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Indicatori di qualità diagnostica



Alfonso Frigerio

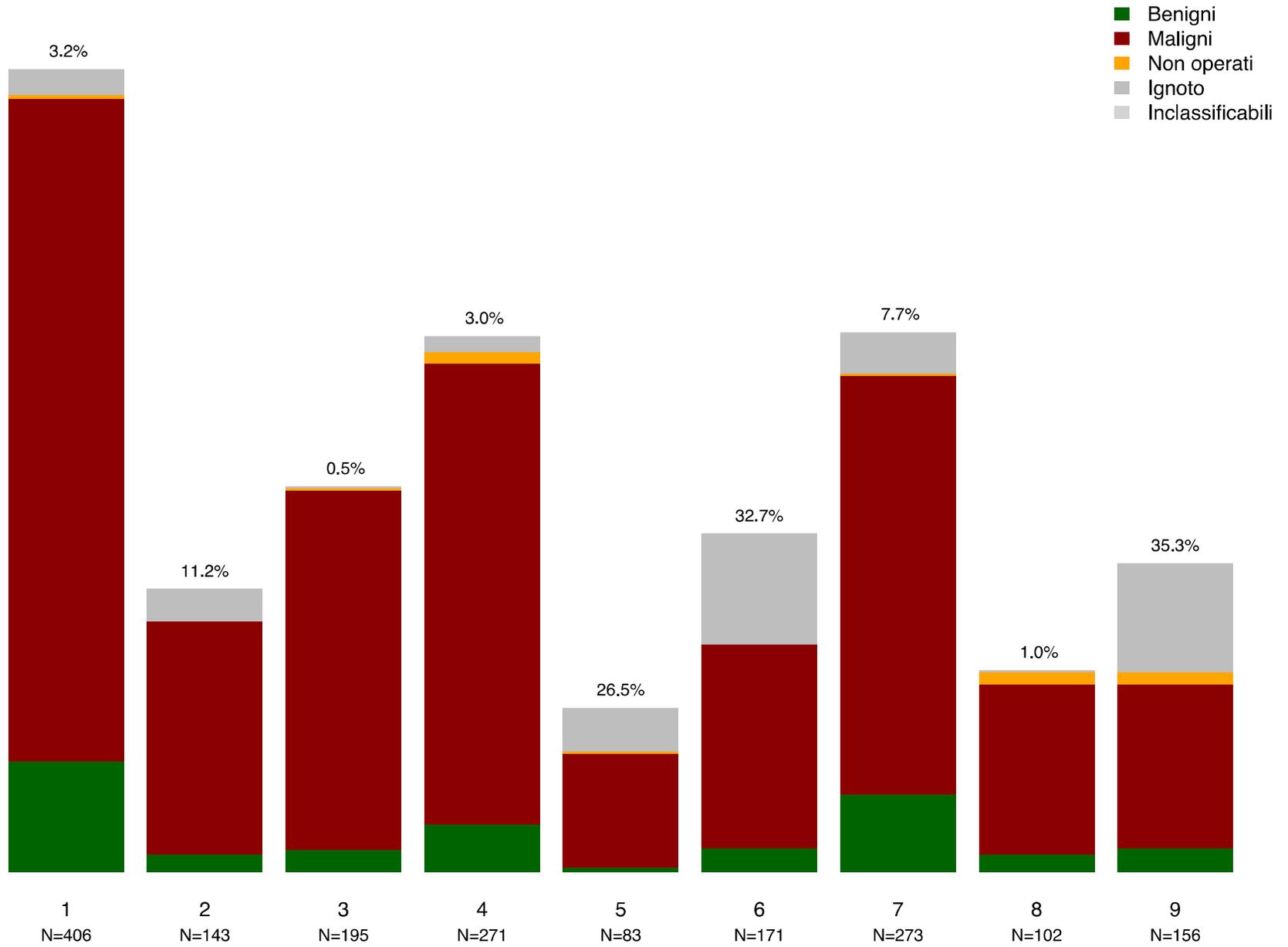
con la collaborazione di

Antonio Ponti, Mariano Tomatis, Denise Casella, Veronica Macaluso

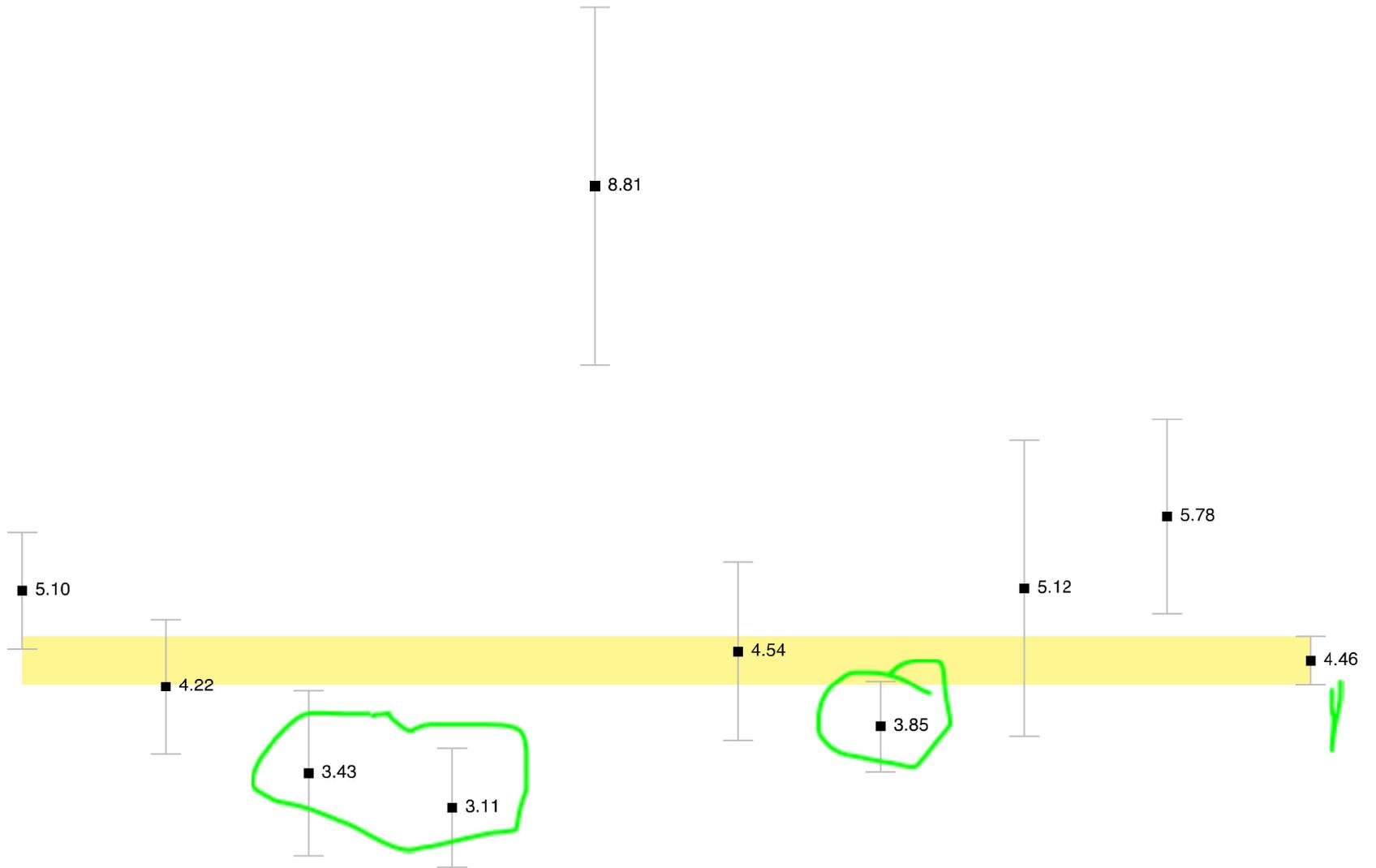
Centro di Riferimento Regionale (CRR) per lo Screening Mammografico

AOU Città della Salute e della Scienza - Torino

2018: N. lesioni screen detected e proporzione di diagnosi ignota

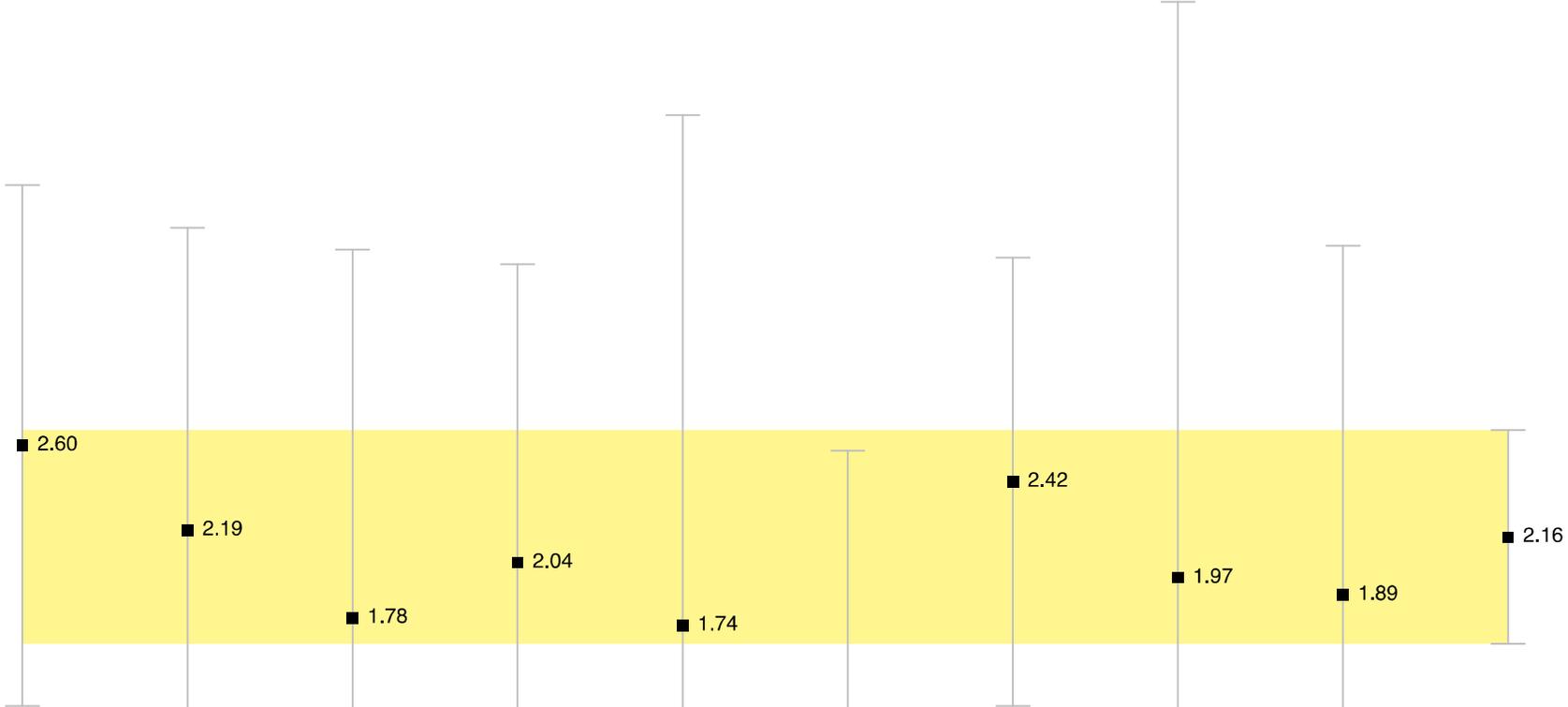


2018: Recall Rate, Esami successivi (45–49)



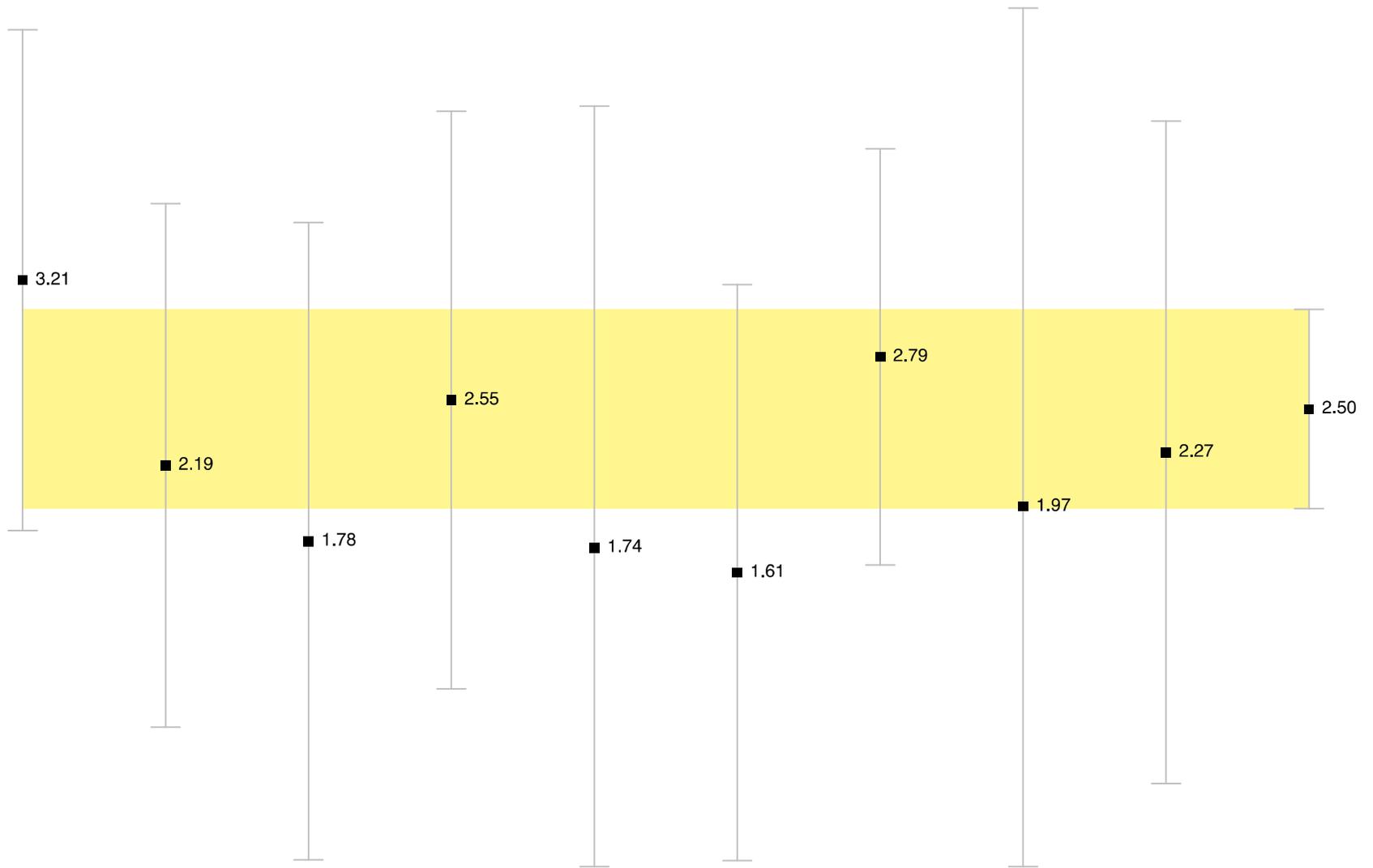
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	334	173	77	122	101	113	318	52	153	1443

2018: DR Invasivi, Esami successivi (45-49)



Dip.	1	2	3	4	5	6	7	8	9	Pie
N	17	9	4	8	2	3	20	2	5	70

2018: DR Maligni, Esami successivi (45–49)



Dip.

