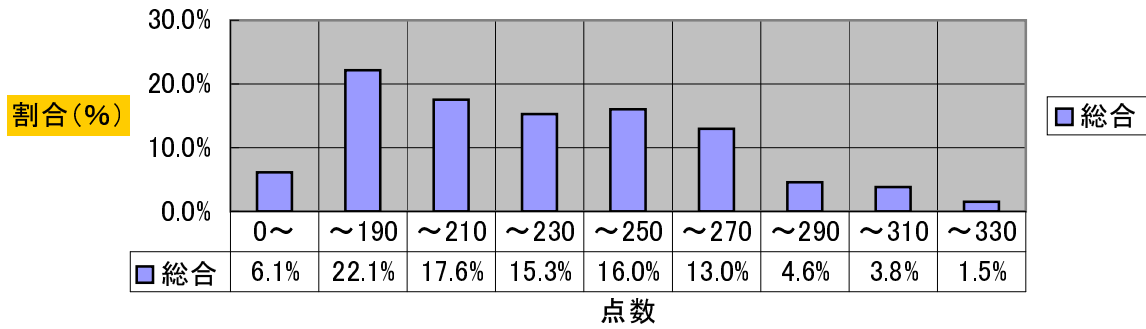


平成 20 年度

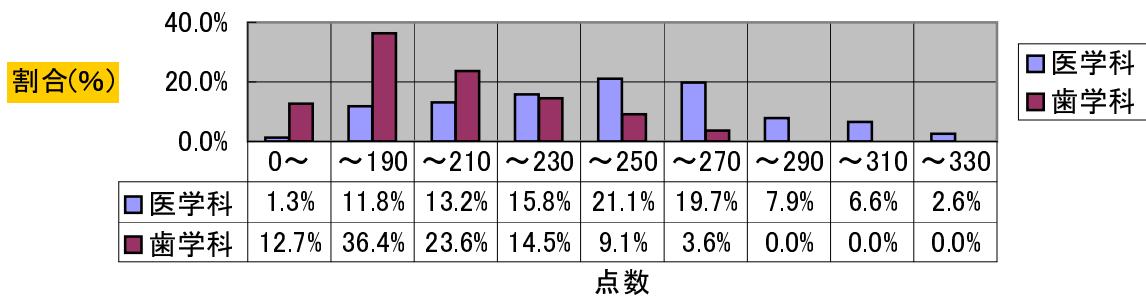
学力認定試験分析結果

平成 20 年 9 月に 2 年生を対象として行った学力認定試験の結果を、自然系 4 科目（数学、物理学、化学、生物学）の総合得点および各科目の総合得点の分布、ついでそれぞれの問題の識別力を調べるために各問題の回答率を 4 群に分けて分析した結果である。

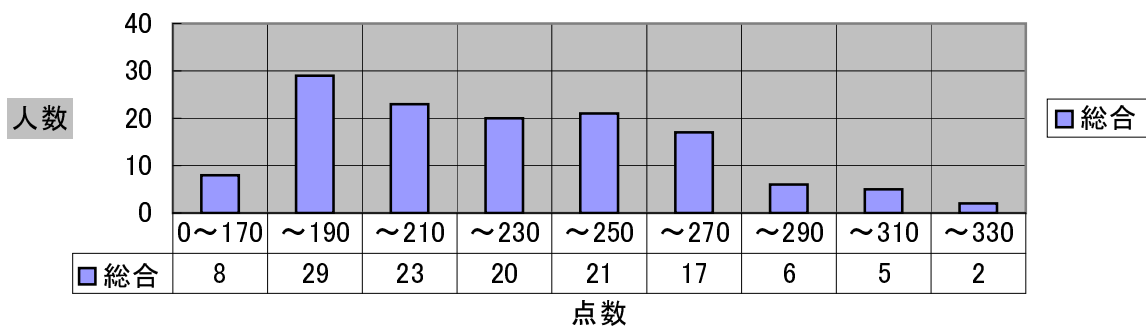
H20学力認定試験自然系4科目(総合)



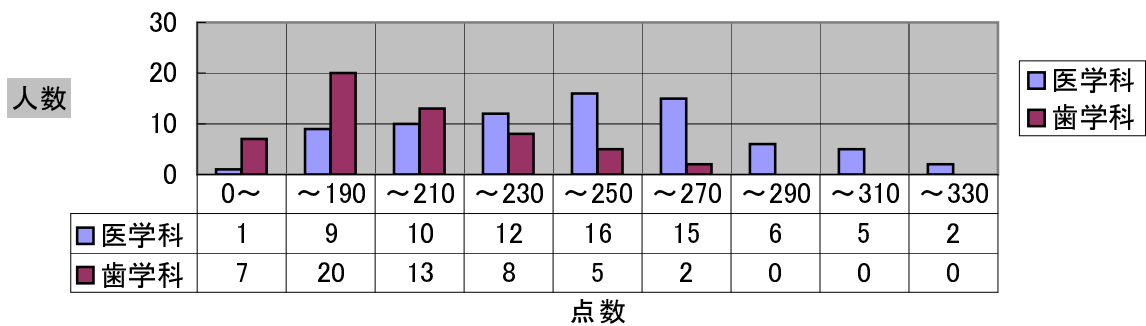
H20学力認定試験自然系4科目(学科別)



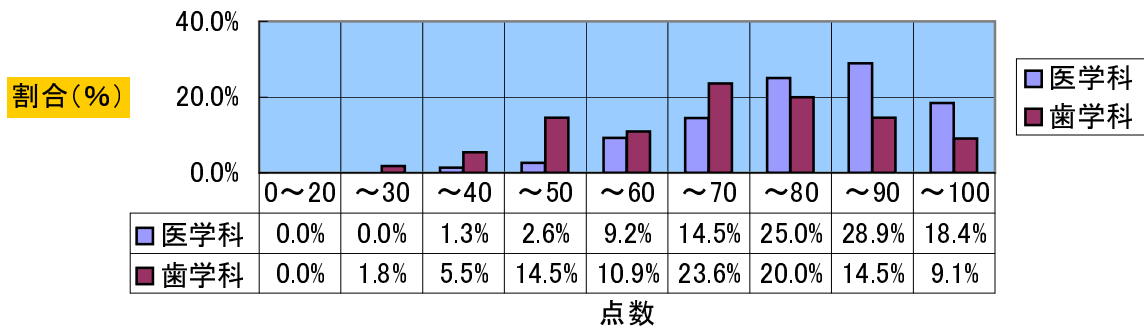
H20学力認定試験自然系4科目(総合)



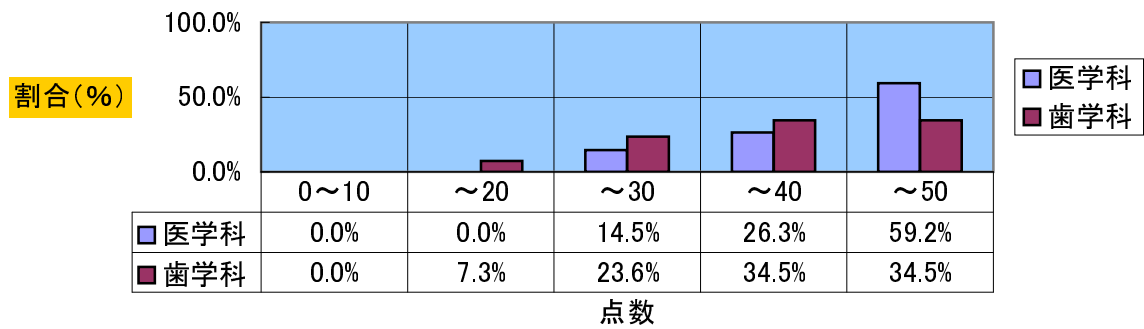
H20学力認定試験自然系4科目(学科別)



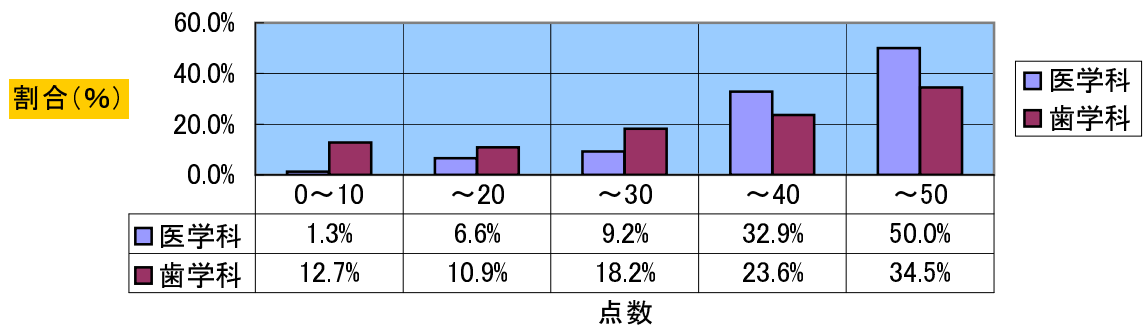
H20学力認定試験数学(総合)



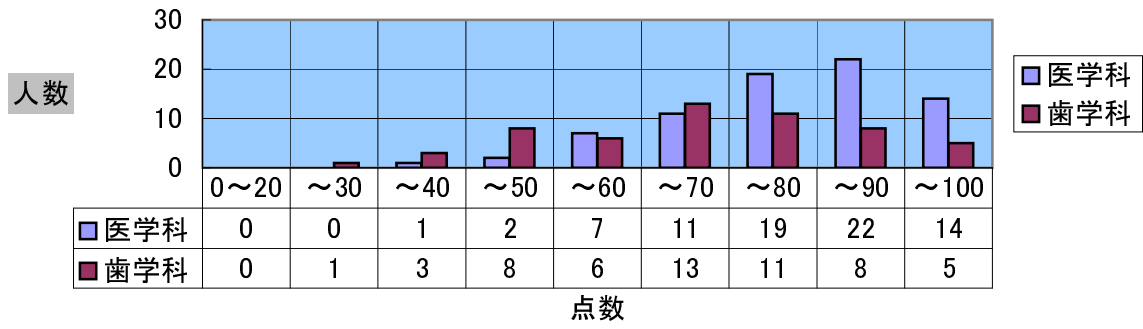
H20学力認定試験数学(微分)



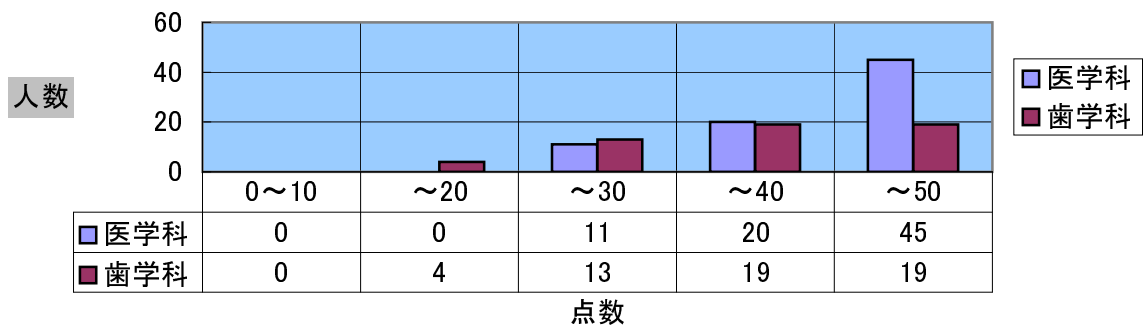
H20学力認定試験数学(統計)



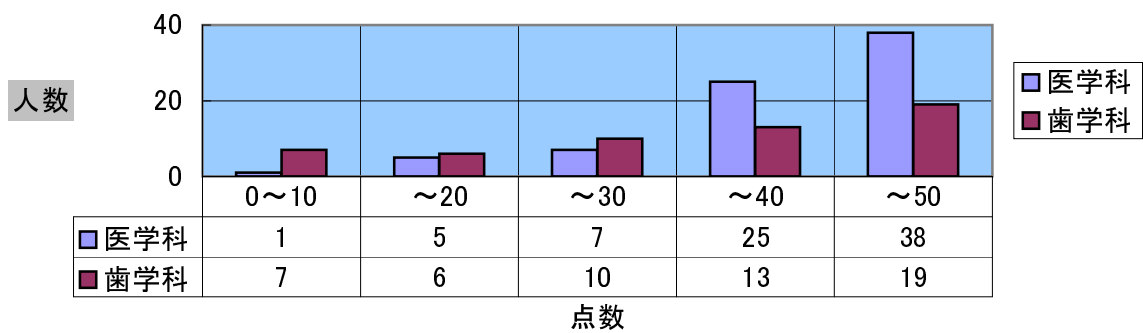
H20学力認定試験数学(総合)



H20学力認定試験数学(微分)

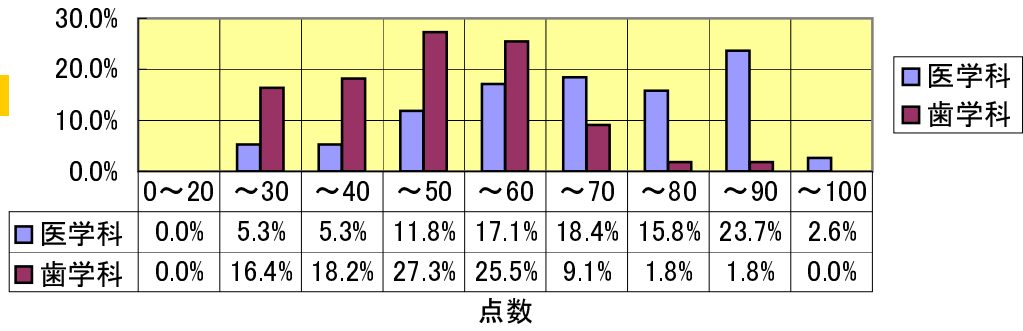


H20学力認定試験数学(統計)



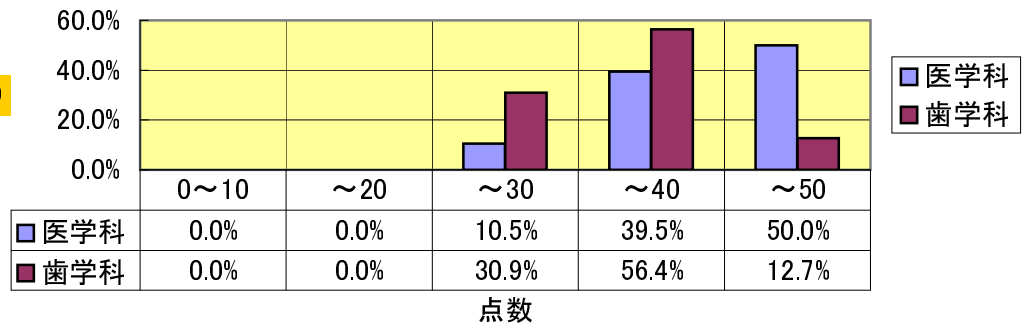
H20学力認定試験物理学(総合)

割合(%)



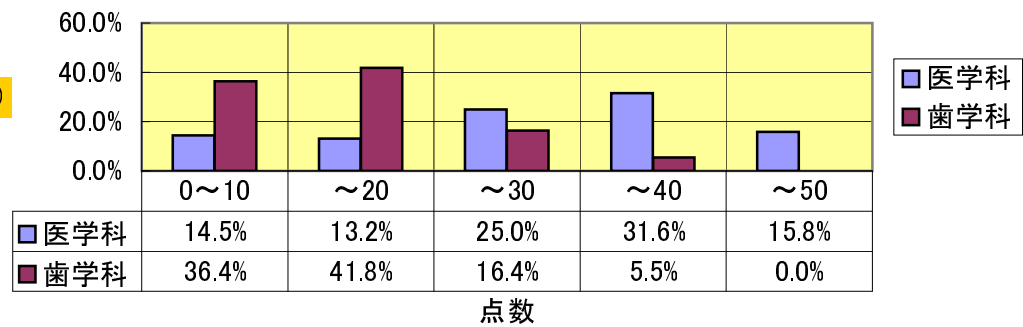
H20学力認定試験物理学(マーク)

割合(%)

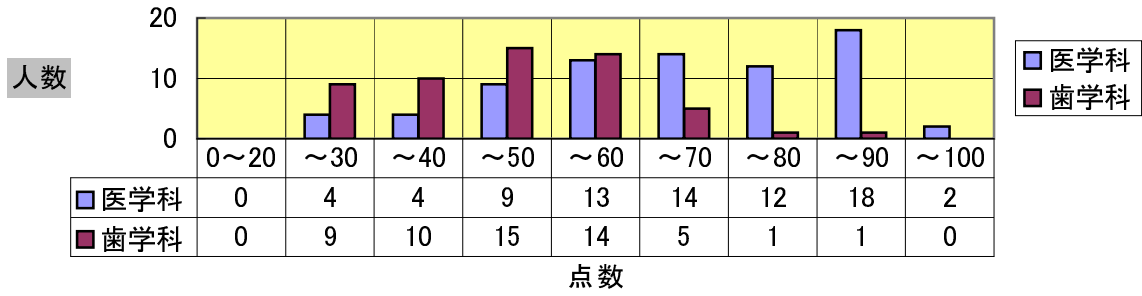


H20学力認定試験物理学(記述)

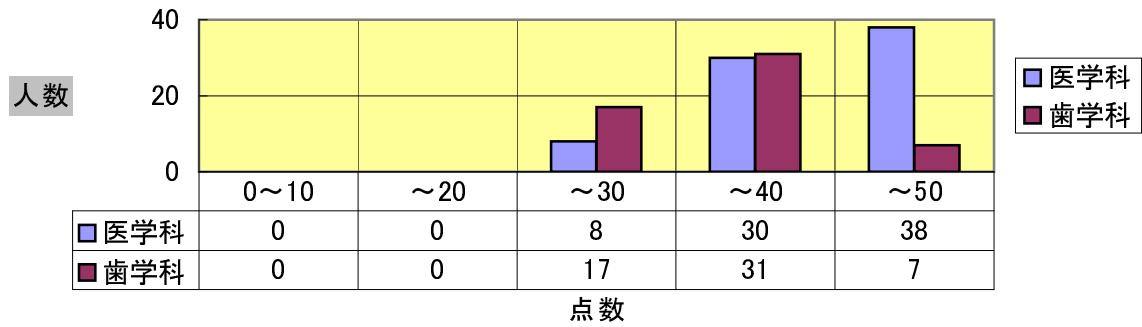
割合(%)



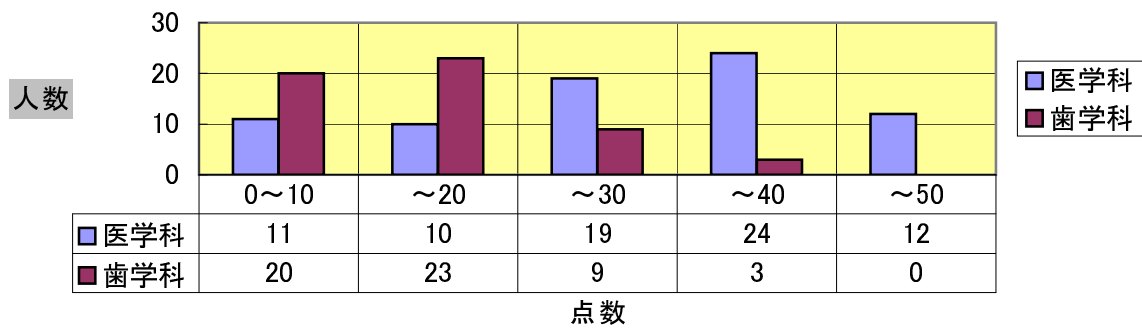
H20学力認定試験物理学(総合)



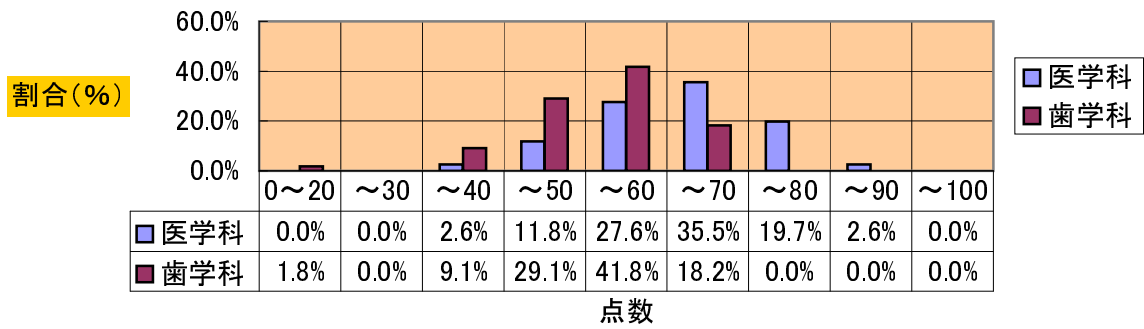
H20学力認定試験物理学(マーク)



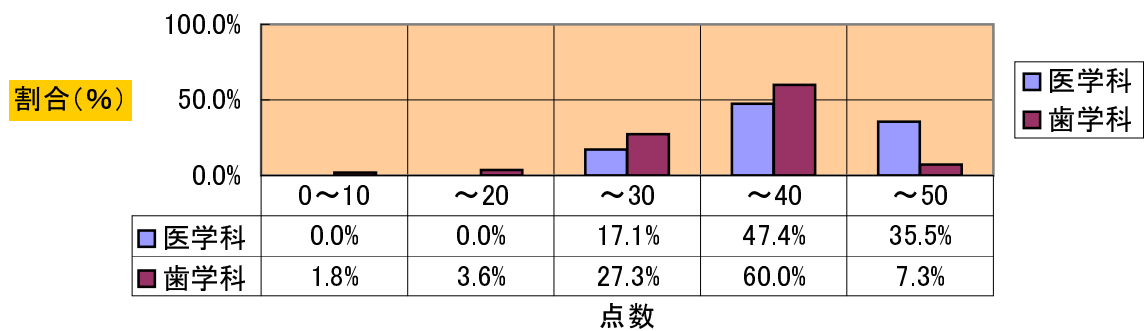
H20学力認定試験物理学(記述)



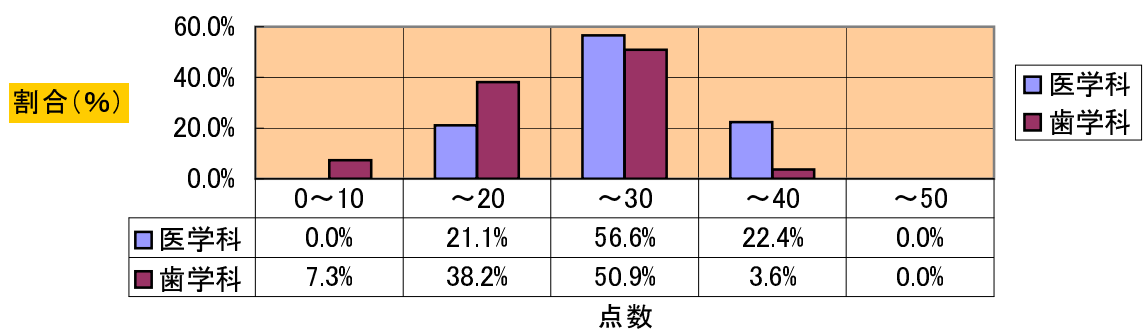
H20学力認定試験化学(総合)



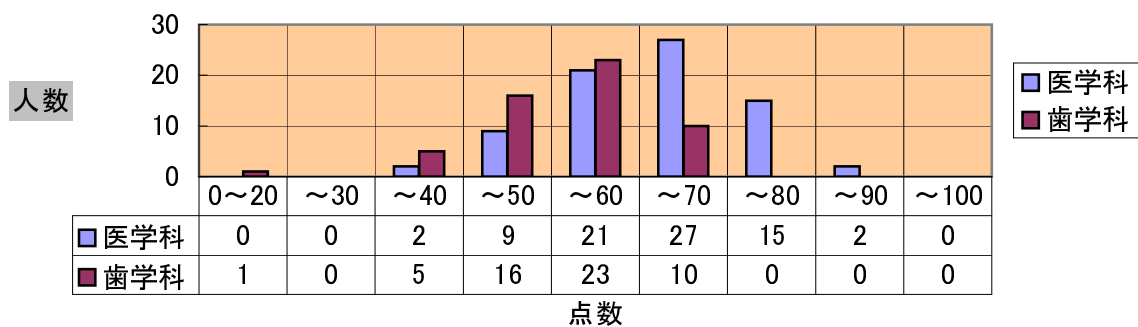
H20学力認定試験化学(無機)



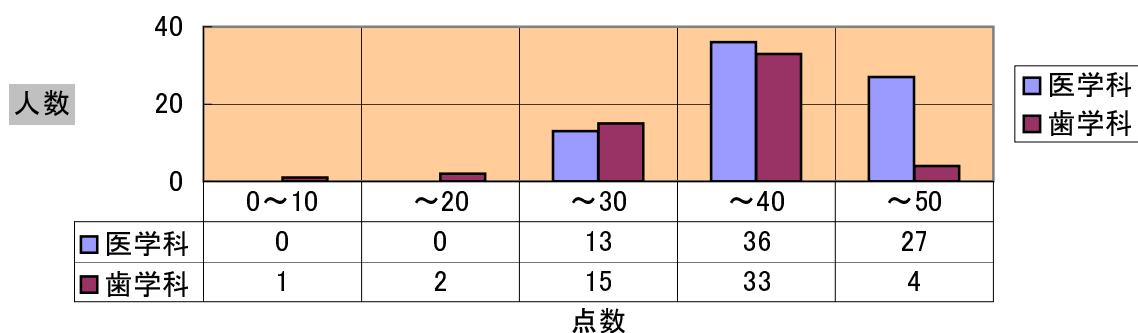
H20学力認定試験化学(有機)



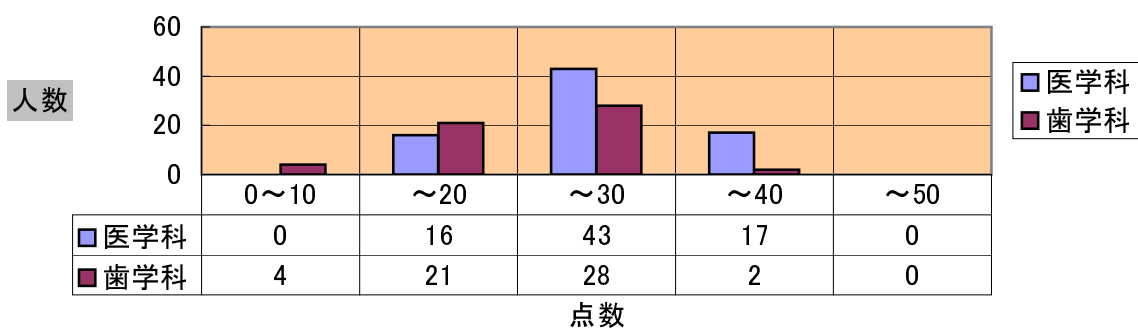
H20学力認定試験化学(総合)



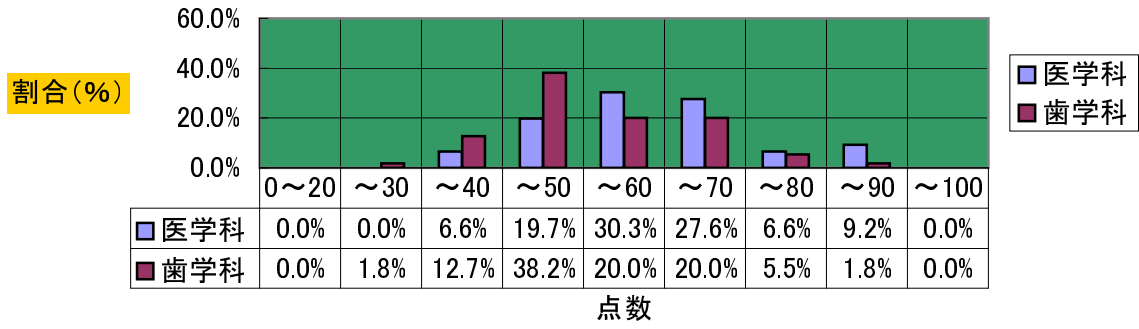
H20学力認定試験化学(無機)



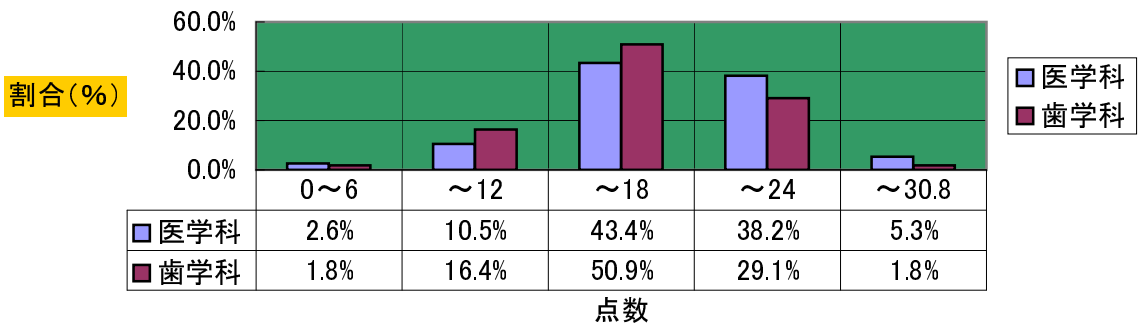
H20学力認定試験化学(有機)



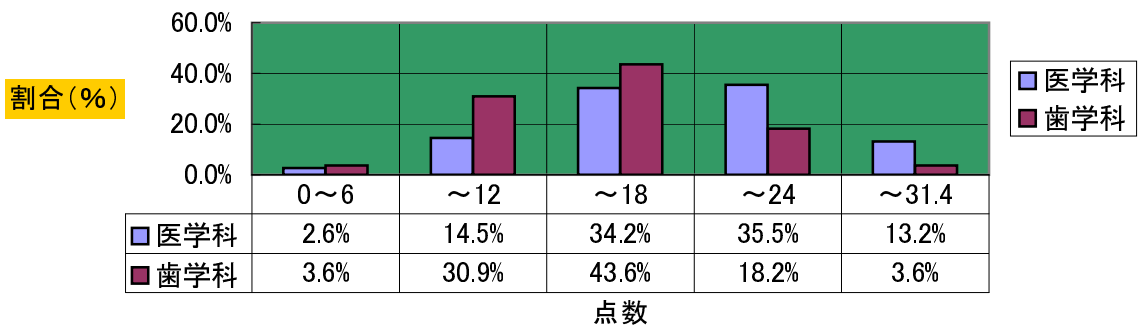
H20学力認定試験生物学(総合)



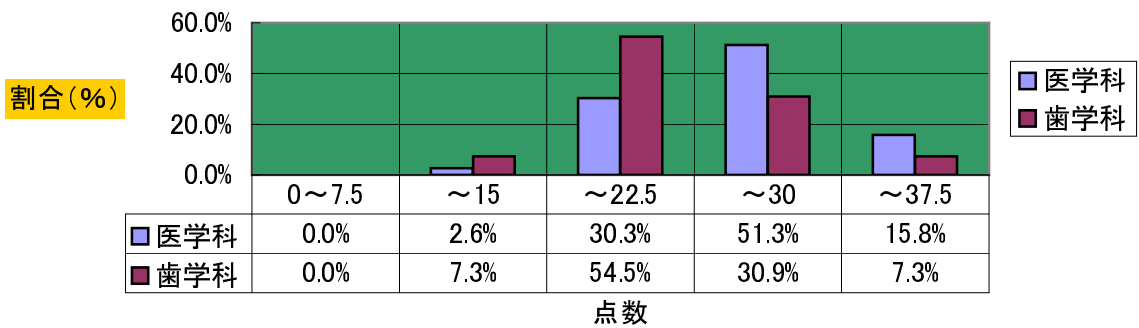
H20学力認定試験生物学(遺伝子)



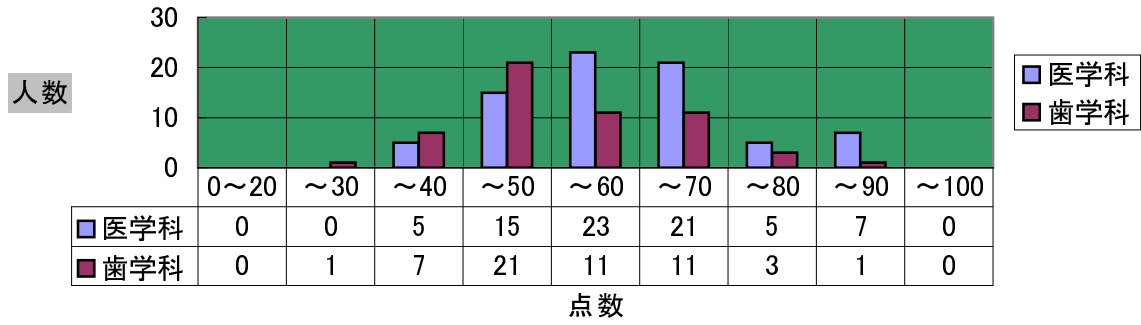
H20学力認定試験生物学(細胞)



