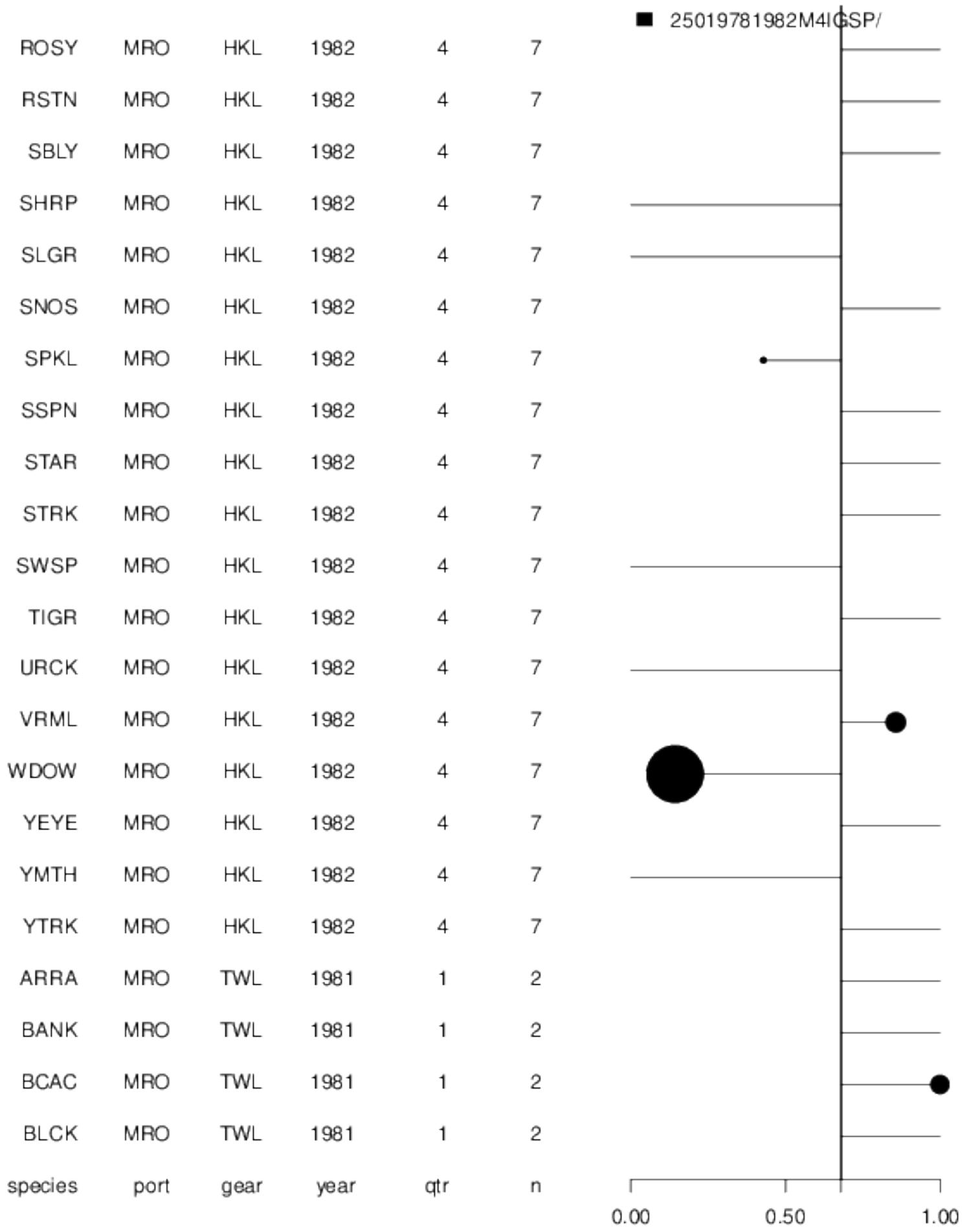


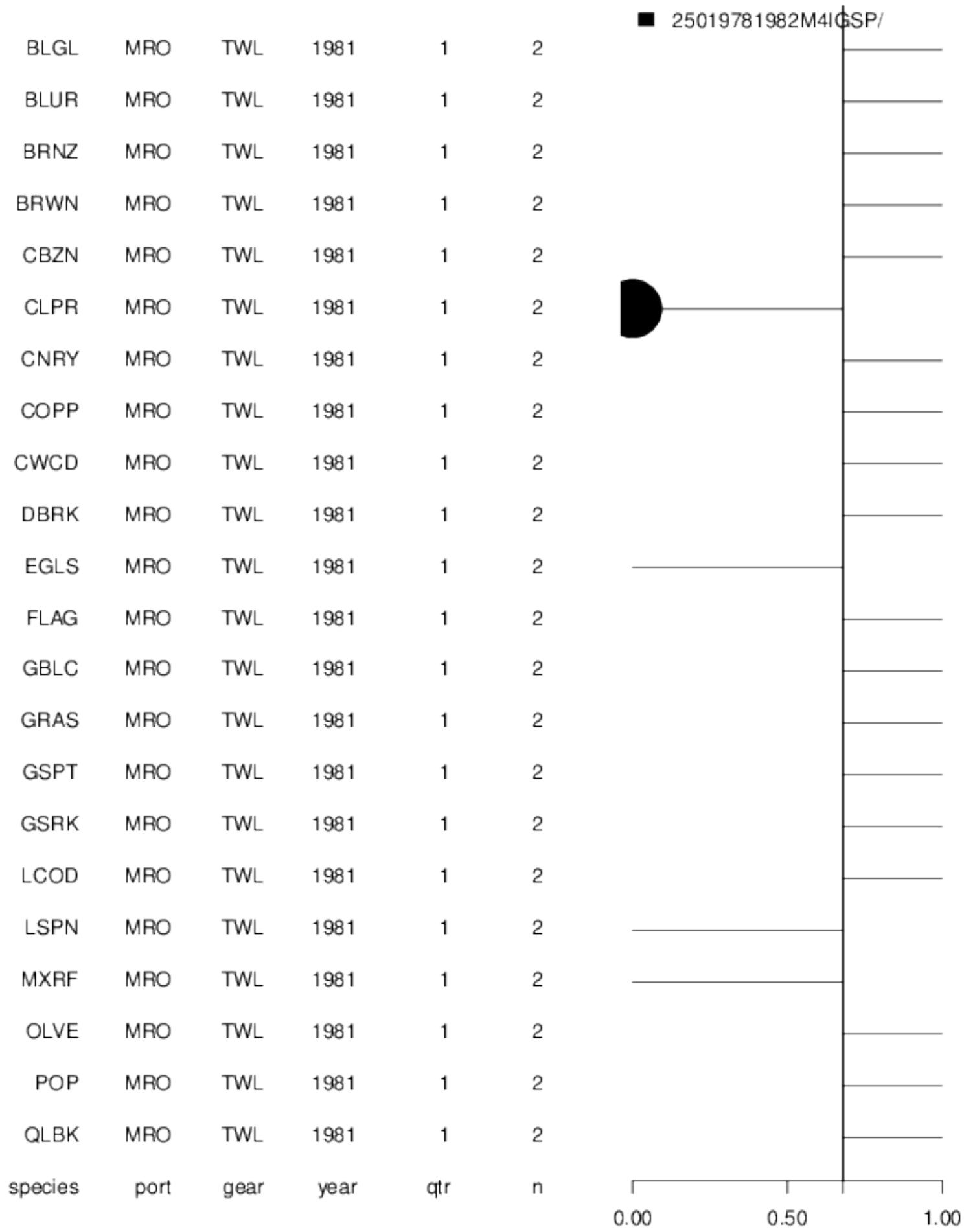


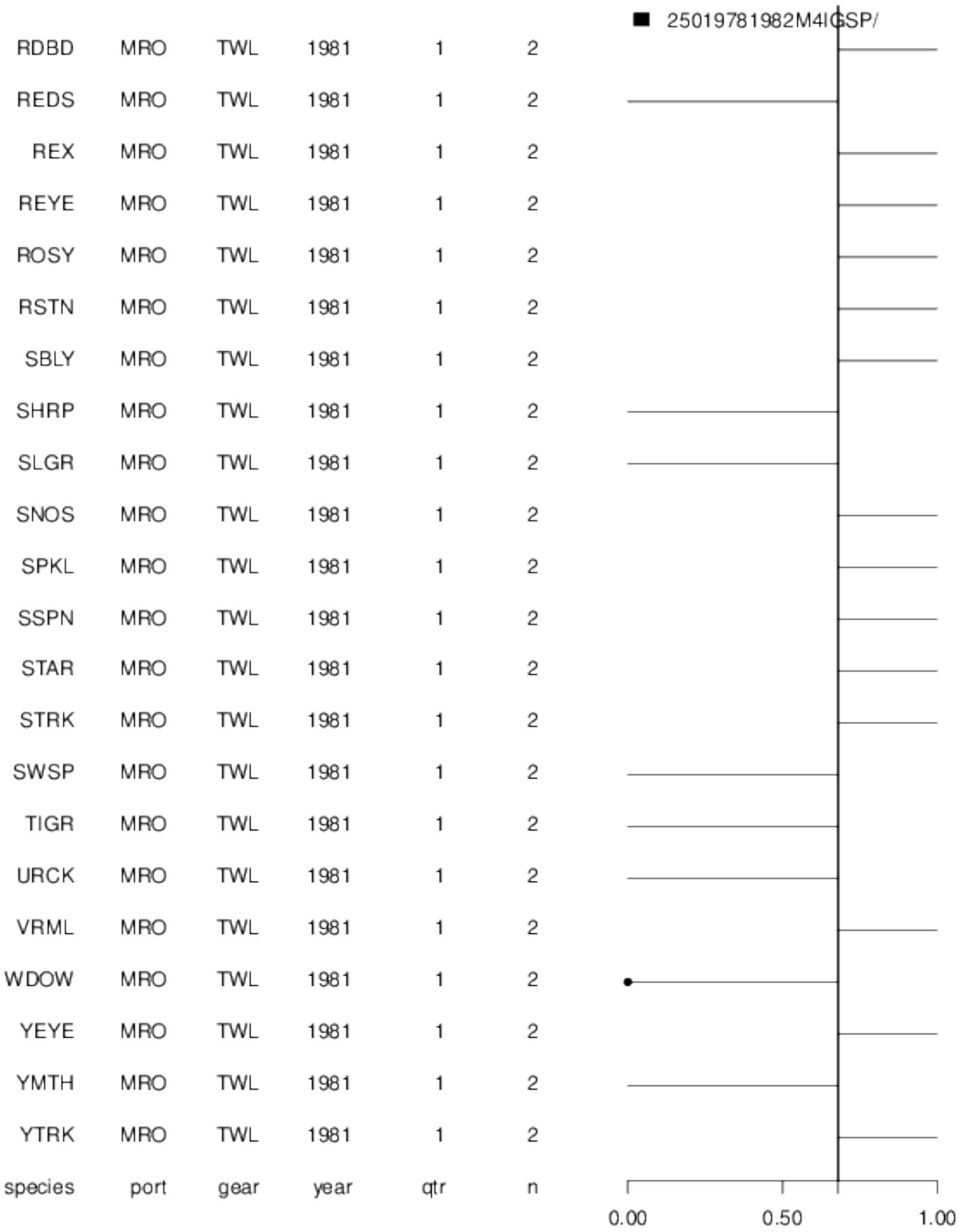