1

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Pie

N

21

9

4

10

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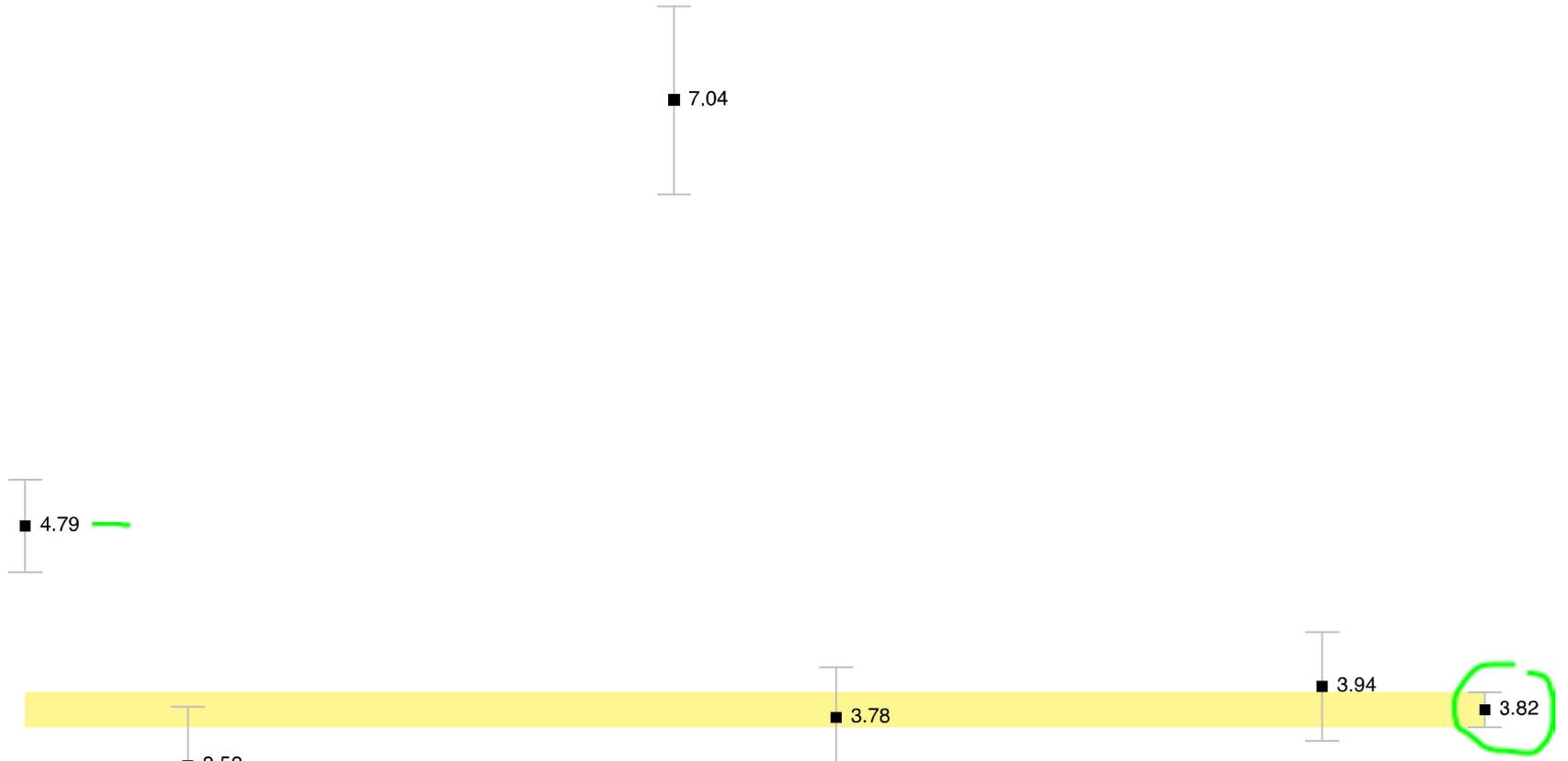
23

2

6

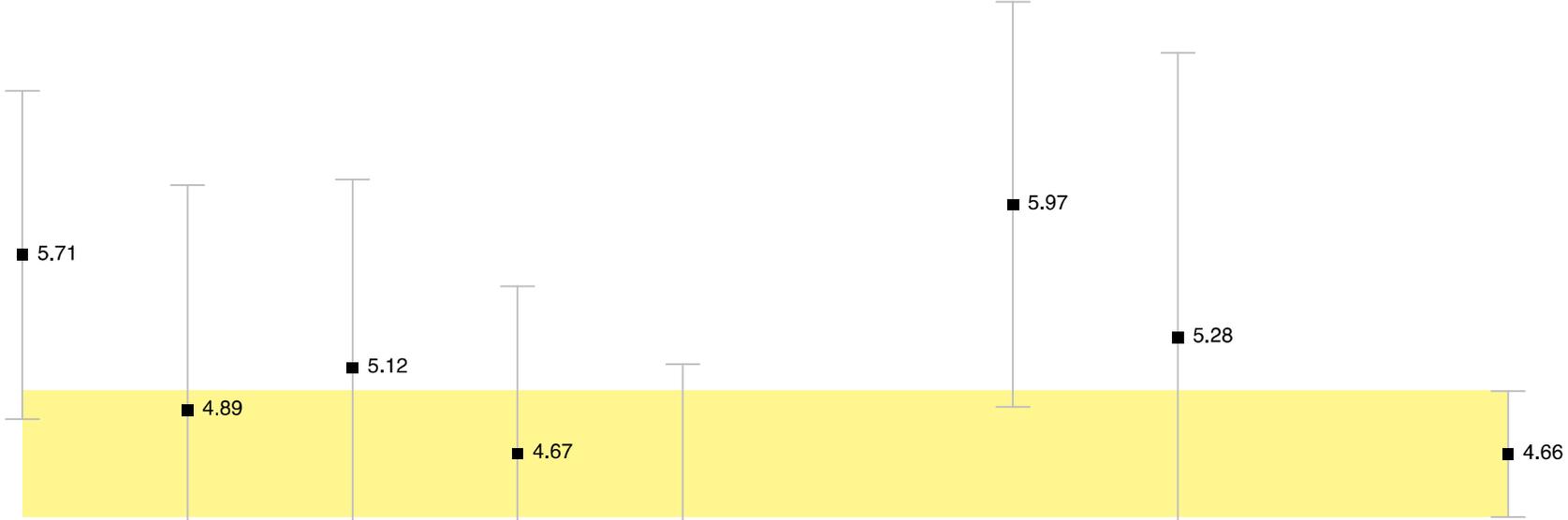
81

2018: Recall Rate, Esami successivi (50–69)



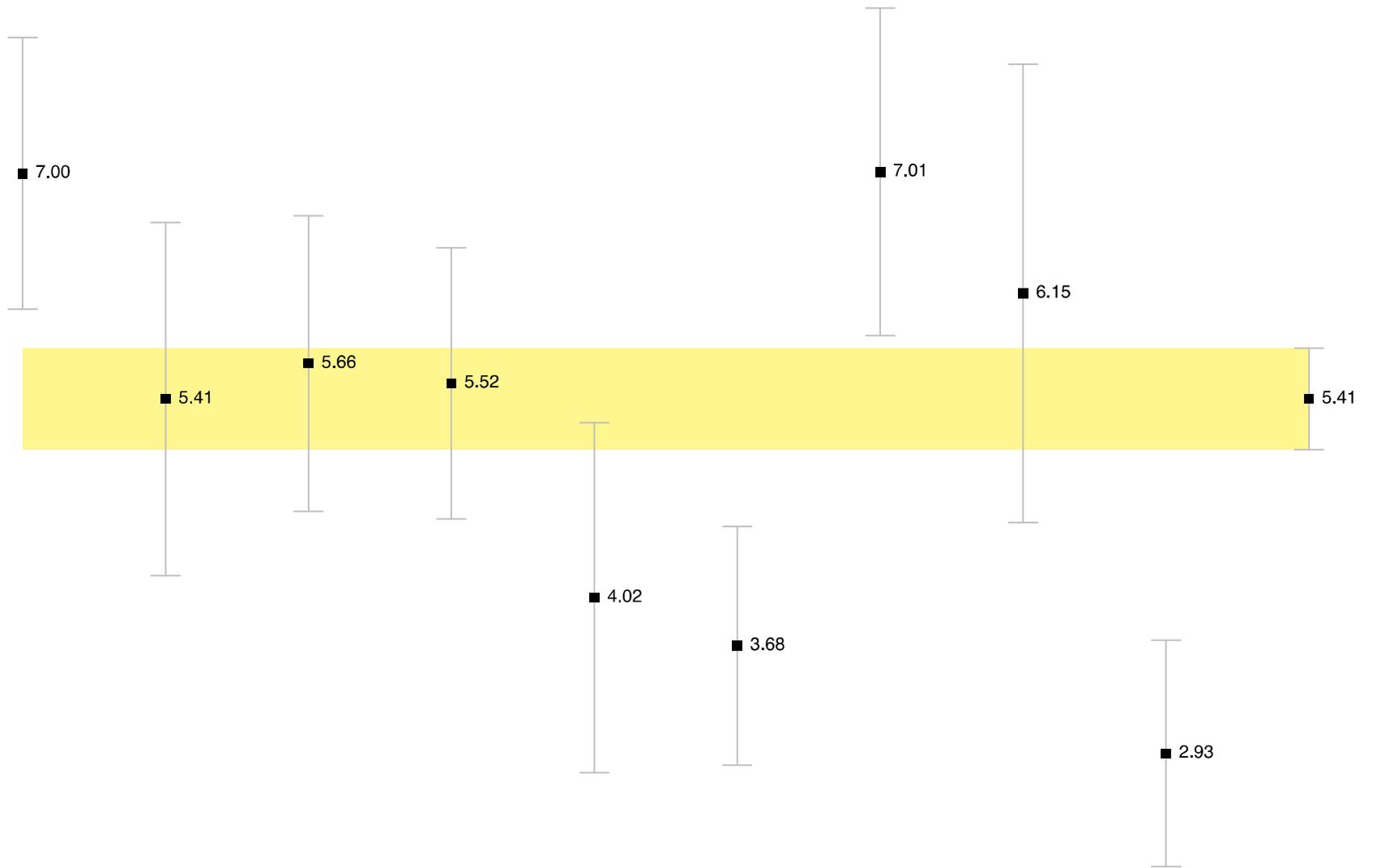
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	1409	475	525	766	718	759	637	265	700	6254

2018: DR Invasivi, Esami successivi (50-69)



Dip.	1	2	3	4	5	6	7	8	9	Pie
N	168	66	103	109	40	63	121	48	46	764

2018: DR Maligni, Esami successivi (50–69)



Dip.

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Pie

N

206

73

114

129

41

74

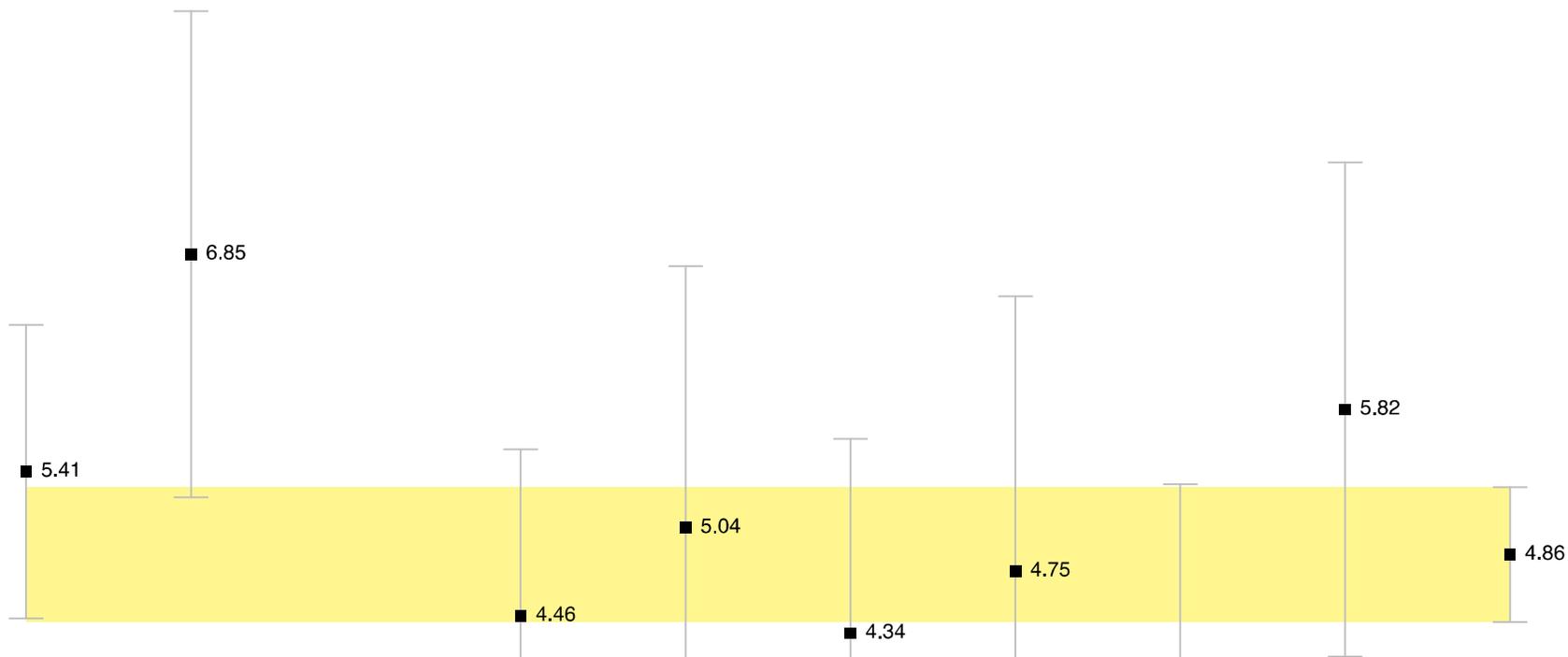
142

56

52

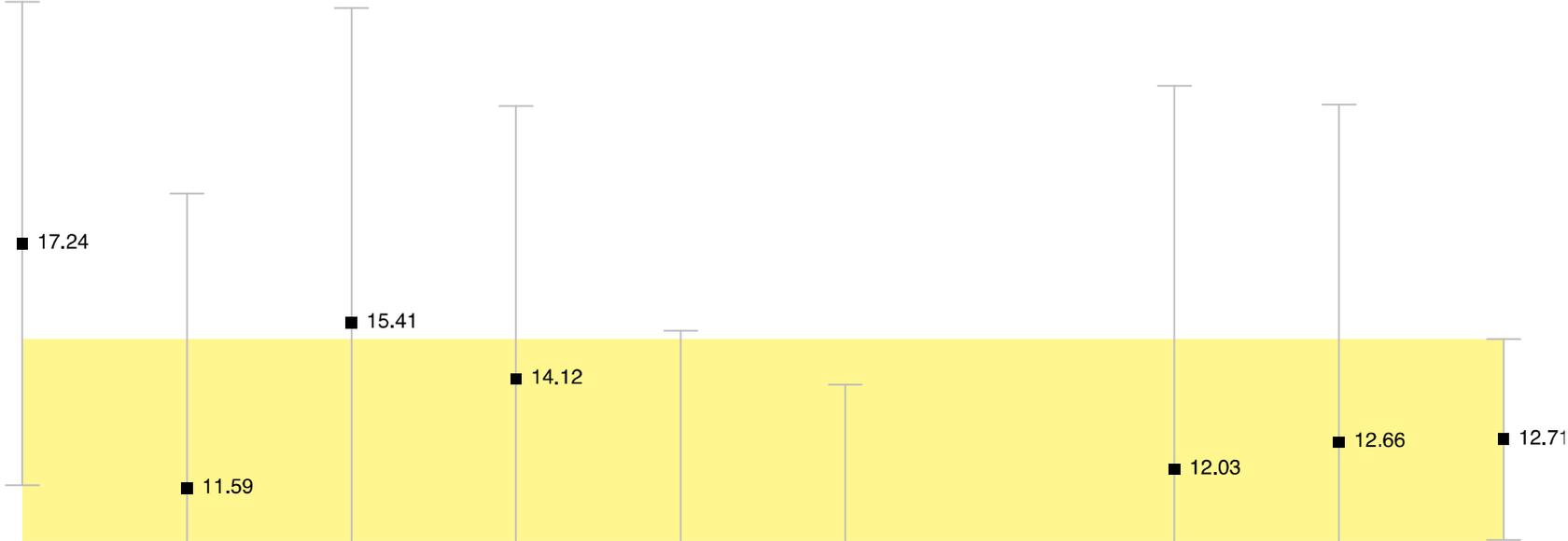
887

2018: Recall Rate, Esami successivi (70–75)