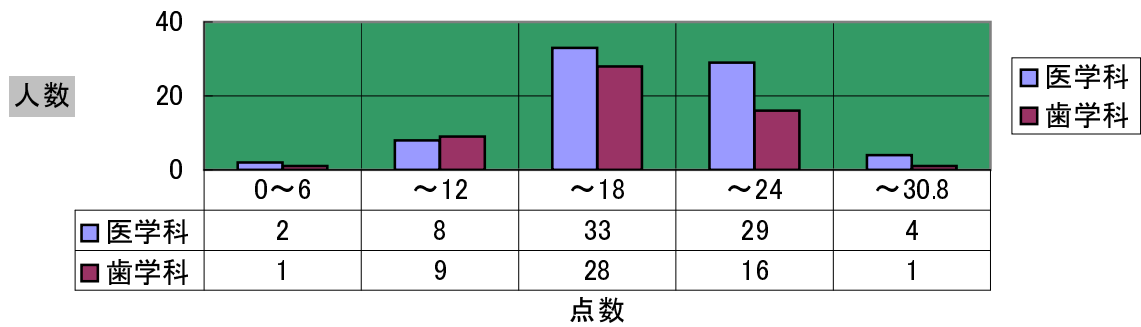
H20学力認定試験生物学(生体)



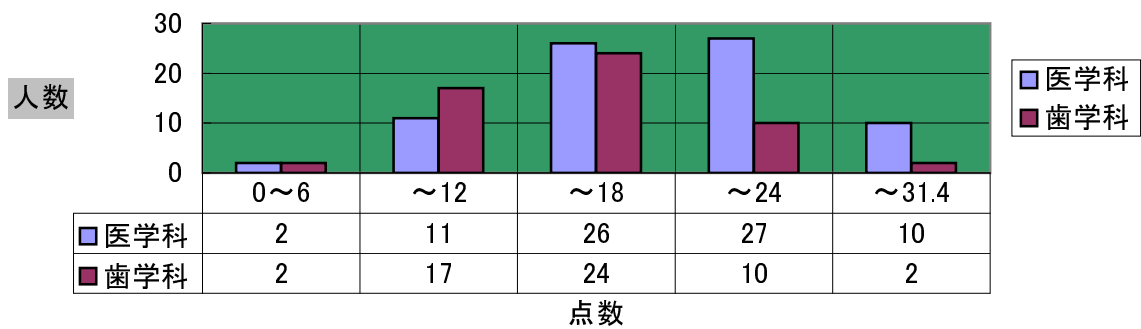
H20学力認定試験生物学(総合)



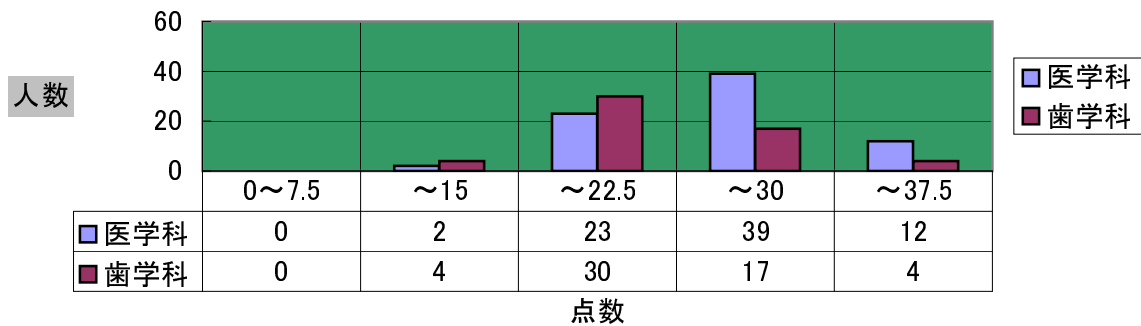
H20学力認定試験生物学(遺伝子)



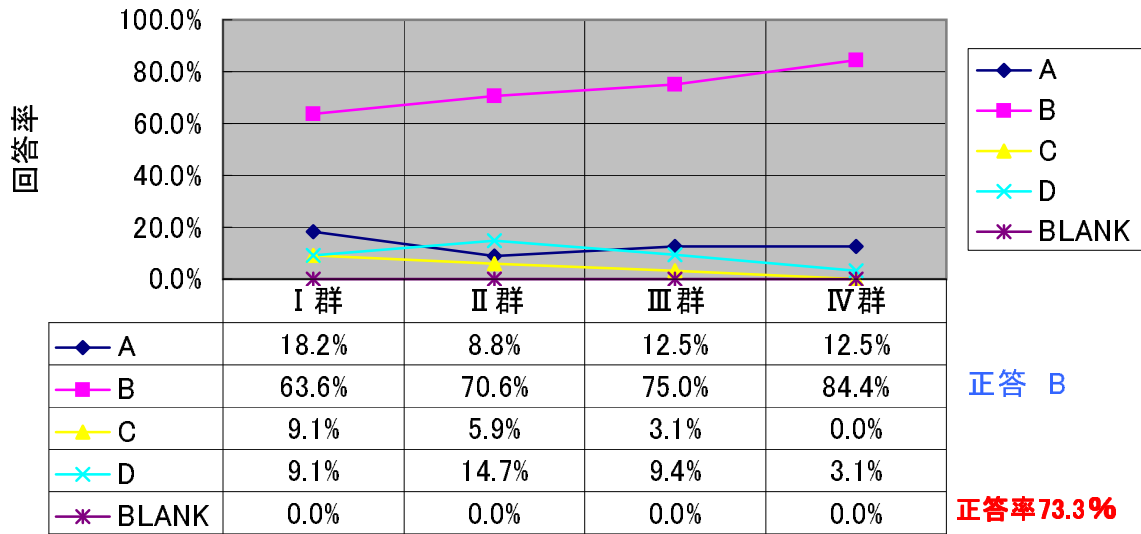
H20学力認定試験生物学(細胞)



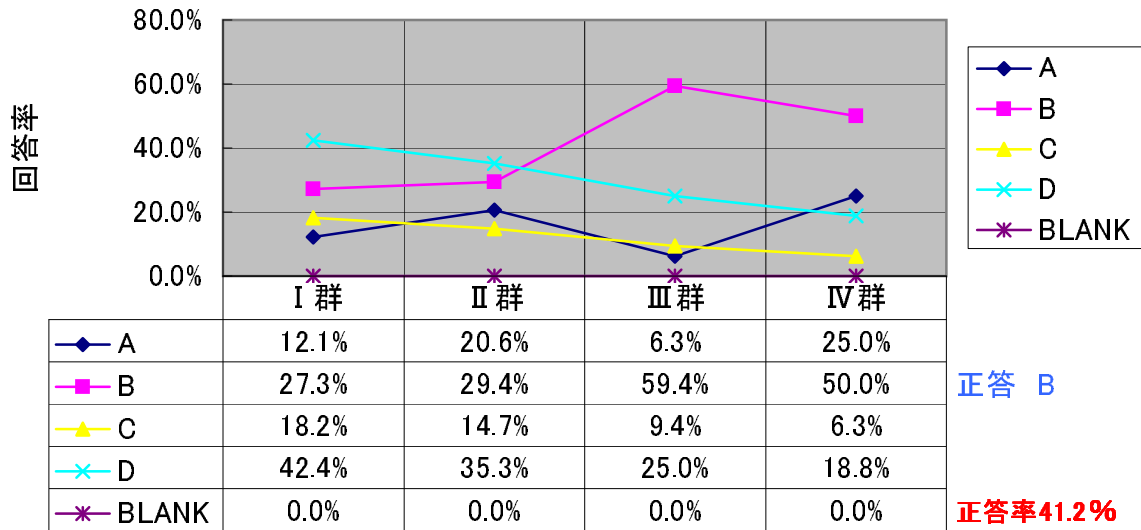
H20学力認定試験生物学(生体)



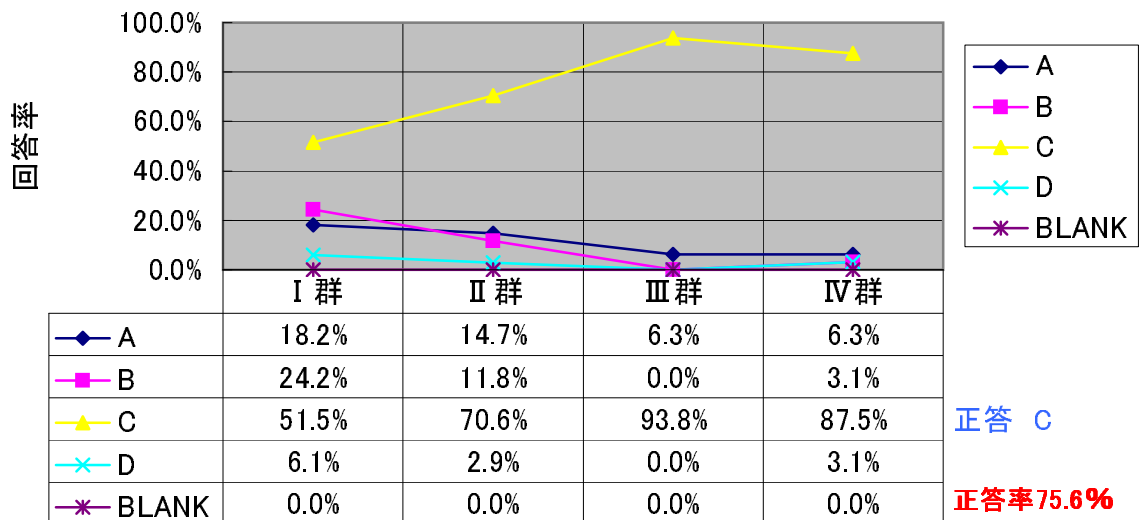
H20生物 Q1 (遺伝子)



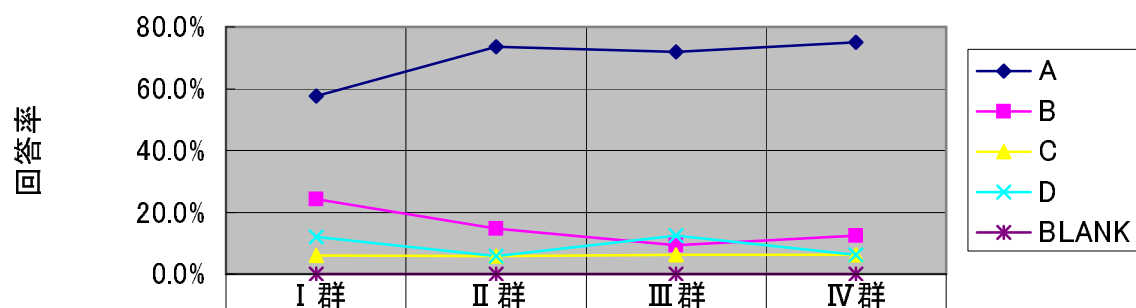
H20生物 Q2 (遺伝子)



H20生物 Q3 (遺伝子)



H20生物 Q4 (遺伝子)

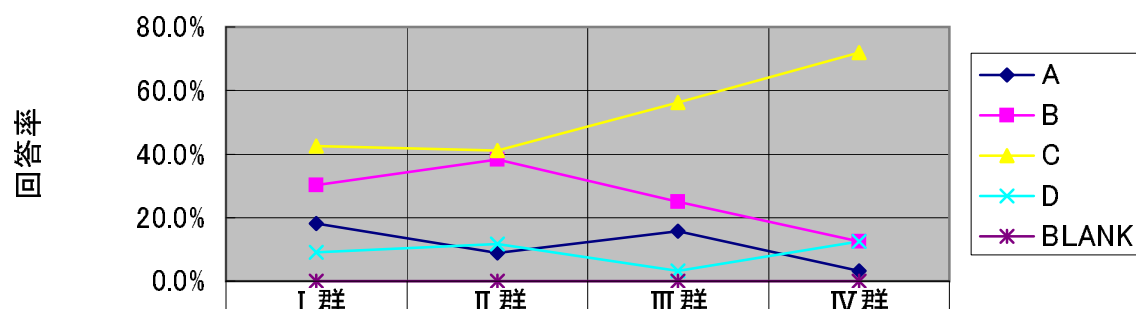


◆ A	57.6%	73.5%	71.9%	75.0%
■ B	24.2%	14.7%	9.4%	12.5%
▲ C	6.1%	5.9%	6.3%	6.3%
✕ D	12.1%	5.9%	12.5%	6.3%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

正答 A

正答率69.5%

H20生物 Q5 (遺伝子)

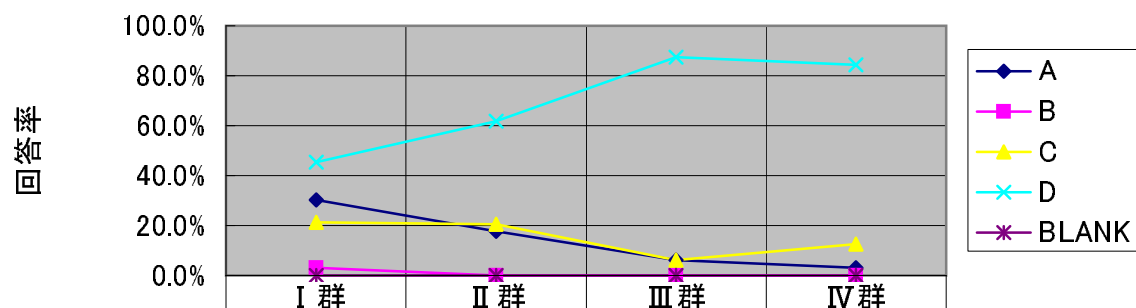


◆ A	18.2%	8.8%	15.6%	3.1%
■ B	30.3%	38.2%	25.0%	12.5%
▲ C	42.4%	41.2%	56.3%	71.9%
✕ D	9.1%	11.8%	3.1%	12.5%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

正答 C

正答率52.7%

H20生物 Q6 遺伝子

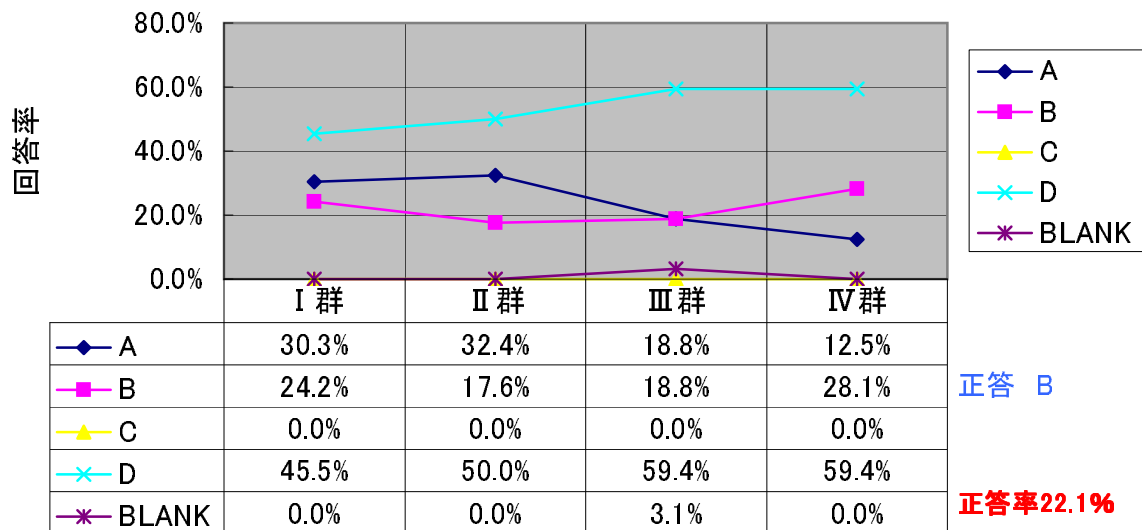


◆ A	30.3%	17.6%	6.3%	3.1%
■ B	3.0%	0.0%	0.0%	0.0%
▲ C	21.2%	20.6%	6.3%	12.5%
✕ D	45.5%	61.8%	87.5%	84.4%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

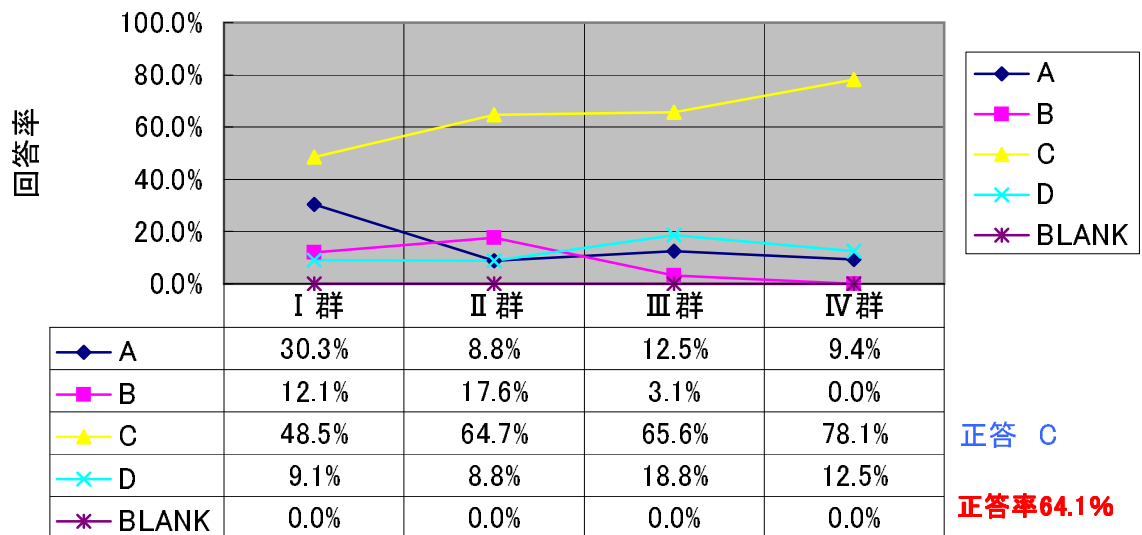
正答 D

正答率69.5%

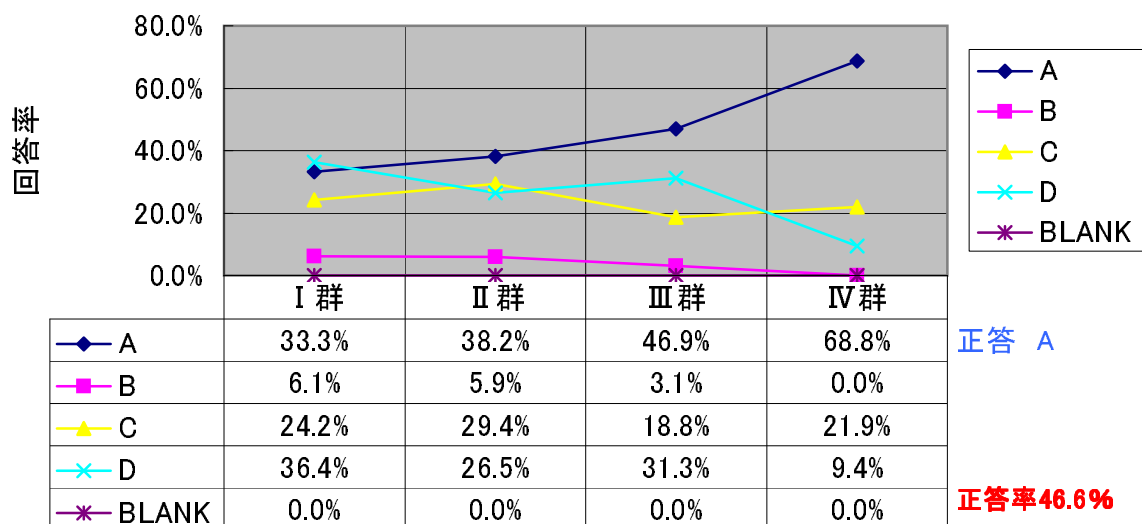
H20生物 Q7 遺伝子



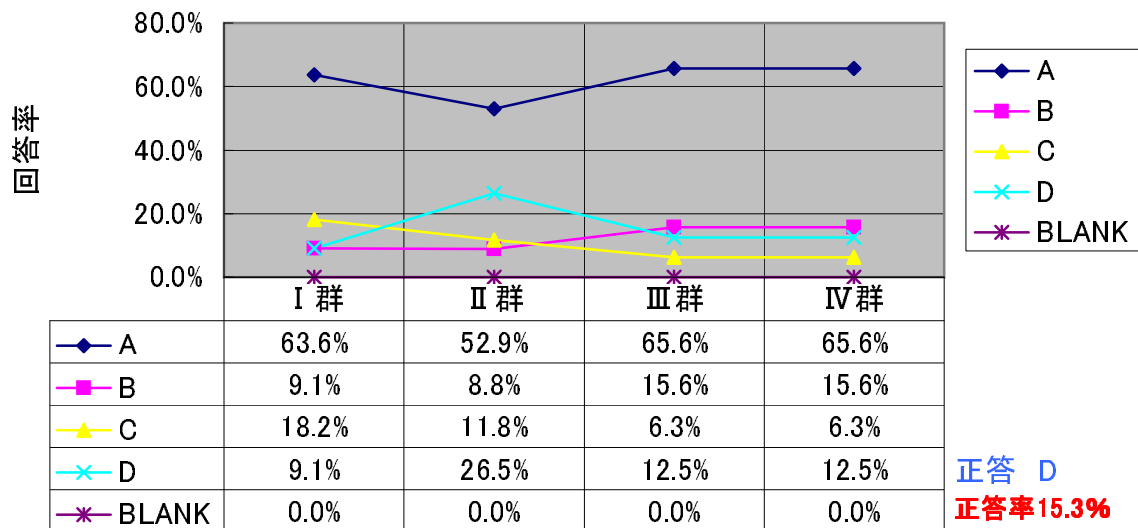
H20生物 Q8 (遺伝子)



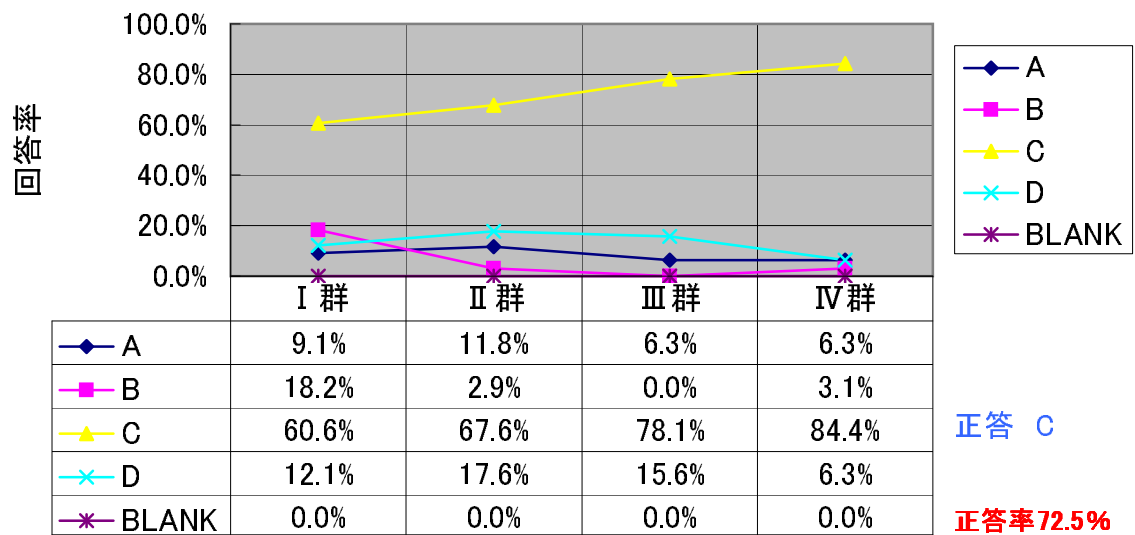
H20生物 Q9 (遺伝子)



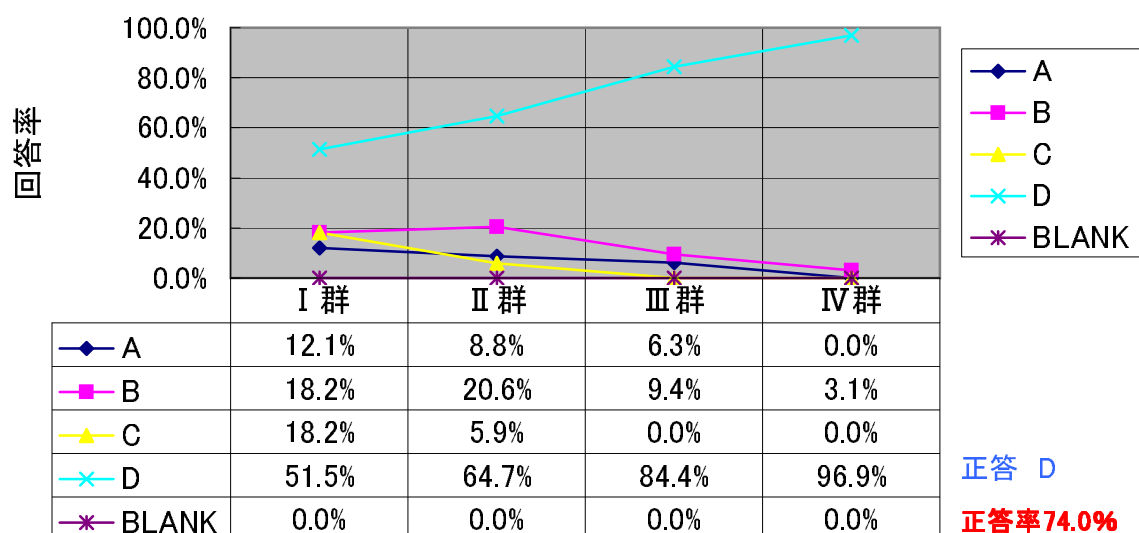
H20生物 Q10 (遺伝子)



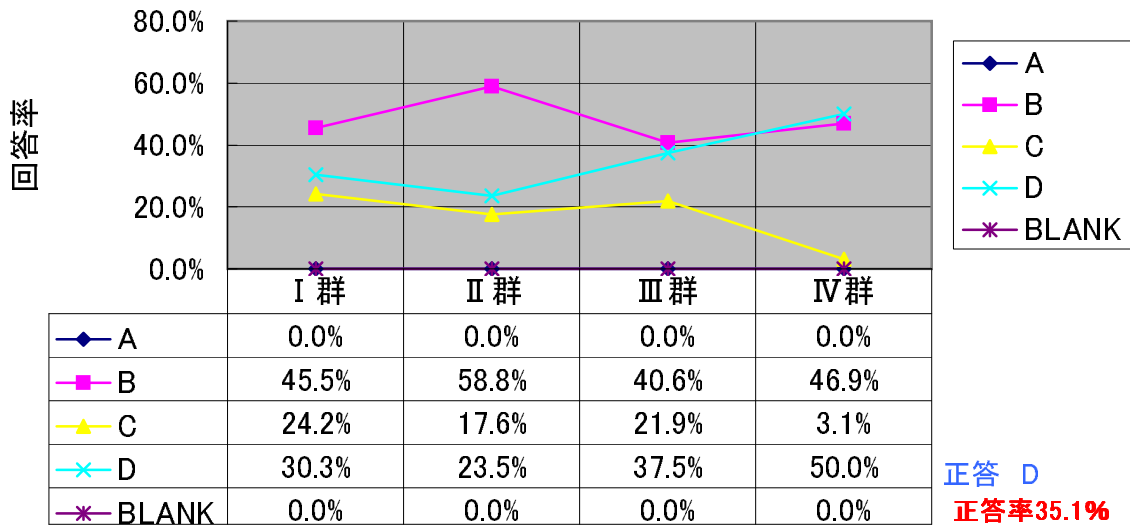
H20生物 Q11 (遺伝子)



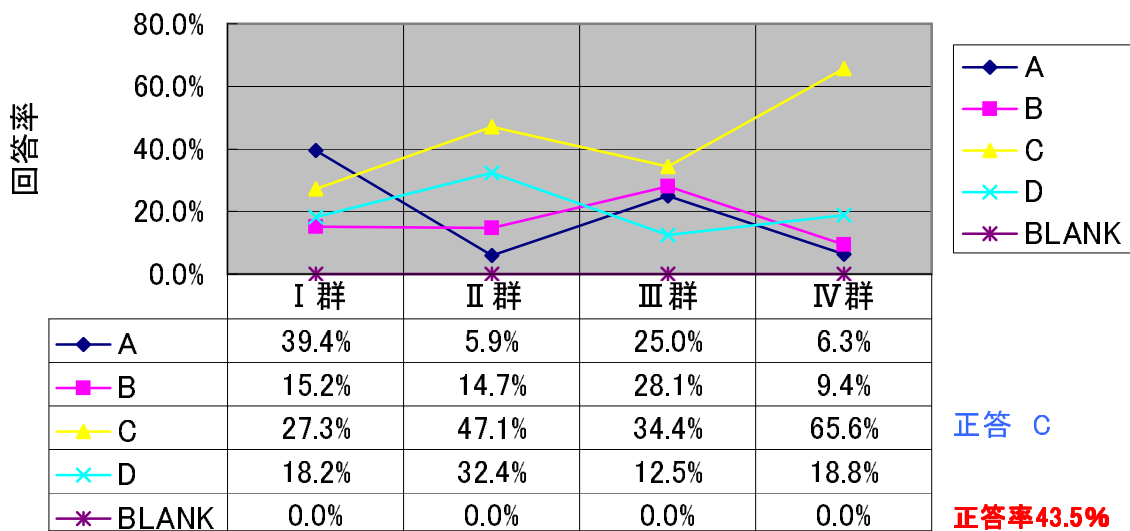
H20生物 Q12 (遺伝子)



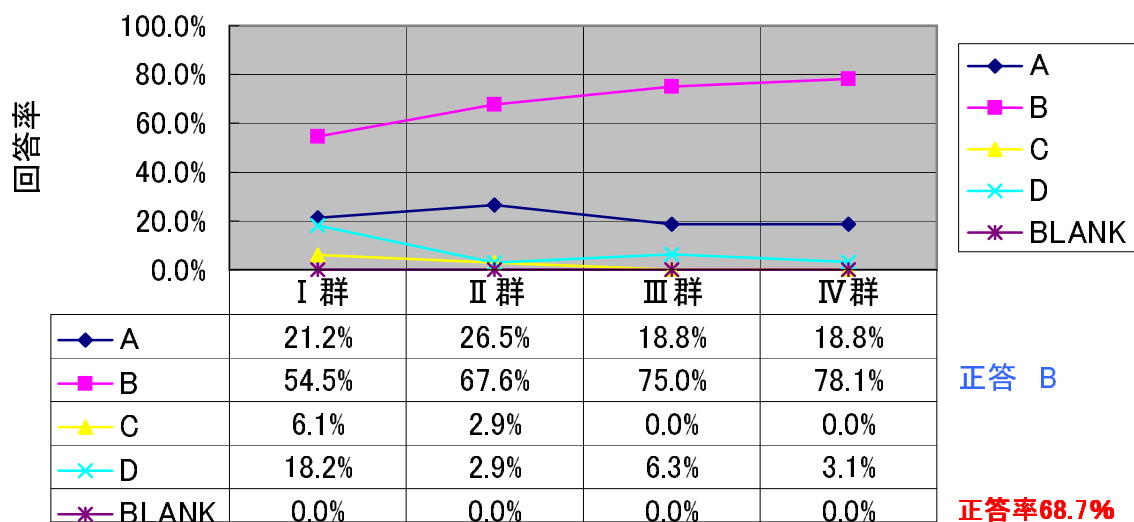
H20生物 Q13 (遺伝子)



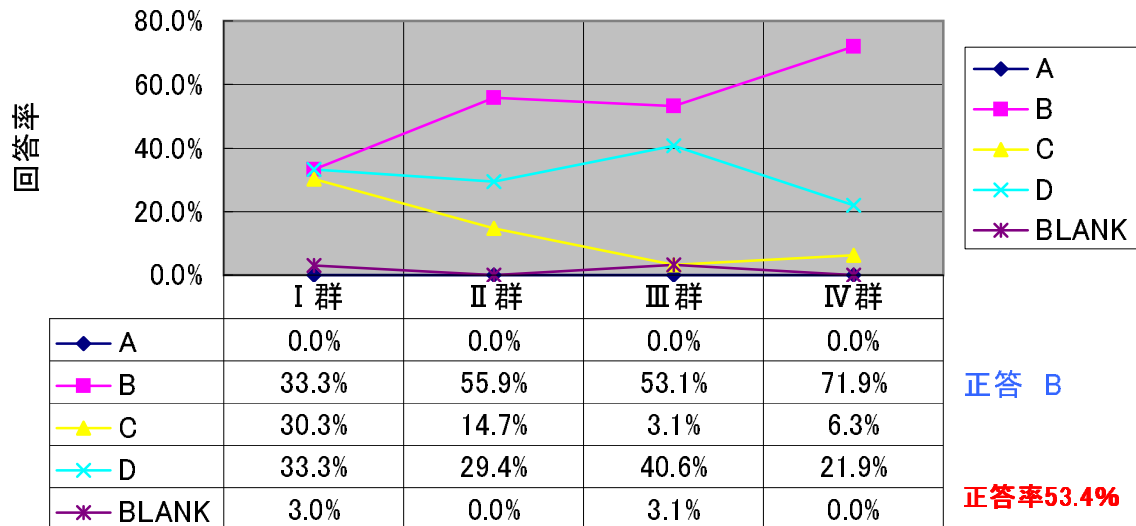
H20生物 Q14 (遺伝子)