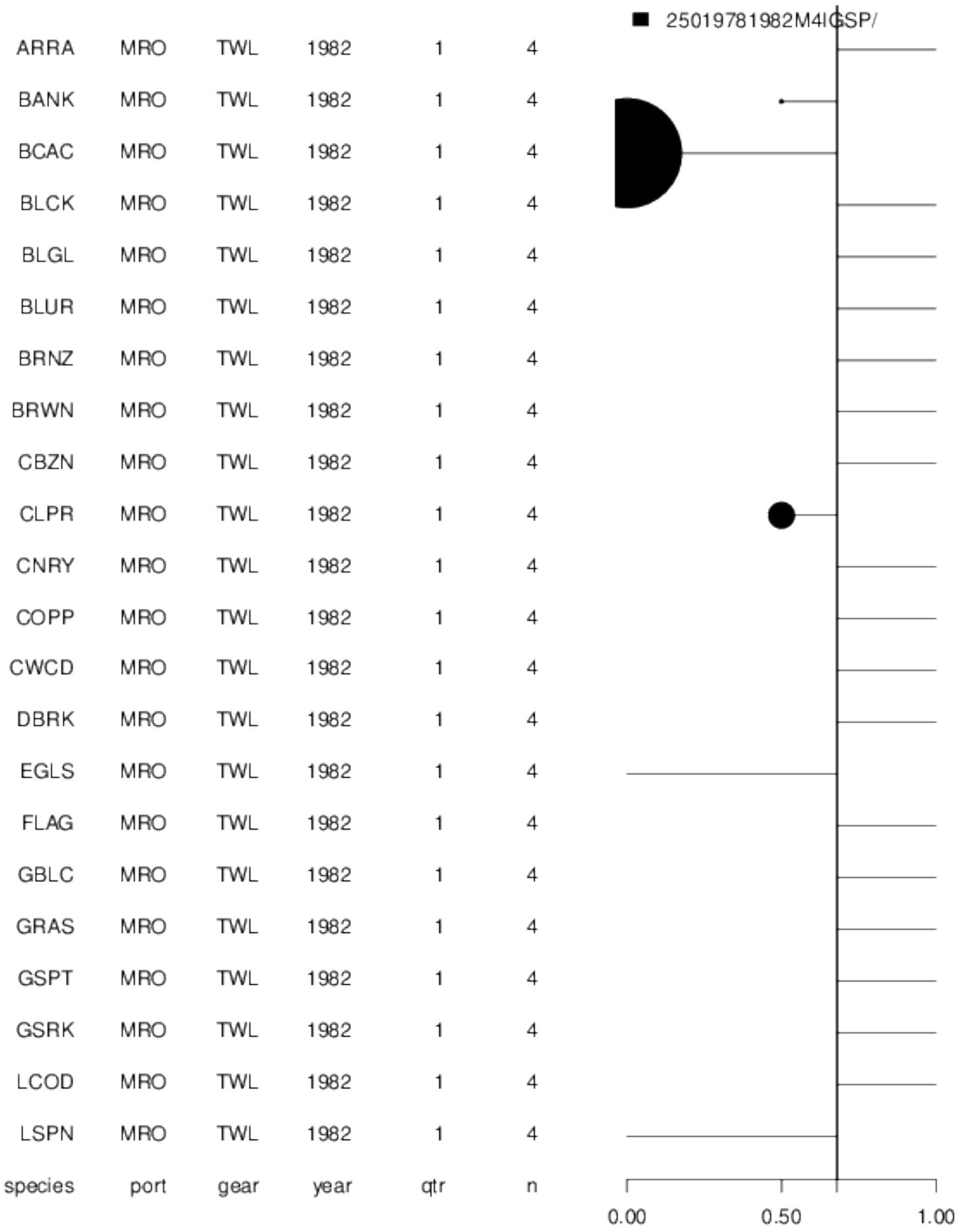


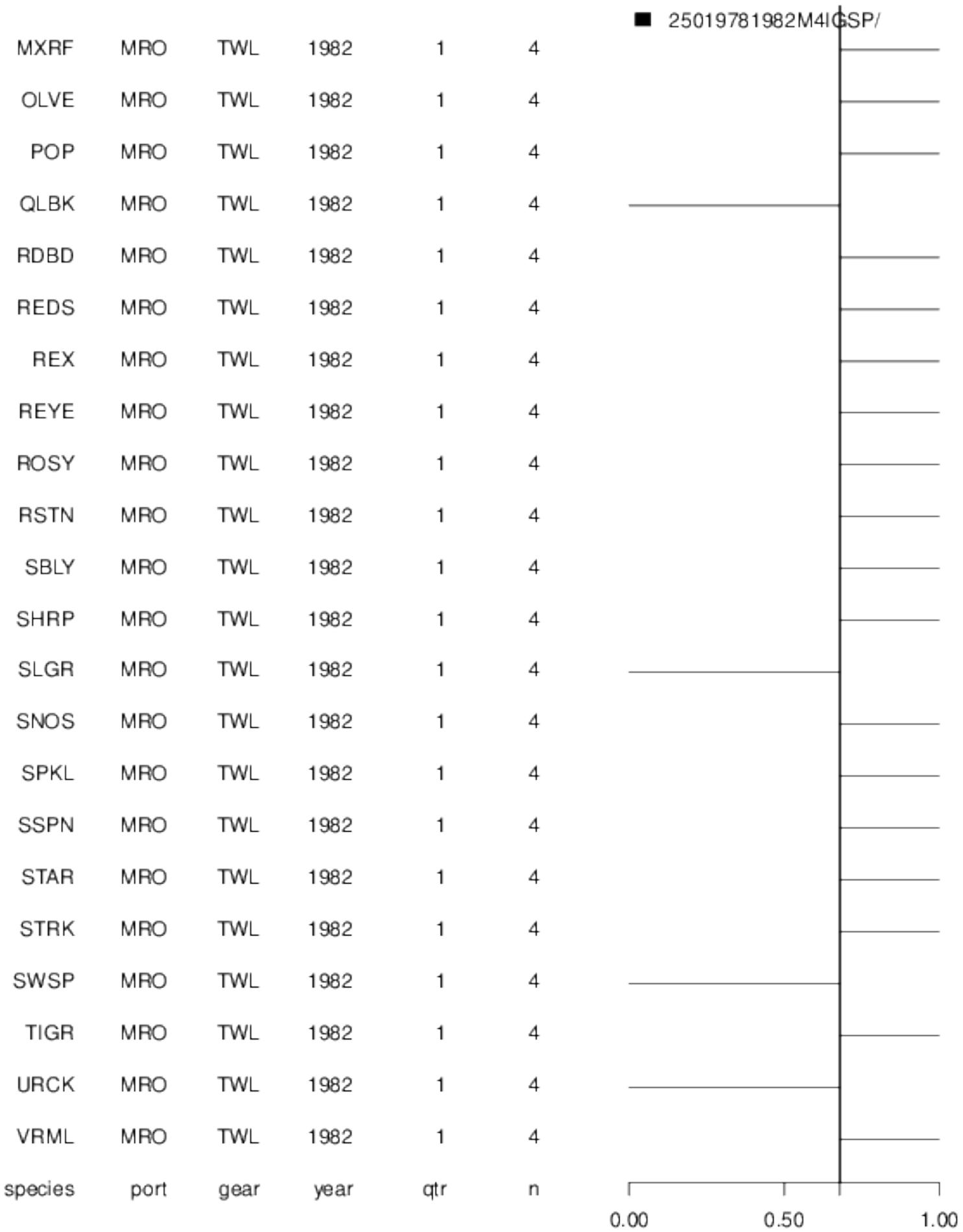


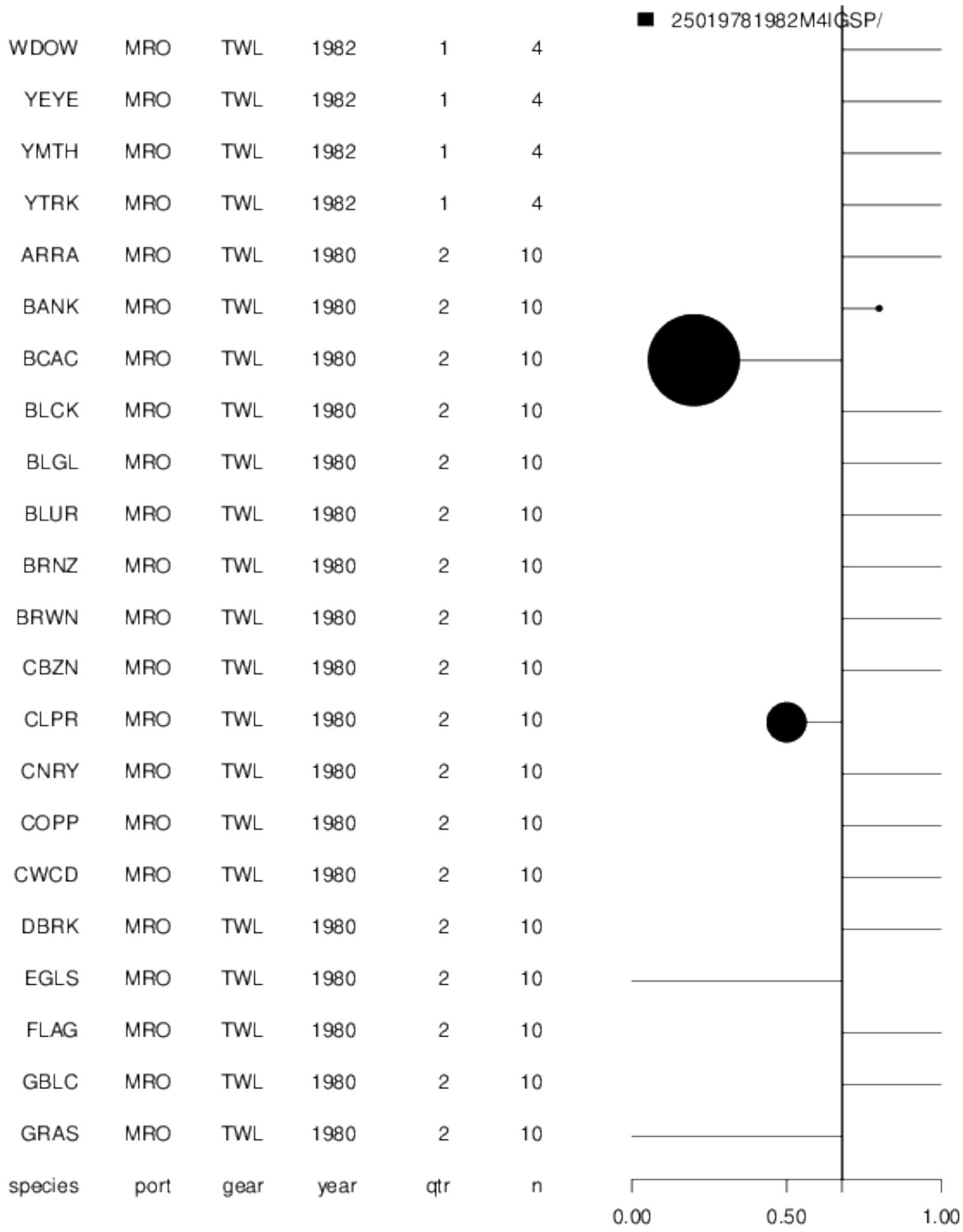


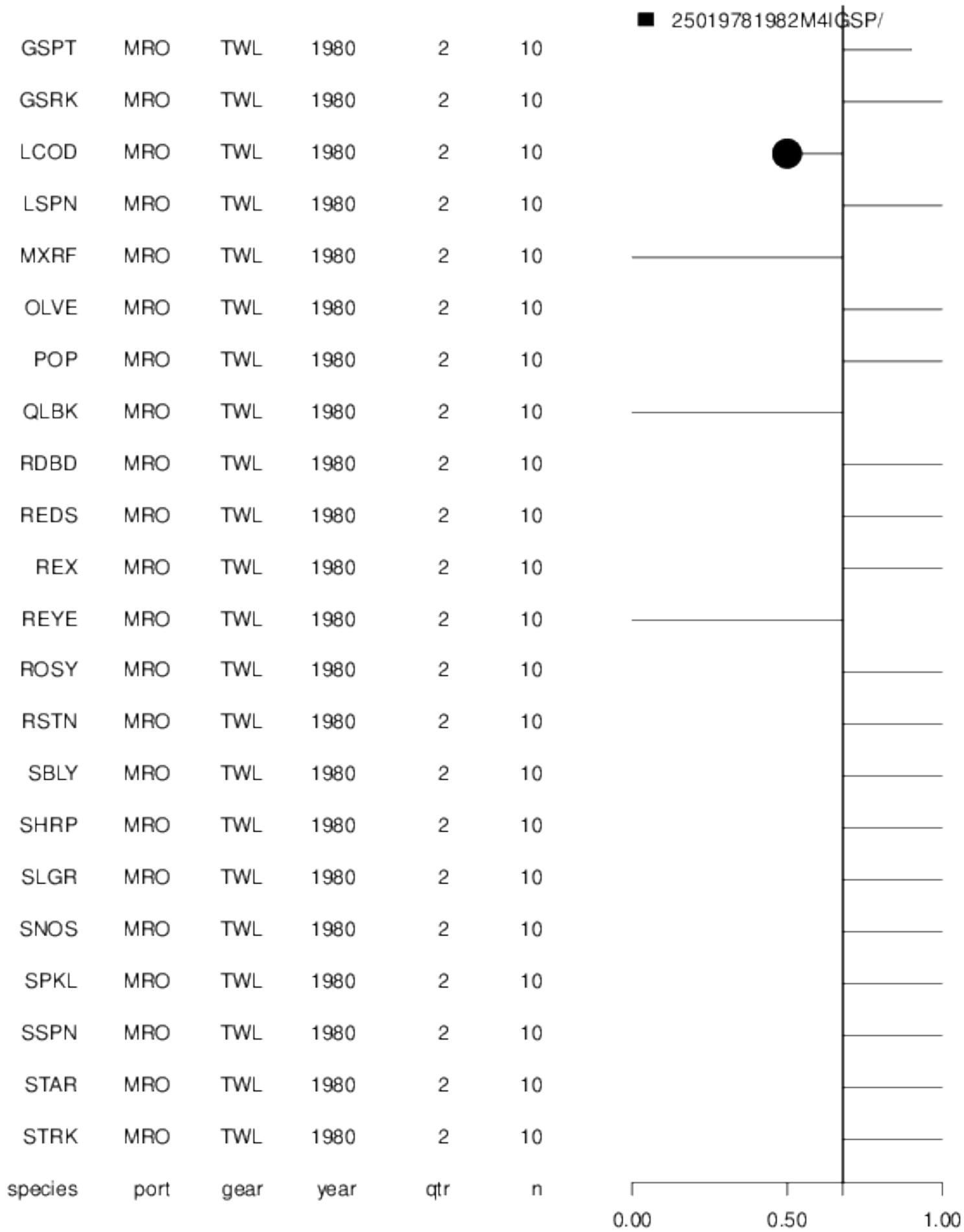