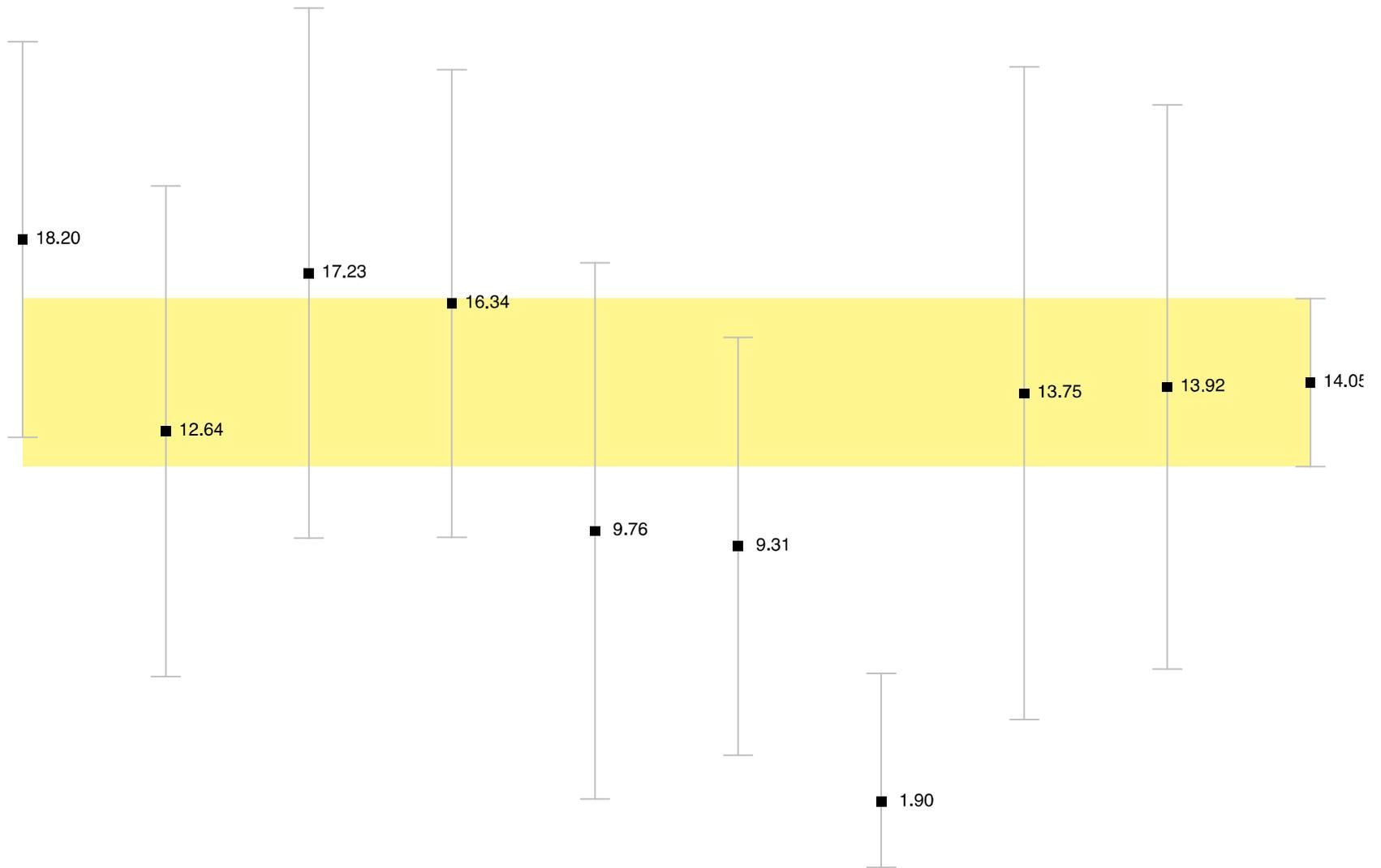
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	113	65	32	60	31	42	25	22	46	436

2018: DR Invasivi, Esami successivi (70-75)



Dip.	1	2	3	4	5	6	7	8	9	Pie
N	36	11	17	19	5	8	1	7	10	114

2018: DR Maligni, Esami successivi (70-75)



Dip.

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Pie

N

38

12

19

22

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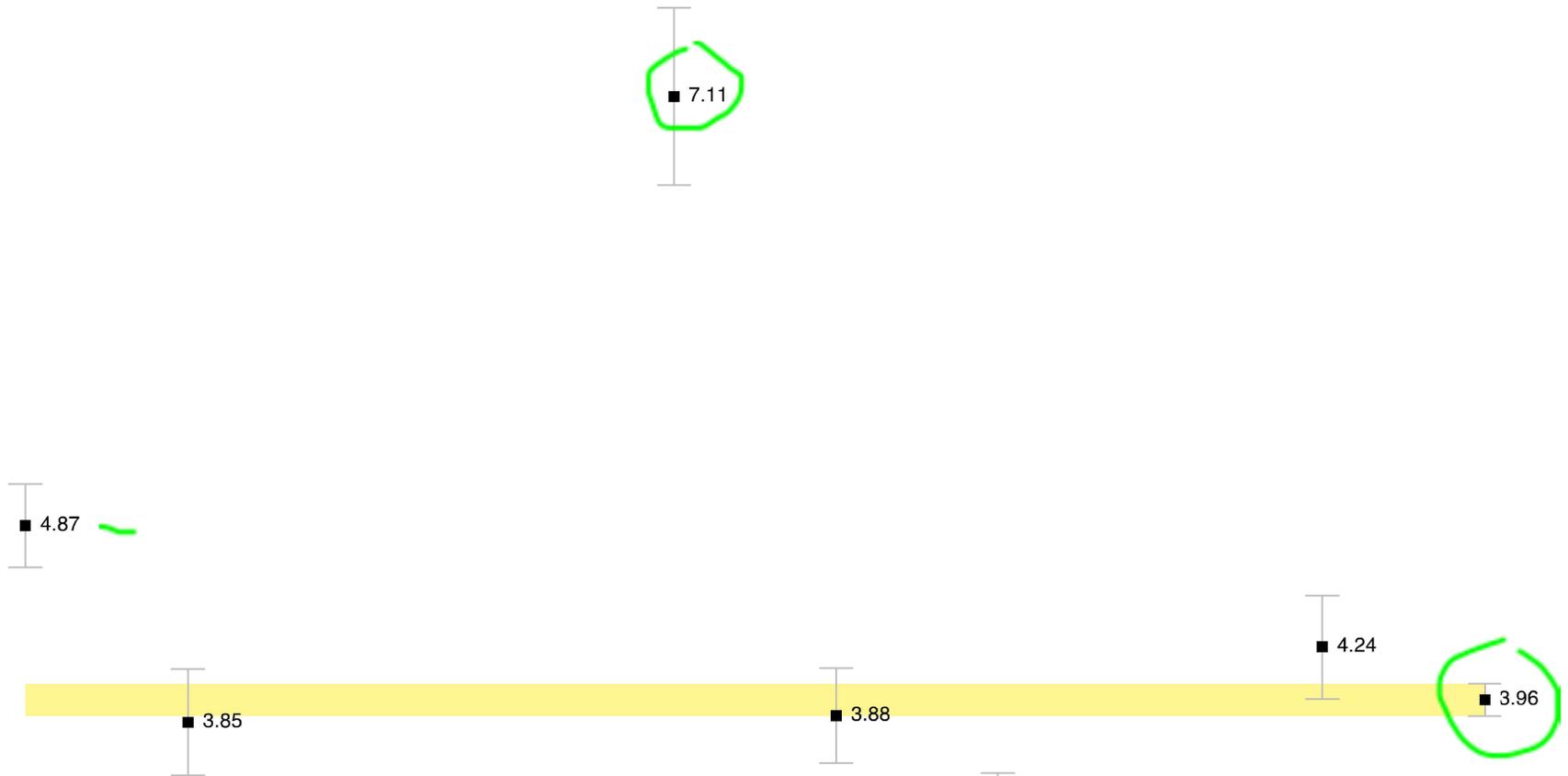
1

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11

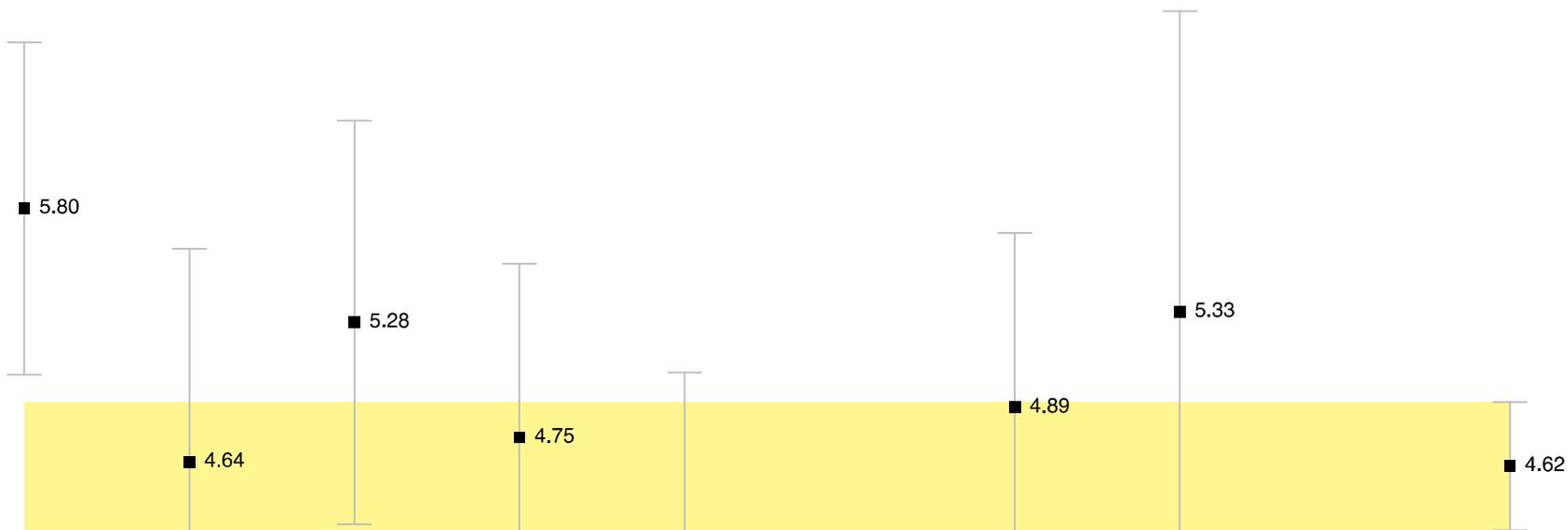
126

2018: Recall Rate, Esami successivi (Tutte le età)



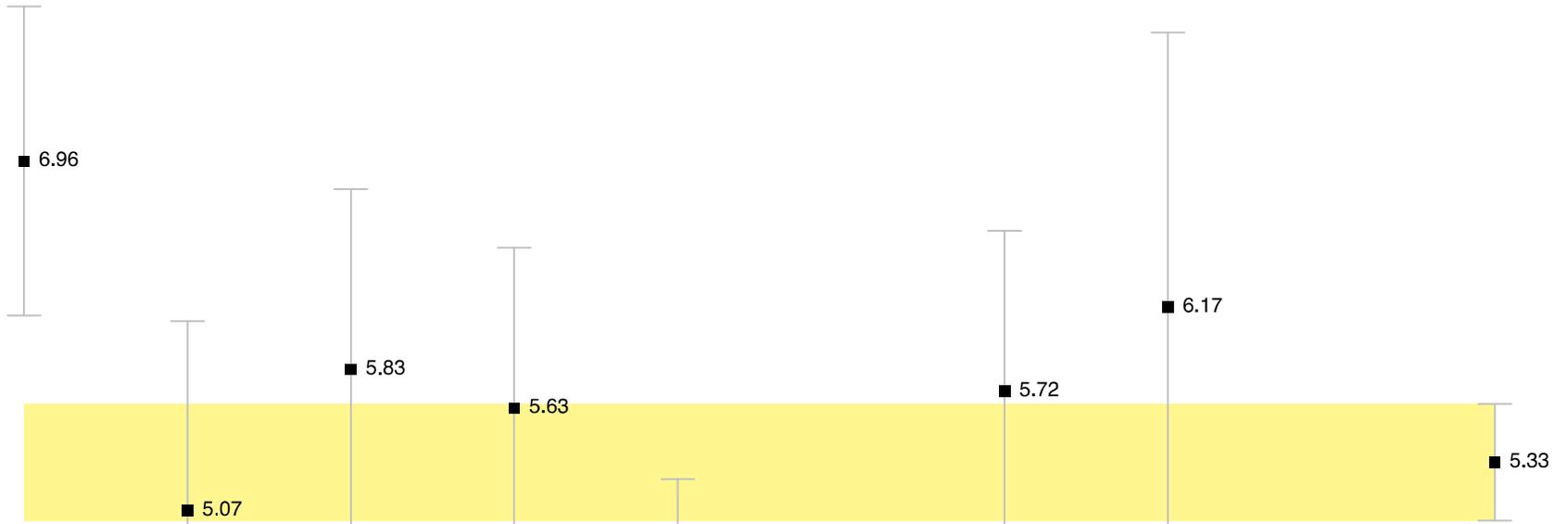
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	1856	713	634	948	850	914	980	339	899	8133

2018: DR Invasivi, Esami successivi (Tutte le età)



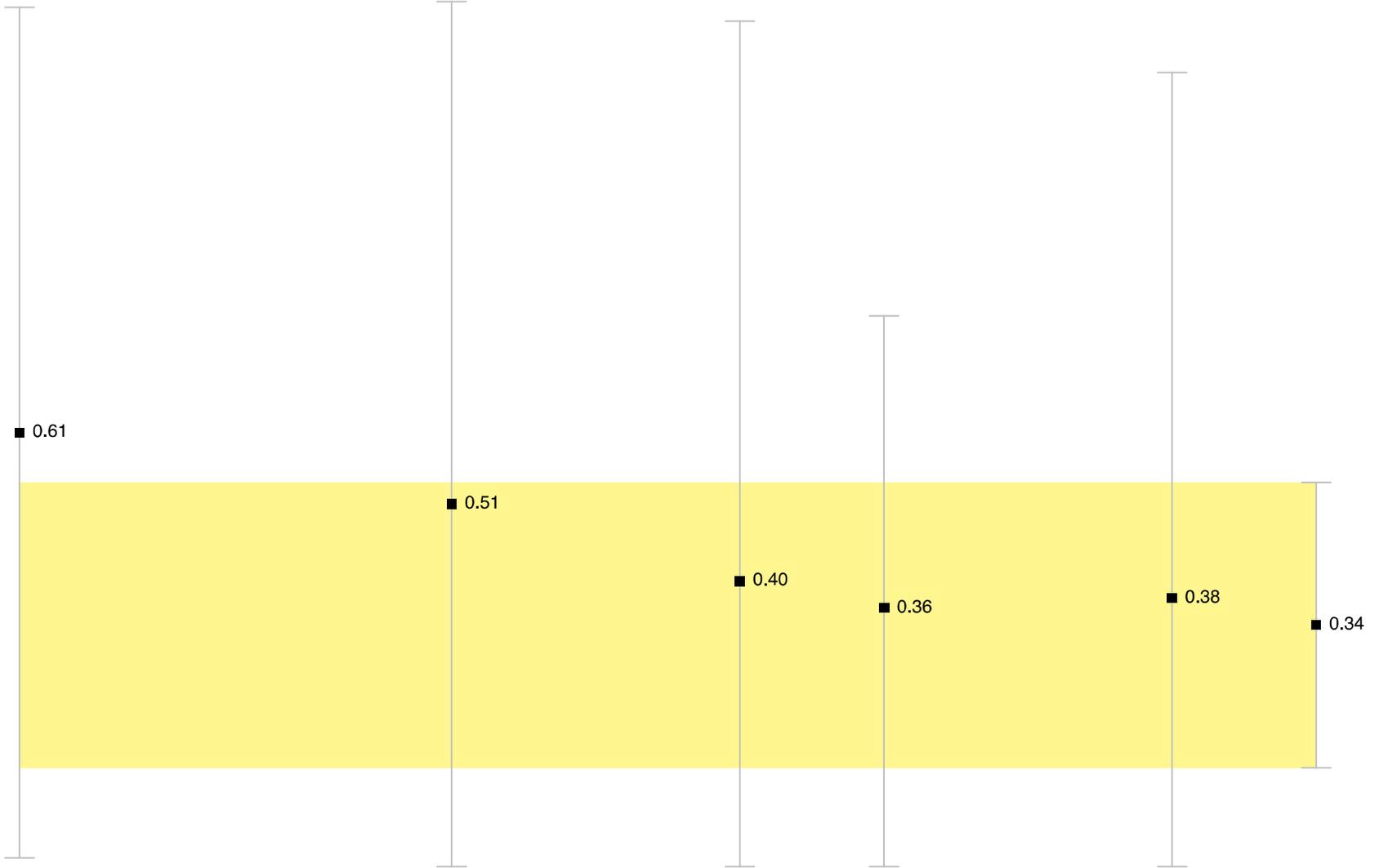
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	221	86	124	136	47	74	142	57	61	948

2018: DR Maligni, Esami successivi (Tutte le età)