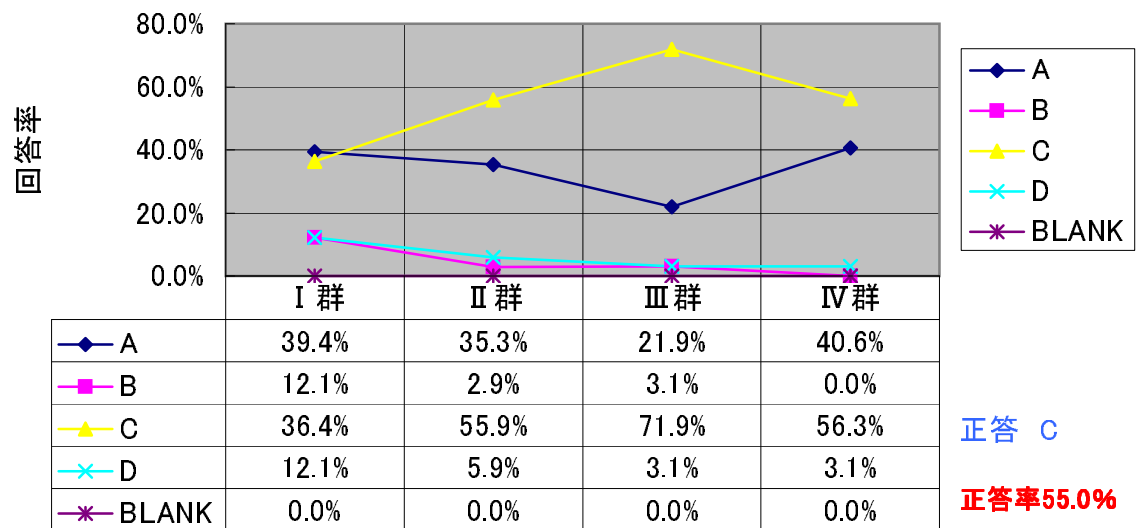
H20生物 Q15 (遺伝子)



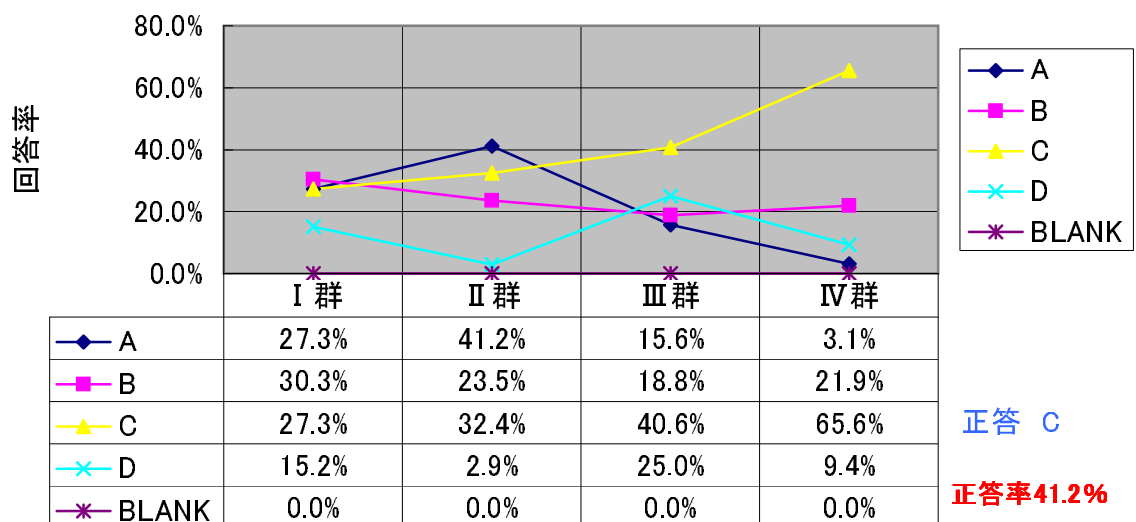
H20生物 Q16 (遺伝子)



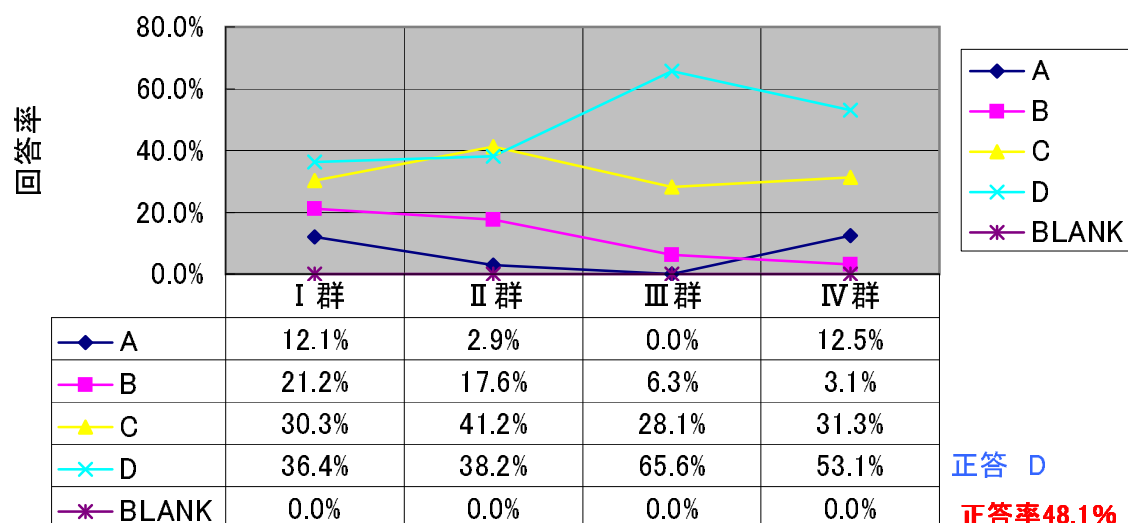
H20生物 Q17 (遺伝子)



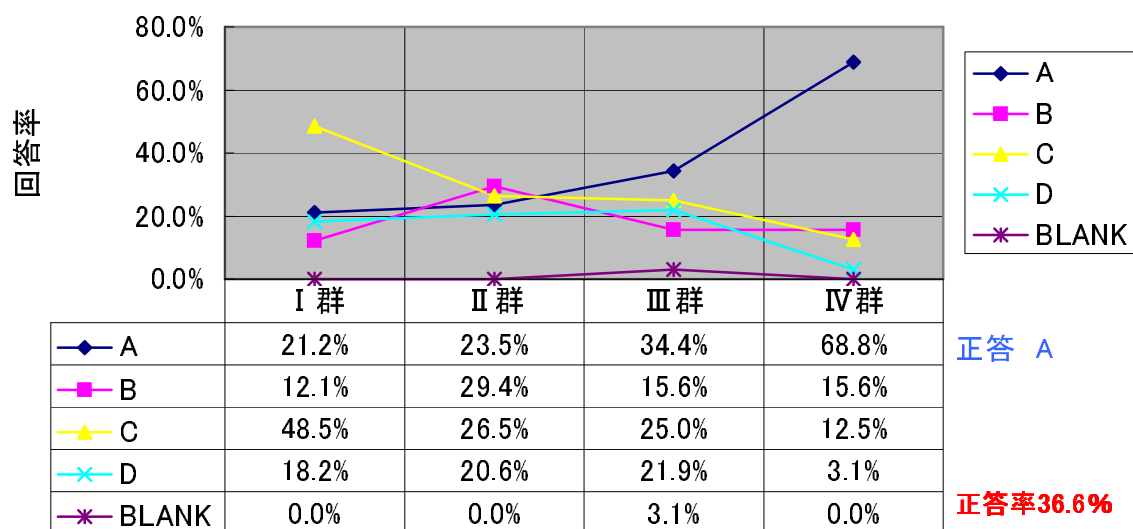
H20生物 Q18 (遺伝子)



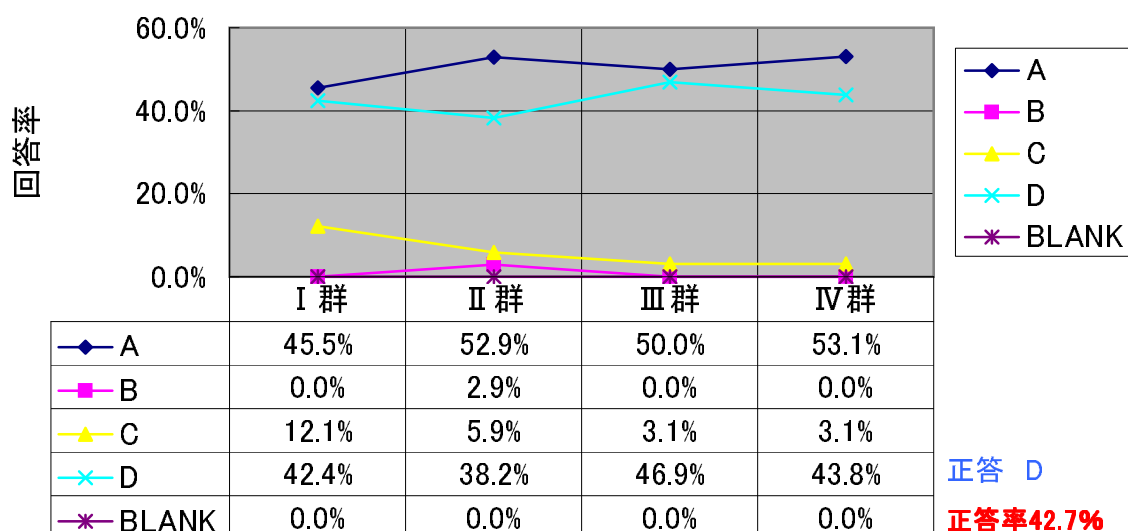
H20生物 Q19 (遺伝子)



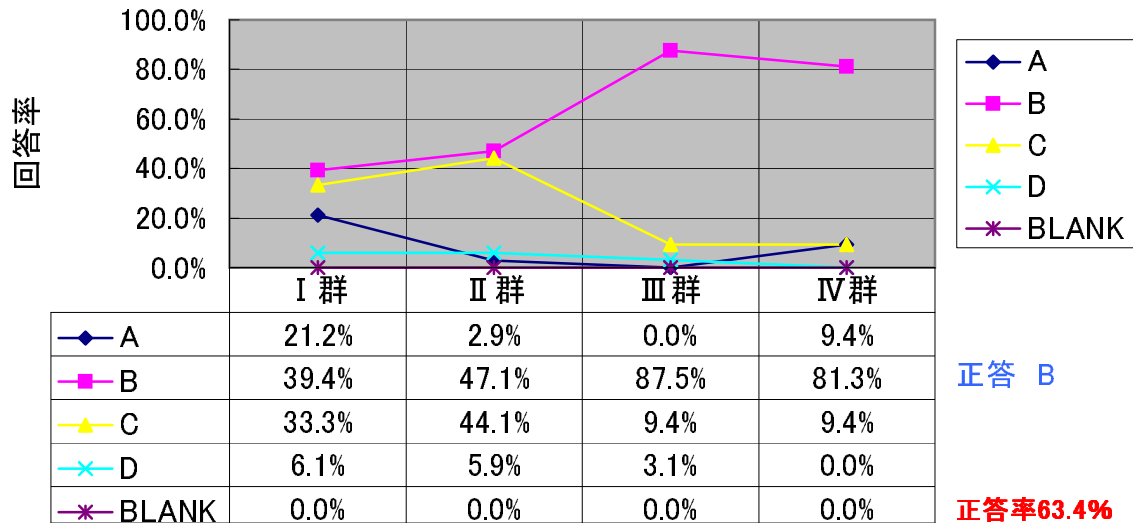
H20生物 Q20 (遺伝子)



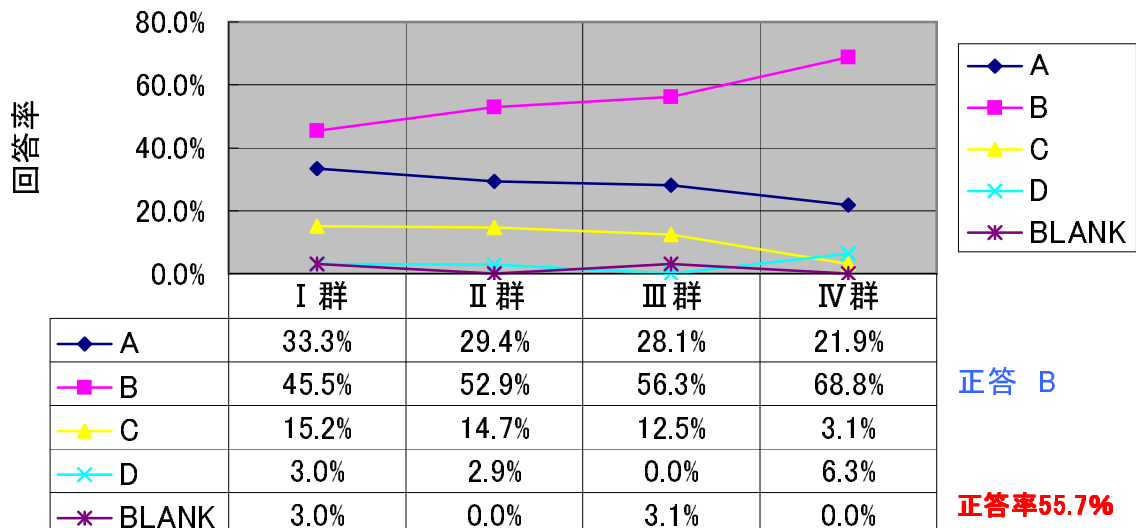
H20生物 Q21 (遺伝子)



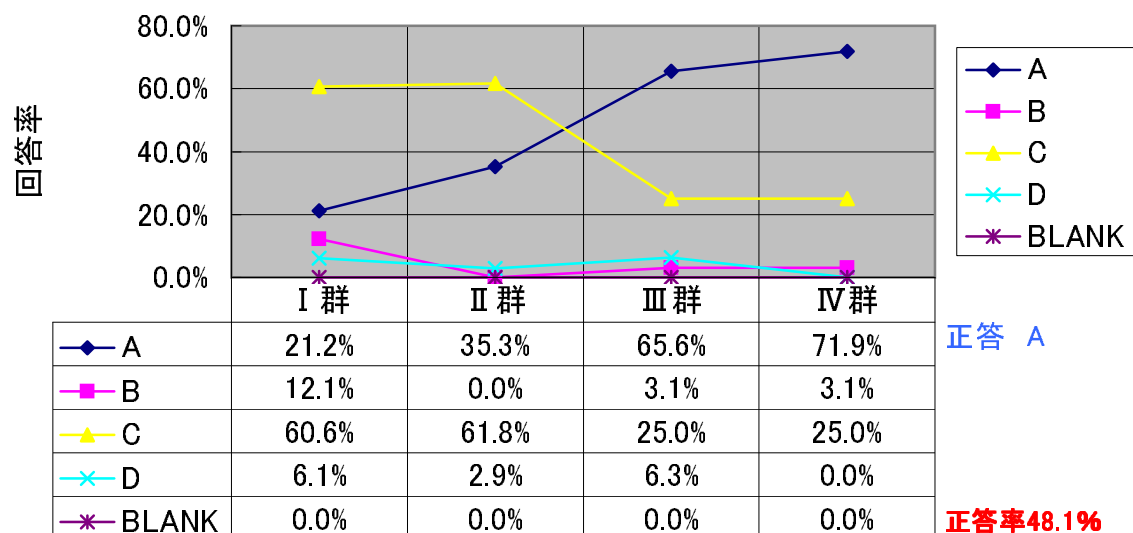
H20生物 Q22 (遺伝子)



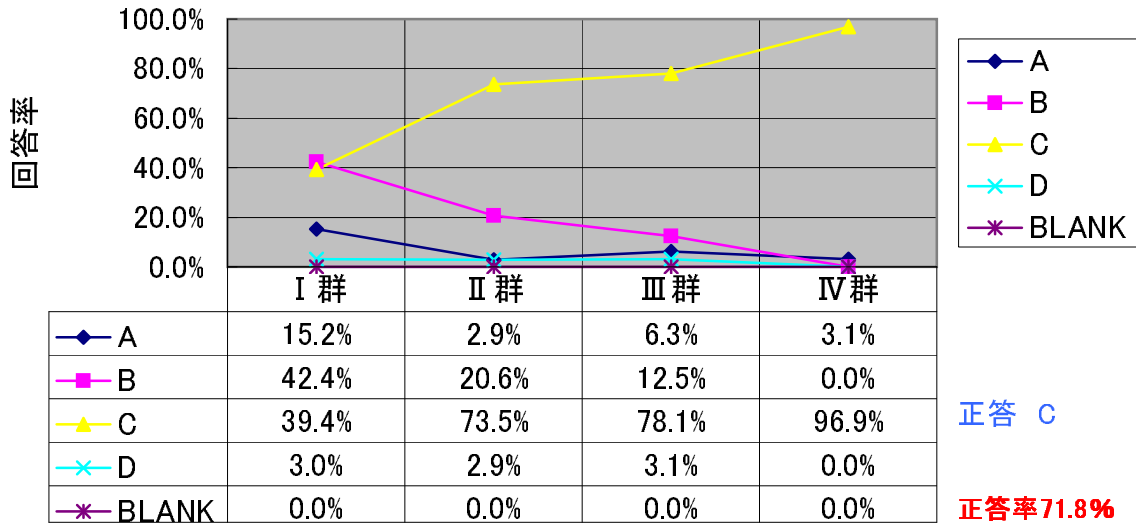
H20生物 Q23 (細胞)



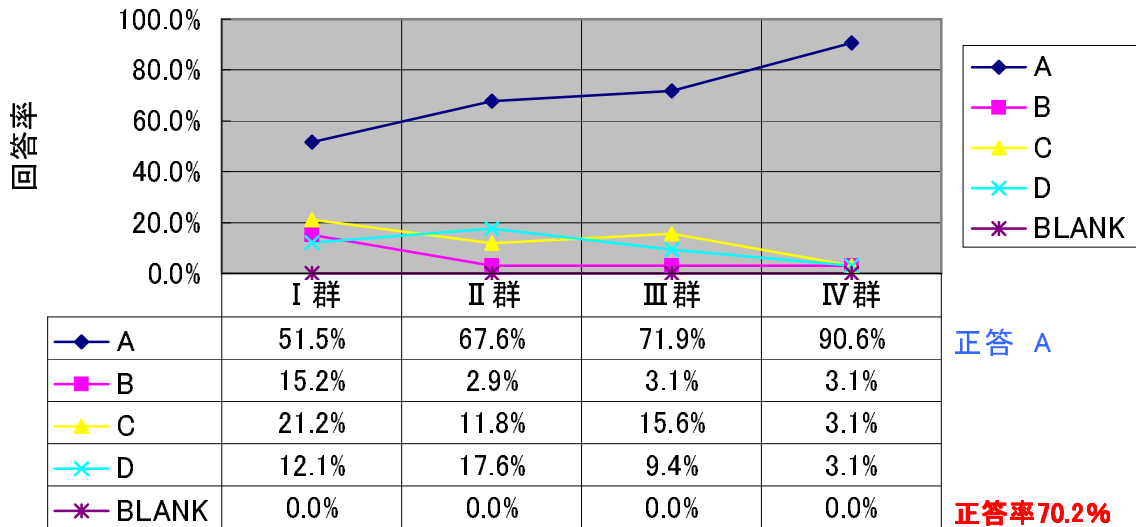
H20生物 Q24 (細胞)



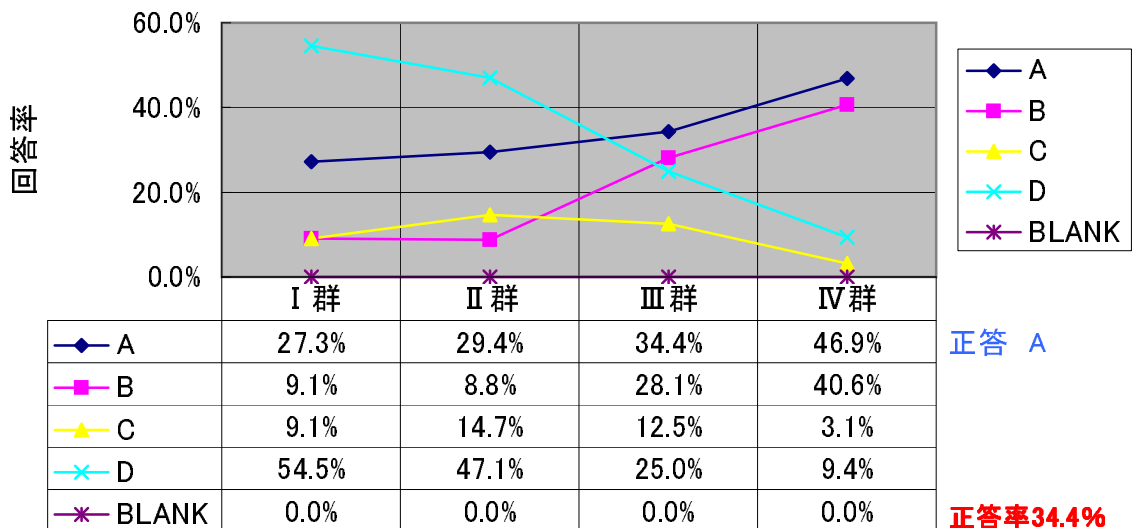
H20生物 Q25 (細胞)



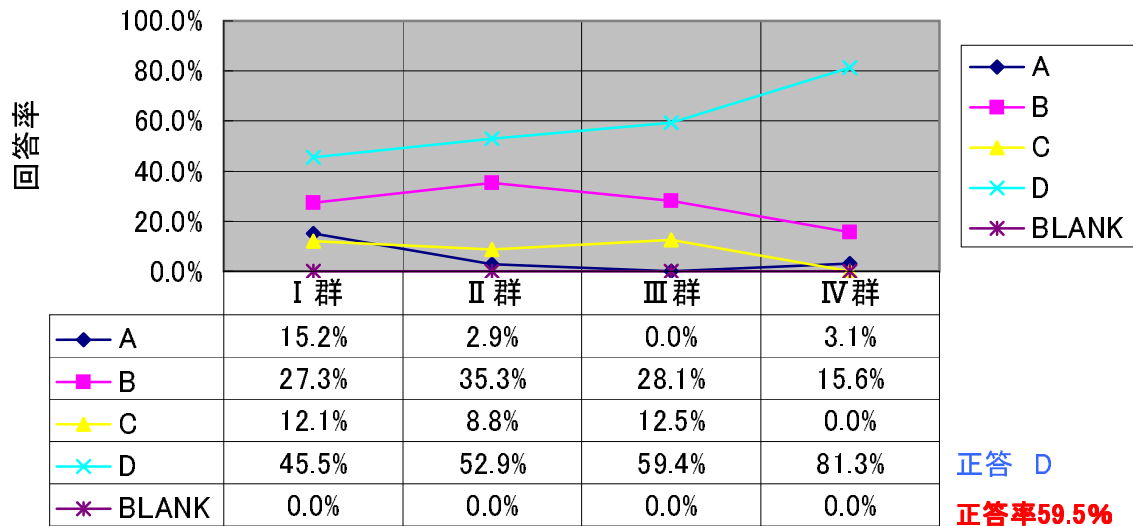
H20生物 Q26 (細胞)



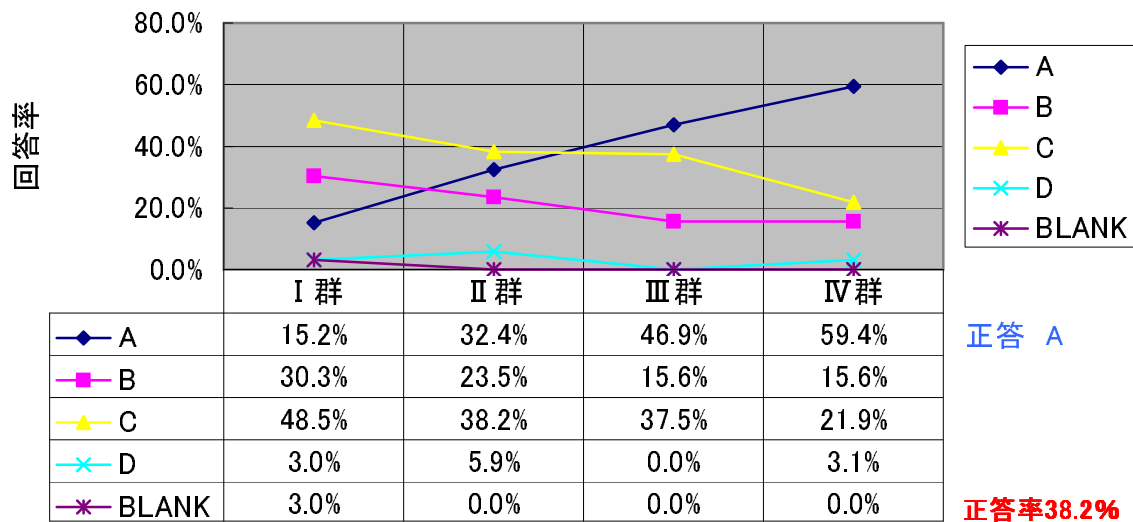
H20生物 Q27 (細胞)



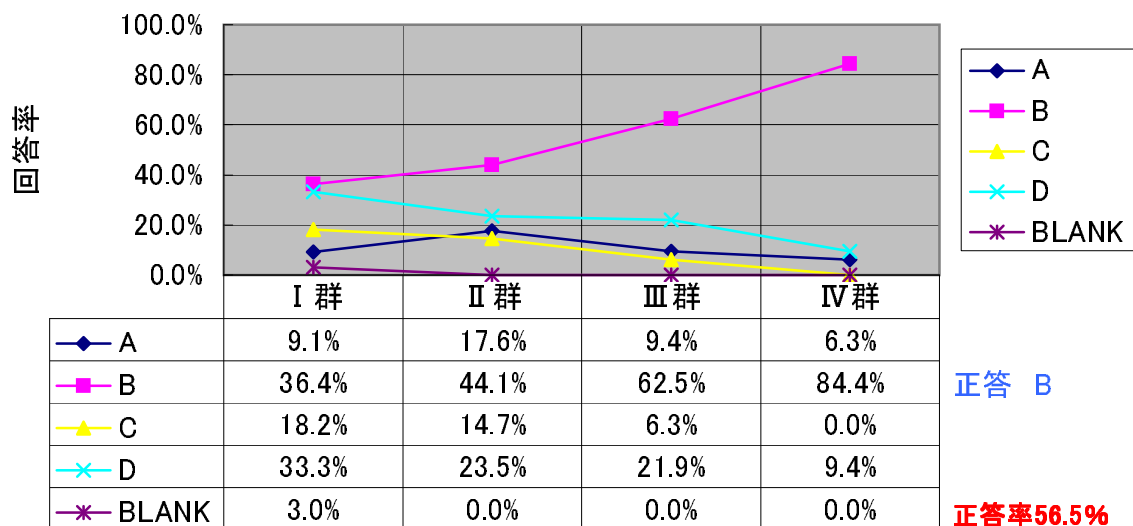
H20生物 Q28 (細胞)



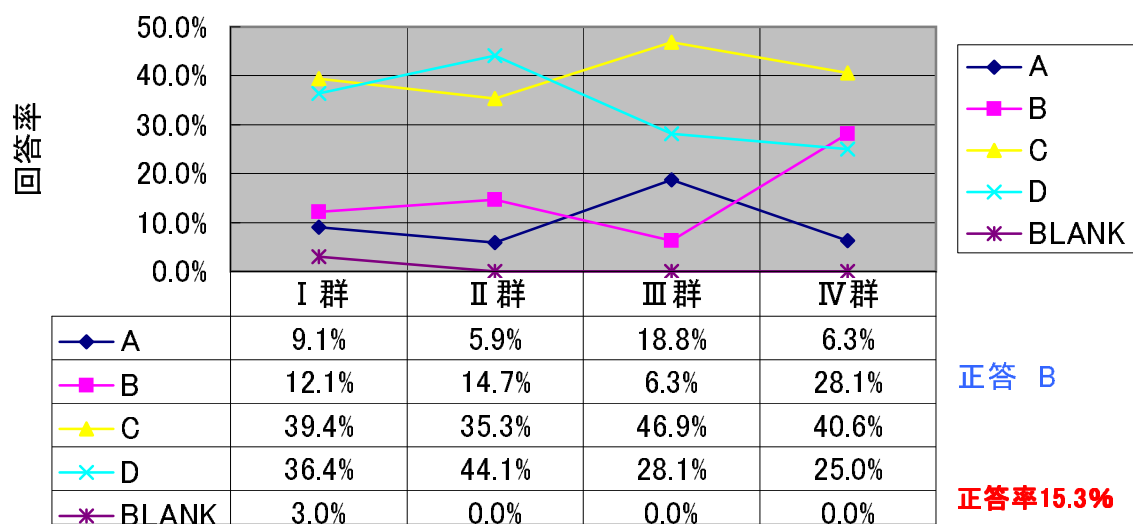
H20生物 Q29 (細胞)



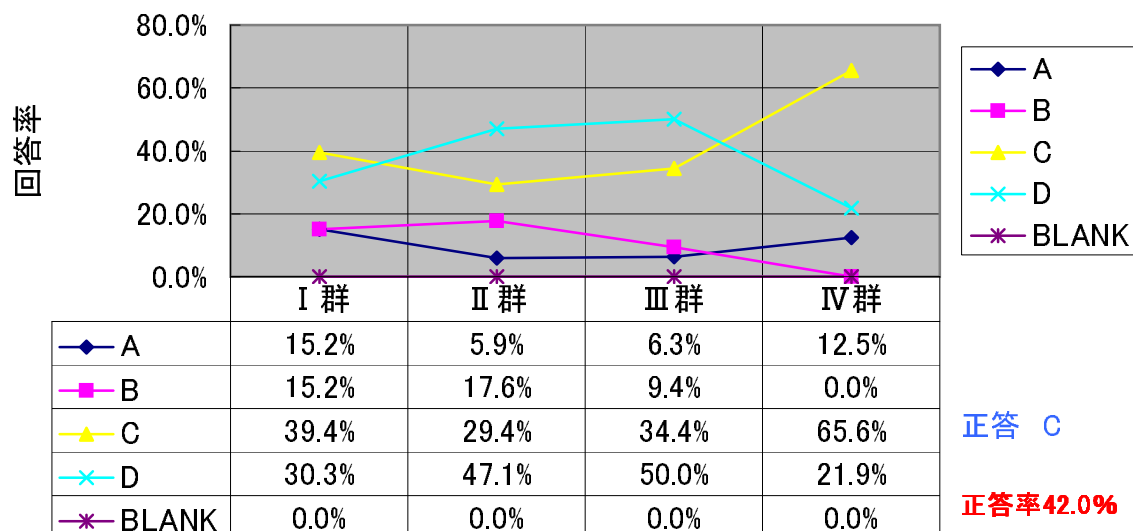
H20生物 Q30 (細胞)



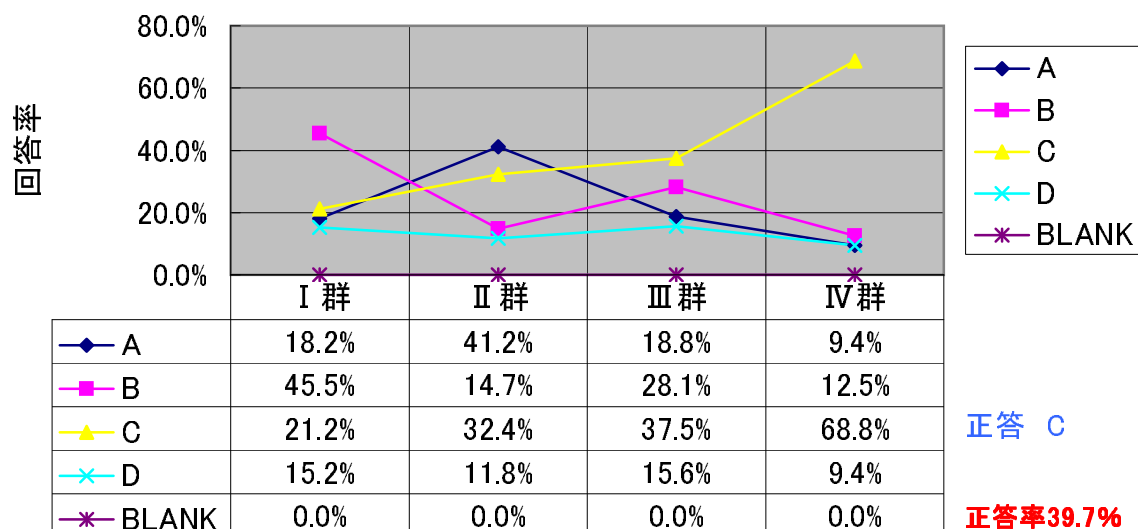
H20生物 Q31 (細胞)