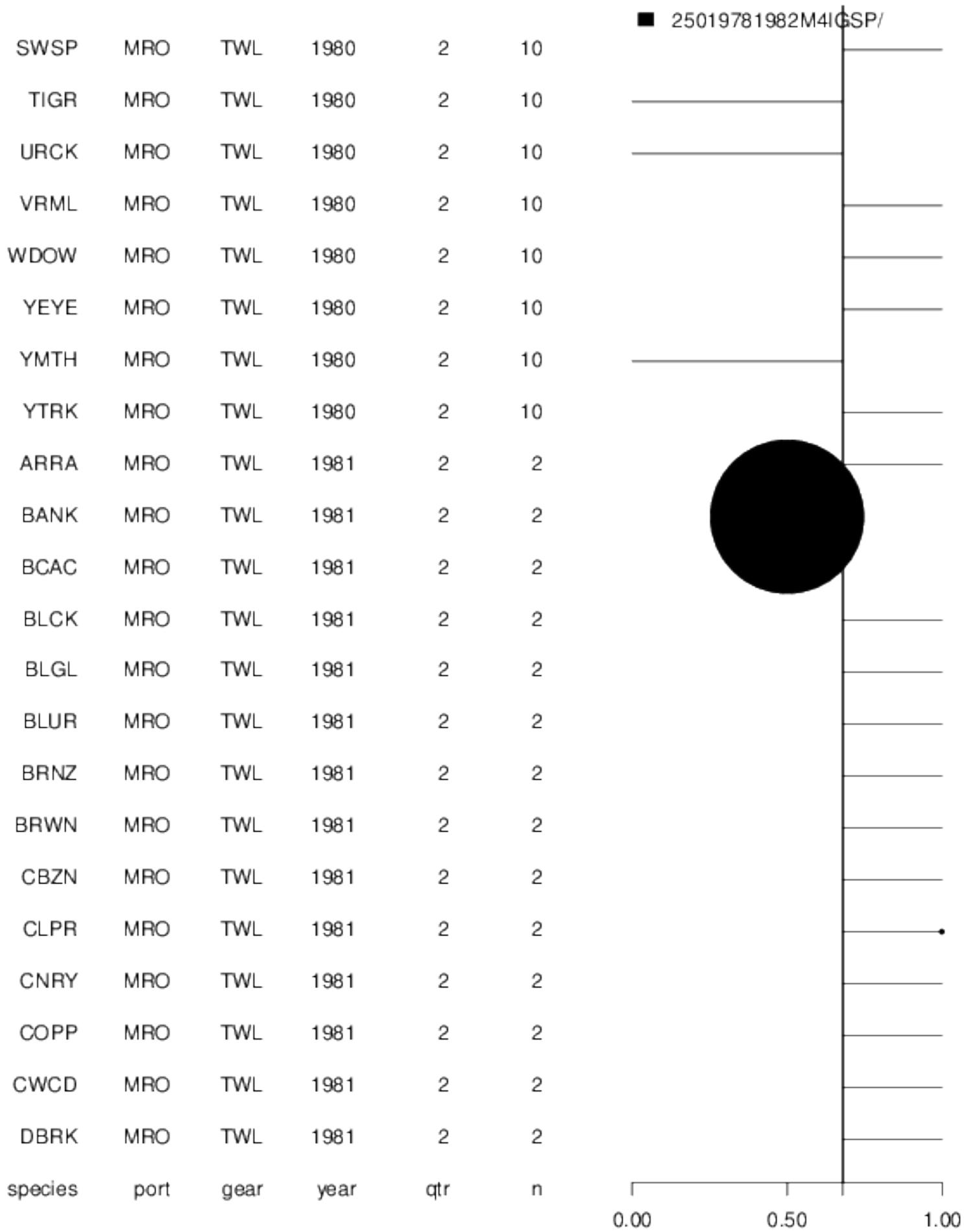


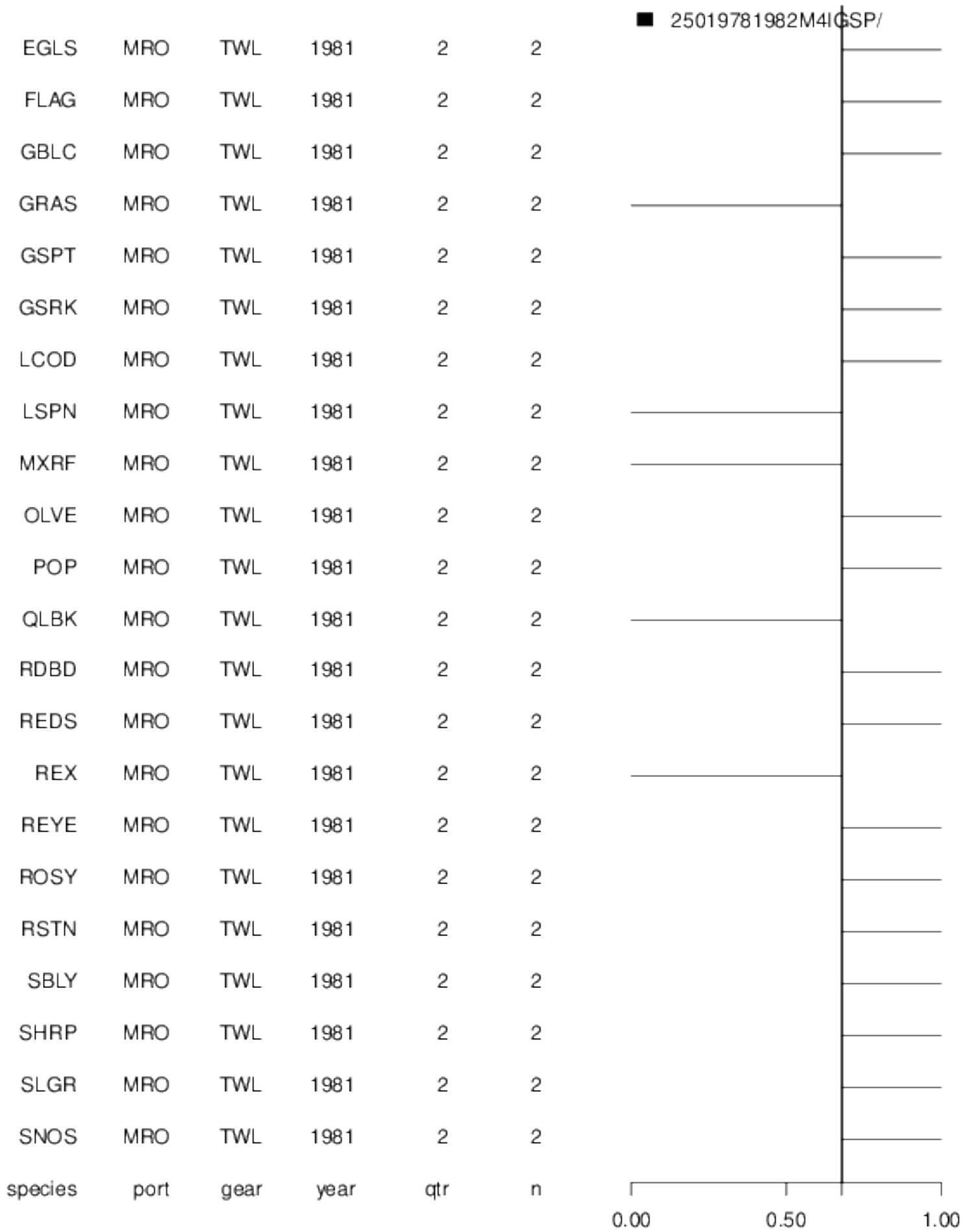


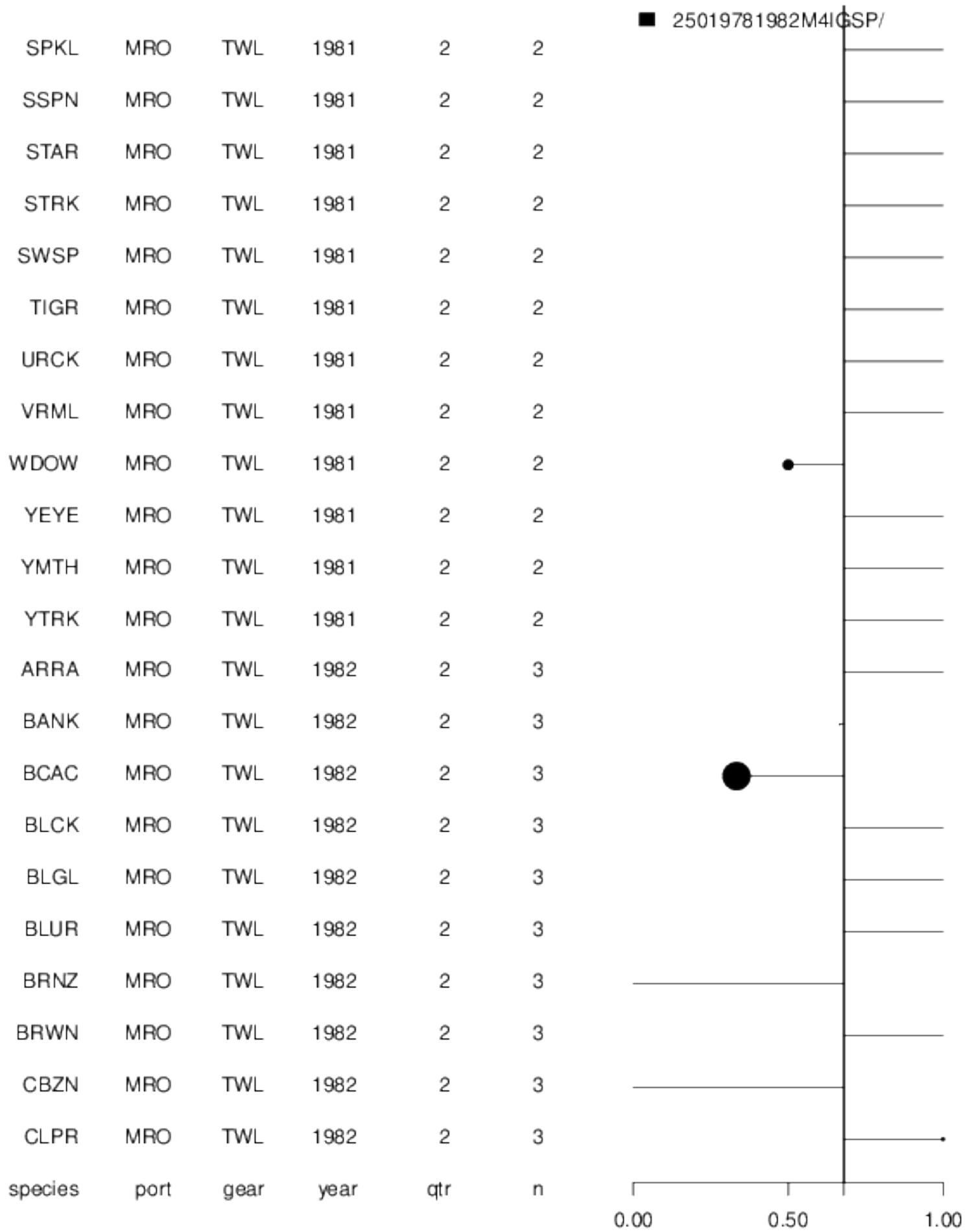