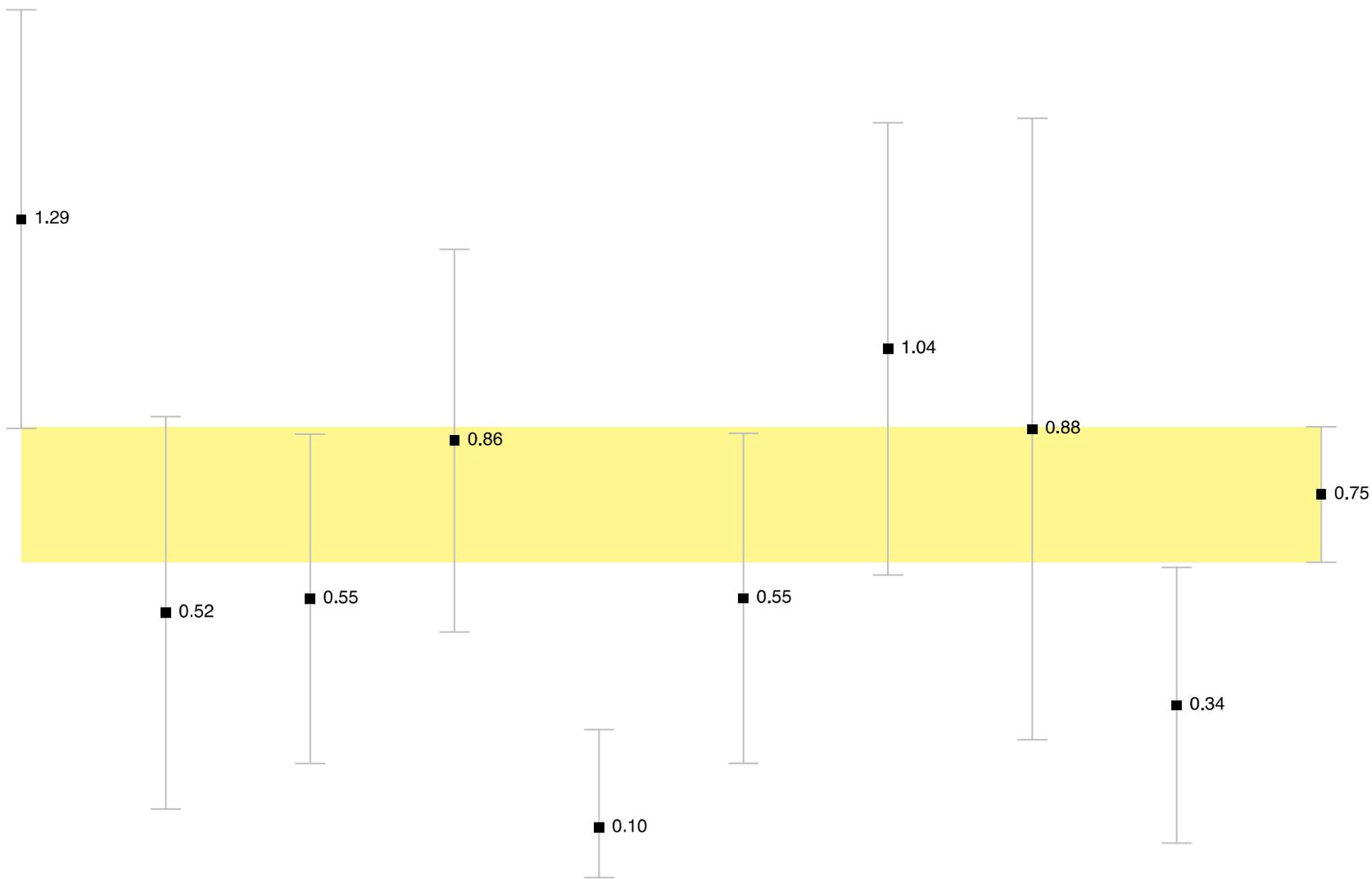
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	265	94	137	161	49	87	166	66	69	1094

2018: DR In situ, Esami successivi (45-49)



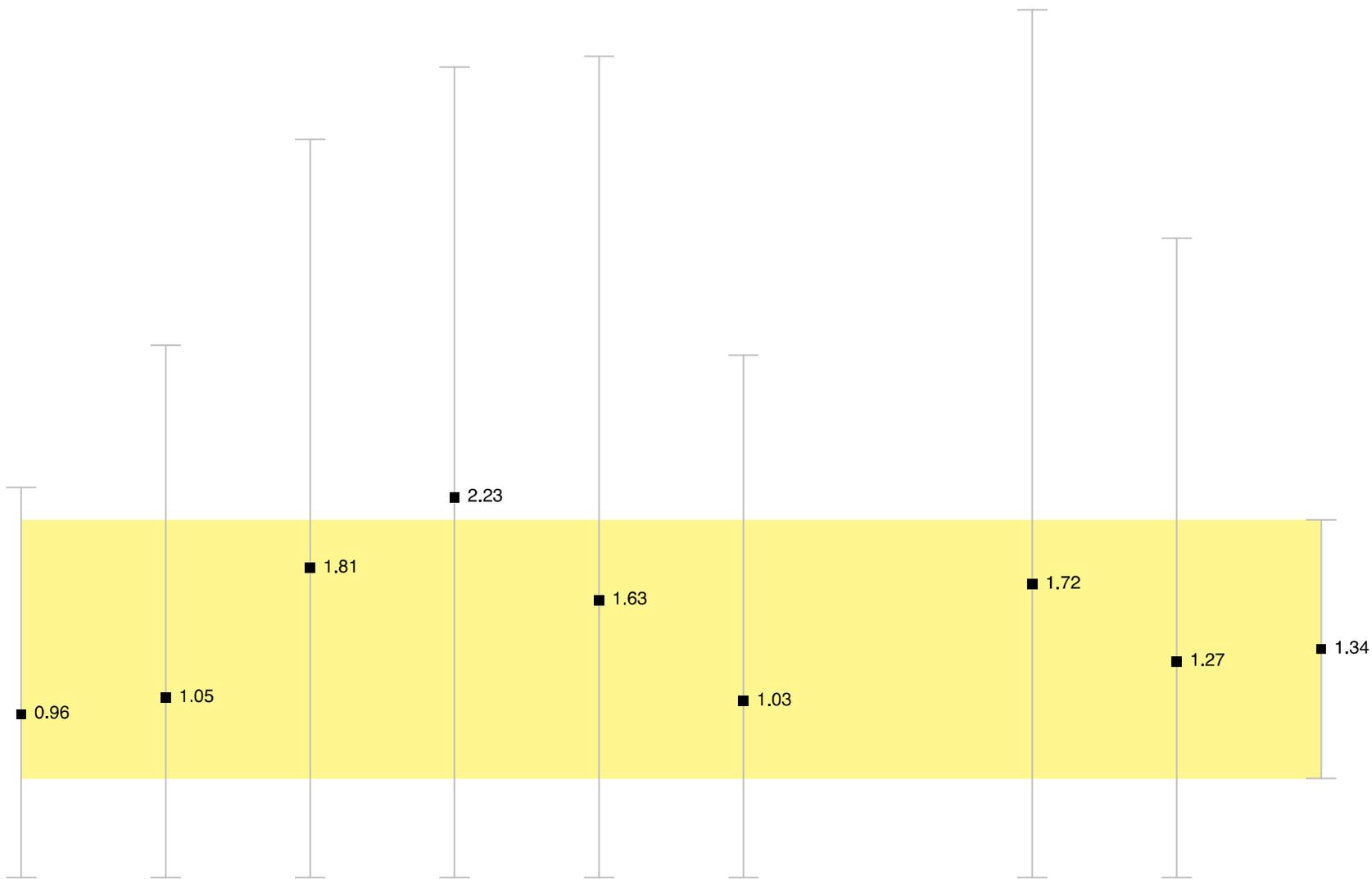
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	4	0	0	2	0	1	3	0	1	11

2018: DR In situ, Esami successivi (50-69)



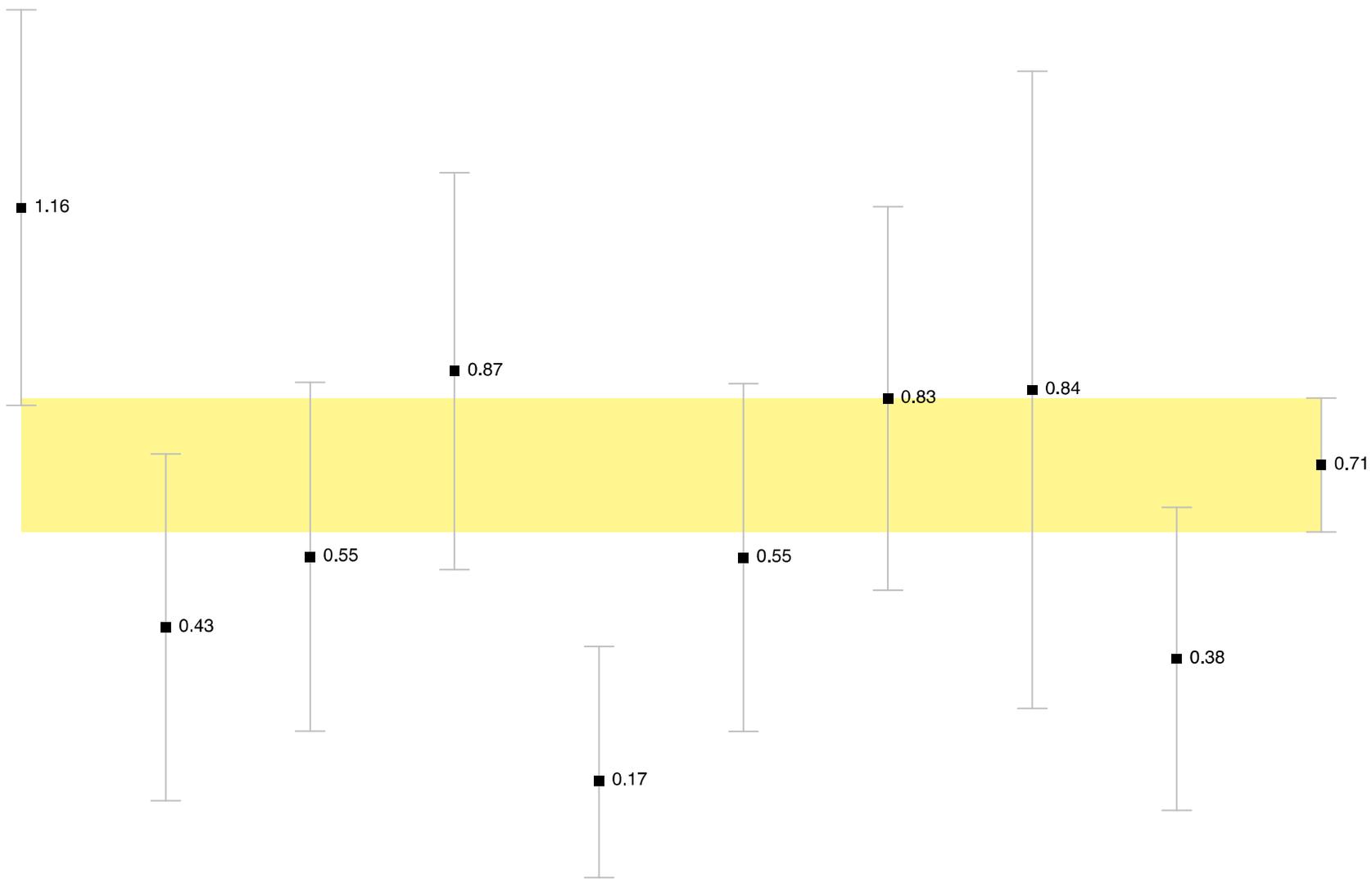
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	38	7	11	20	1	11	21	8	6	123

2018: DR In situ, Esami successivi (70-75)



Dip.	1	2	3	4	5	6	7	8	9	Pie
N	2	1	2	3	1	1	0	1	1	12

2018: DR In situ, Esami successivi (Tutte le età)



Dip.

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Pie

N

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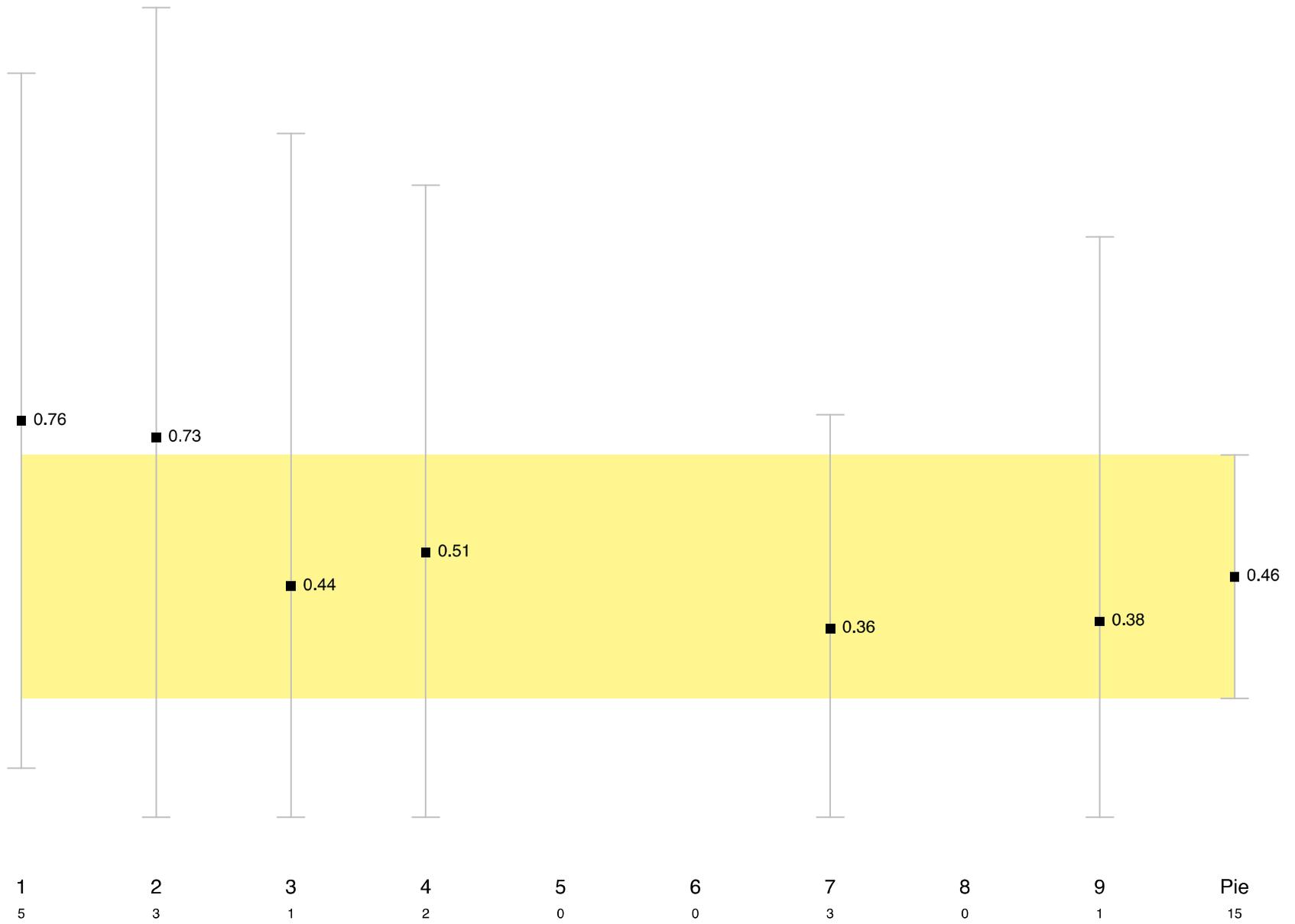
24