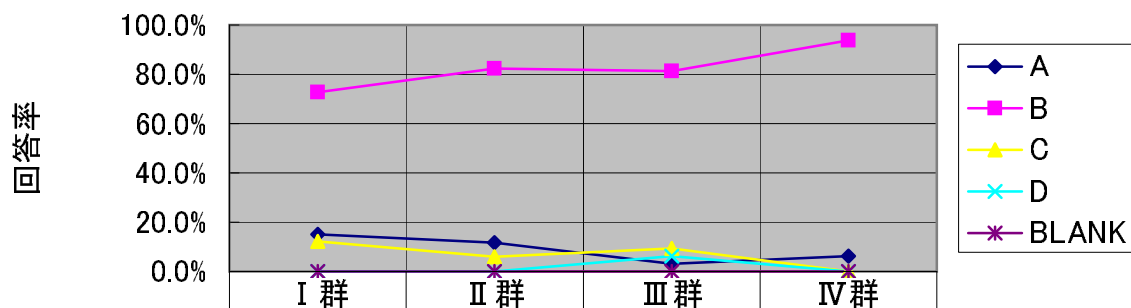
H20生物 Q32 (細胞)



H20生物 Q33 (細胞)



H20生物 Q34 (細胞)

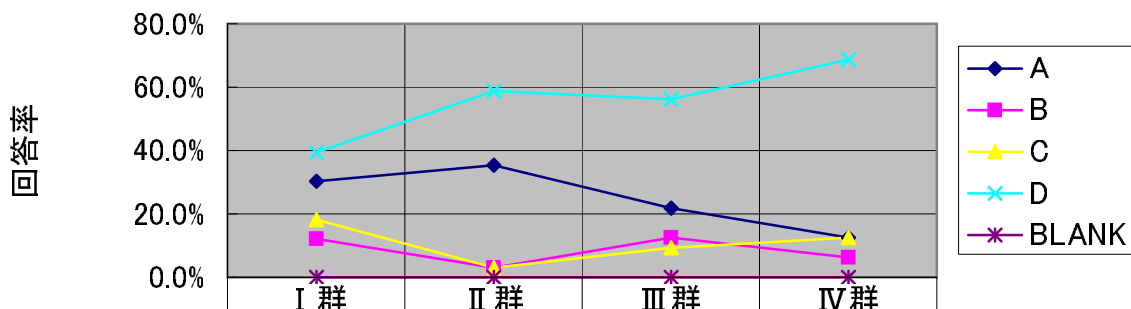


◆ A	15.2%	11.8%	3.1%	6.3%
■ B	72.7%	82.4%	81.3%	93.8%
▲ C	12.1%	5.9%	9.4%	0.0%
✕ D	0.0%	0.0%	6.3%	0.0%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

正答 B

正答率82.4%

H20生物 Q35 (細胞)

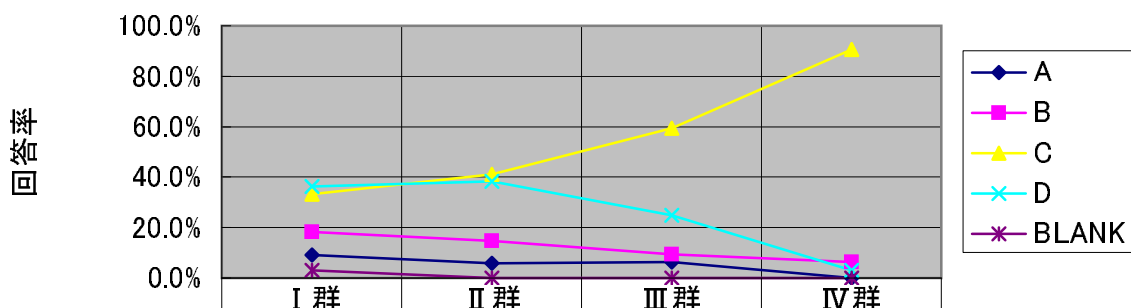


◆ A	30.3%	35.3%	21.9%	12.5%
■ B	12.1%	2.9%	12.5%	6.3%
▲ C	18.2%	2.9%	9.4%	12.5%
✕ D	39.4%	58.8%	56.3%	68.8%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

正答 D

正答率55.7%

H20生物 Q36 (細胞)

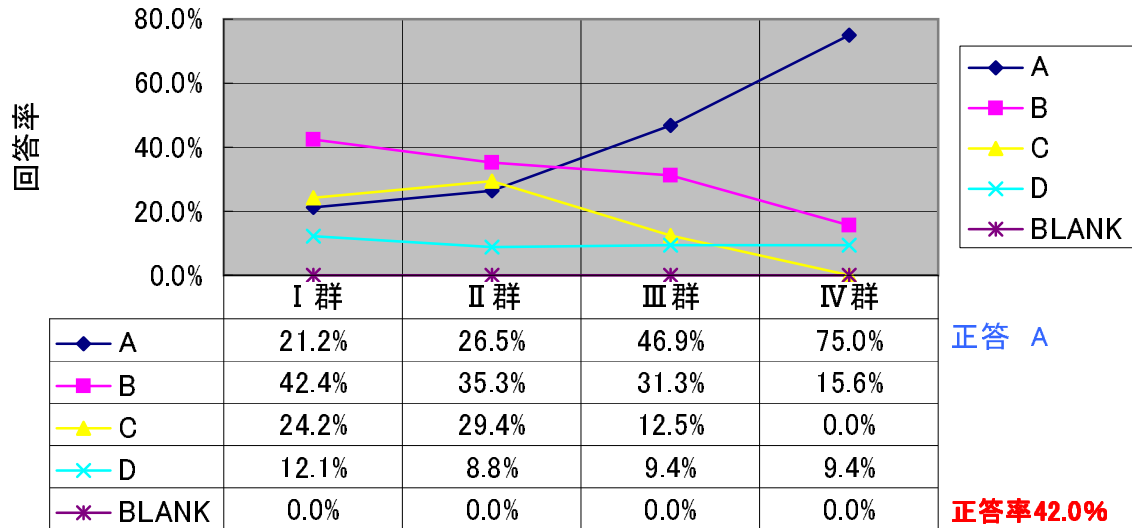


◆ A	9.1%	5.9%	6.3%	0.0%
■ B	18.2%	14.7%	9.4%	6.3%
▲ C	33.3%	41.2%	59.4%	90.6%
✕ D	36.4%	38.2%	25.0%	3.1%
✱ BLANK	3.0%	0.0%	0.0%	0.0%

正答 C

正答率55.7%

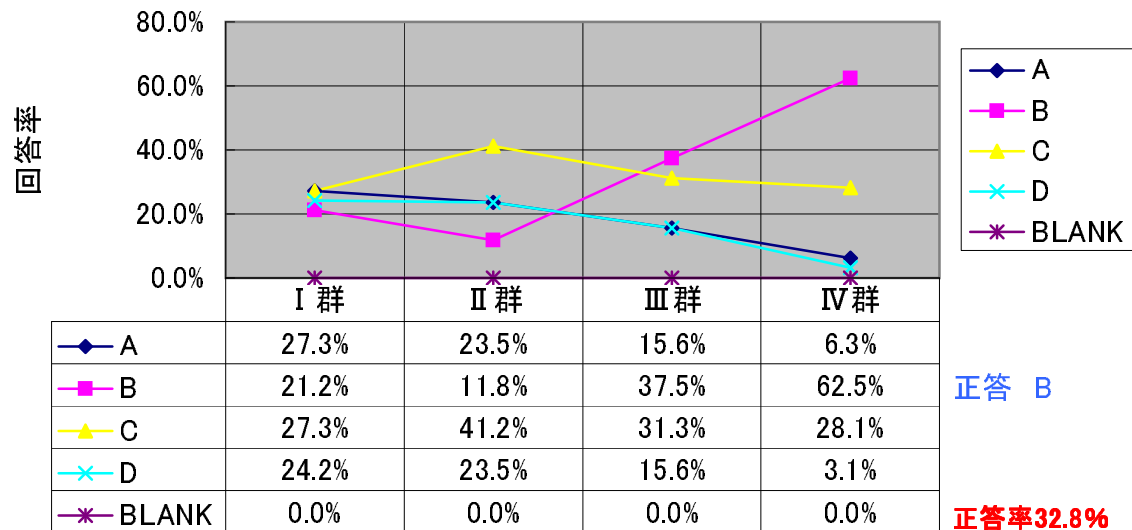
H20生物 Q37 (細胞)



正答 A

正答率42.0%

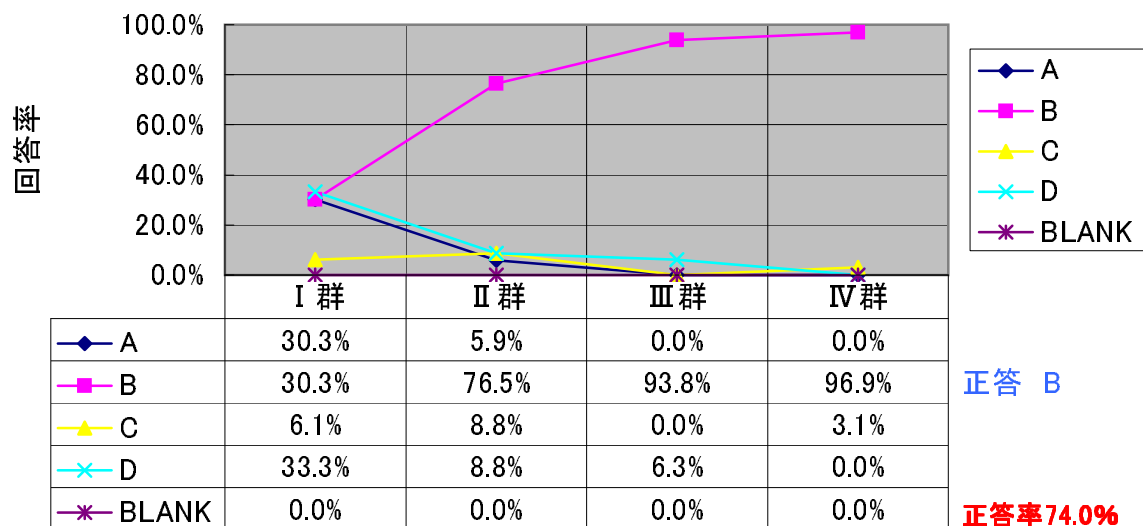
H20生物 Q38 (細胞)



正答 B

正答率32.8%

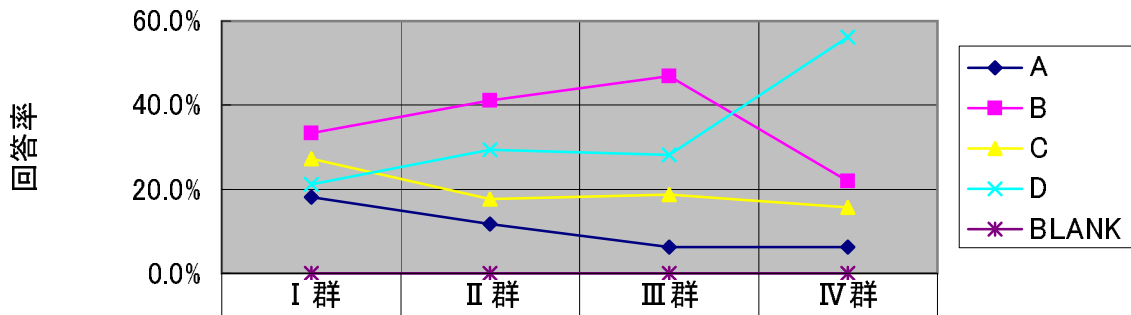
H20生物 Q39 (細胞)



正答 B

正答率74.0%

H20生物 Q40 (細胞)

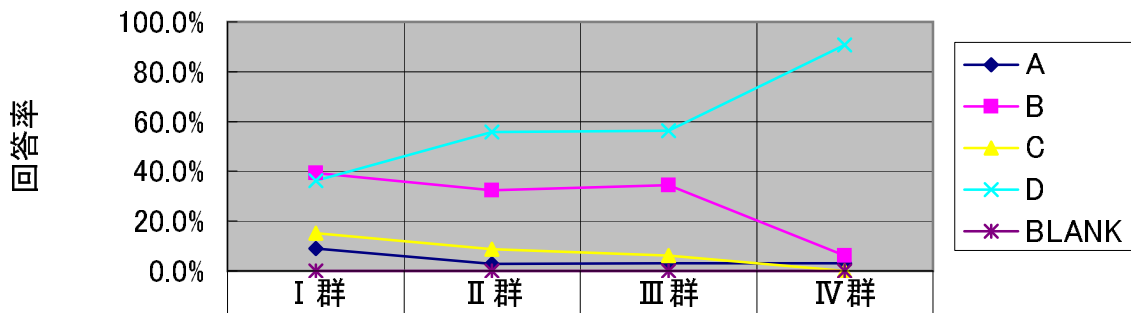


◆ A	18.2%	11.8%	6.3%	6.3%
■ B	33.3%	41.2%	46.9%	21.9%
▲ C	27.3%	17.6%	18.8%	15.6%
✕ D	21.2%	29.4%	28.1%	56.3%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

正答 D

正答率33.6%

H20生物 Q41 (細胞)

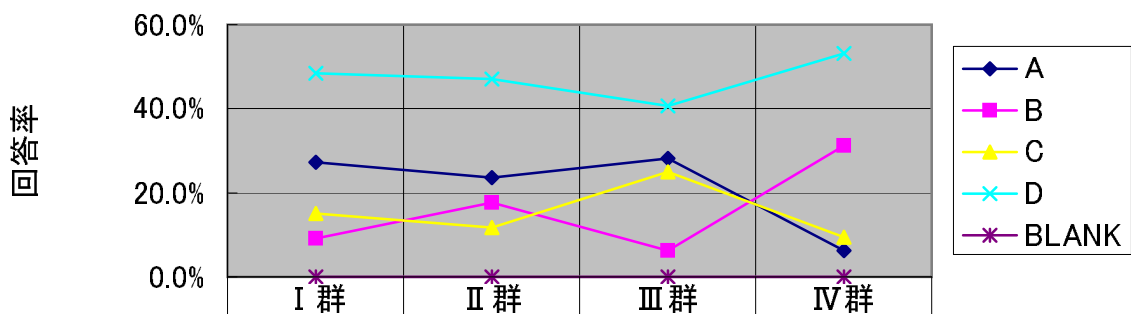


◆ A	9.1%	2.9%	3.1%	3.1%
■ B	39.4%	32.4%	34.4%	6.3%
▲ C	15.2%	8.8%	6.3%	0.0%
✕ D	36.4%	55.9%	56.3%	90.6%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

正答 D

正答率59.5%

H20生物 Q42 (細胞)

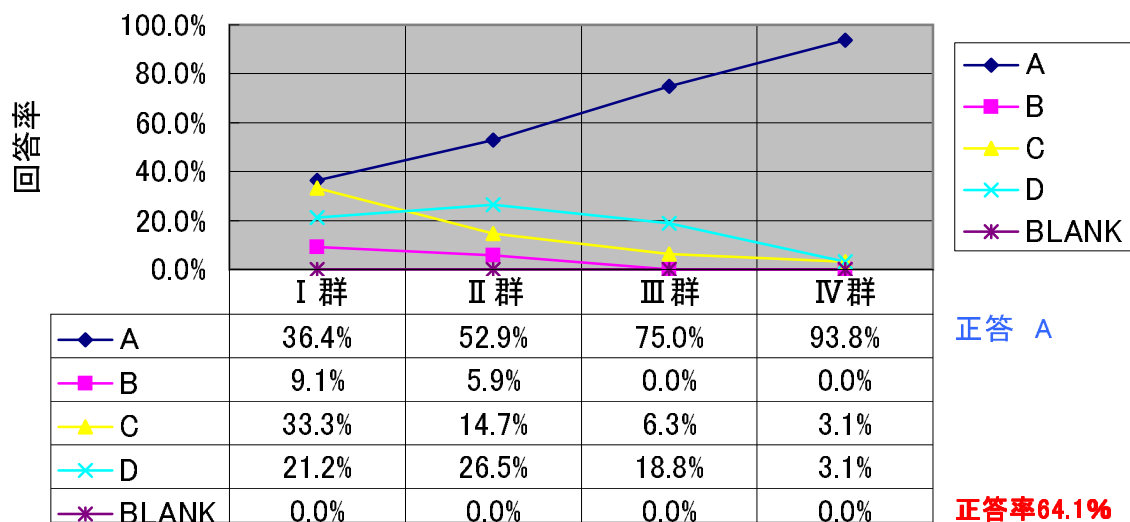


◆ A	27.3%	23.5%	28.1%	6.3%
■ B	9.1%	17.6%	6.3%	31.3%
▲ C	15.2%	11.8%	25.0%	9.4%
✕ D	48.5%	47.1%	40.6%	53.1%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

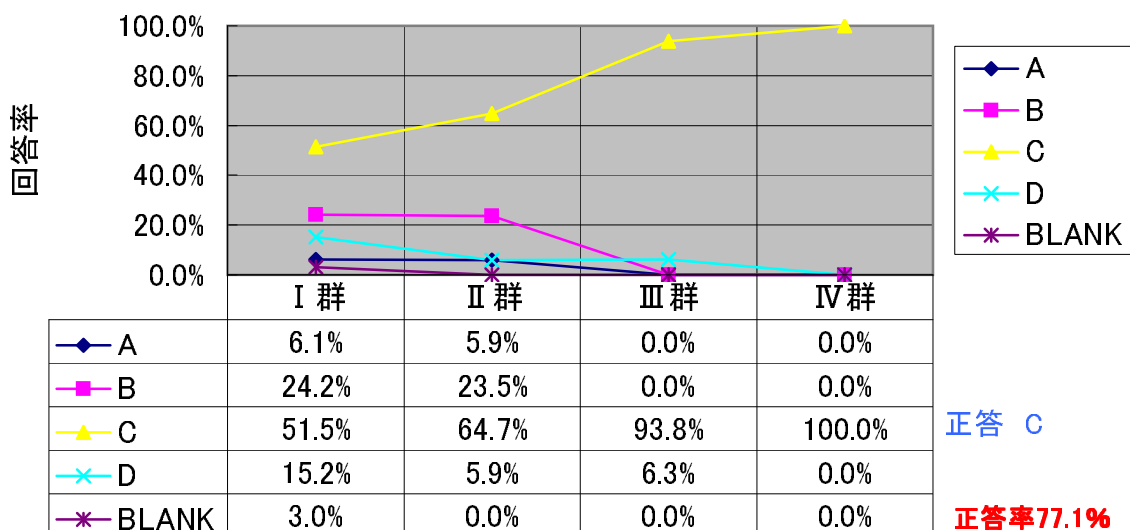
正答 B

正答率16.0%

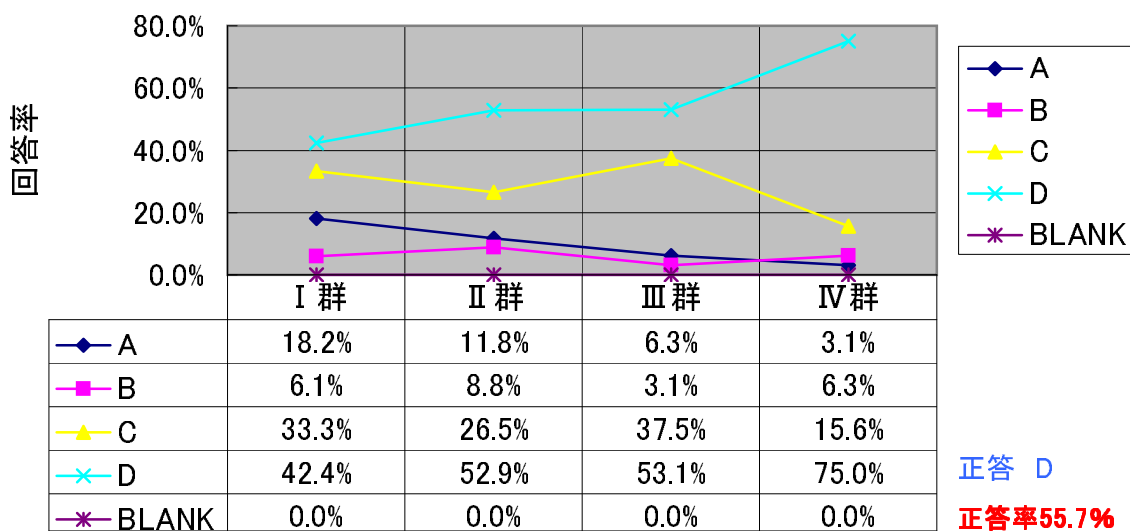
H20生物 Q43 (細胞)



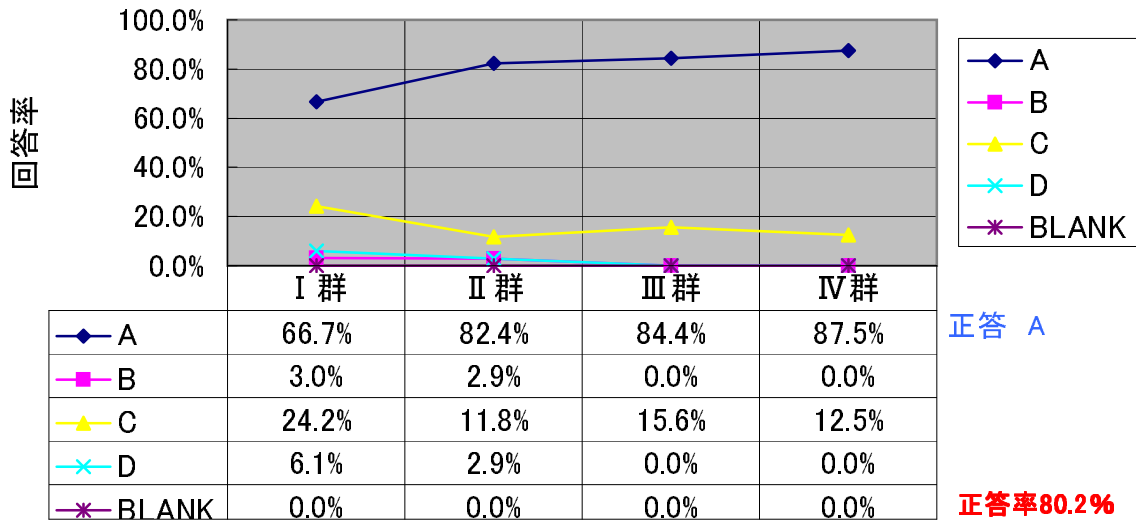
H20生物 Q44 (細胞)



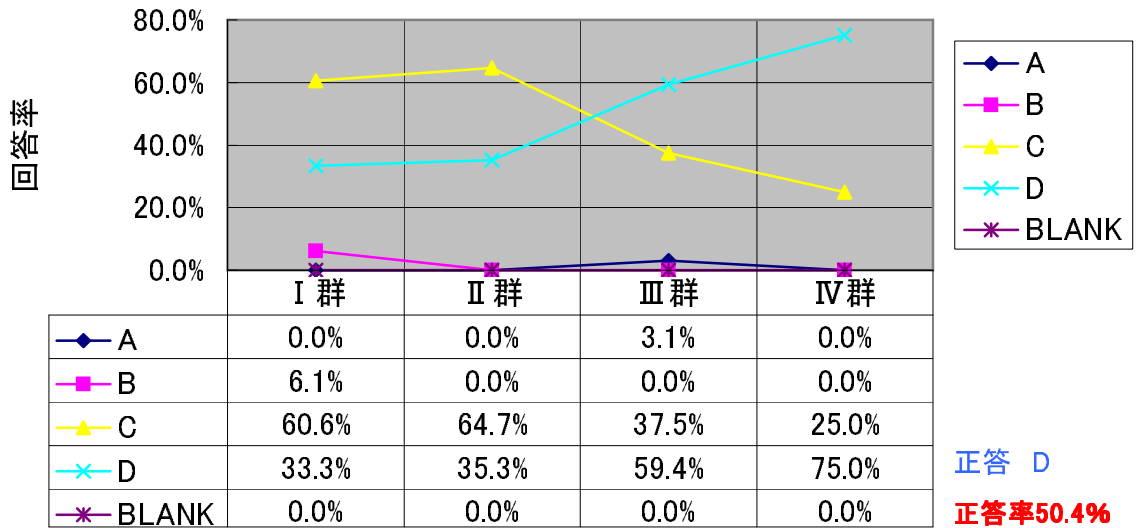
H20生物 Q45 (生体)



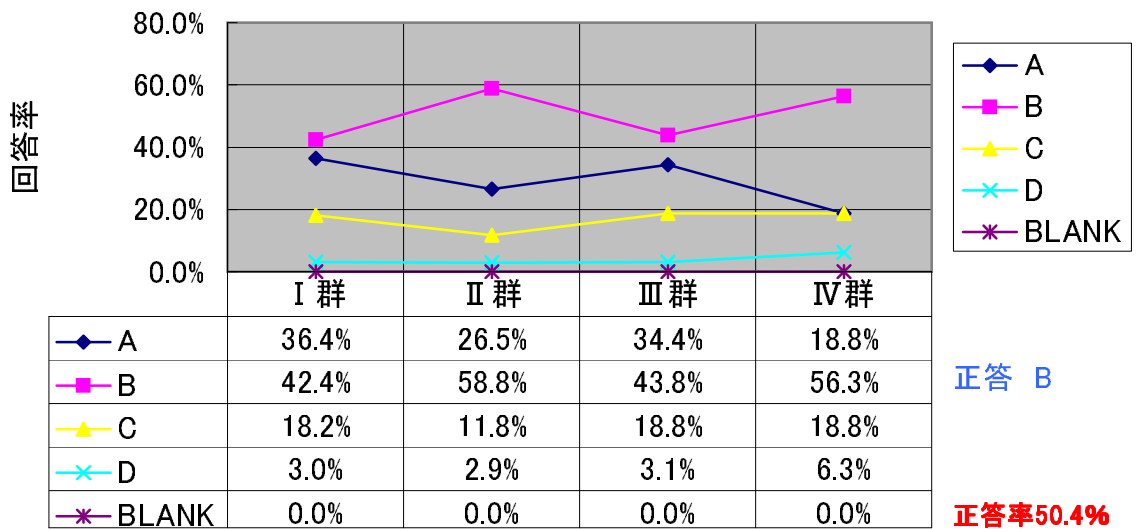
H20生物 Q46



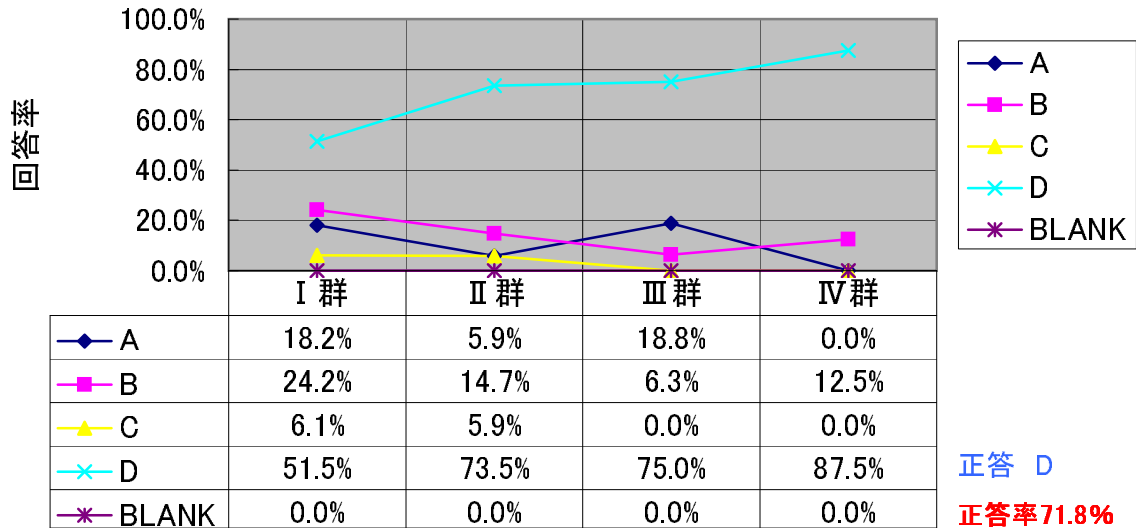
H20生物 Q47 (生体)



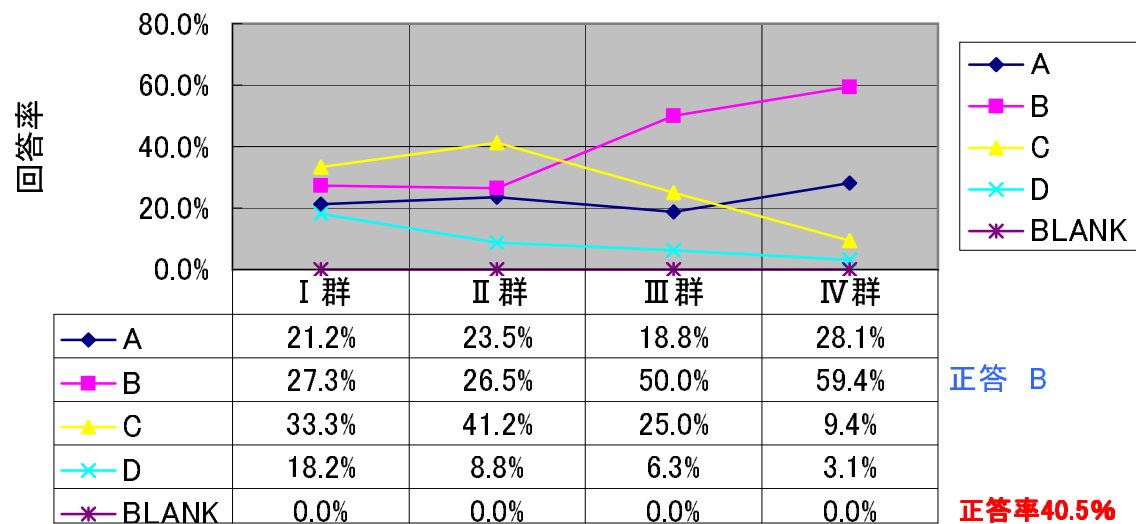
H20生物 Q48 (生体)



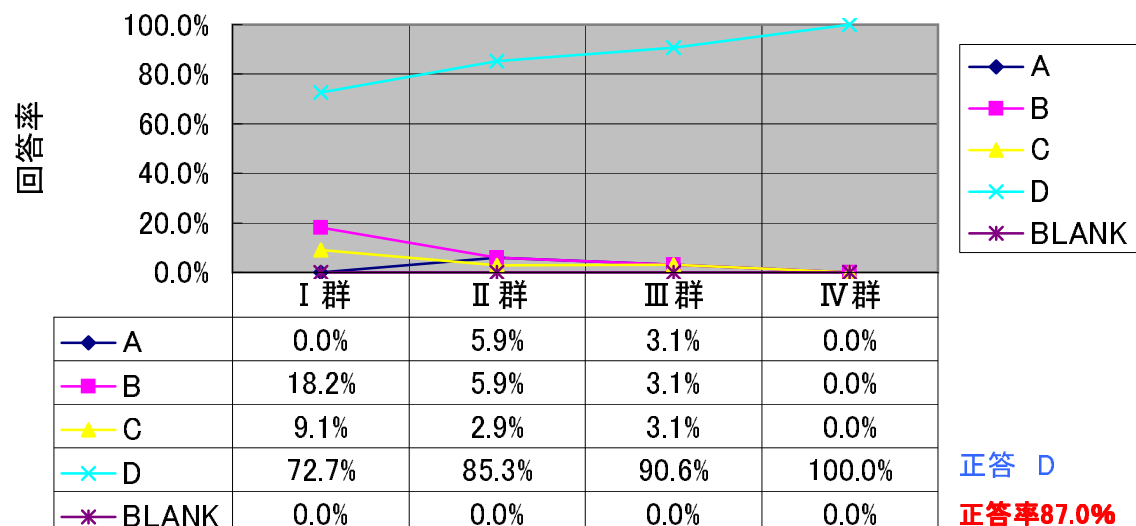
H20生物 Q49 (生体)



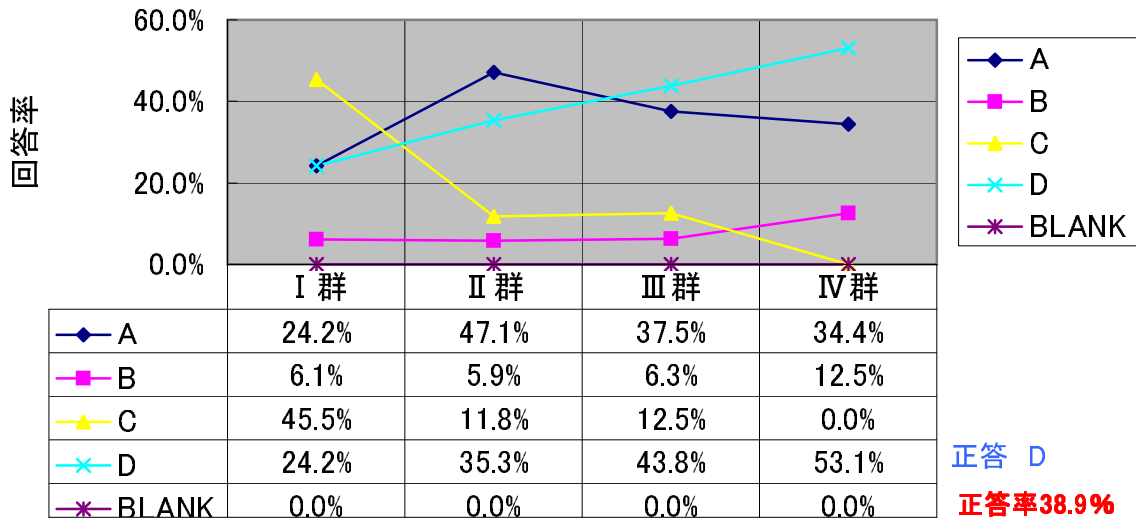
H20生物 Q50 (生体)