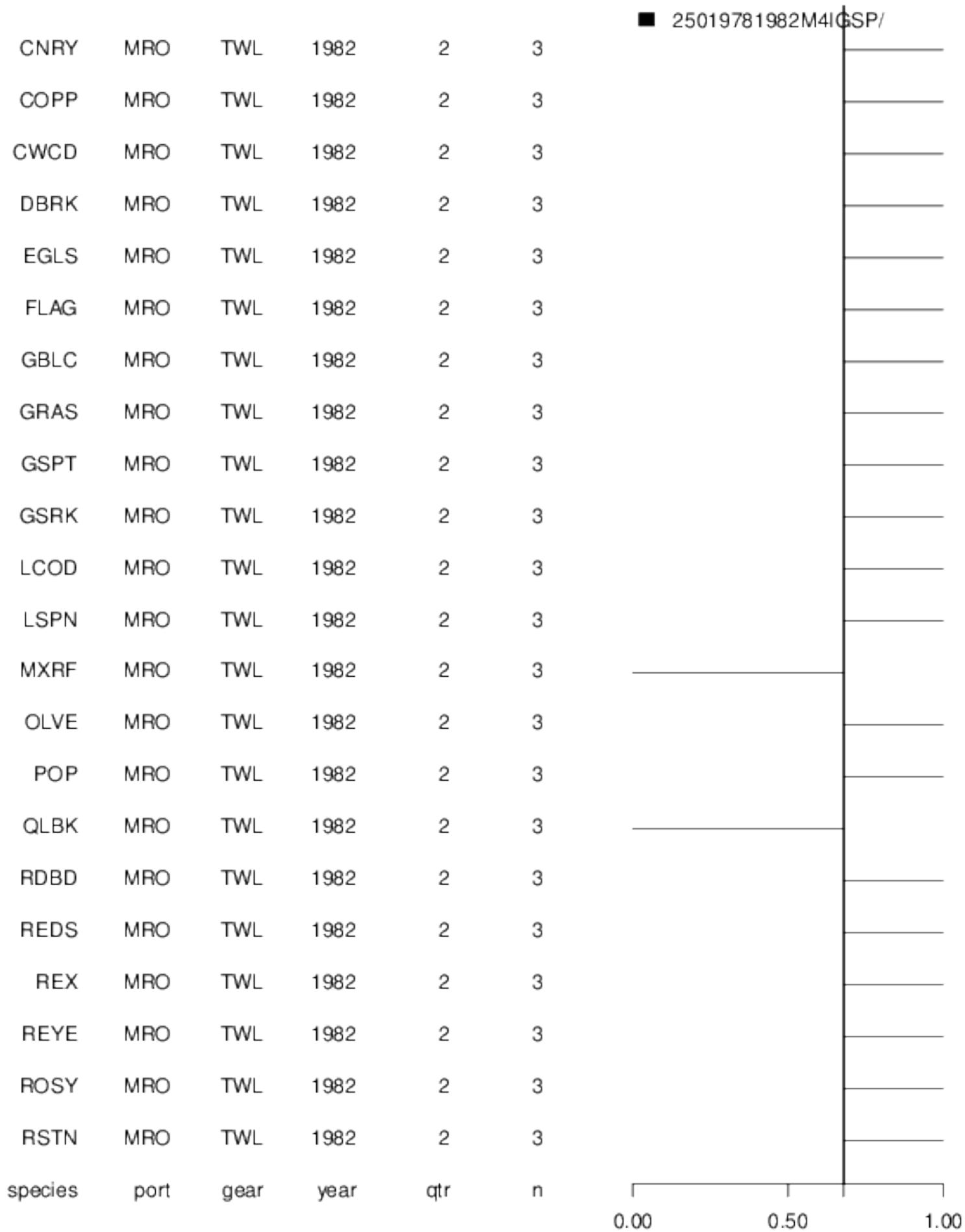


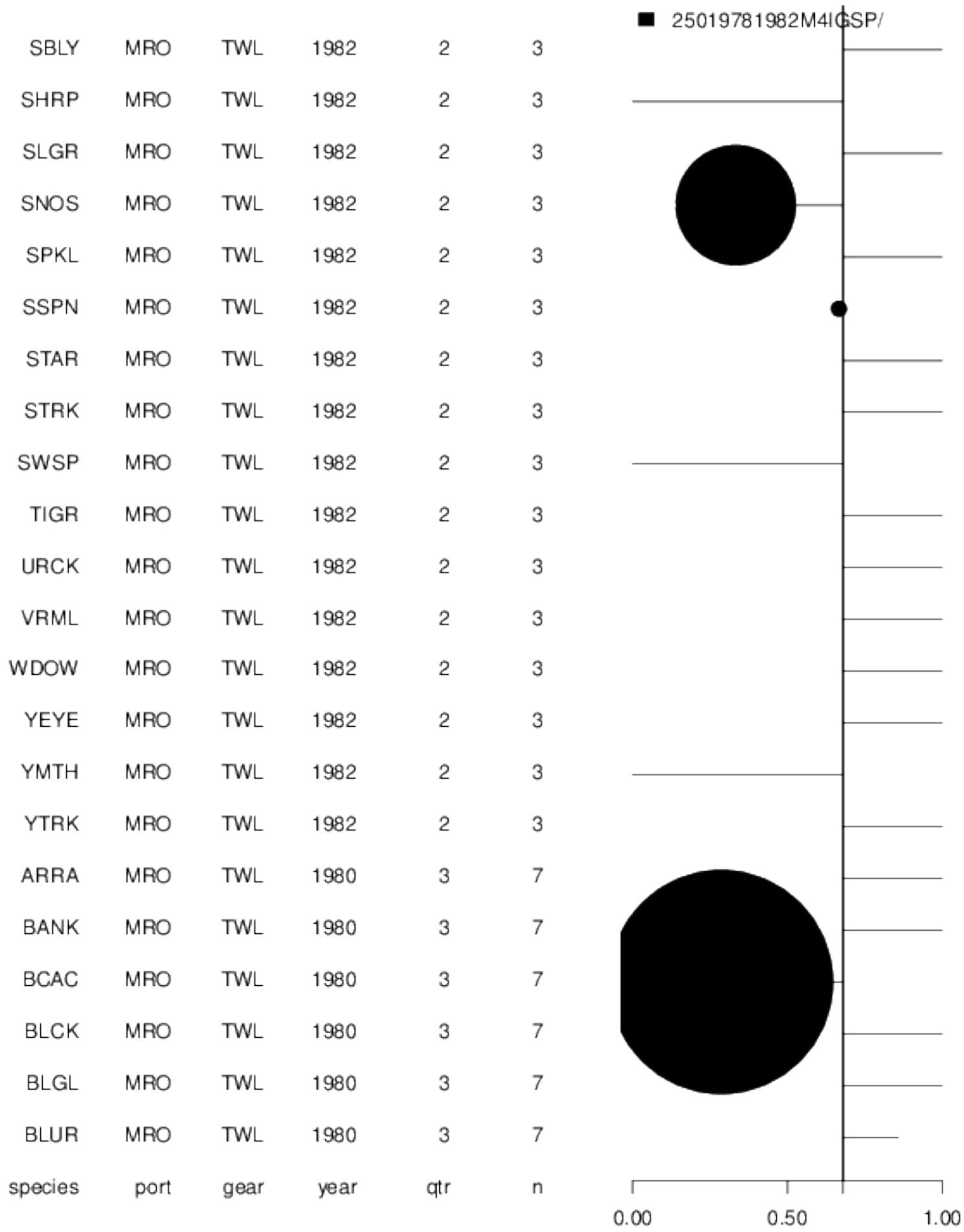


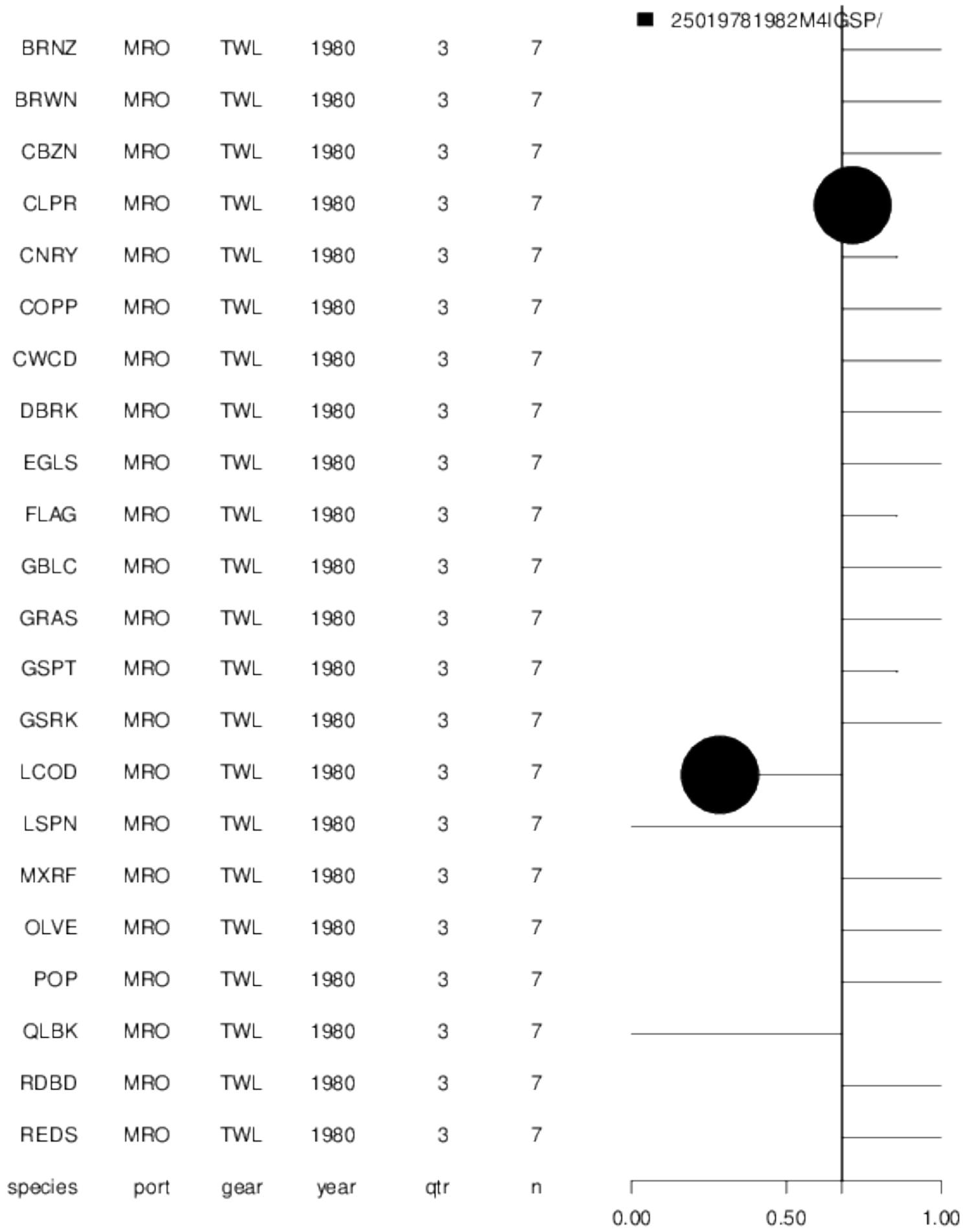