9

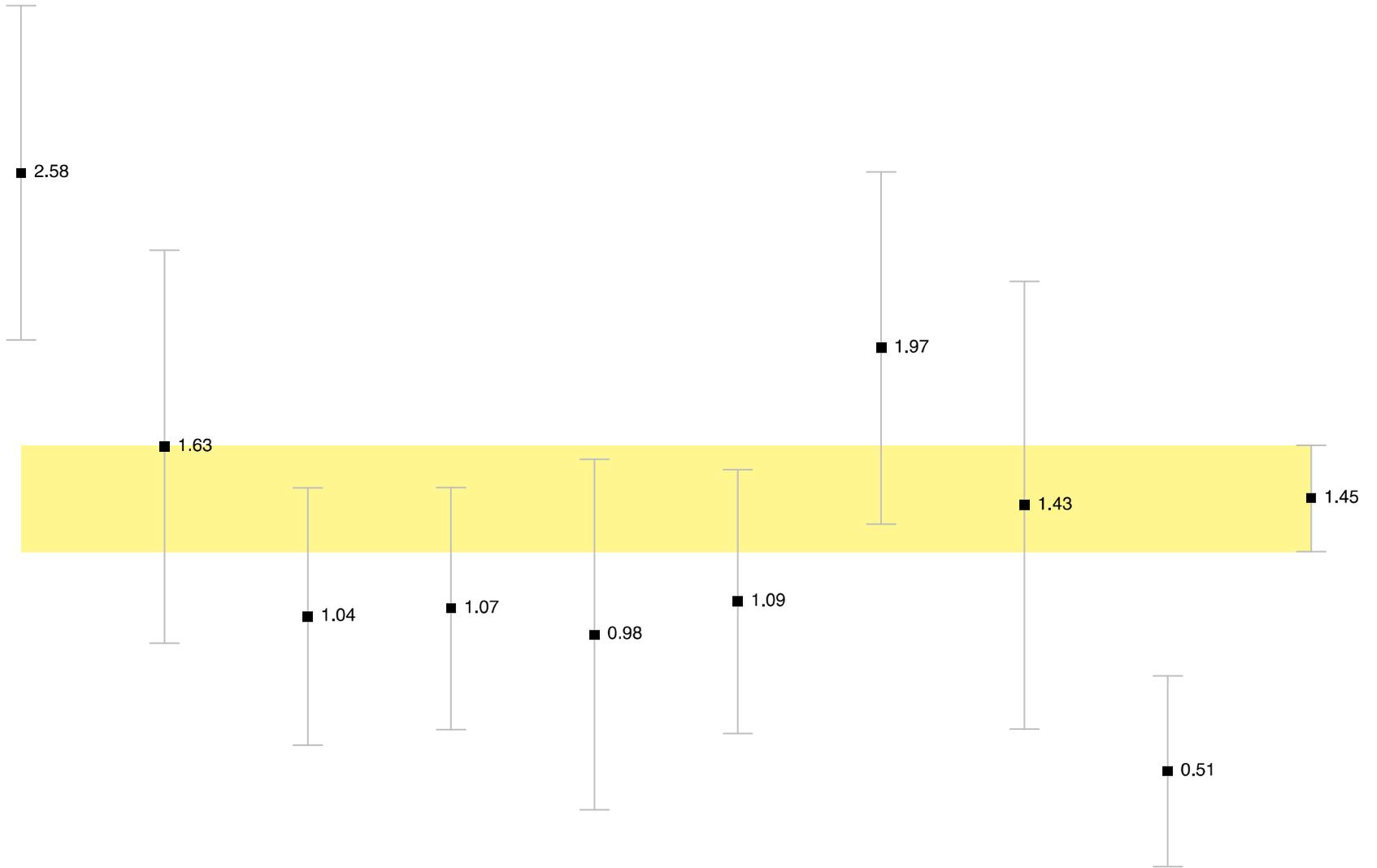
8

146

2018: DR Piccoli, Esami successivi (45–49)

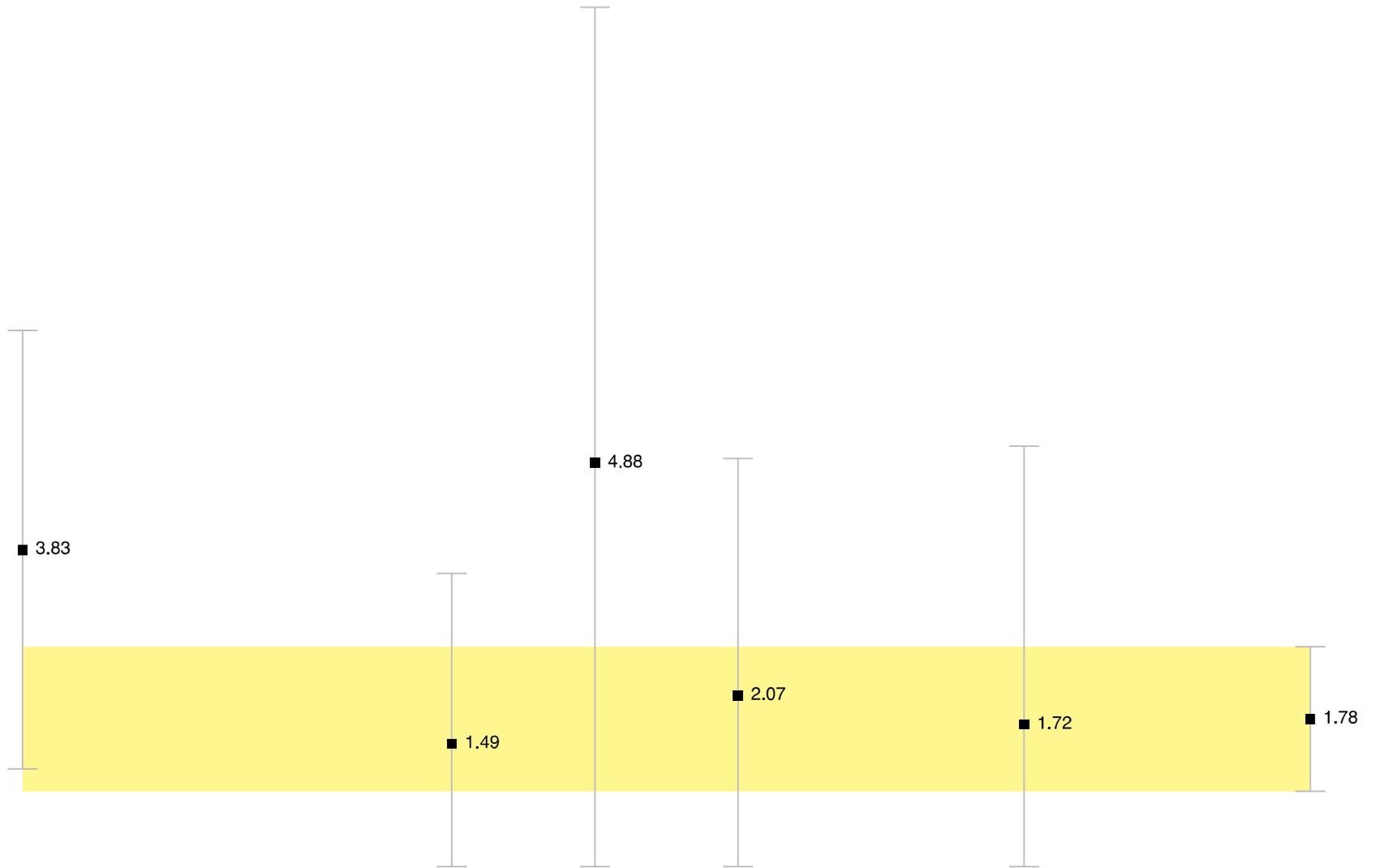


2018: DR Piccoli, Esami successivi (50-69)



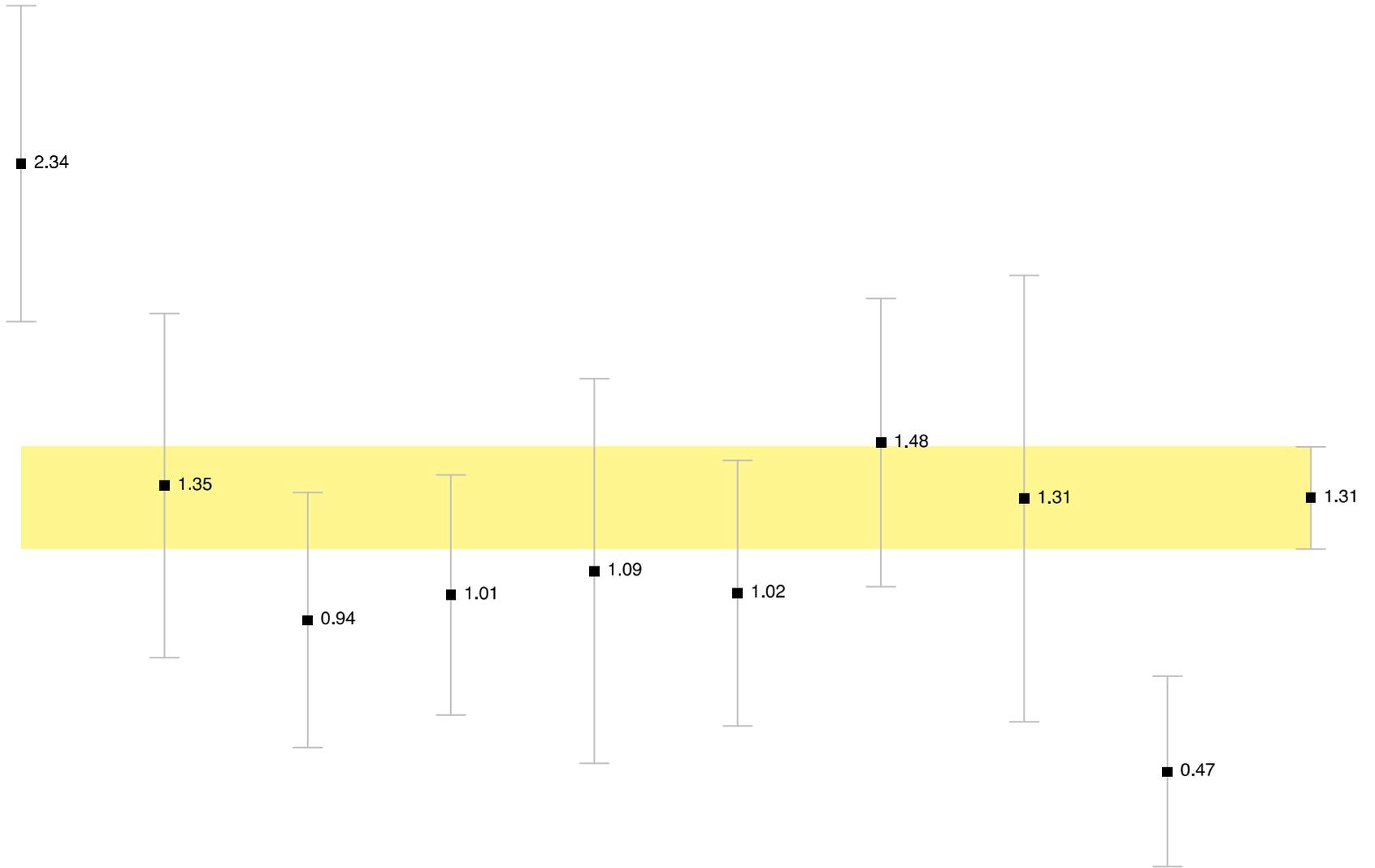
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	76	22	21	25	10	22	40	13	9	238

2018: DR Piccoli, Esami successivi (70-75)



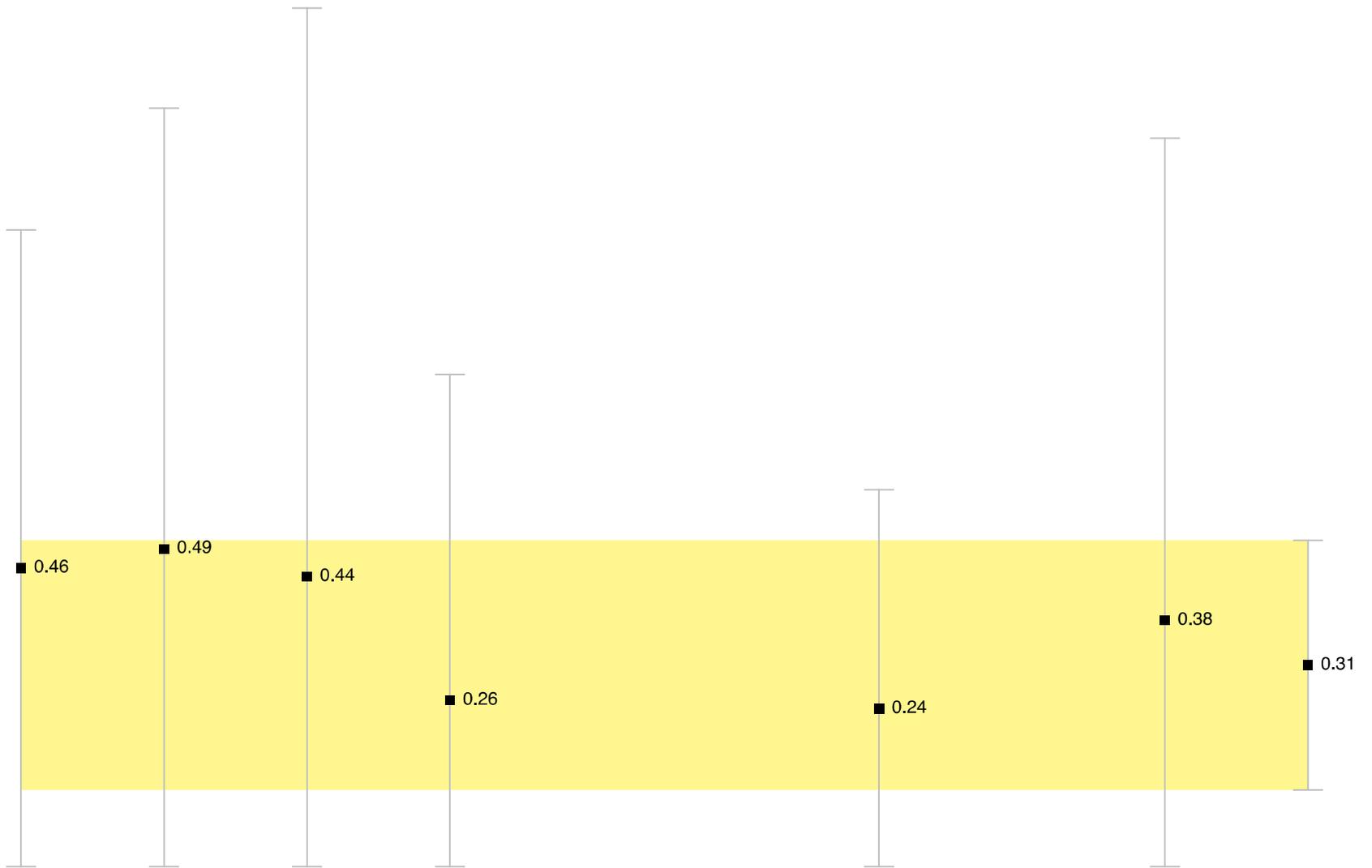
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	8	0	0	2	3	2	0	1	0	16

2018: DR Piccoli, Esami successivi (Tutte le età)



Dip.	1	2	3	4	5	6	7	8	9	Pie
N	89	25	22	29	13	24	43	14	10	269

2018: DR Grandi, Esami successivi (45-49)



Dip.

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Pie

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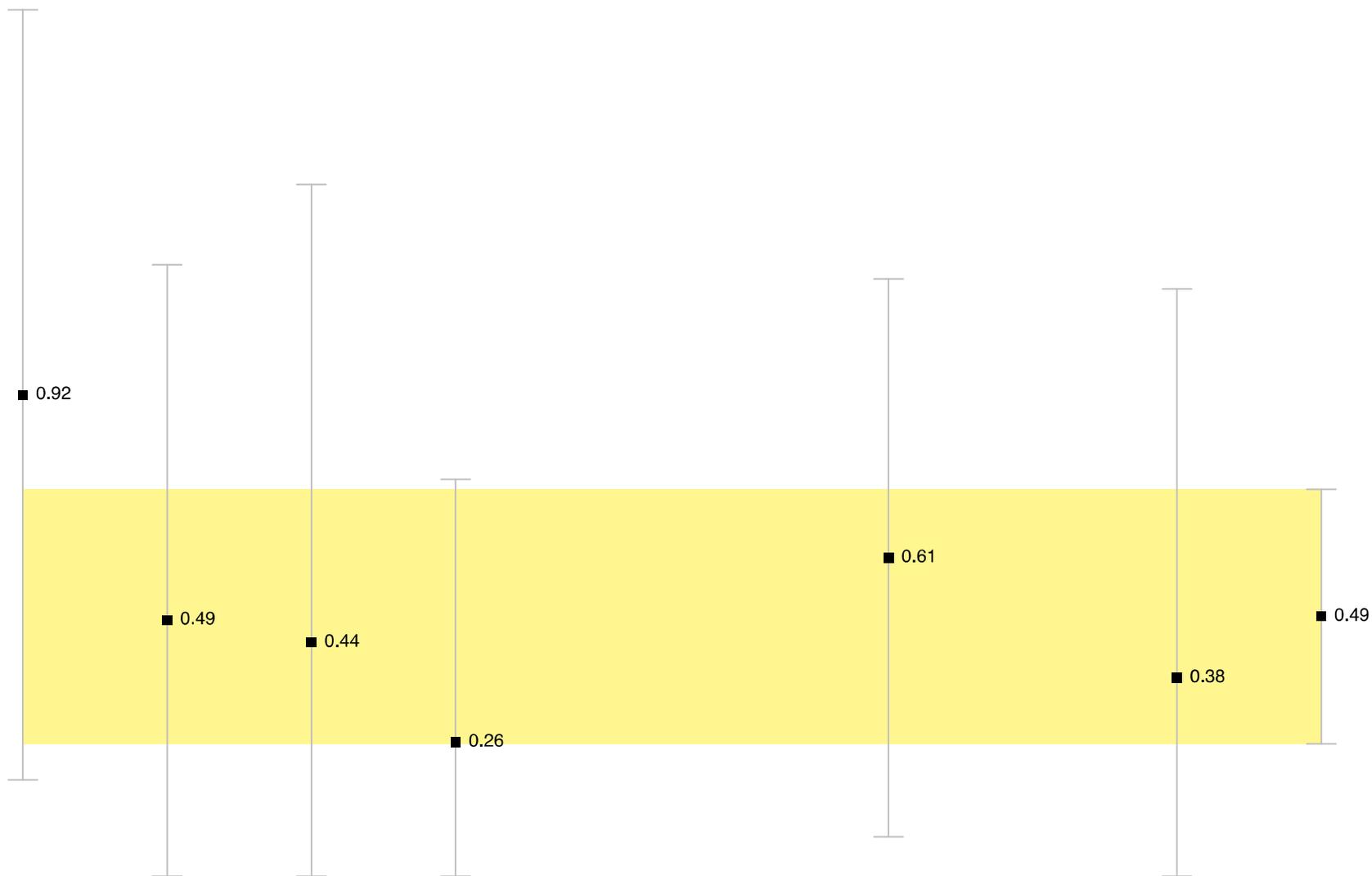
2

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10

2018: DR Stage II+, Esami successivi (45-49)



Dip.