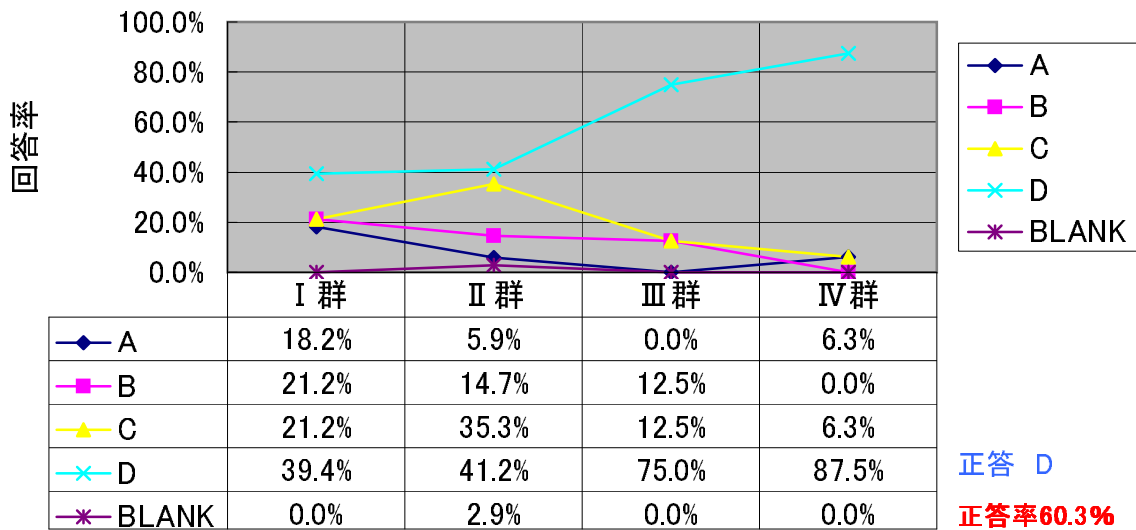
H20生物 Q51 (生体)



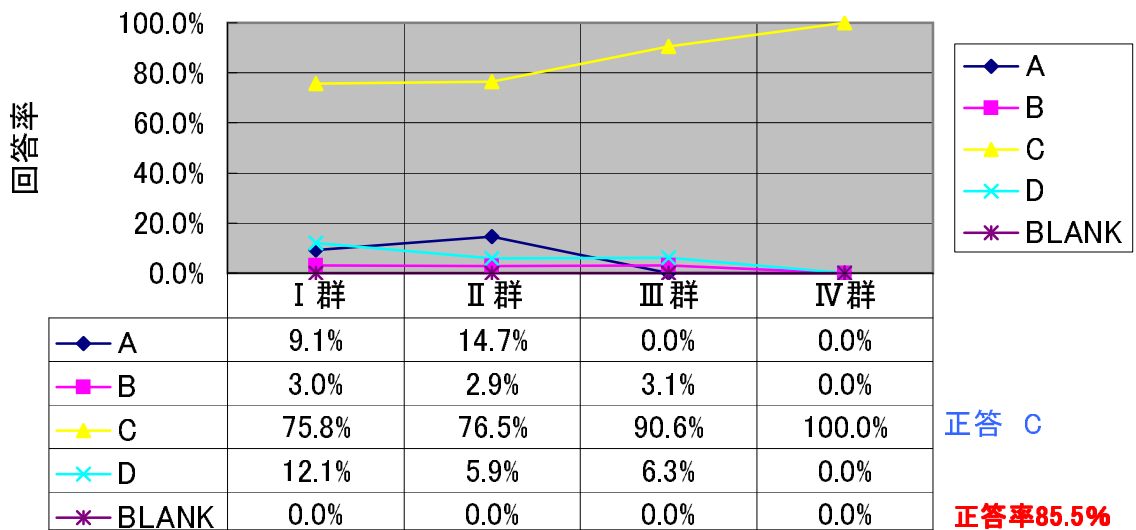
H20生物 Q52 (生体)



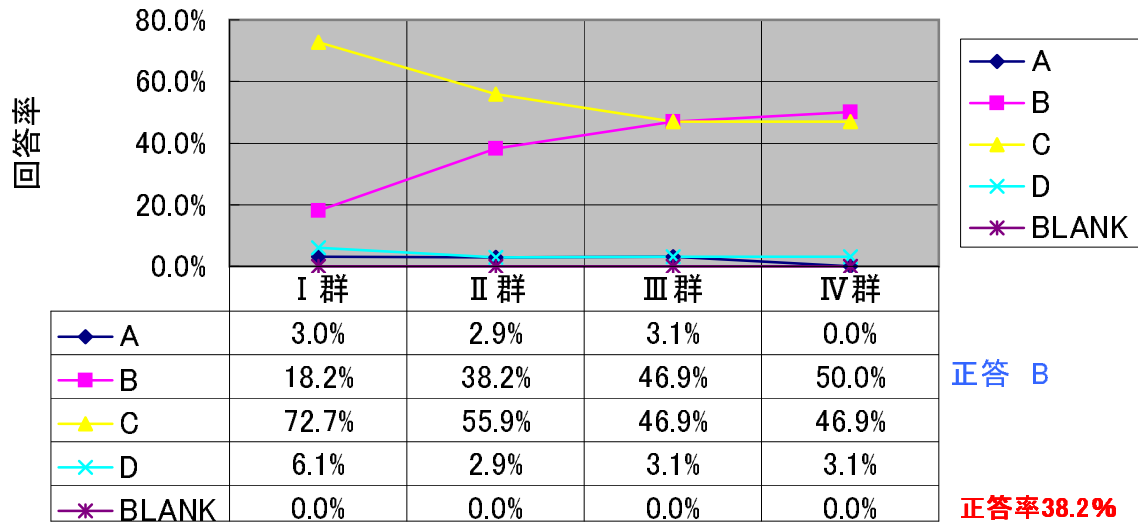
H20生物 Q53 (生体)



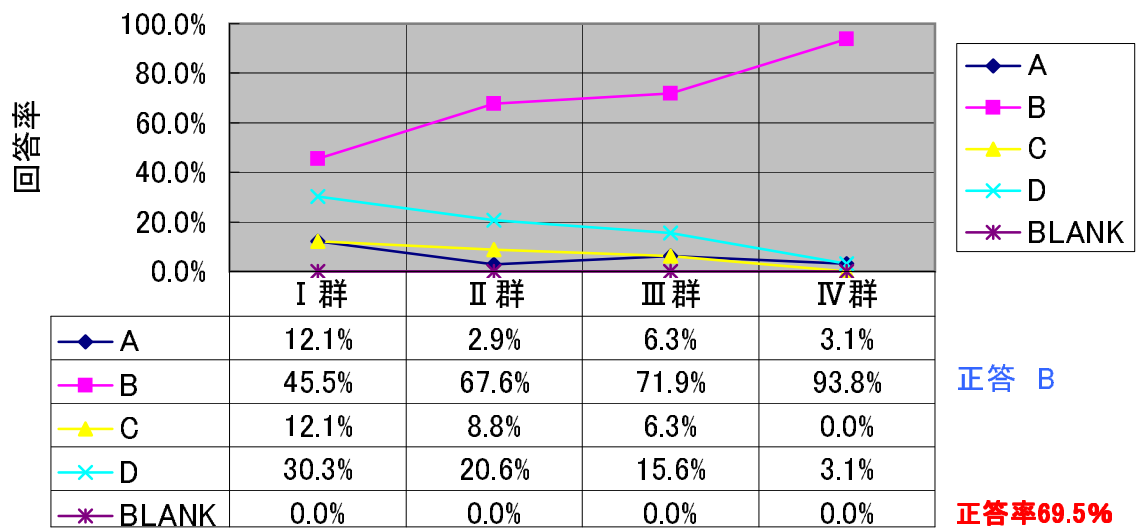
H20生物 Q54 (生体)



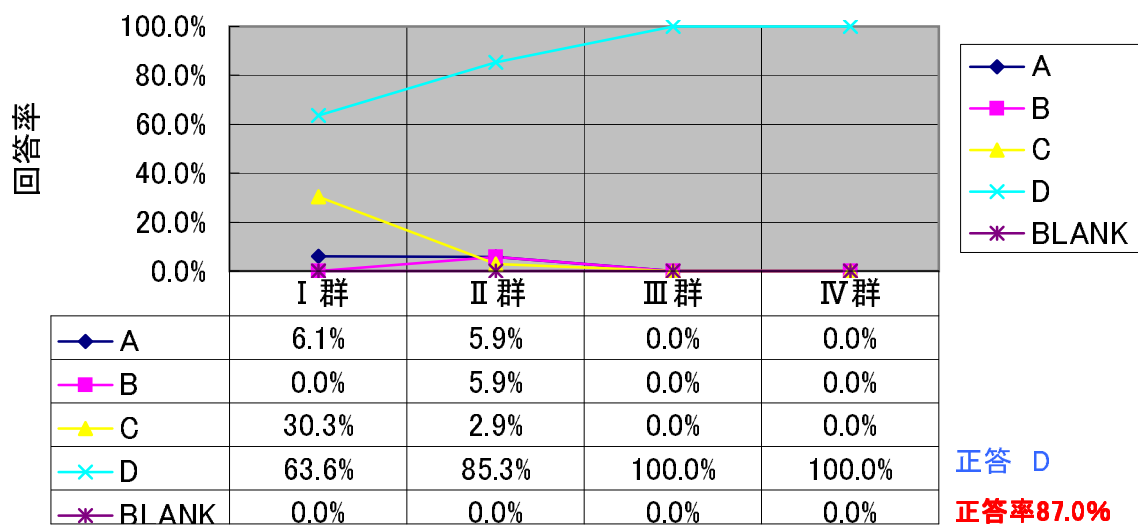
H20生物 Q55 (生体)



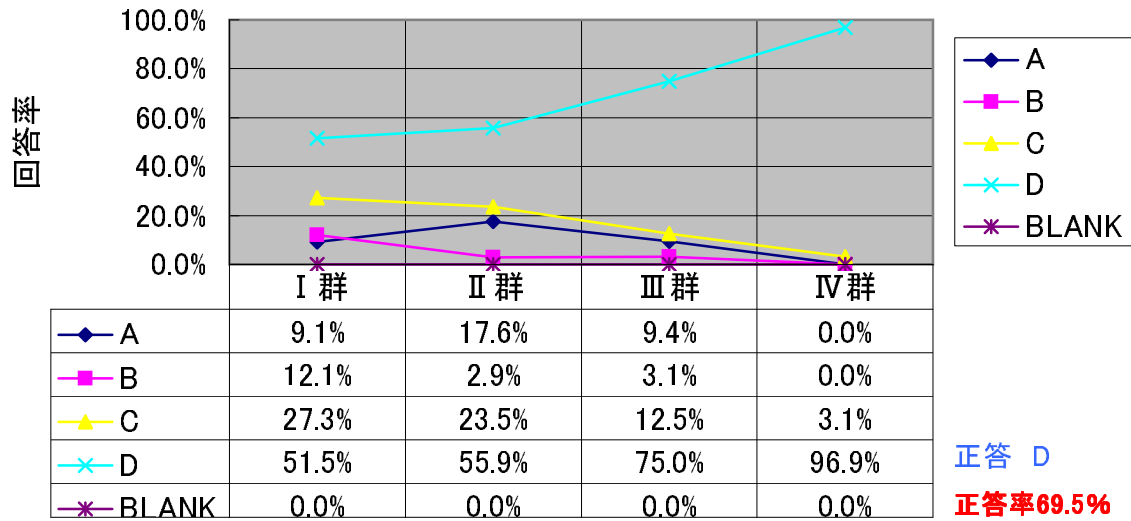
H20生物 Q56 (生体)



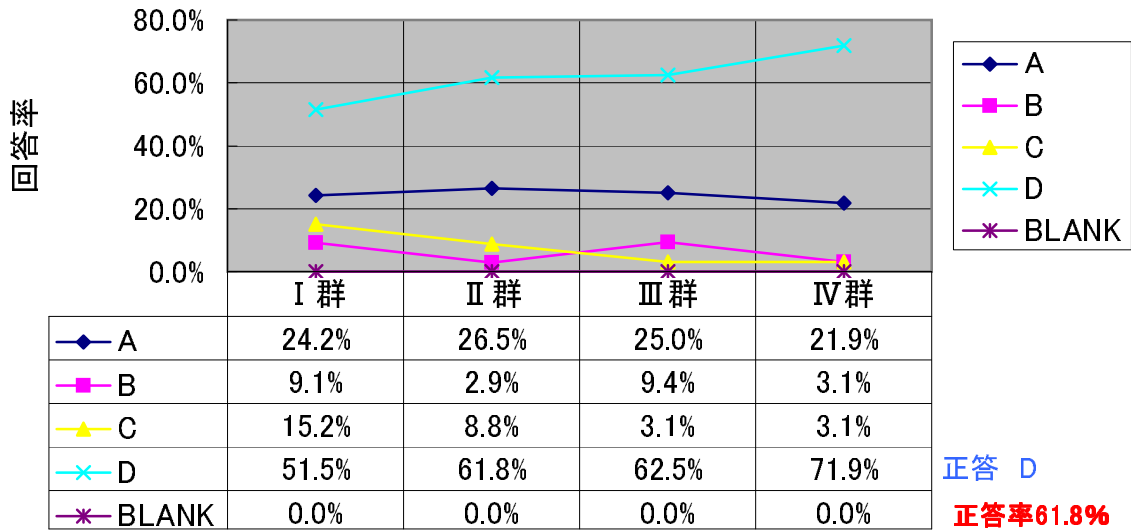
H20生物 Q57 (生体)



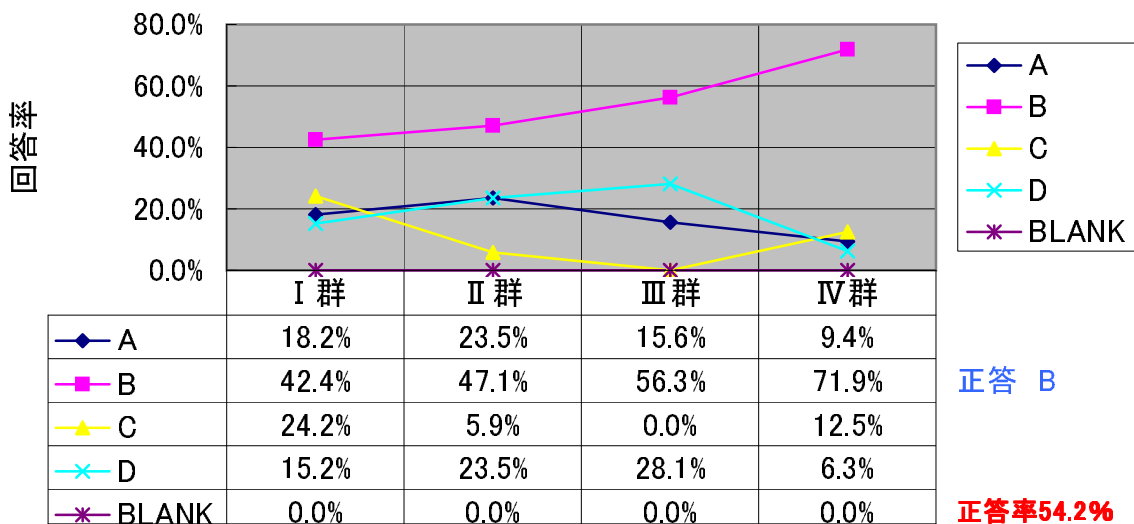
H20生物 Q58 (生体)



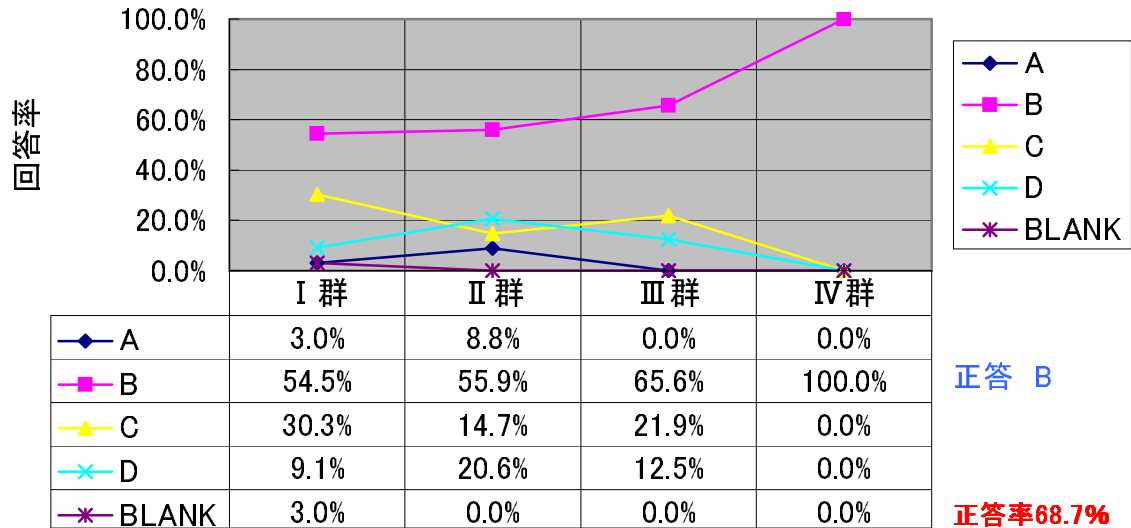
H20生物 Q59 (生体)



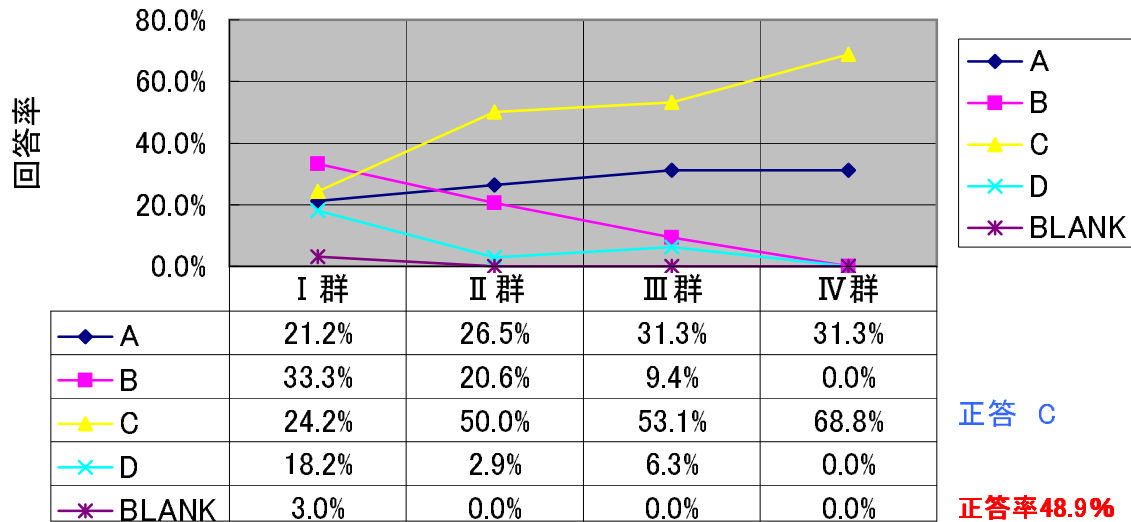
H20生物 Q60 (生体)



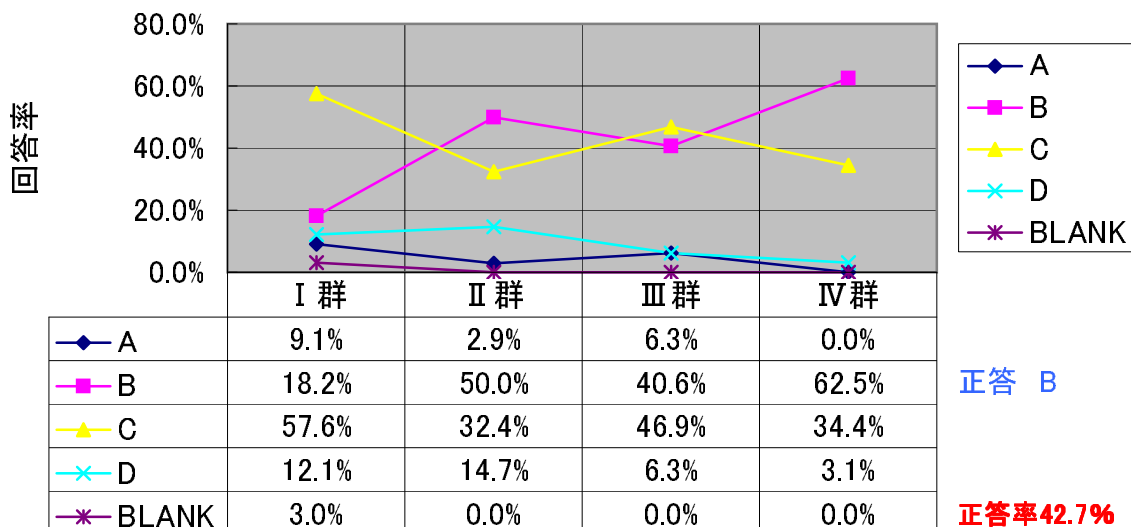
H20生物 Q61 (生体)



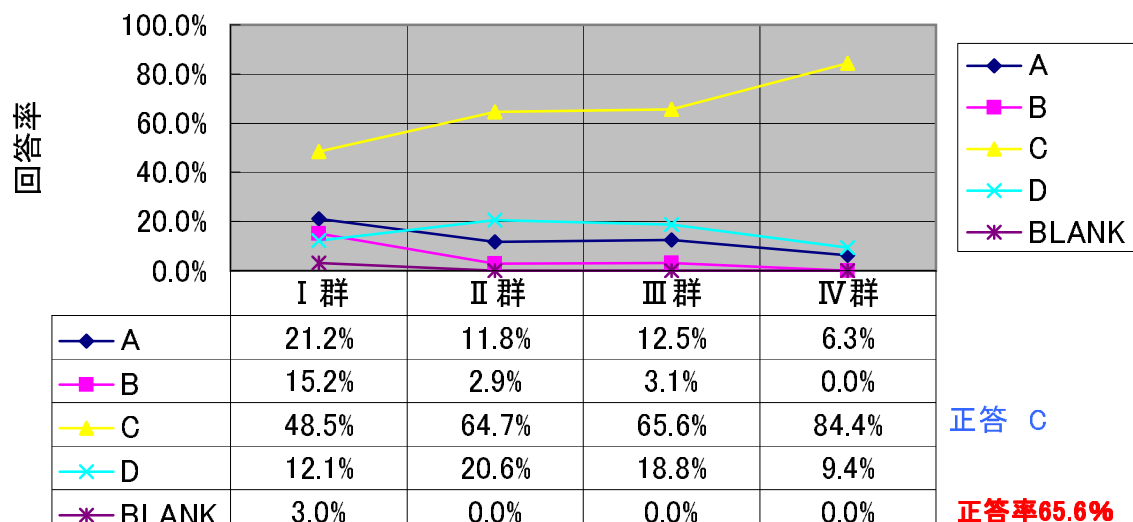
H20生物 Q62 (生体)



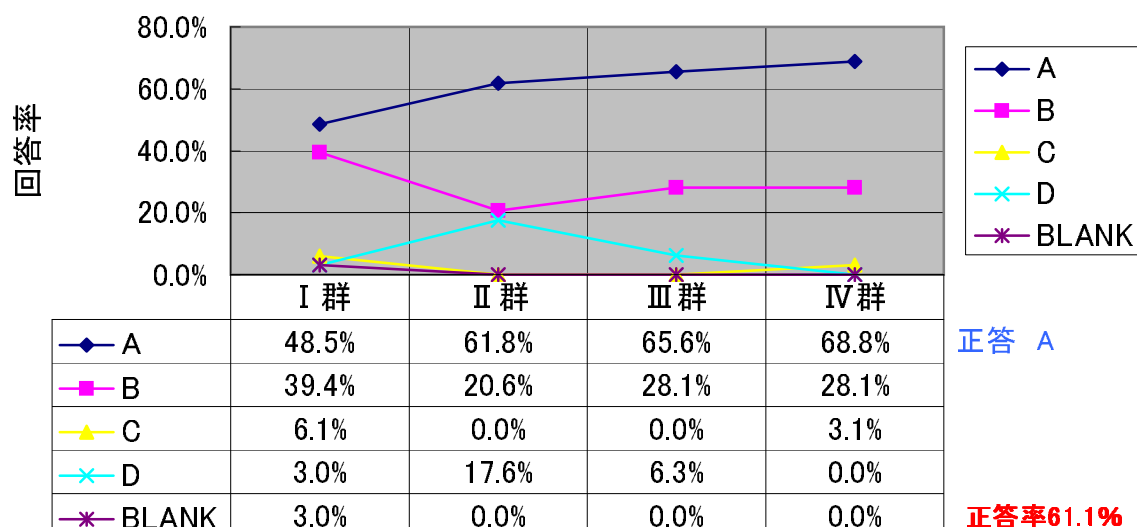
H20生物 Q63 (生体)



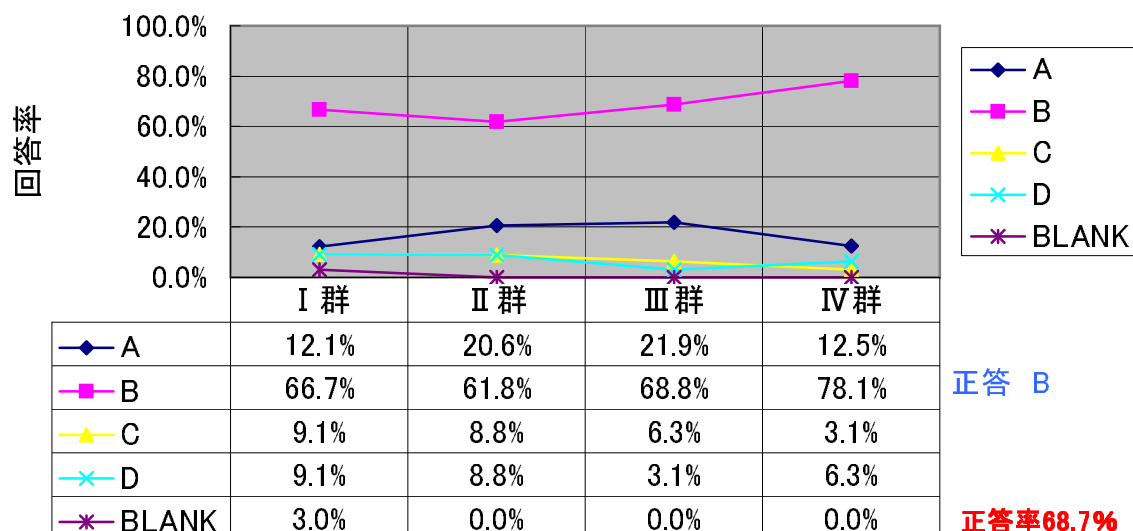
H20生物 Q64 (生体)



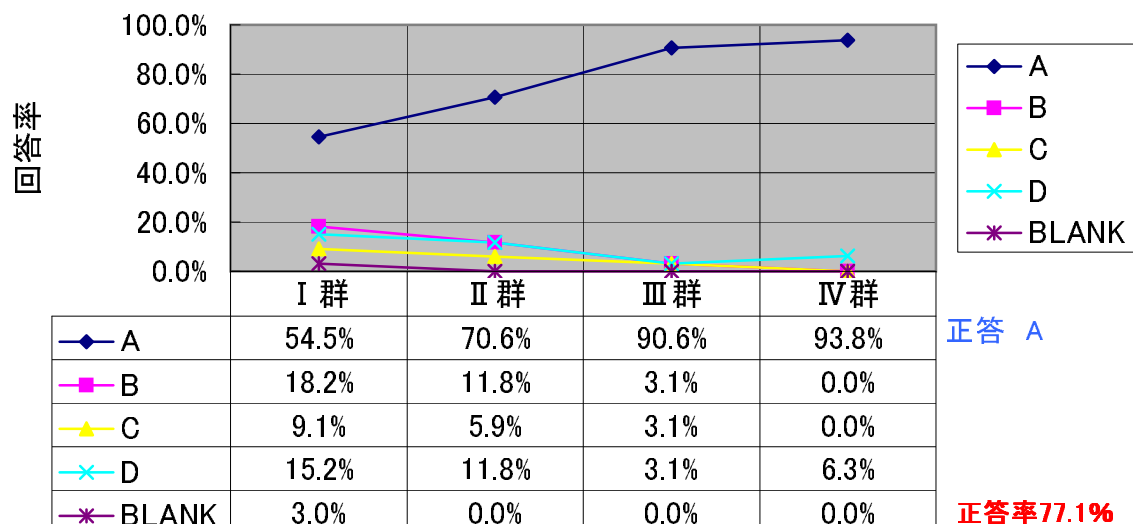
H20生物 Q65 (生体)



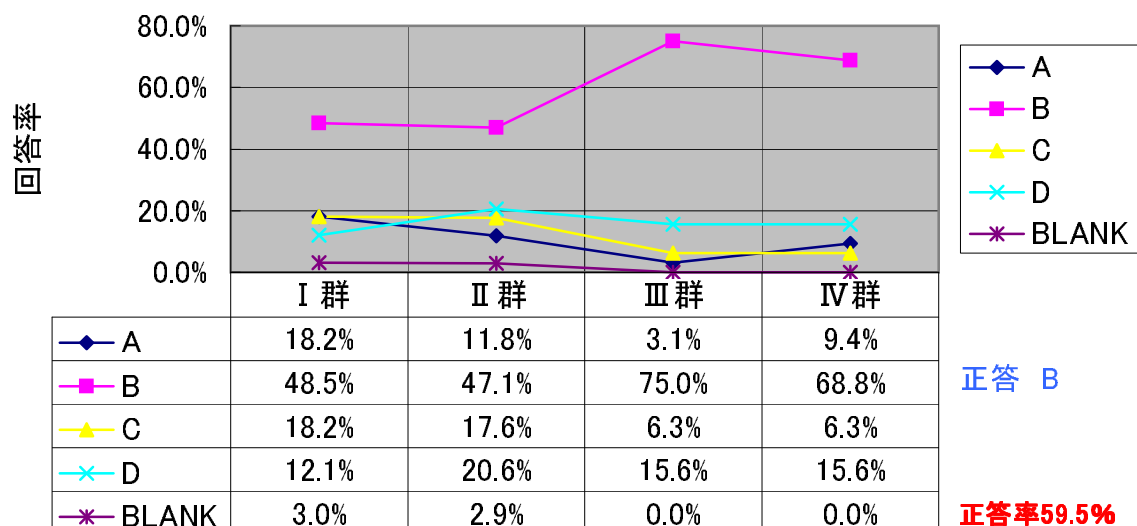
H20生物 Q66 (生体)



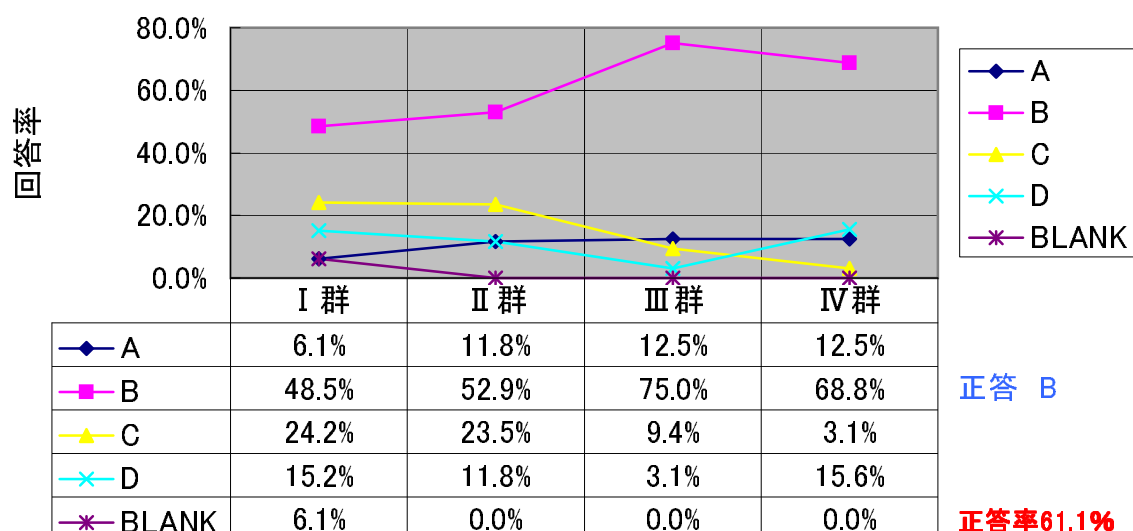
H20生物 Q67 (生体)