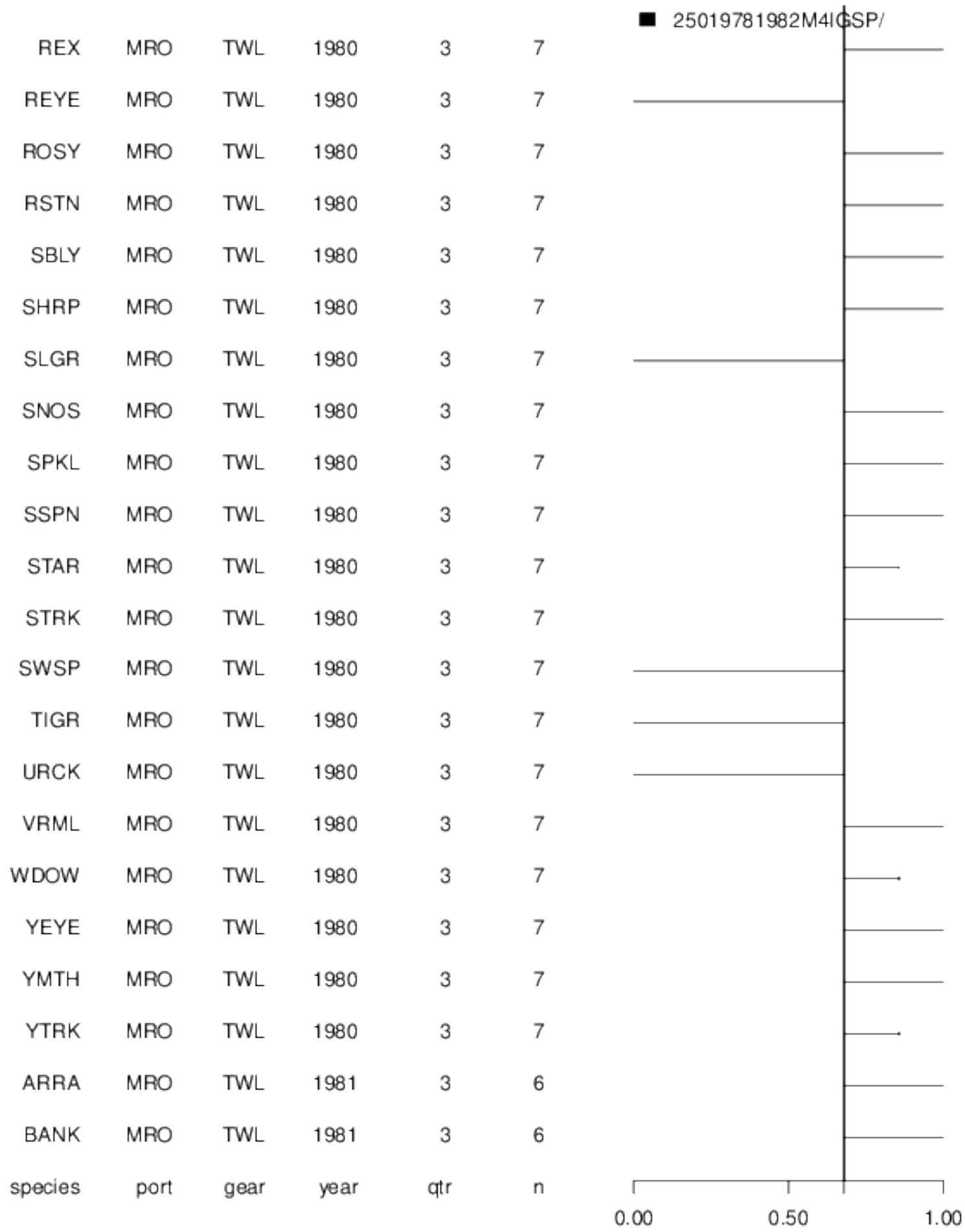












1982M4IGSP/

species	port	gear	year	qtr	n
BCAC	MRO	TWL	1981	3	6
BLCK	MRO	TWL	1981	3	6
BLGL	MRO	TWL	1981	3	6
BLUR	MRO	TWL	1981	3	6
BRNZ	MRO	TWL	1981	3	6
BRWN	MRO	TWL	1981	3	6
CBZN	MRO	TWL	1981	3	6
CLPR	MRO	TWL	1981	3	6
CNRY	MRO	TWL	1981	3	6
COPP	MRO	TWL	1981	3	6
CWCD	MRO	TWL	1981	3	6
DBRK	MRO	TWL	1981	3	6
EGLS	MRO	TWL	1981	3	6
FLAG	MRO	TWL	1981	3	6
GBLC	MRO	TWL	1981	3	6
GRAS	MRO	TWL	1981	3	6
GSPT	MRO	TWL	1981	3	6
GSRK	MRO	TWL	1981	3	6
LCOD	MRO	TWL	1981	3	6
LSPN	MRO	TWL	1981	3	6
MXRF	MRO	TWL	1981	3	6
OLVE	MRO	TWL	1981	3	6