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Pie

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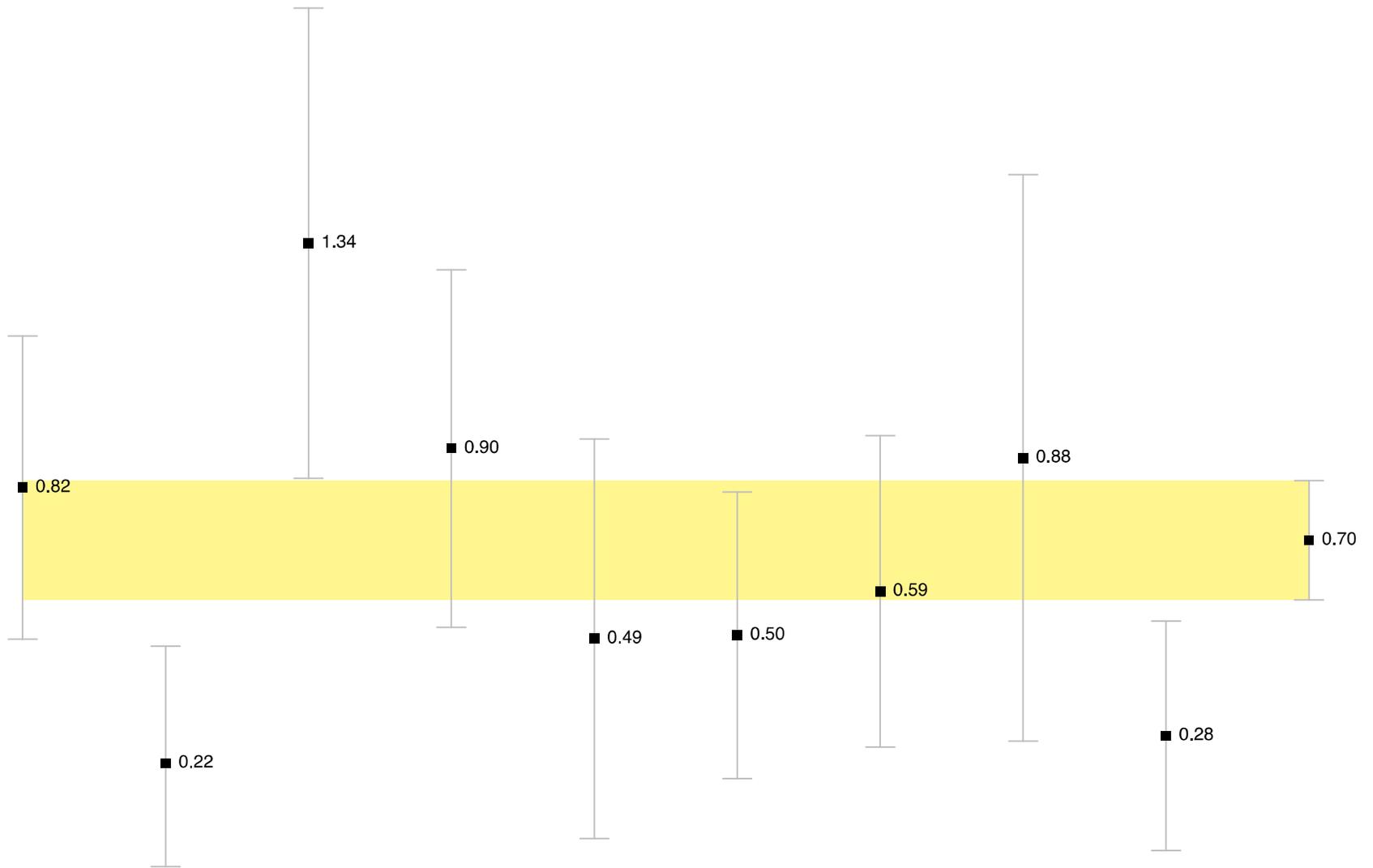
5

0

1

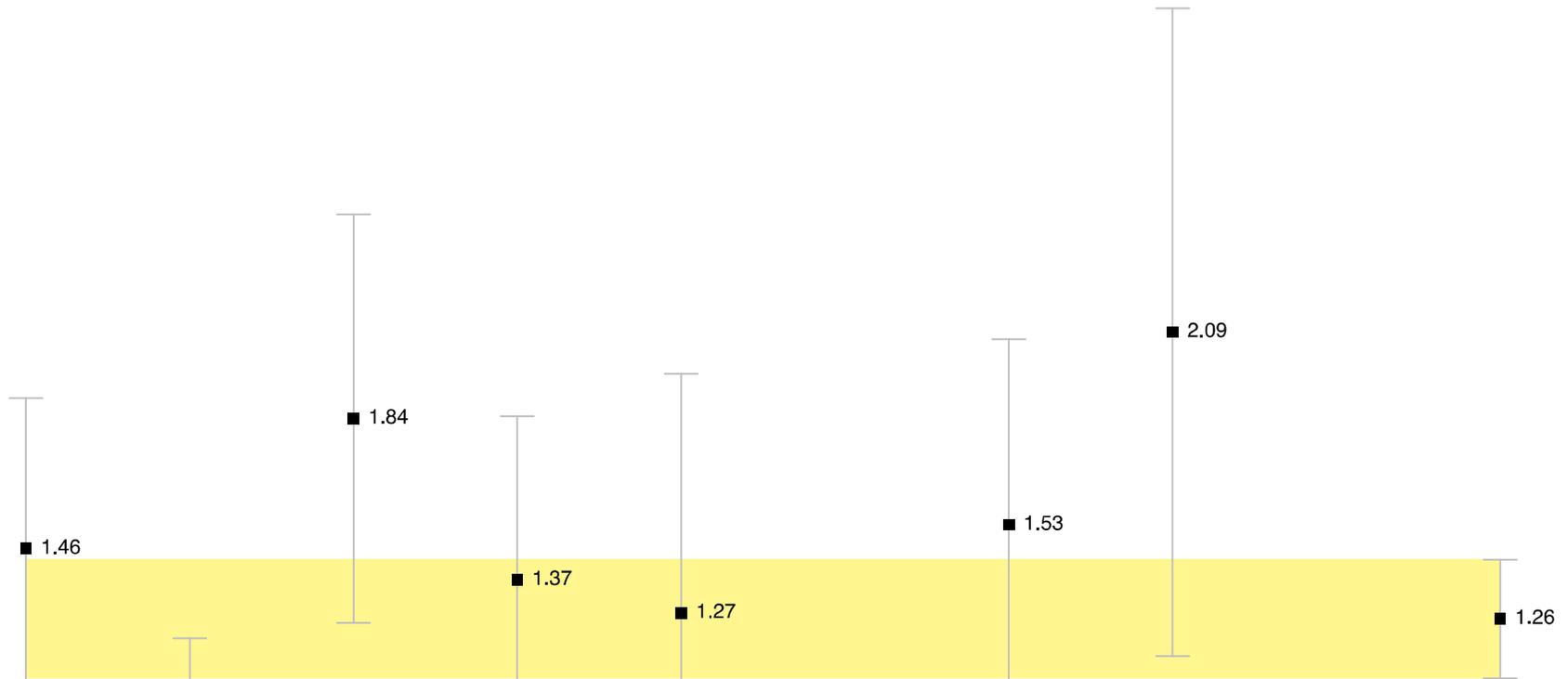
16

2018: DR Grandi, Esami successivi (50-69)



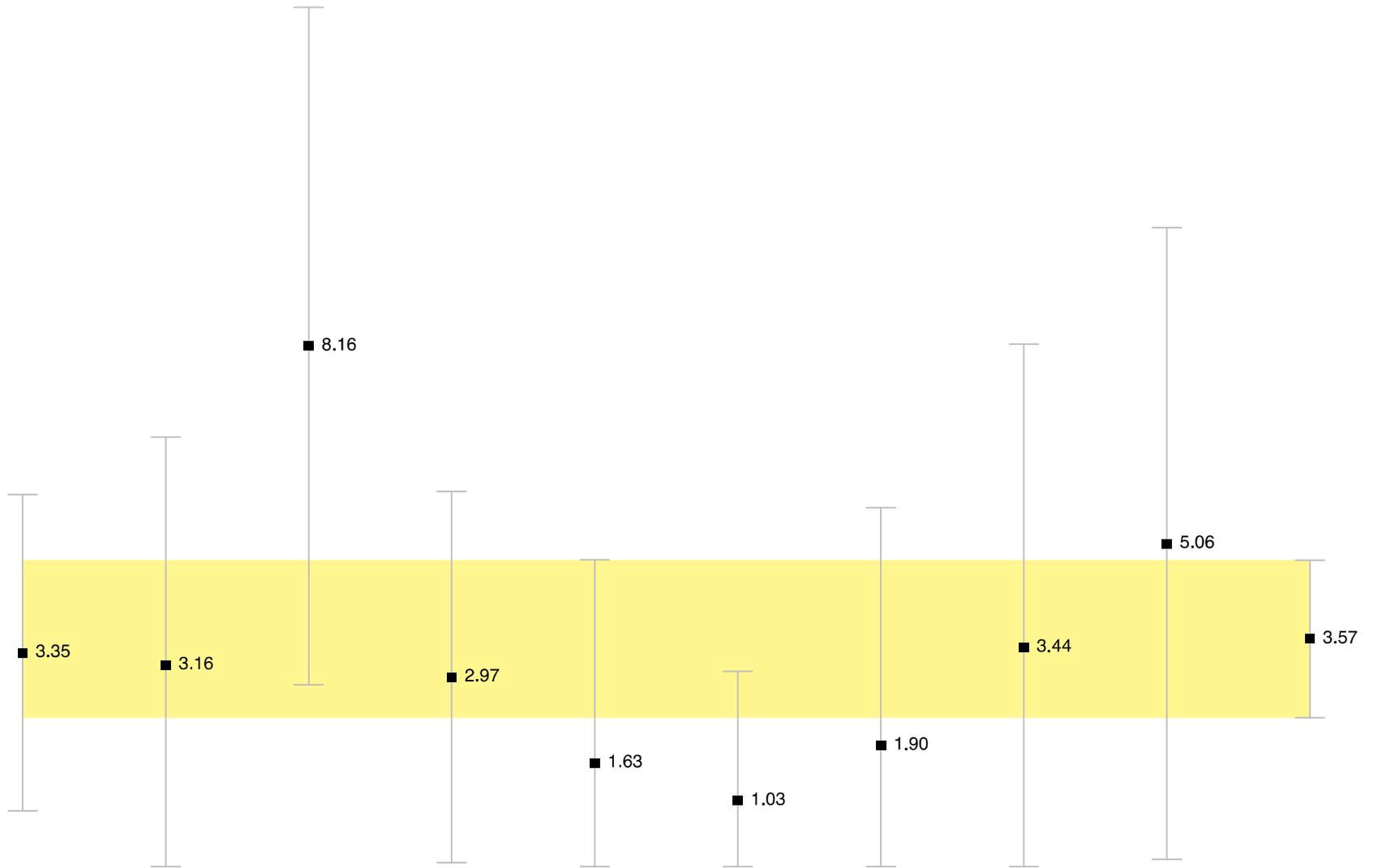
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	24	3	27	21	5	10	12	8	5	115

2018: DR Stage II+, Esami successivi (50–69)



Dip.	1	2	3	4	5	6	7	8	9	Pie
N	43	10	37	32	13	12	31	19	9	206

2018: DR Grandi, Esami successivi (70-75)



Dip.