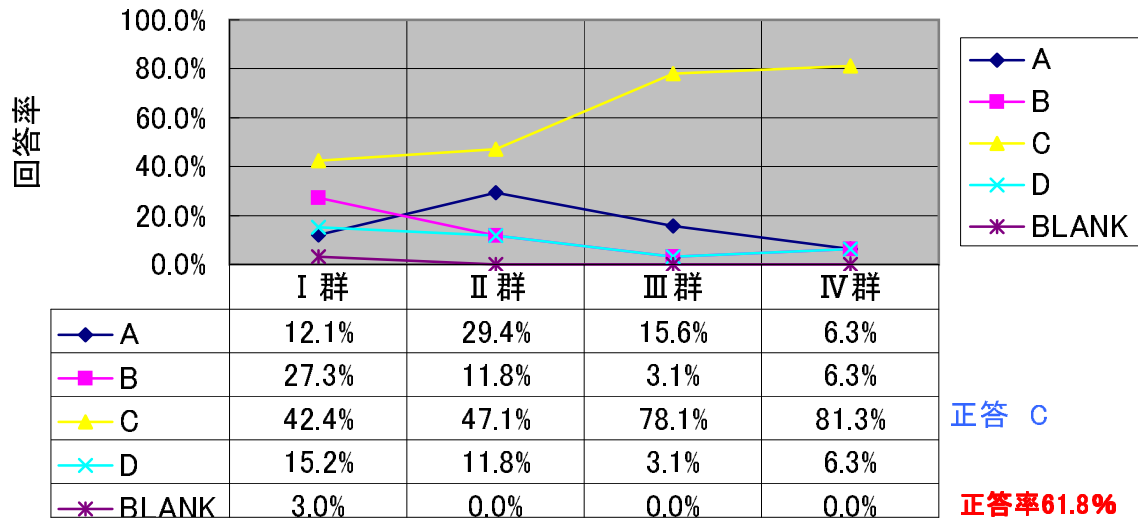
H20生物 Q68 (生体)



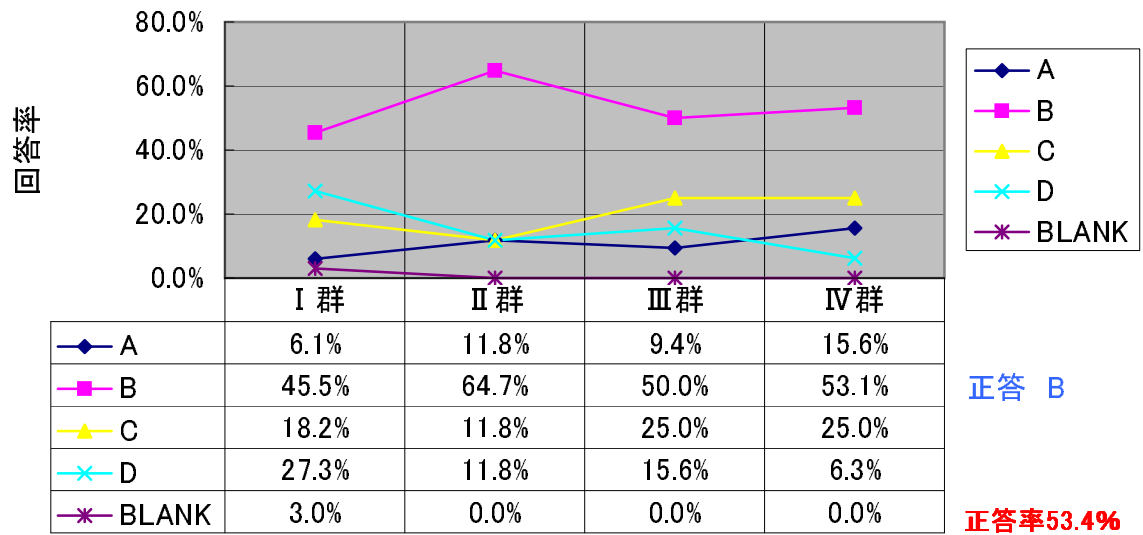
H20生物 Q69 (生体)



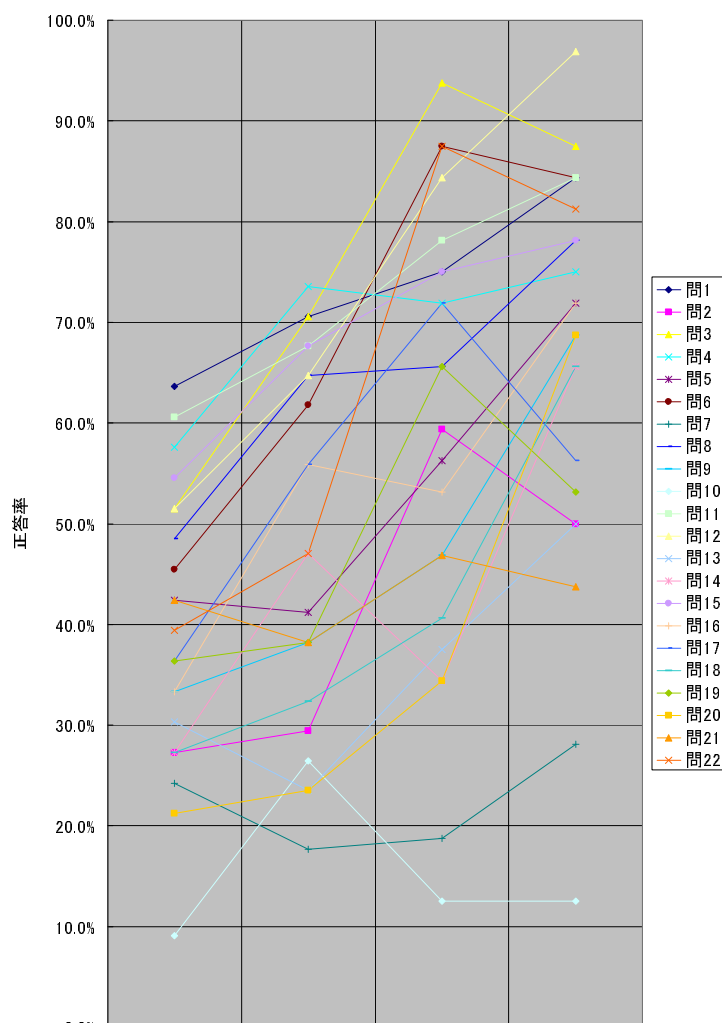
H20生物 Q70 (生体)



H20生物 Q71 (生体)

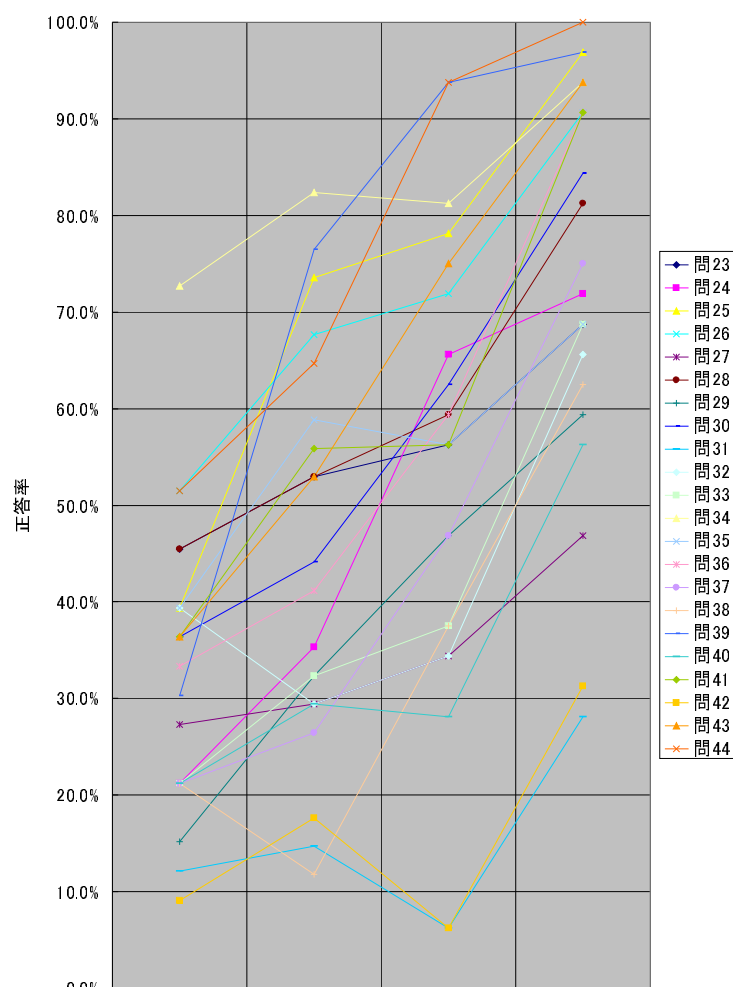


H20生物(遺伝子)



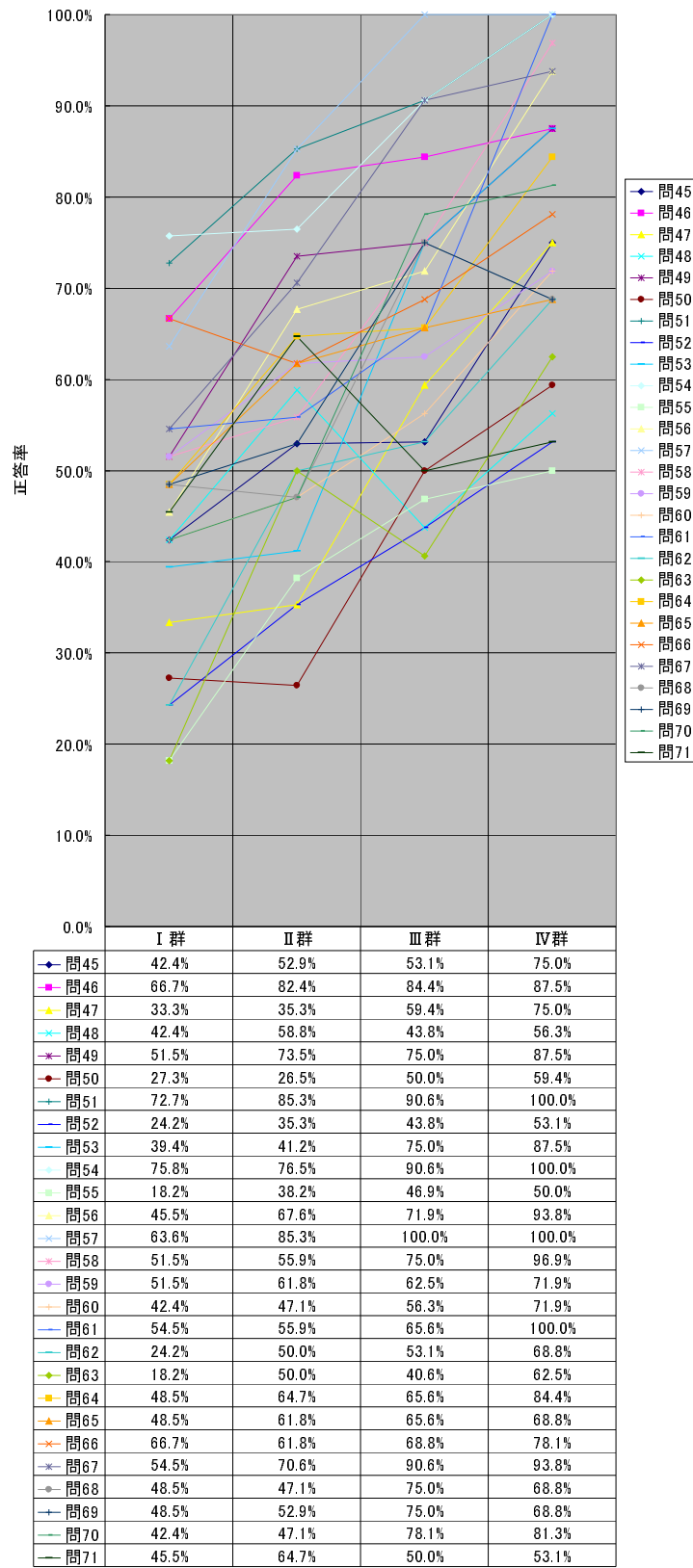
	I群	II群	III群	IV群
問1	63.6%	70.6%	75.0%	84.4%
問2	27.3%	29.4%	59.4%	50.0%
問3	51.5%	70.6%	93.8%	87.5%
問4	57.6%	73.5%	71.9%	75.0%
問5	42.4%	41.2%	56.3%	71.9%
問6	45.5%	61.8%	87.5%	84.4%
問7	24.2%	17.6%	18.8%	28.1%
問8	48.5%	64.7%	65.6%	78.1%
問9	33.3%	38.2%	46.9%	68.8%
問10	9.1%	26.5%	12.5%	12.5%
問11	60.6%	67.6%	78.1%	84.4%
問12	51.5%	64.7%	84.4%	96.9%
問13	30.3%	23.5%	37.5%	50.0%
問14	27.3%	47.1%	34.4%	65.6%
問15	54.5%	67.6%	75.0%	78.1%
問16	33.3%	55.9%	53.1%	71.9%
問17	36.4%	55.9%	71.9%	56.3%
問18	27.3%	32.4%	40.6%	65.6%
問19	36.4%	38.2%	65.6%	53.1%
問20	21.2%	23.5%	34.4%	68.8%
問21	42.4%	38.2%	46.9%	43.8%
問22	39.4%	47.1%	87.5%	81.3%

H20生物(細胞)

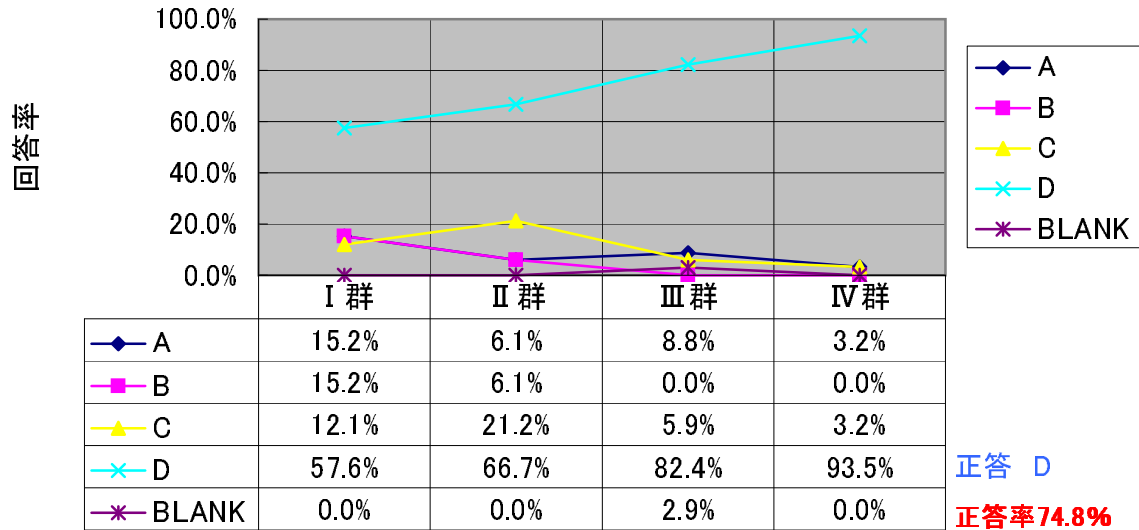


	I 群	II 群	III 群	IV 群
問23	45.5%	52.9%	56.3%	68.8%
問24	21.2%	35.3%	65.6%	71.9%
問25	39.4%	73.5%	78.1%	96.9%
問26	51.5%	67.6%	71.9%	90.6%
問27	27.3%	29.4%	34.4%	46.9%
問28	45.5%	52.9%	59.4%	81.3%
問29	15.2%	32.4%	46.9%	59.4%
問30	36.4%	44.1%	62.5%	84.4%
問31	12.1%	14.7%	6.3%	28.1%
問32	39.4%	29.4%	34.4%	65.6%
問33	21.2%	32.4%	37.5%	68.8%
問34	72.7%	82.4%	81.3%	93.8%
問35	39.4%	58.8%	56.3%	68.8%
問36	33.3%	41.2%	59.4%	90.6%
問37	21.2%	26.5%	46.9%	75.0%
問38	21.2%	11.8%	37.5%	62.5%
問39	30.3%	76.5%	93.8%	96.9%
問40	21.2%	29.4%	28.1%	56.3%
問41	36.4%	55.9%	56.3%	90.6%
問42	9.1%	17.6%	6.3%	31.3%
問43	36.4%	52.9%	75.0%	93.8%
問44	51.5%	64.7%	93.8%	100.0%

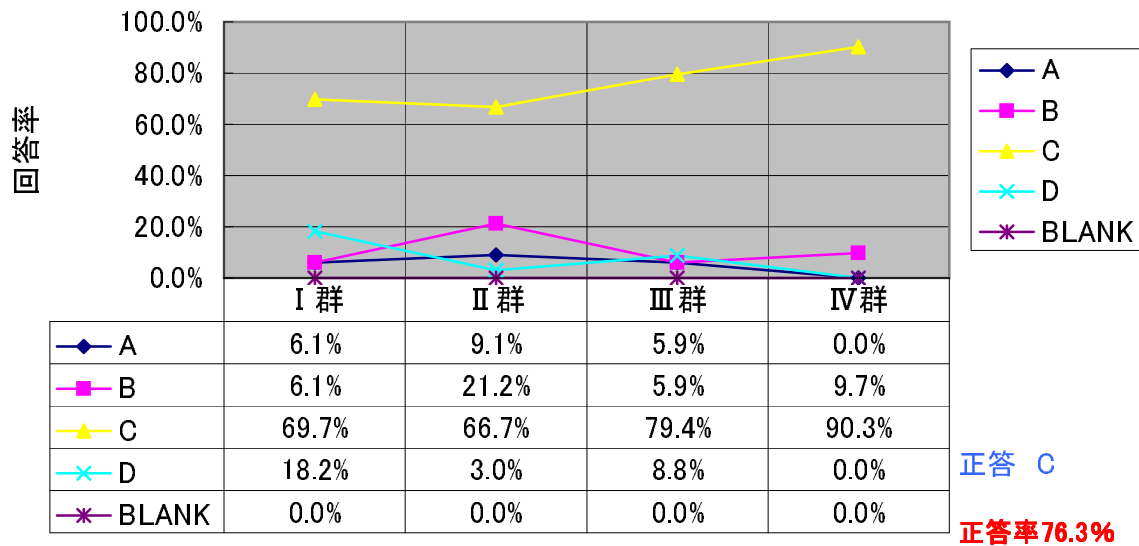
H20生物(生体)



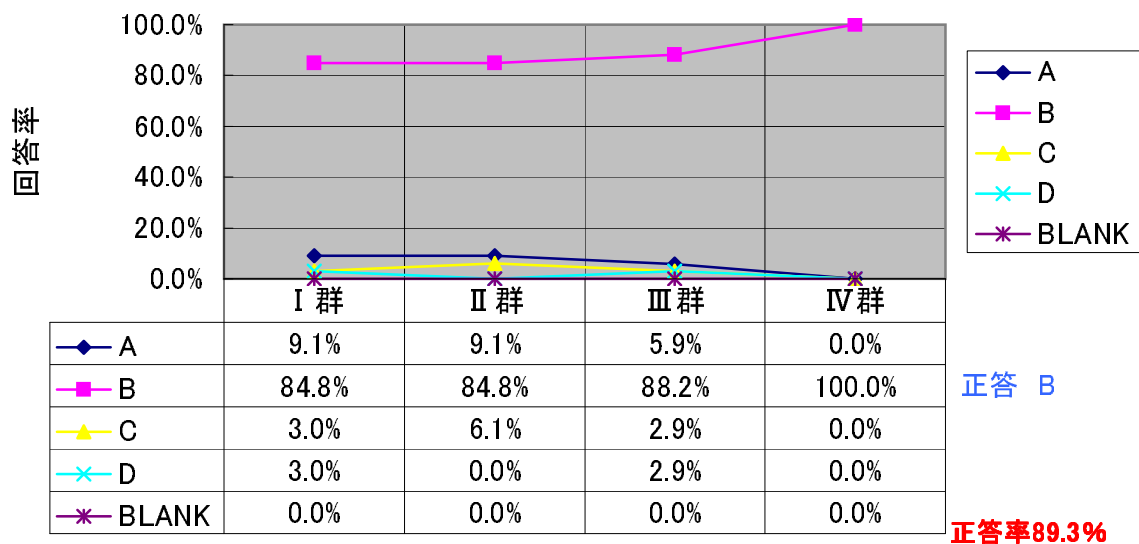
H2O化学 無機1



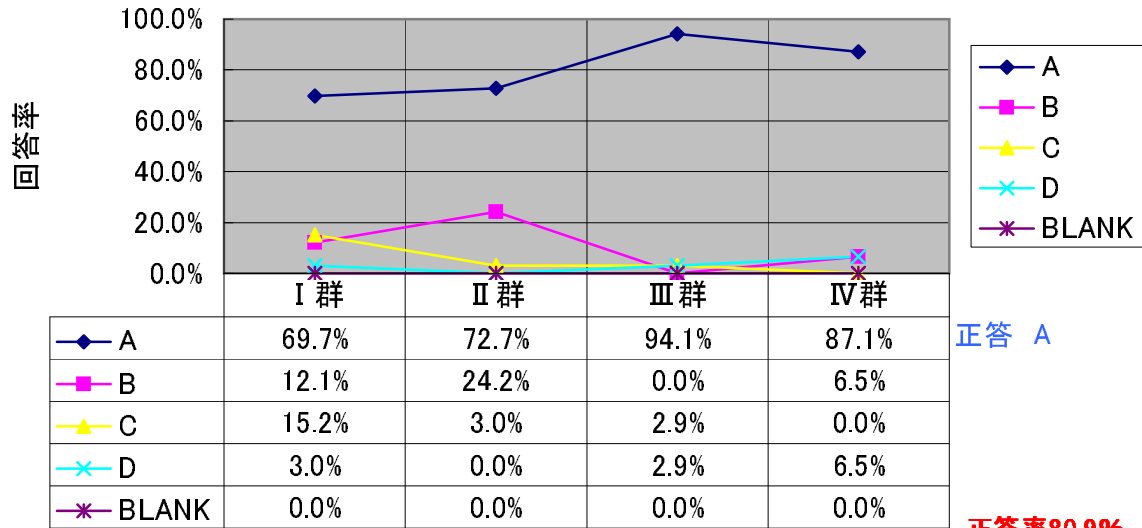
H2O化学 無機2



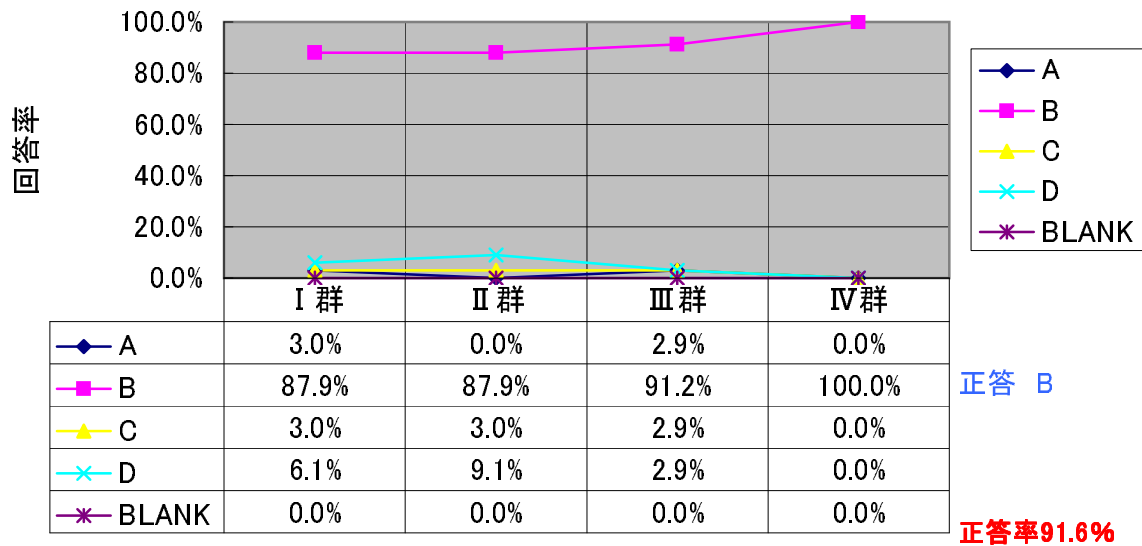
H2O化学 無機3



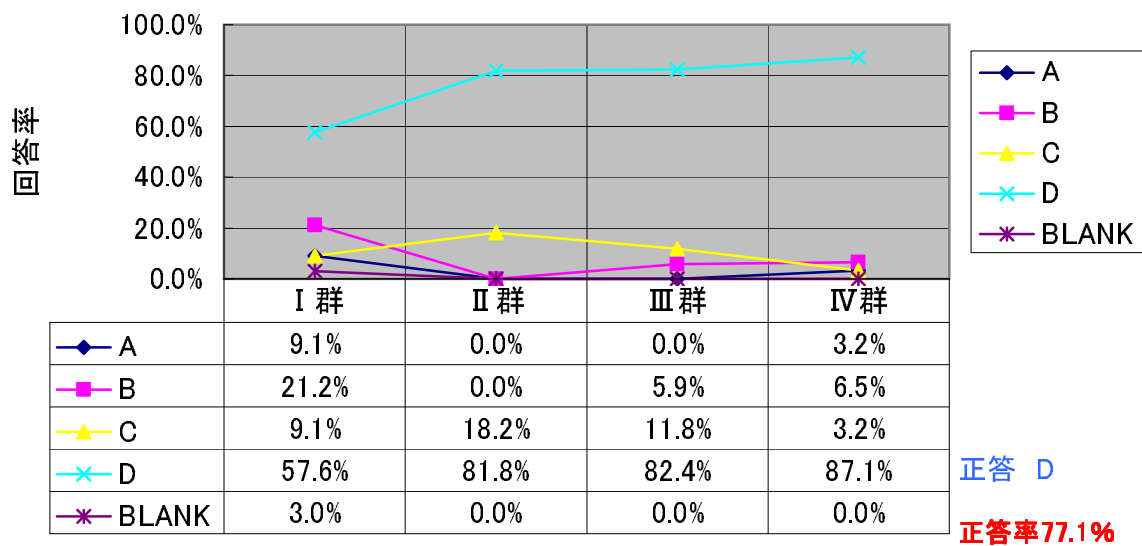
H2O化学 無機4



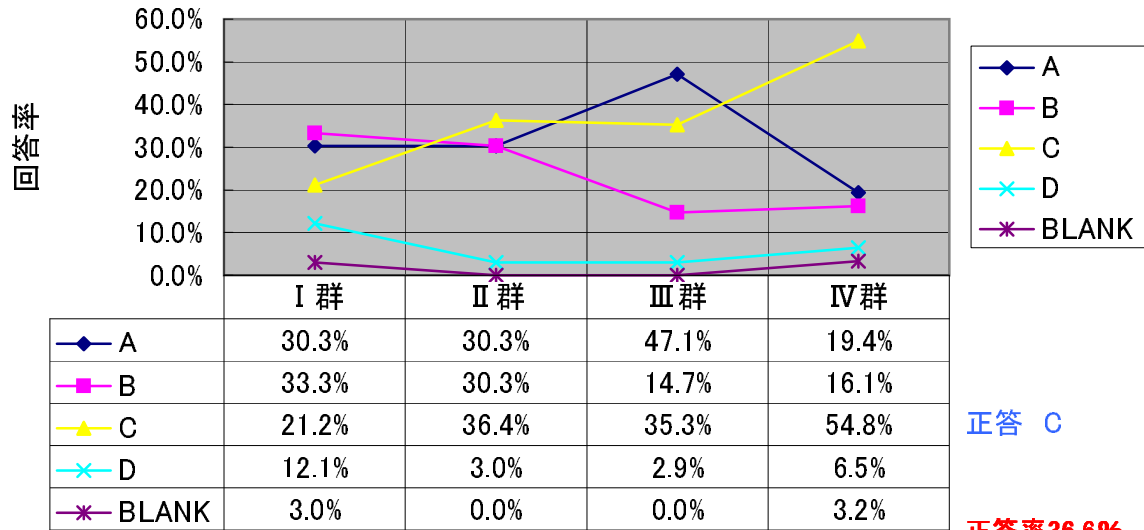
H2O化学 無機5



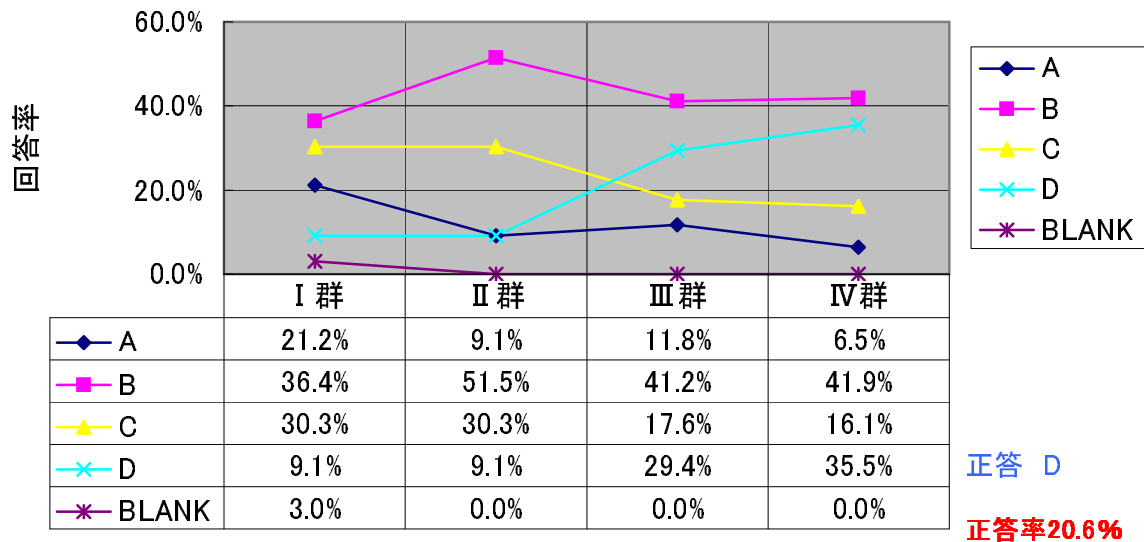
H2O化学 無機6



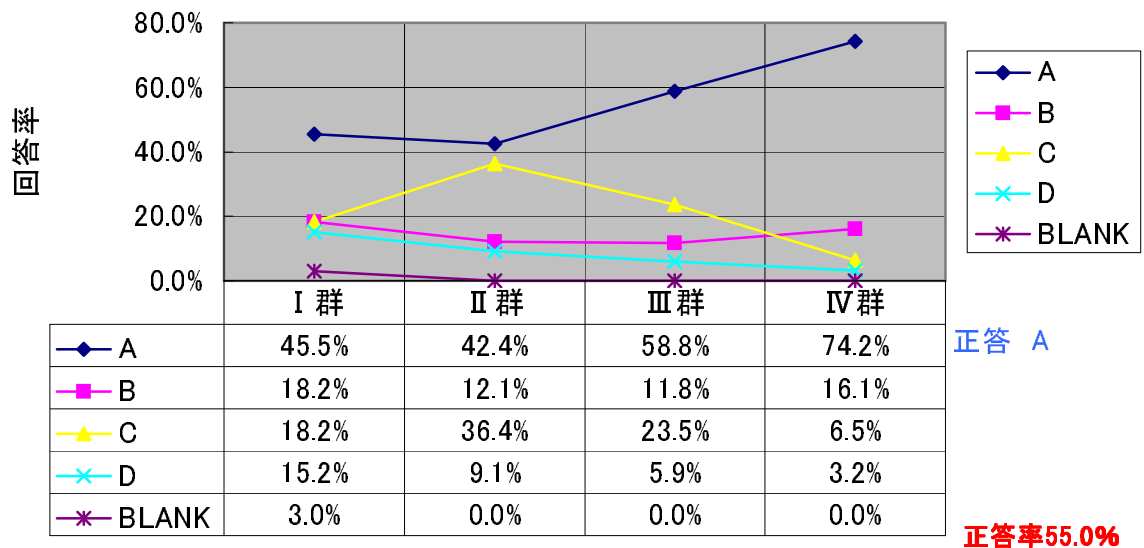
H2O化学 無機7



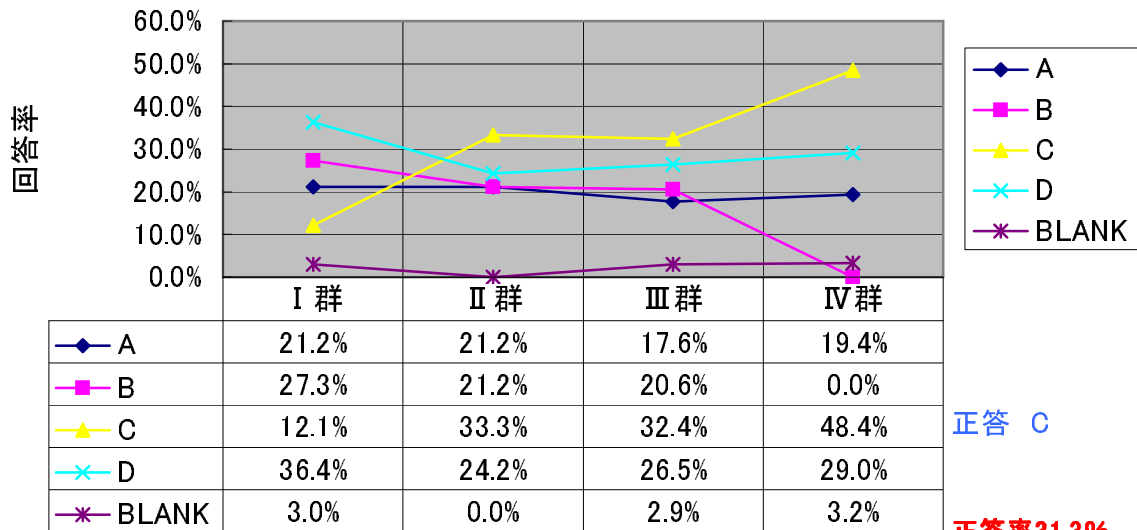
H2O化学 無機8



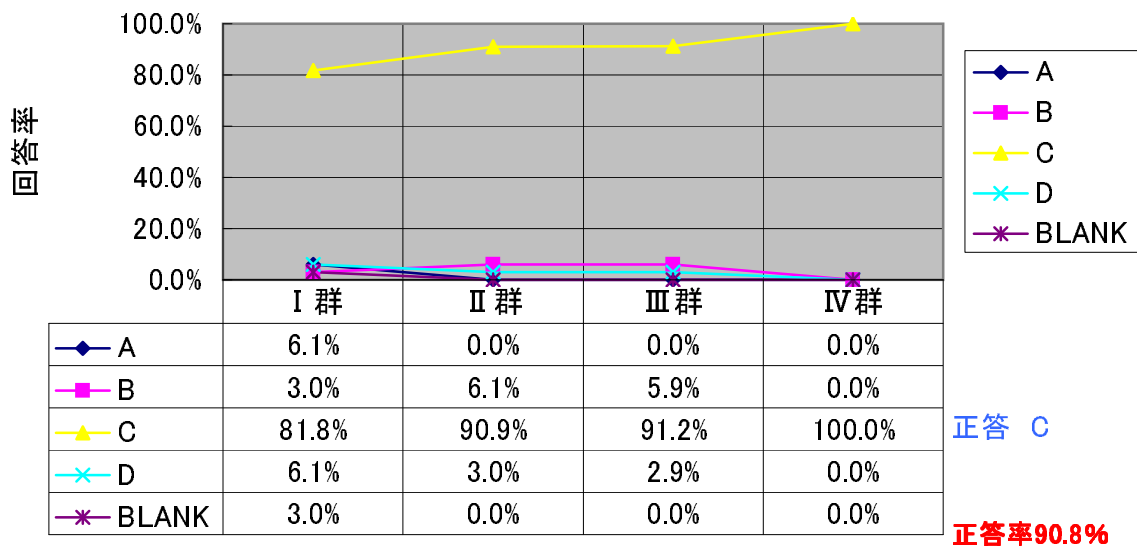
H2O化学 無機9



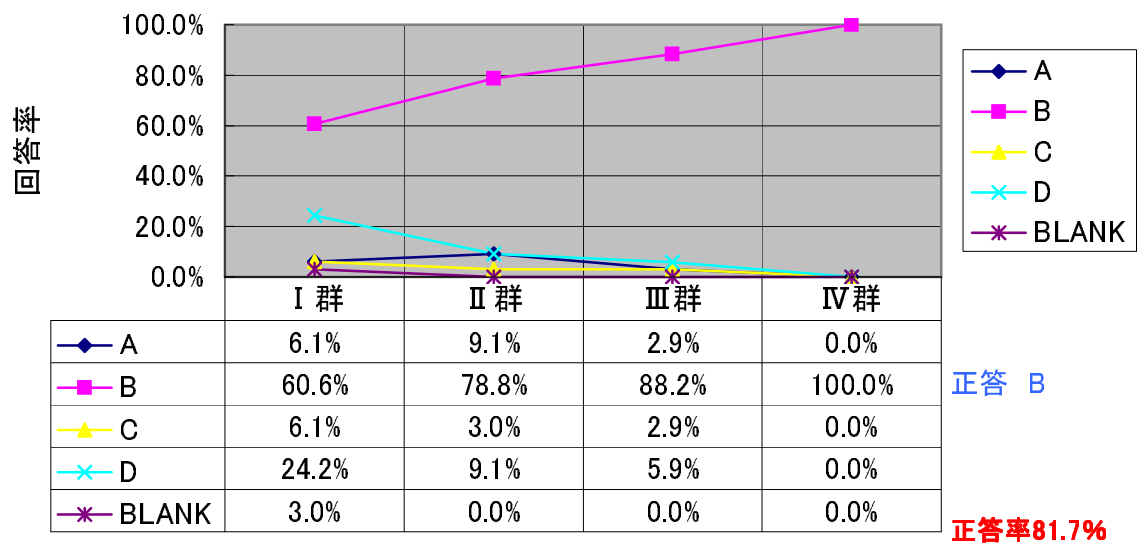
H20化学 無機10



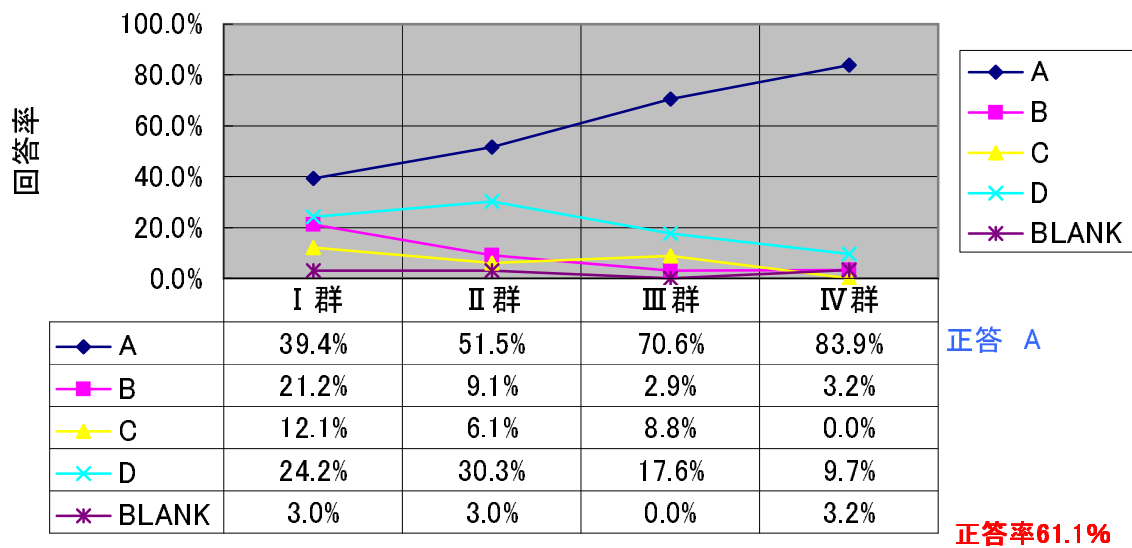
H20化学 無機11



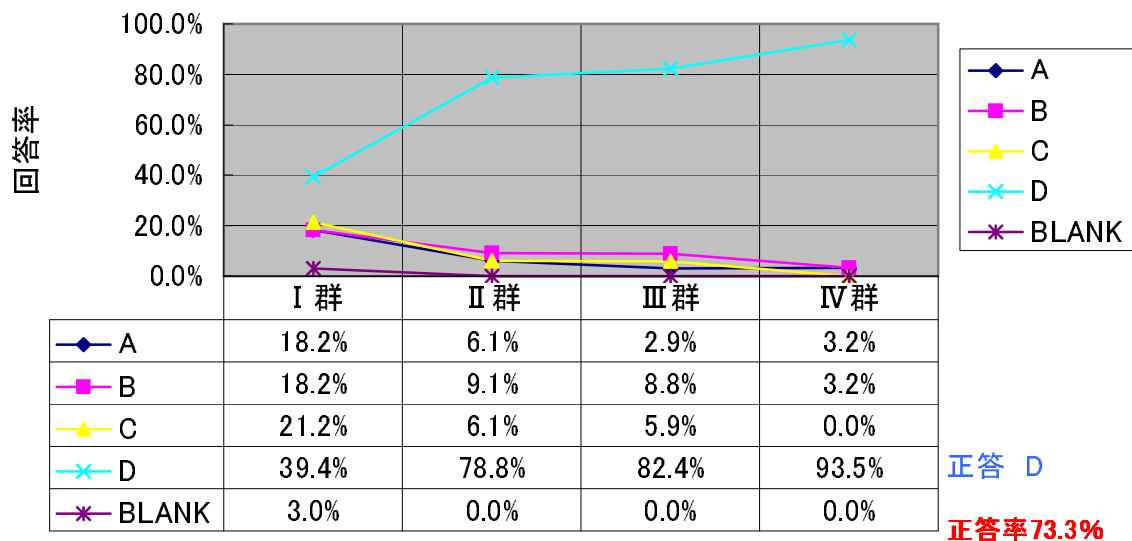
H20化学 無機12



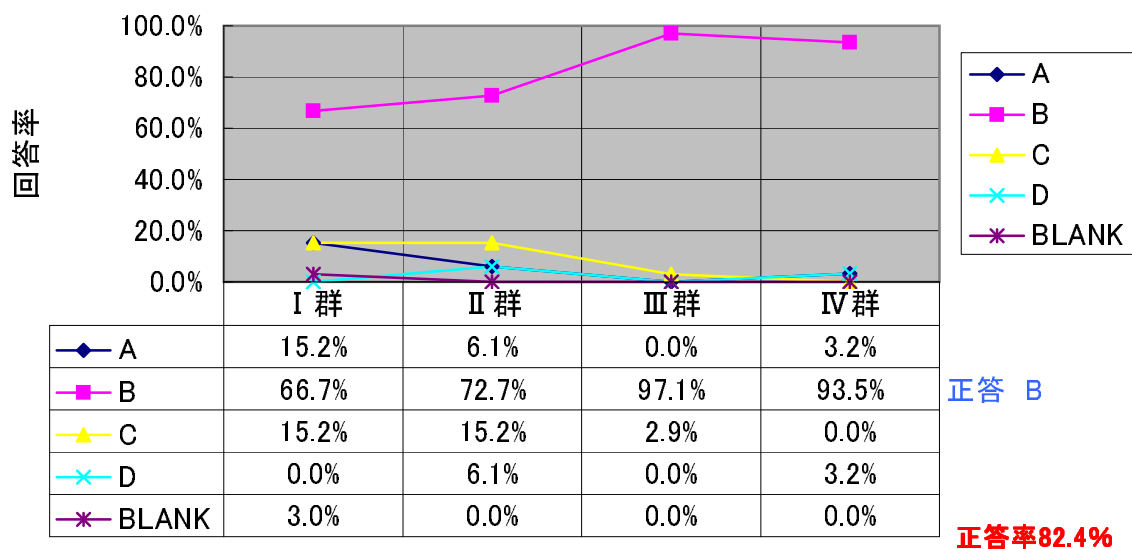
H20化学 無機13



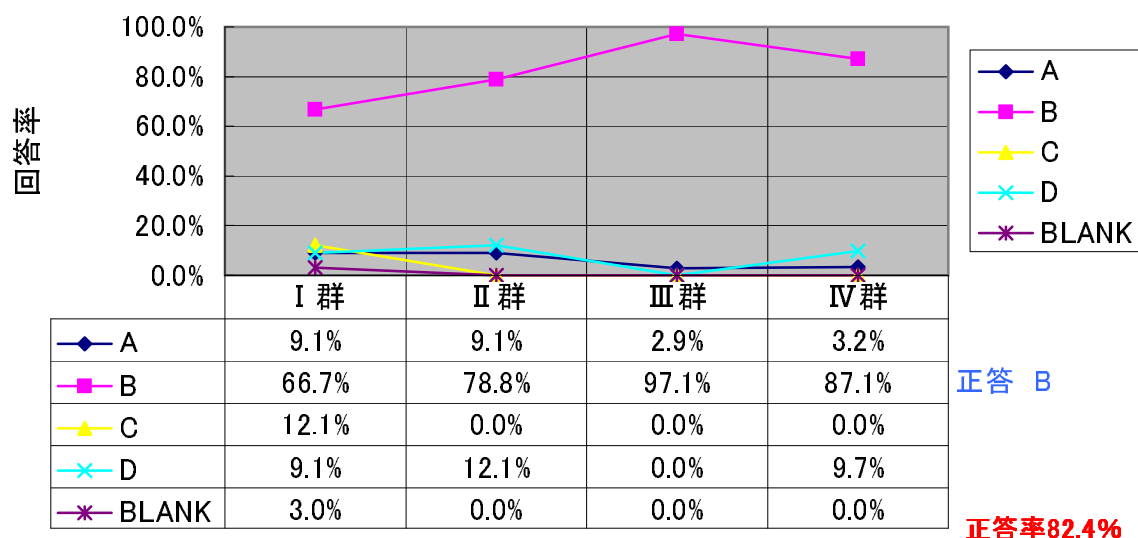
H20化学 無機14



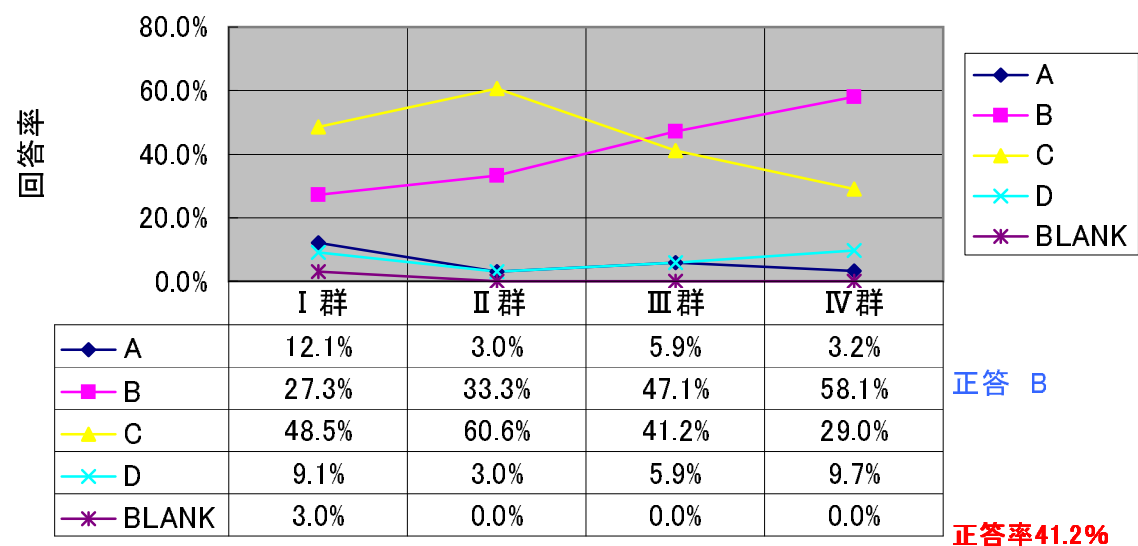
H20化学 無機15



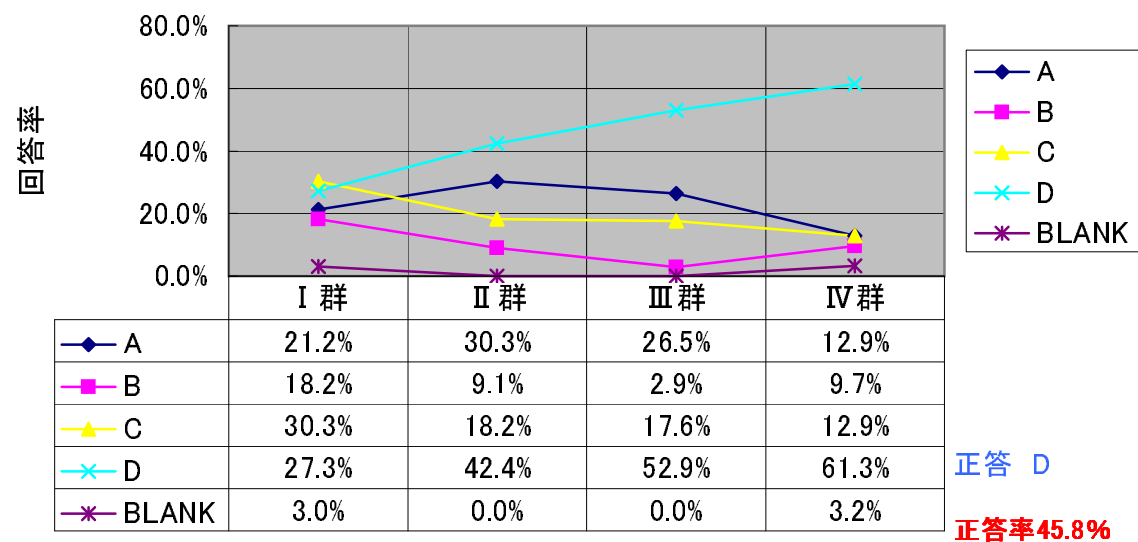
H20化学 無機16



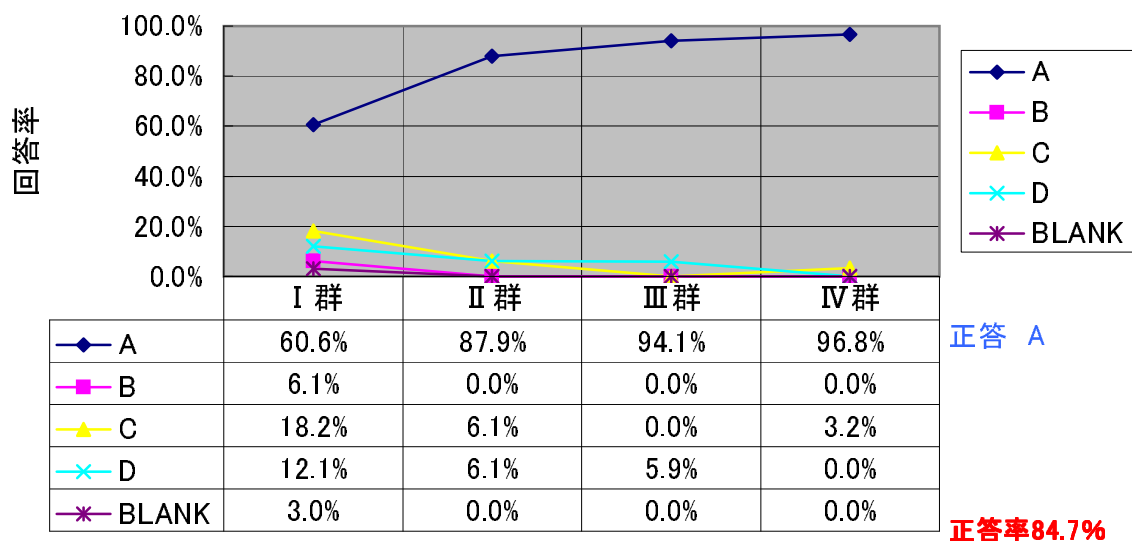
H20化学 無機17



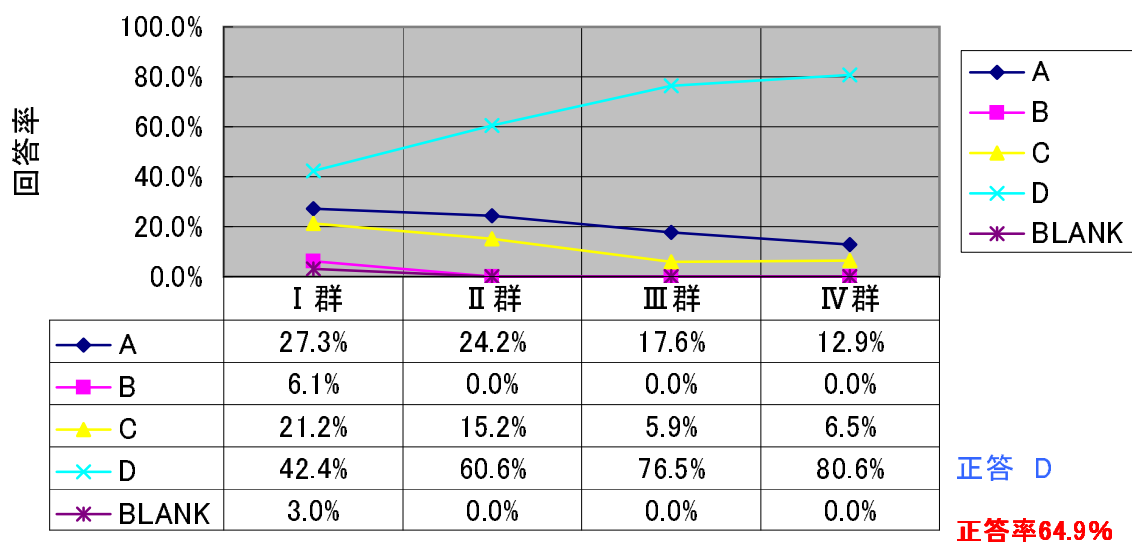
H20化学 無機18



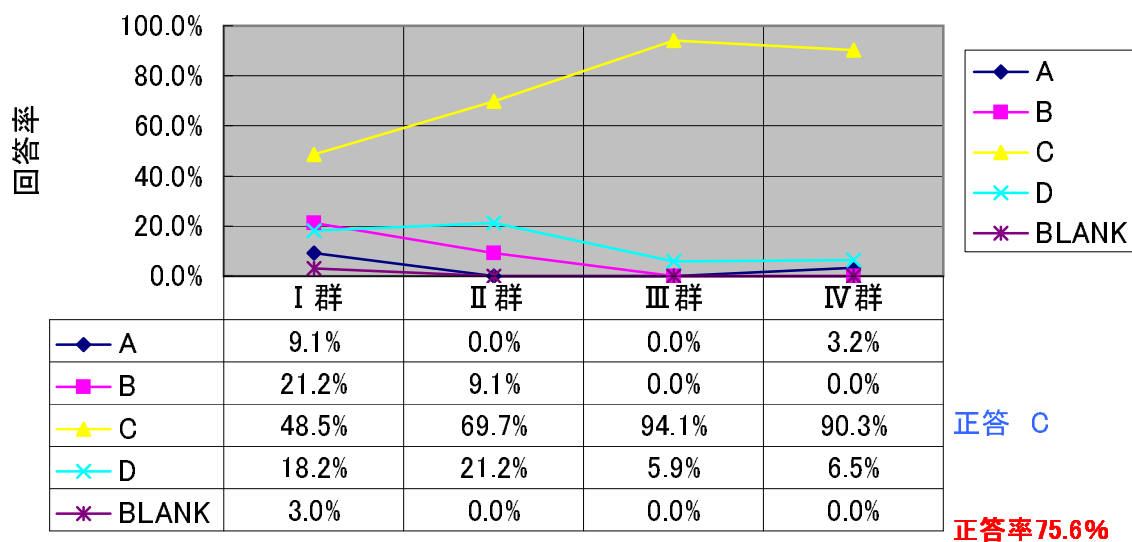
H20化学 無機19



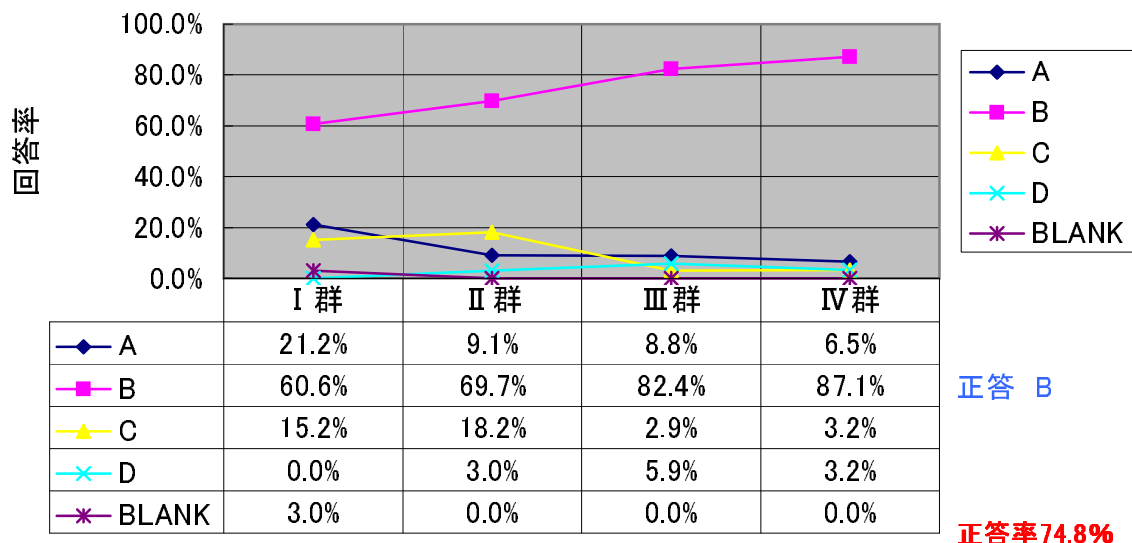
H20化学 無機20



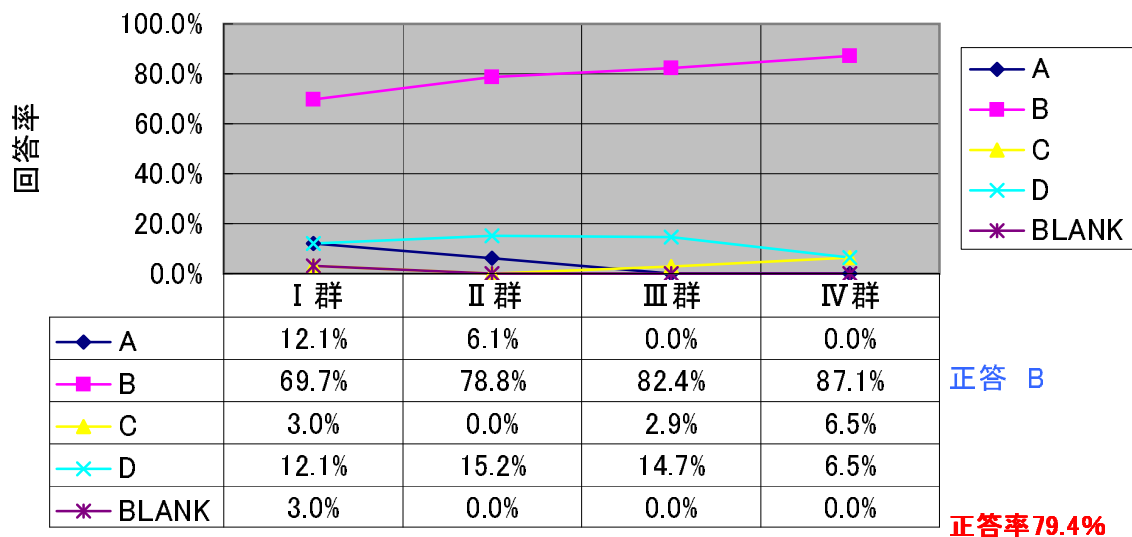
H20化学 無機21