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Pie

N

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1

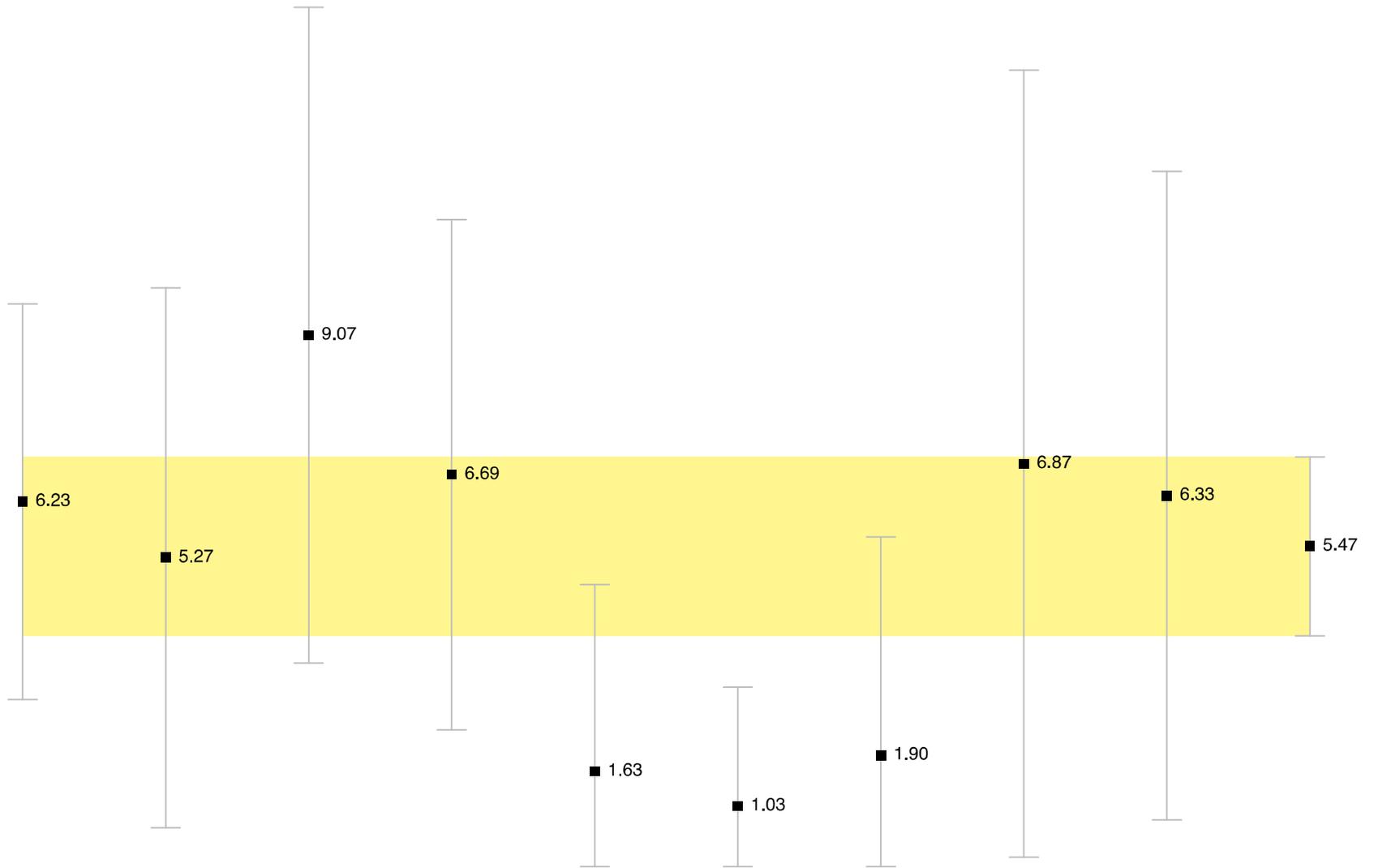
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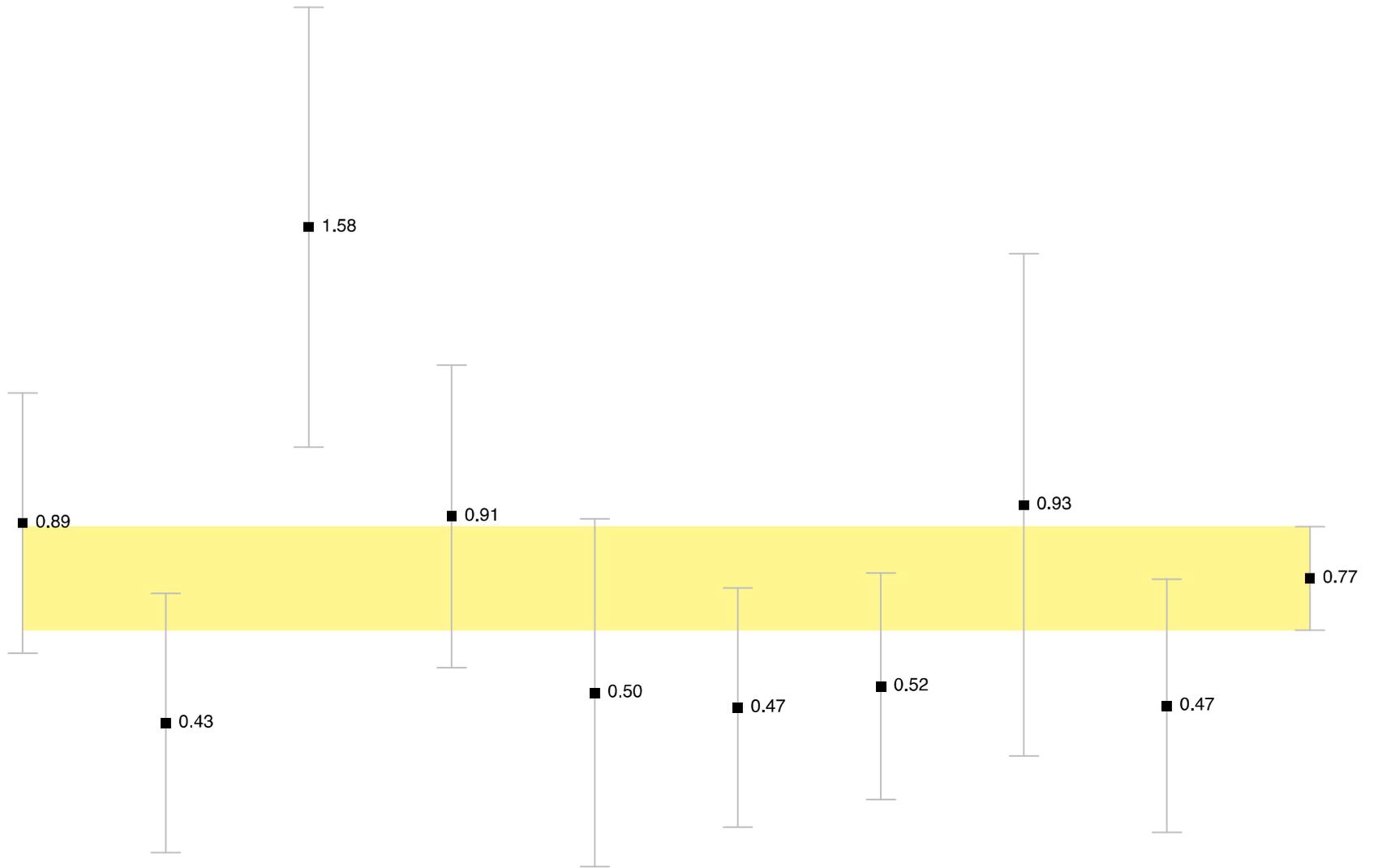
32

2018: DR Stage II+, Esami successivi (70–75)



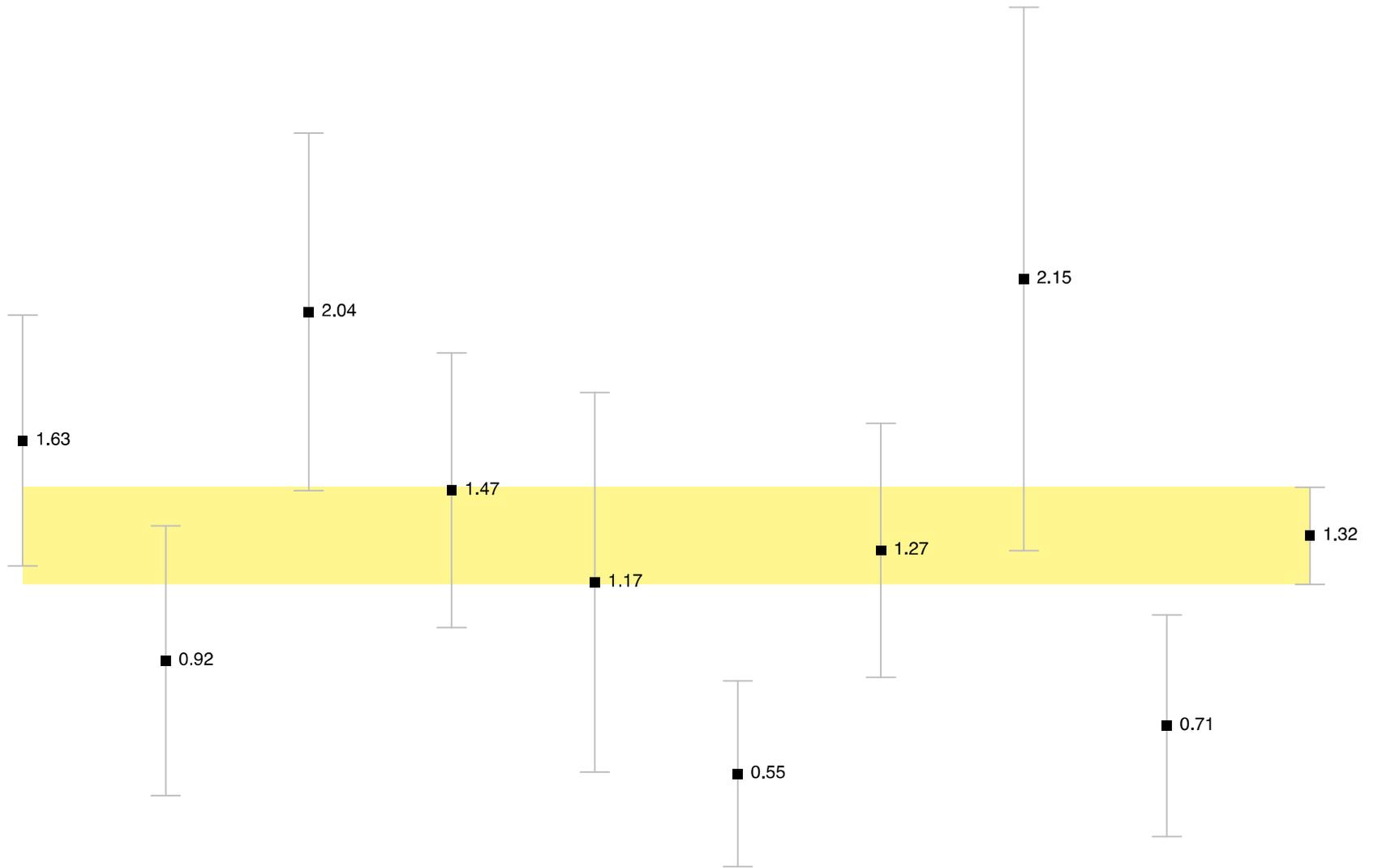
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	13	5	10	9	1	1	1	4	5	49

2018: DR Grandi, Esami successivi (Tutte le età)



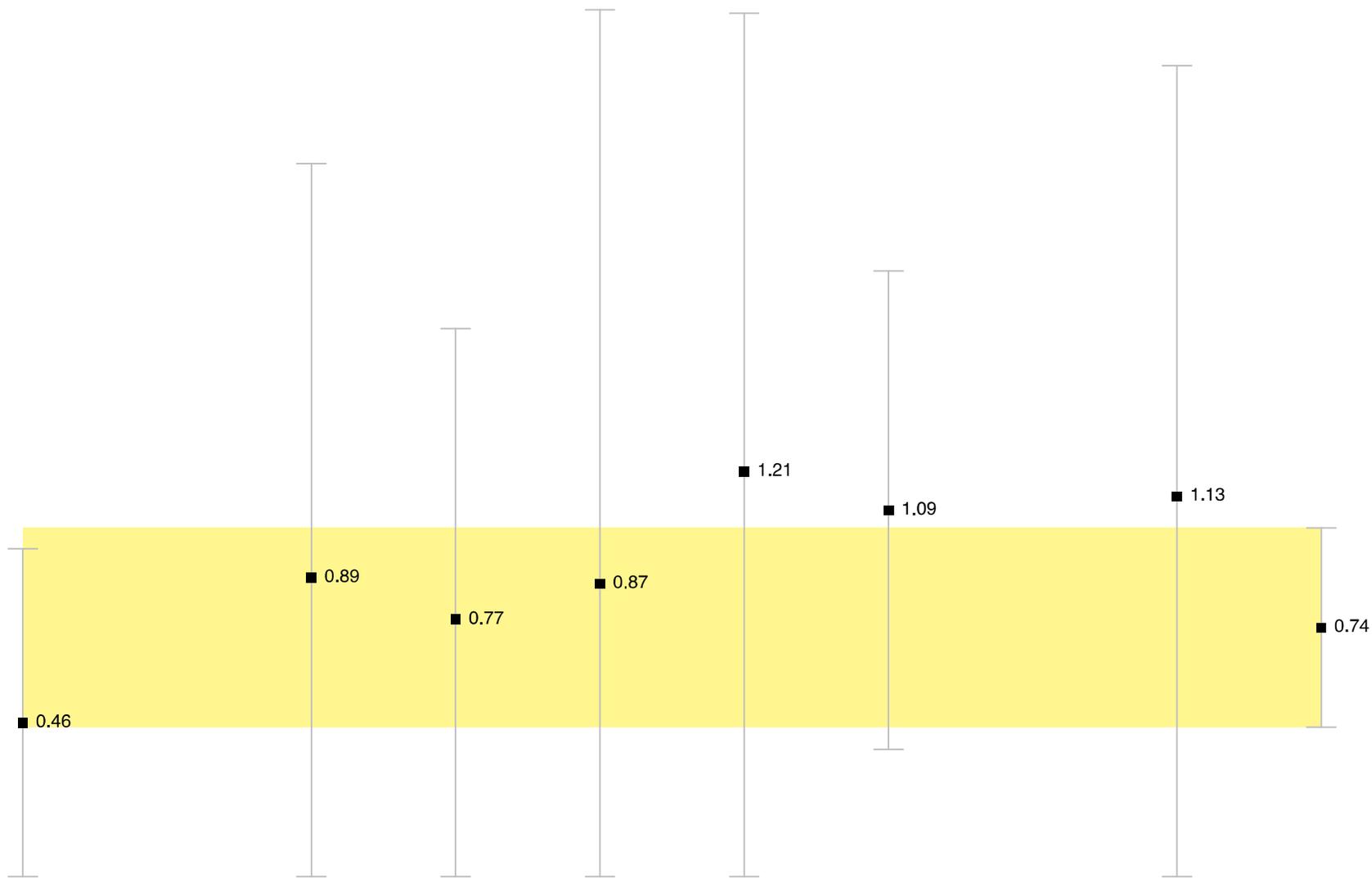
Dip.	1	2	3	4	5	6	7	8	9	Pie
N	34	8	37	26	6	11	15	10	10	157

2018: DR Stage II+, Esami successivi (Tutte le età)



Dip.	1	2	3	4	5	6	7	8	9	Pie
N	62	17	48	42	14	13	37	23	15	271

2018: Tasso benigni, Esami successivi (45-49)



Dip.

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Pie

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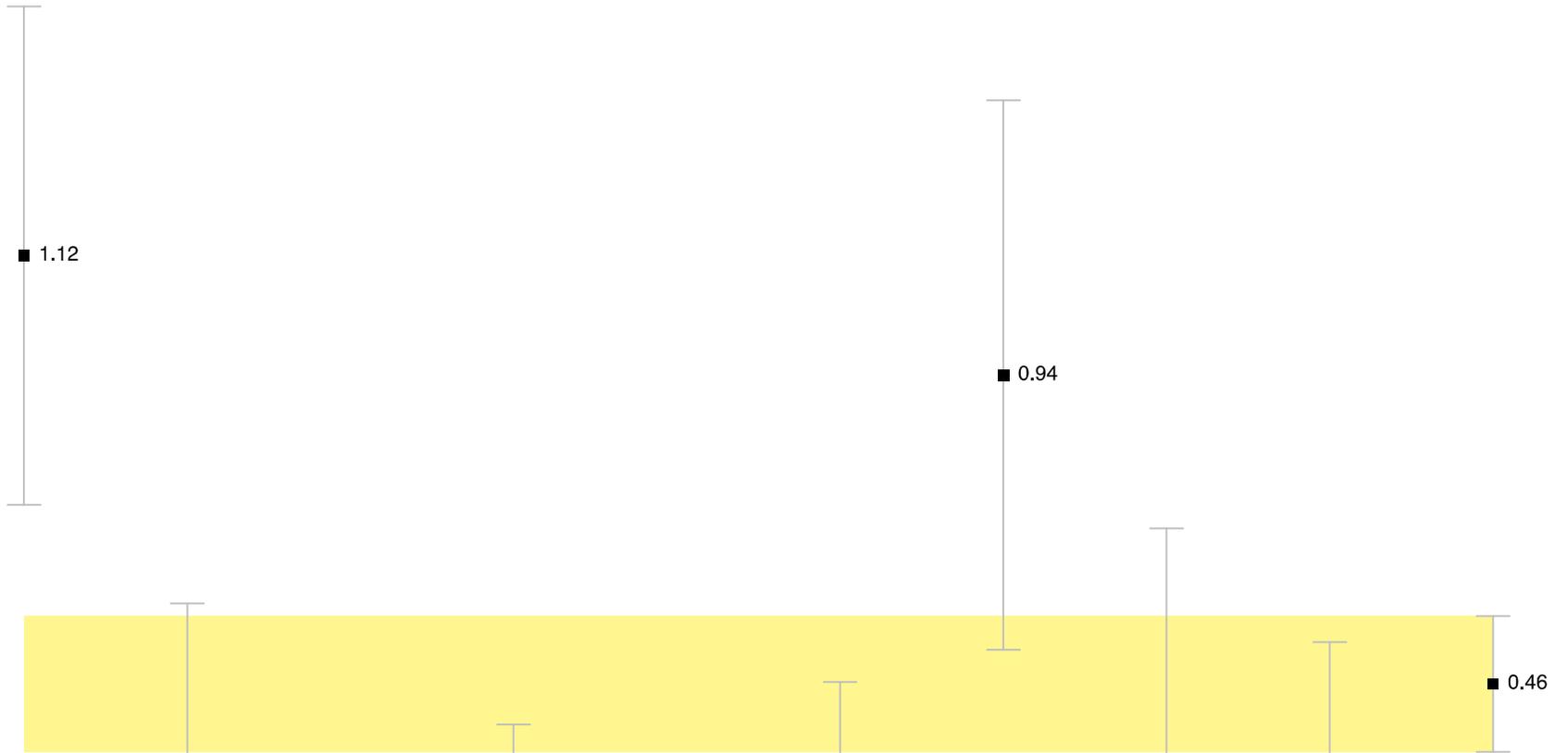
9

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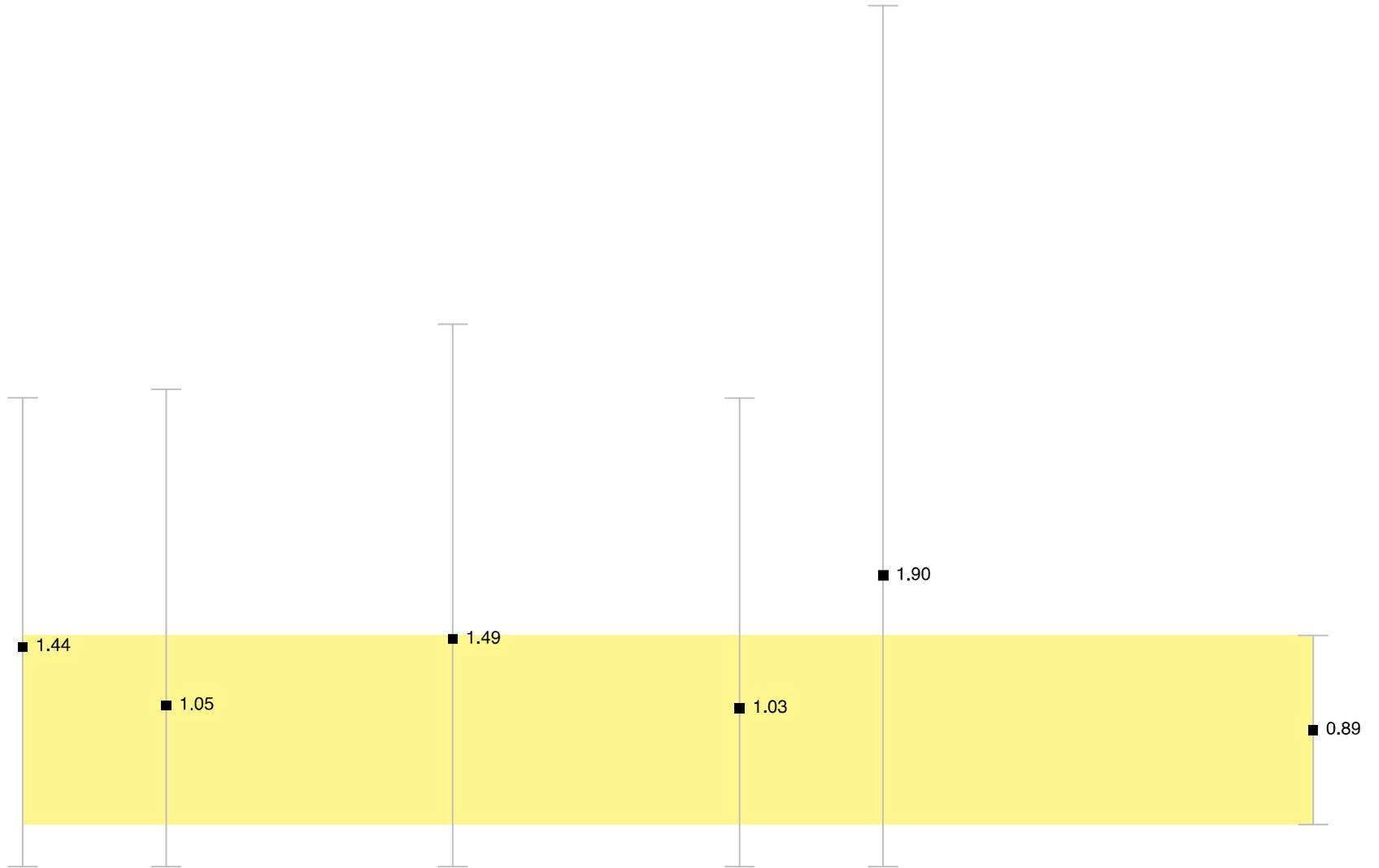
24

2018: Tasso benigni, Esami successivi (50-69)



Dip.	1	2	3	4	5	6	7	8	9	Pie
N	33	4	2	5	0	5	19	3	5	76

2018: Tasso benigni, Esami successivi (70-75)



Dip.

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Pie

N

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1

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2

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1

1

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0

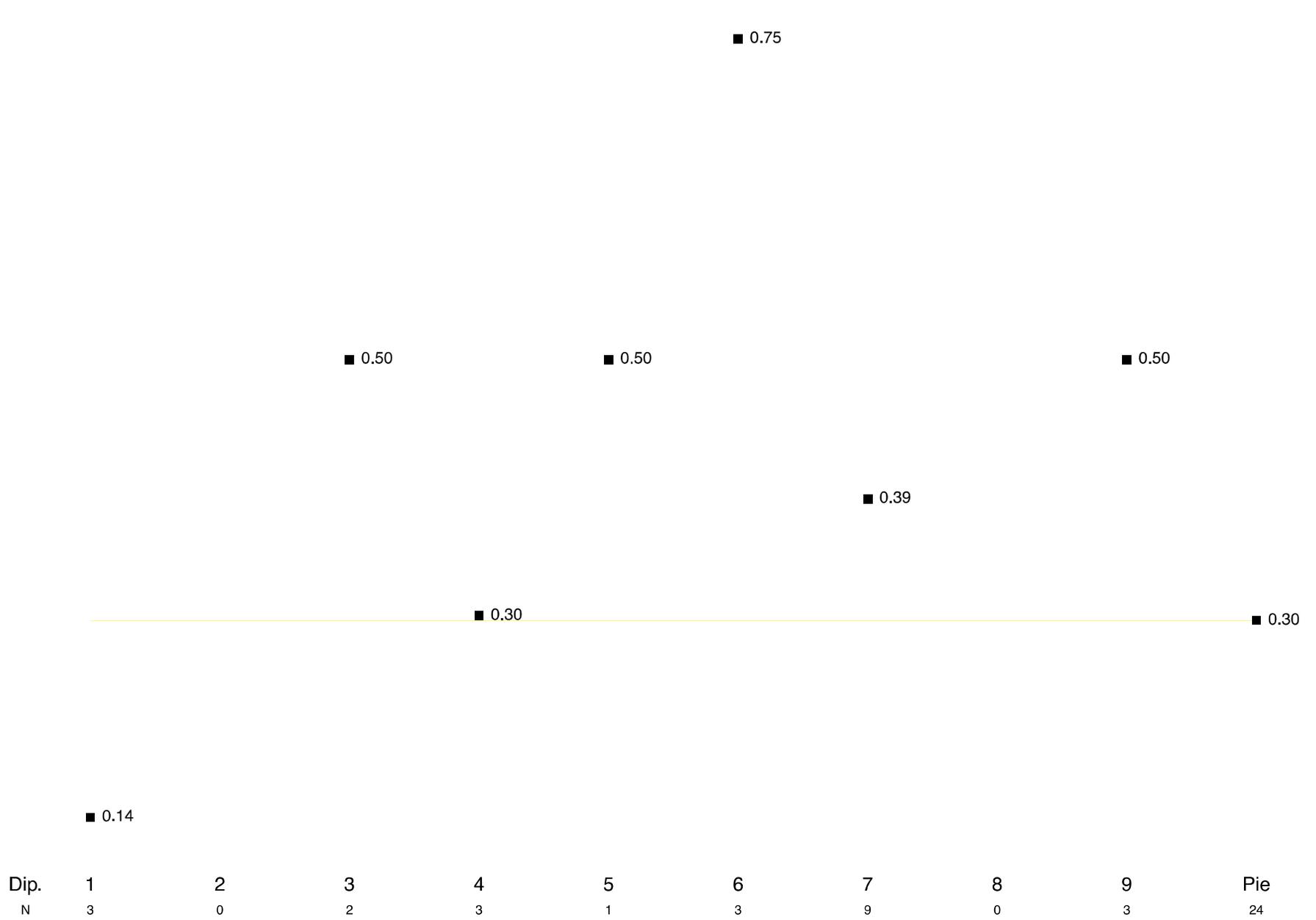
8

2018: Tasso benigni, Esami successivi (Tutte le età)



Dip.	1	2	3	4	5	6	7	8	9	Pie
N	39	5	4	10	1	9	29	3	8	108

2018: B/M Ratio, Esami successivi (45–49)

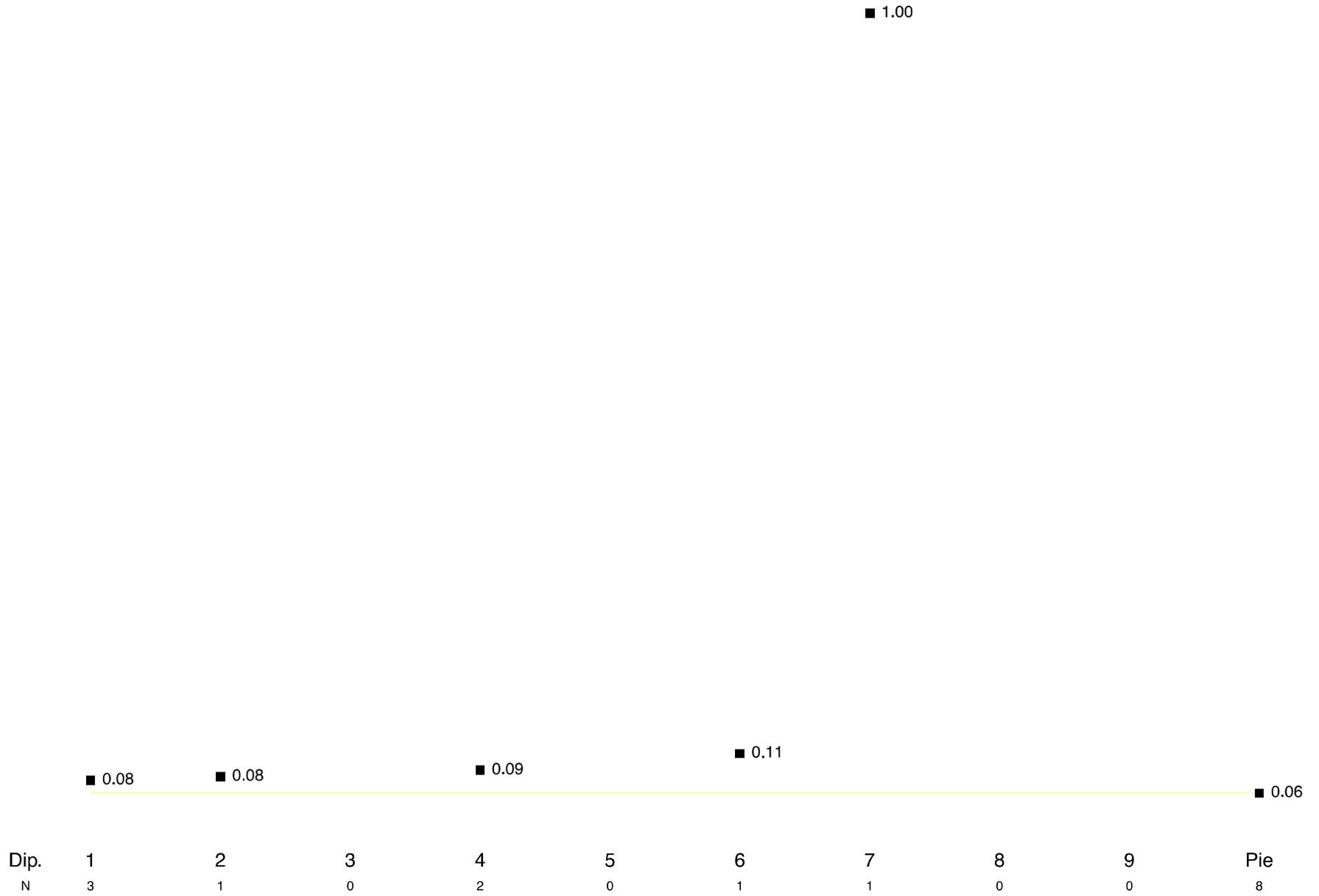


2018: B/M Ratio, Esami successivi (50-69)



Dip.	1	2	3	4	5	6	7	8	9	Pie
N	33	4	2	5	0	5	19	3	5	76

2018: B/M Ratio, Esami successivi (70-75)



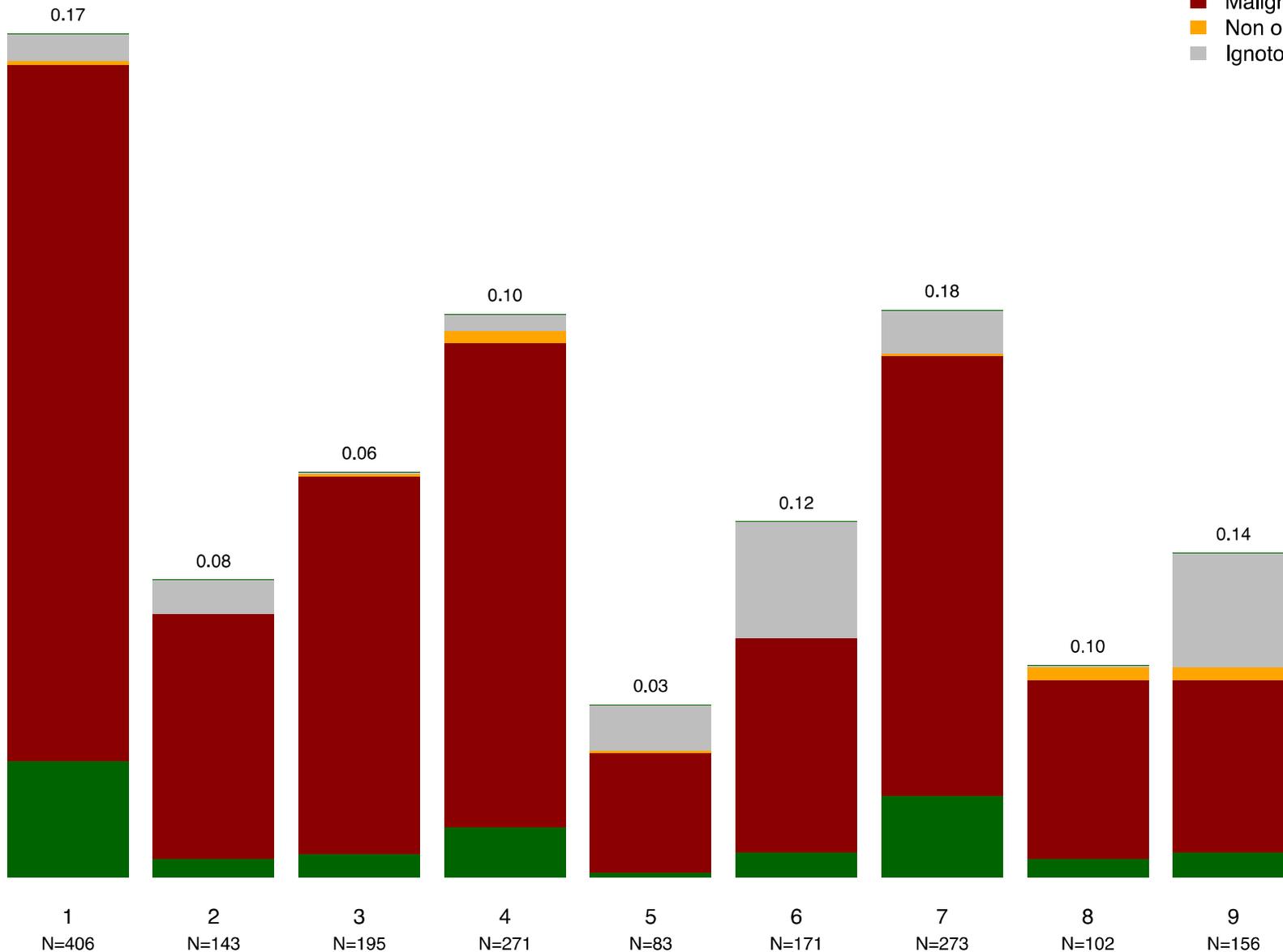
2018: B/M Ratio, Esami successivi (Tutte le età)



Dip.	1	2	3	4	5	6	7	8	9	Pie
N	39	5	4	10	1	9	29	3	8	108

2018: N. lesioni screen detected e rapporto B/M

- Benigni
- Maligni
- Non operati
- Ignoto





Conclusioni/ (1)

- **complessivamente risultati regionali molto incoraggianti**
- **buon lavoro di tutti i diversi operatori**
- **buon riscontro per i programmi di organizzazione e formazione condotti negli anni**
- **opportunità di valutazione, studio e pubblicazione**

Conclusioni/ (2)

- **affinamento strumenti di analisi fino a livello individuale**
- **feed-back tempestivi** ai dipartimenti e ai singoli operatori
- **possibilità di evidenziare prontamente** situazioni di difficoltà
... .. possibili criticità

- **ma anche:**

necessità di risposta al CRR

- **da parte dei dipartimenti**
- **e degli operatori**

Conclusioni (3)

•da analisi preliminari:

relazione evidente tra

indicatori individuali e

iter formativo *

(*frequenza corsi residenziali CRR)

Conclusioni (4)

- conduzione di analisi fini sui rapporti indicatori / formazione / supporto logistico e tecnico
 - offerta di valutazione rapida degli operatori con "test-set" CRR
 - (*) rilancio offerta formativa ... fino al livello prescrittivo ...
... dove / se necessario
 - (*) ri-attivazione / completamento revisione radiologica dei CI e dei ca. screen-detected in stadio avanzato
 - organizzazione site-visit?
- (*) - necessità di maggior supporto / risorse da parte della Regione