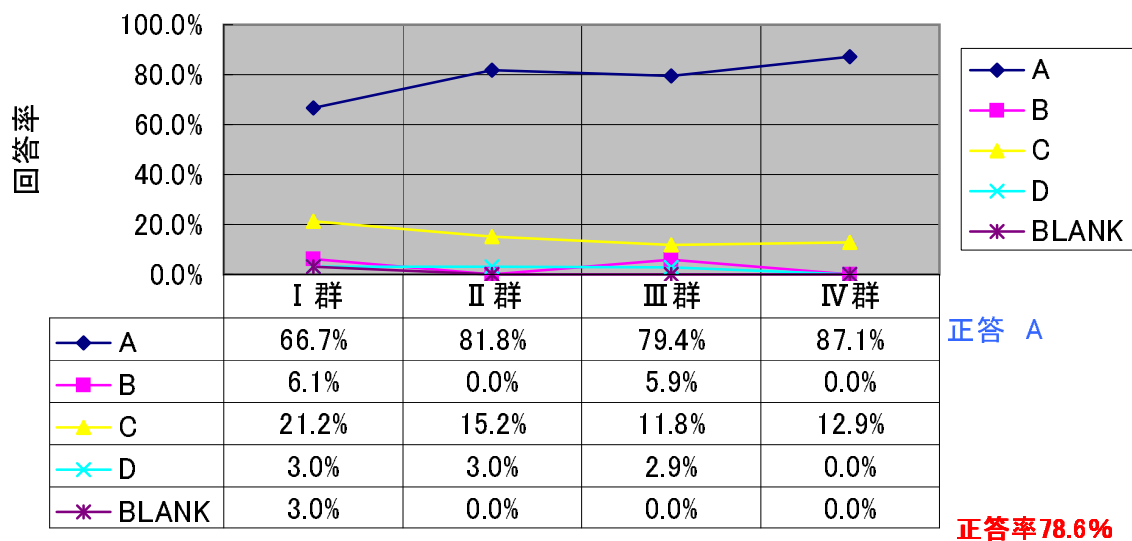
H20化学 無機22



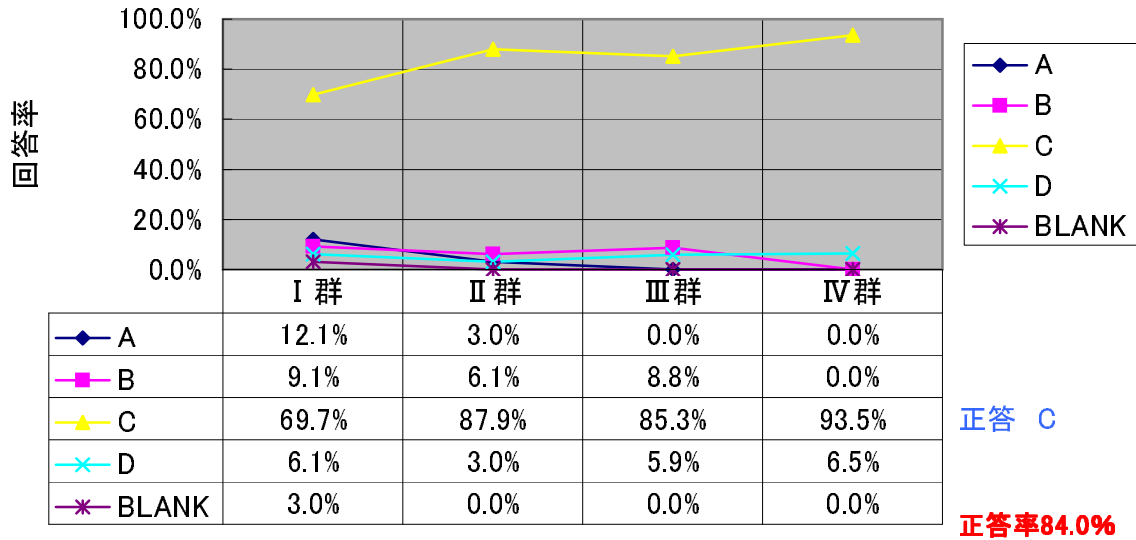
H20化学 無機23



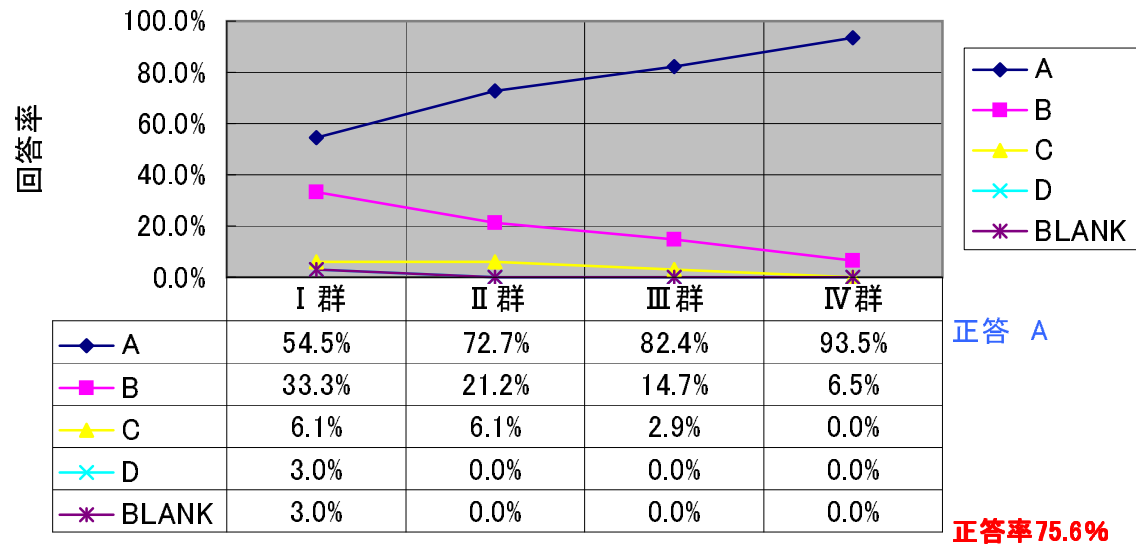
H20化学 無機24



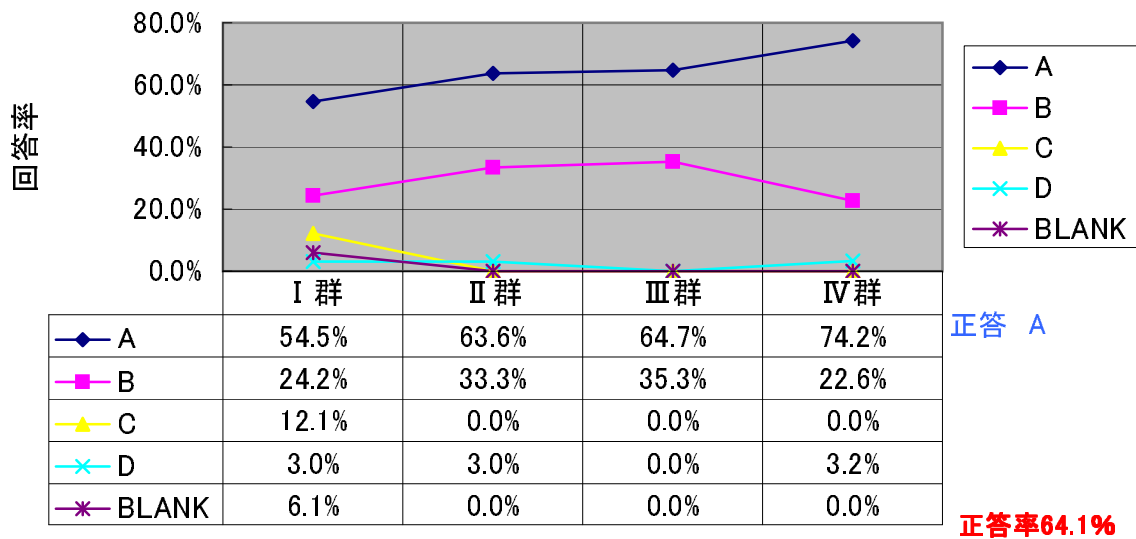
H20化学 無機25



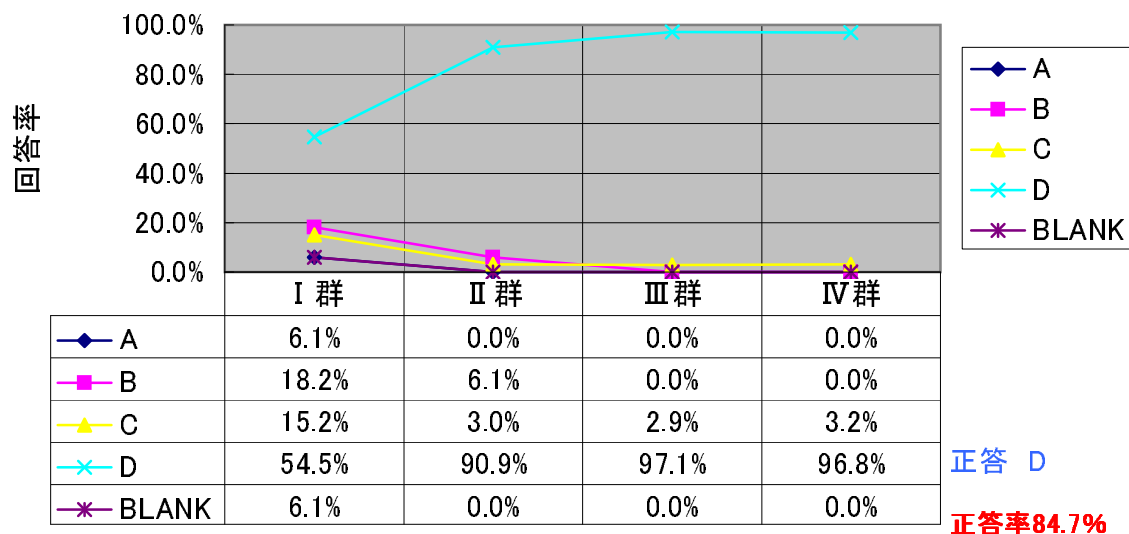
H20化学 無機26



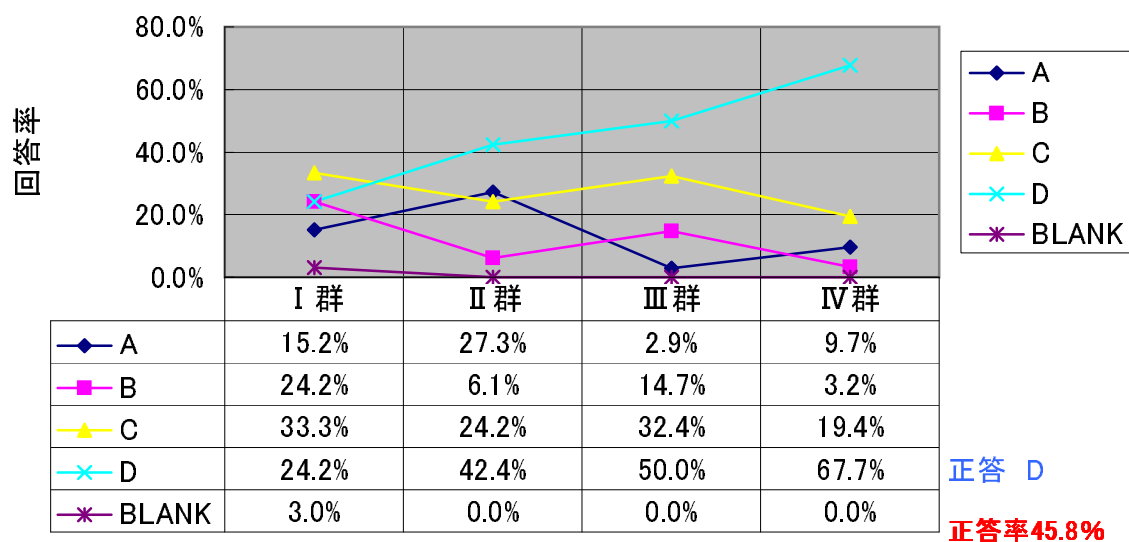
H20化学 無機27



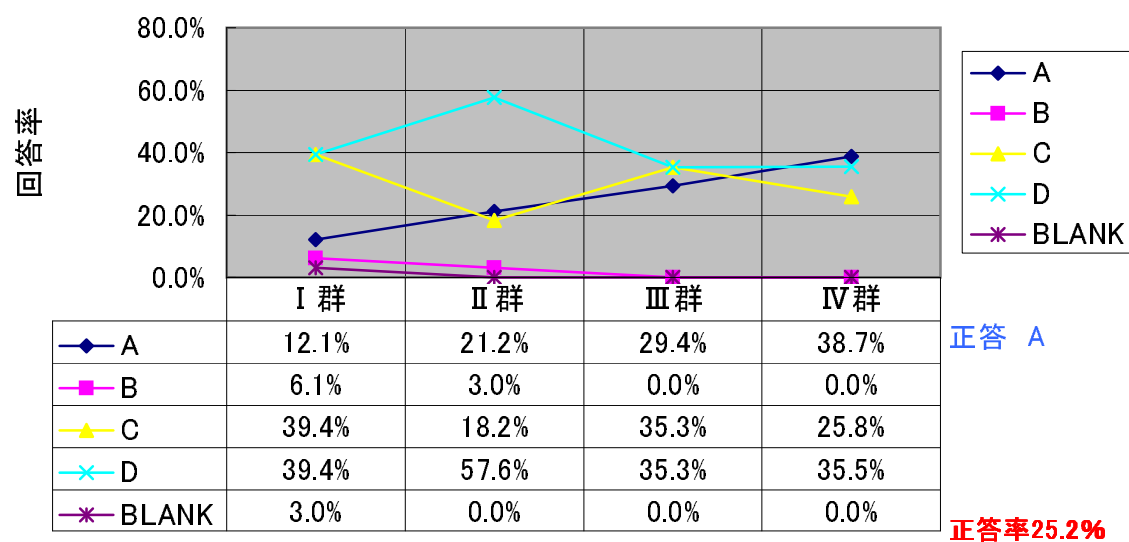
H20化学 無機28



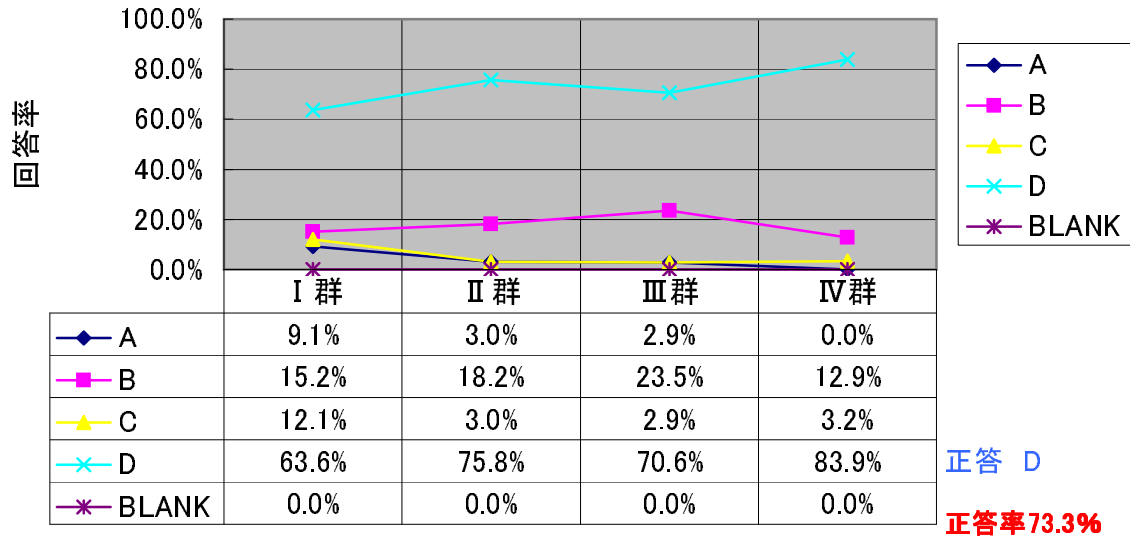
H20化学 無機29



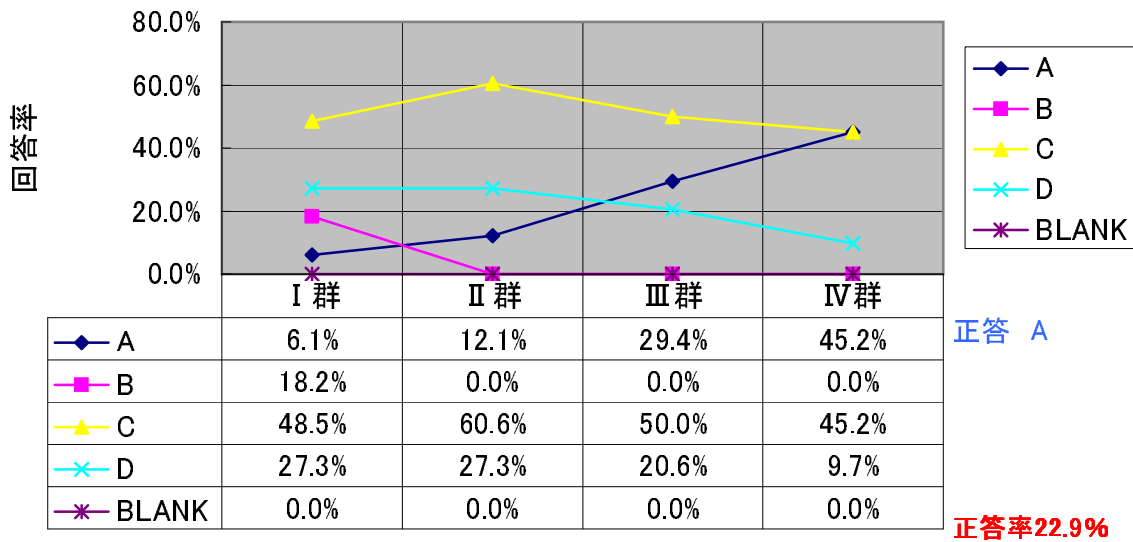
H20化学 無機30



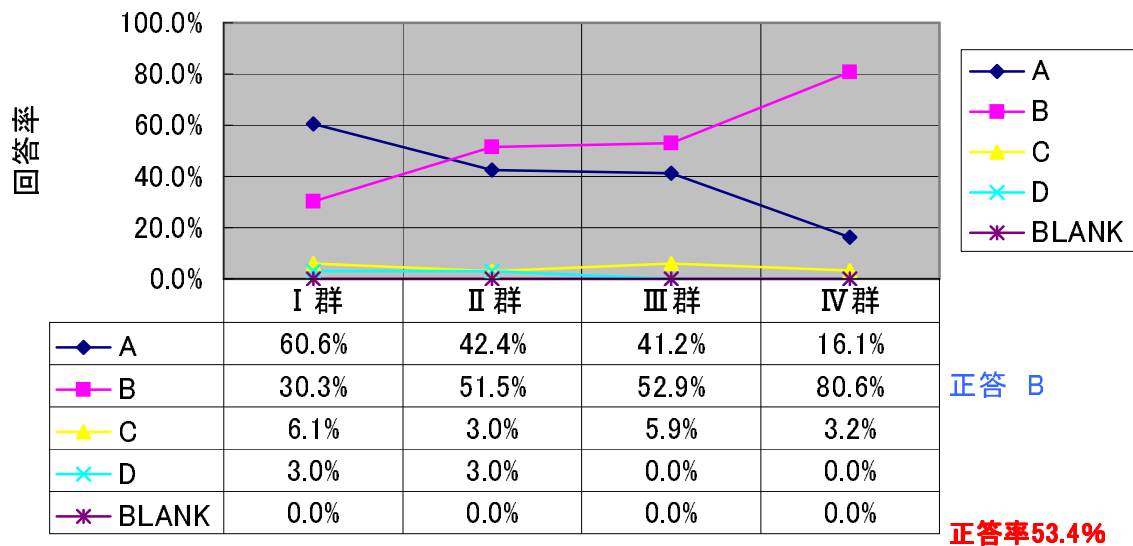
H20化学 有機31



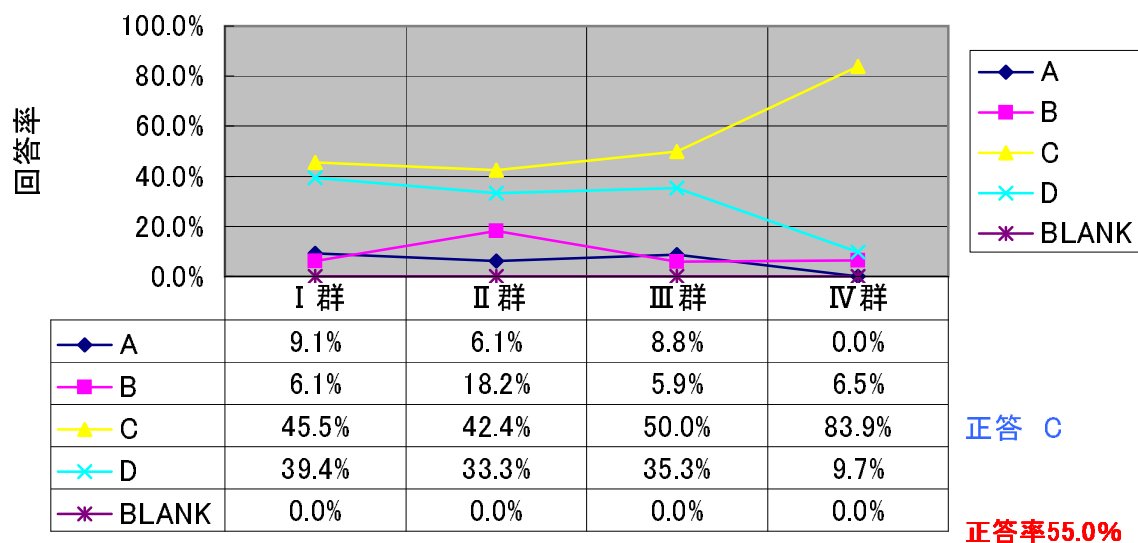
H20化学 有機32



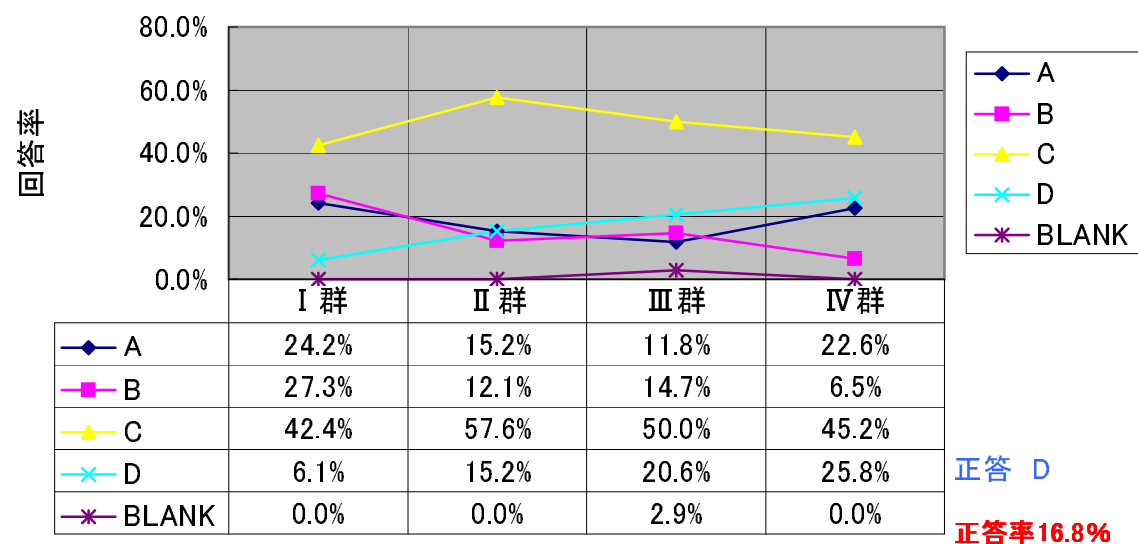
H20化学 有機33



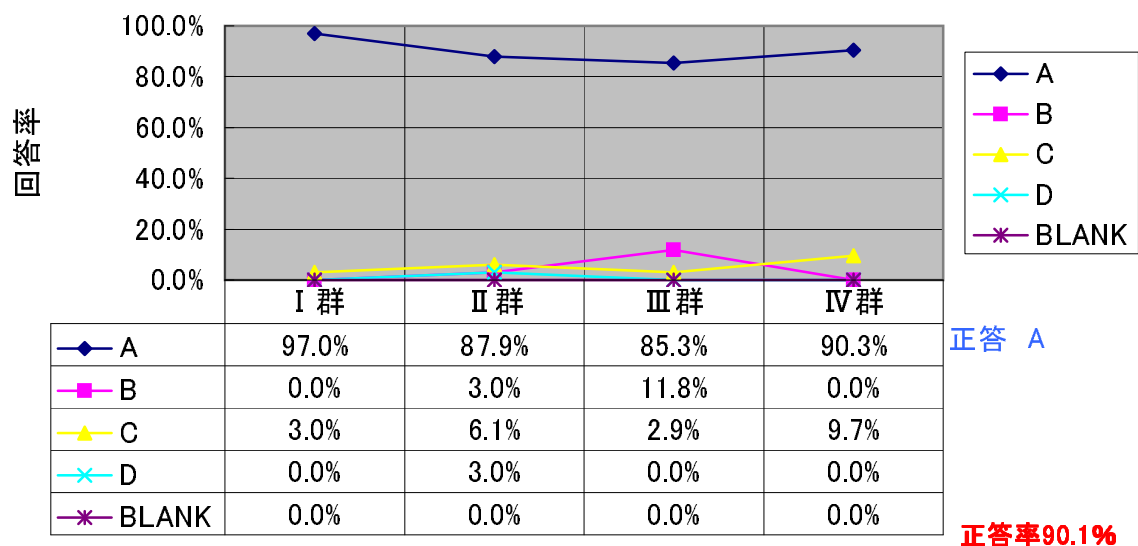
H20化学 有機34



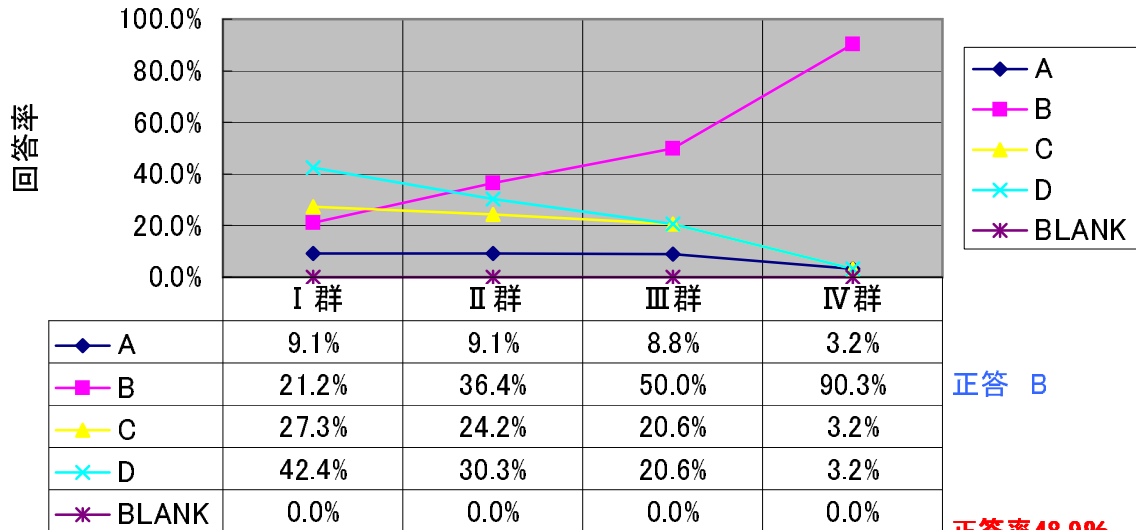
H20化学 有機35



H20化学 有機36



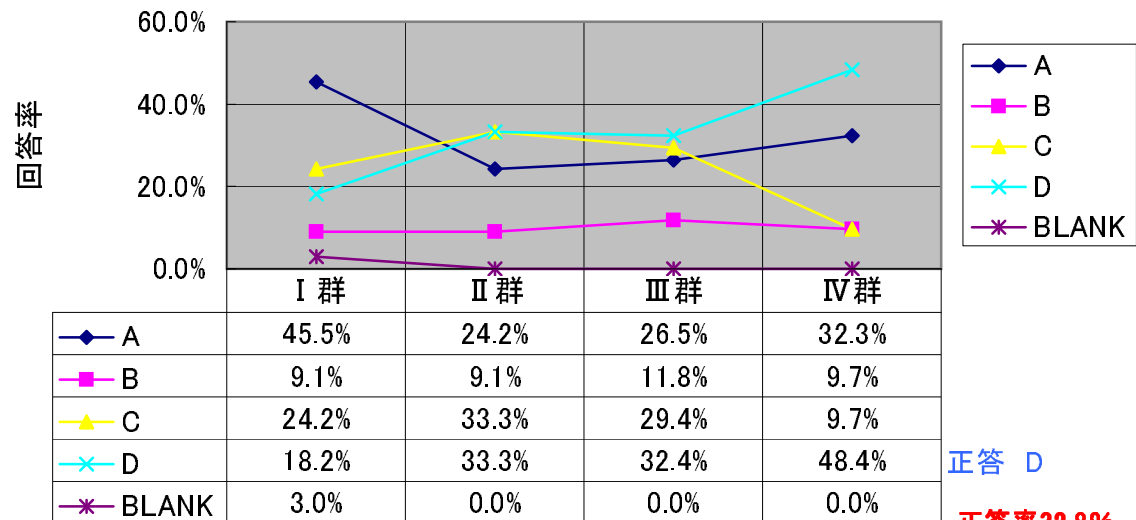
H20化学 有機37



正答 B

正答率48.9%

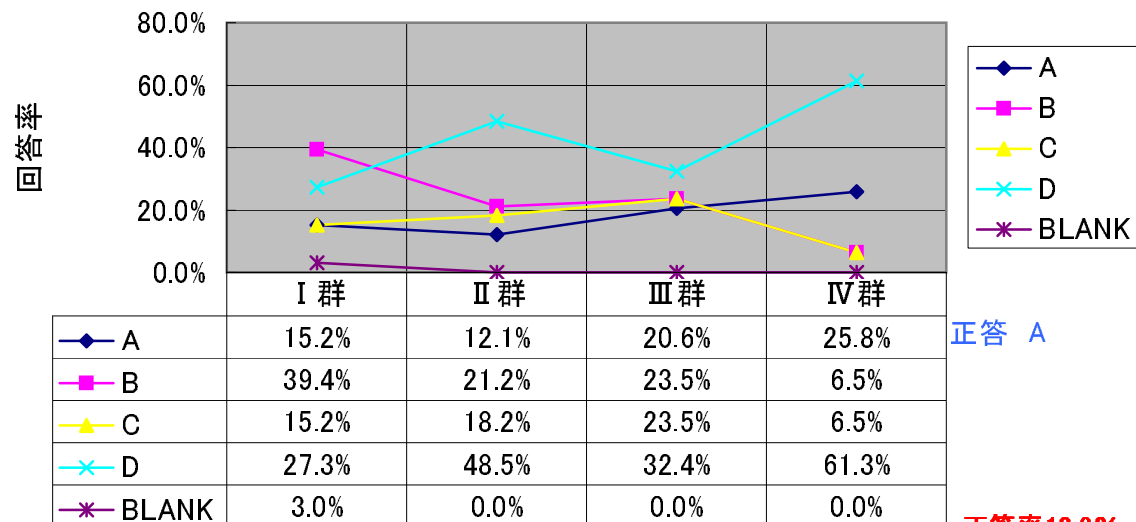
H20化学 有機38



正答 D

正答率32.8%

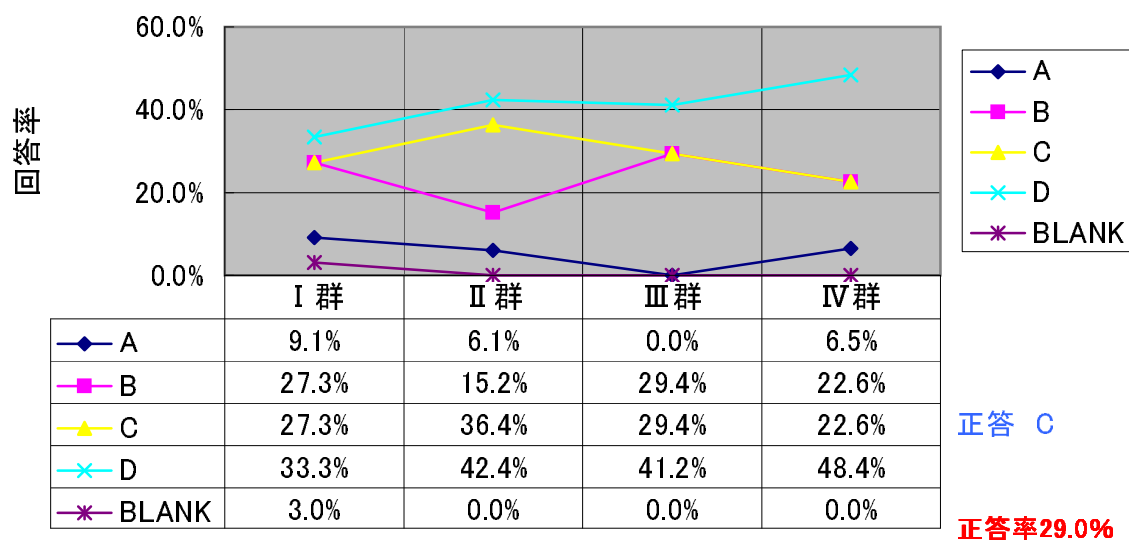
H20化学 有機39



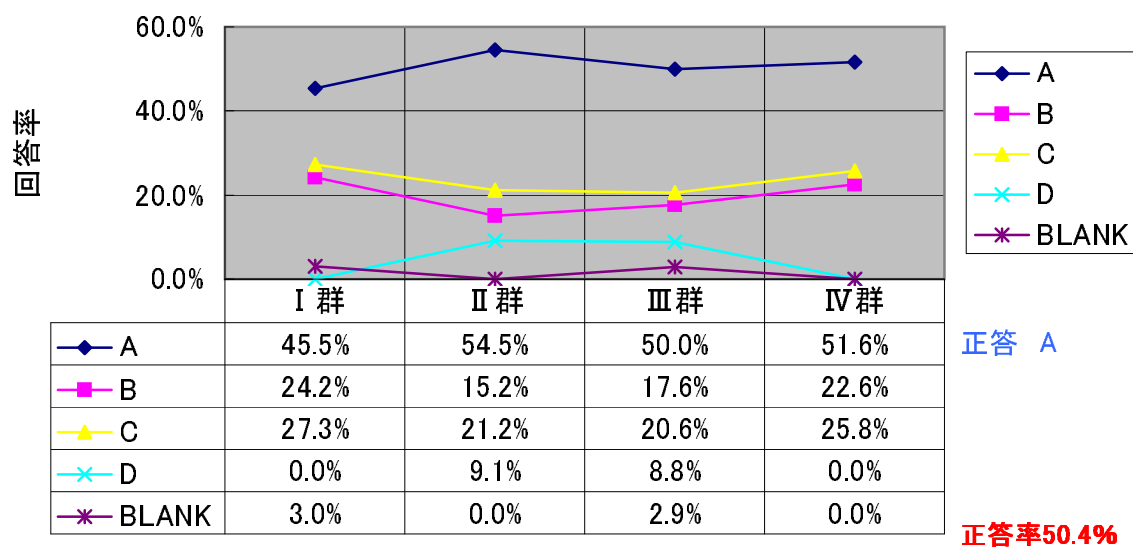
正答 A

正答率18.3%

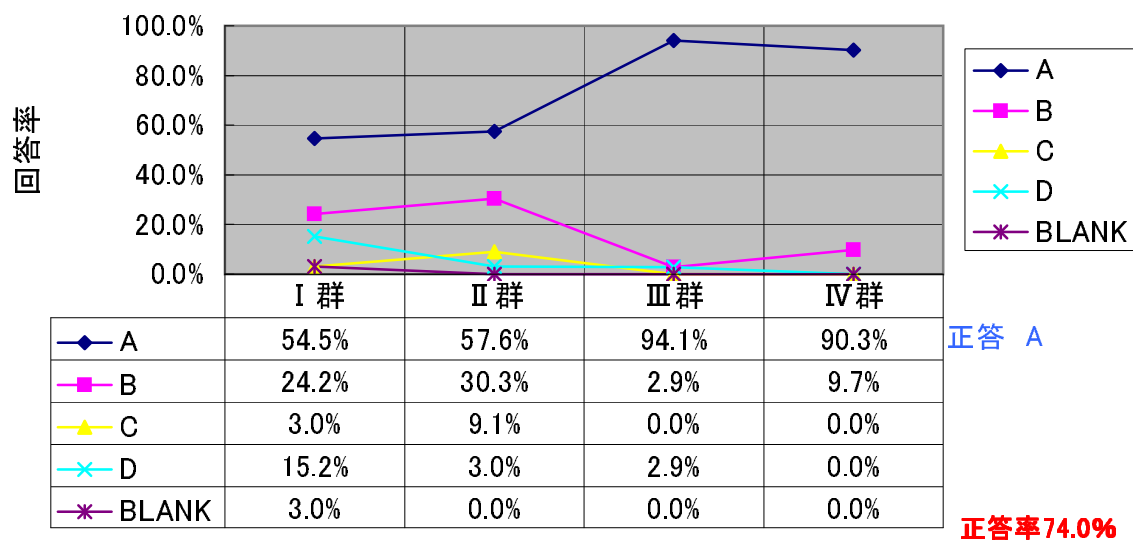
H20化学 有機40



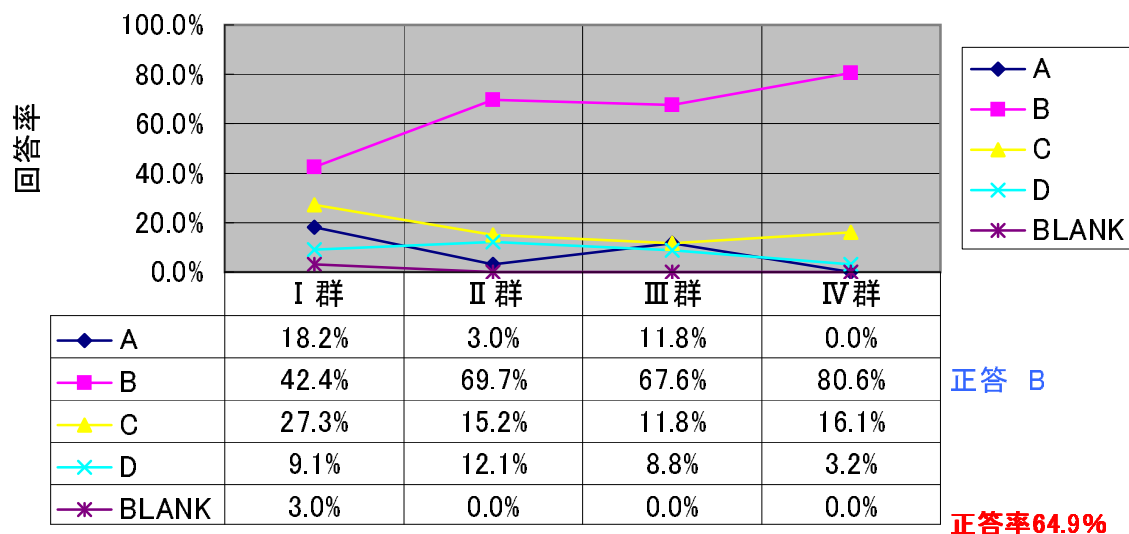
H20化学 有機41



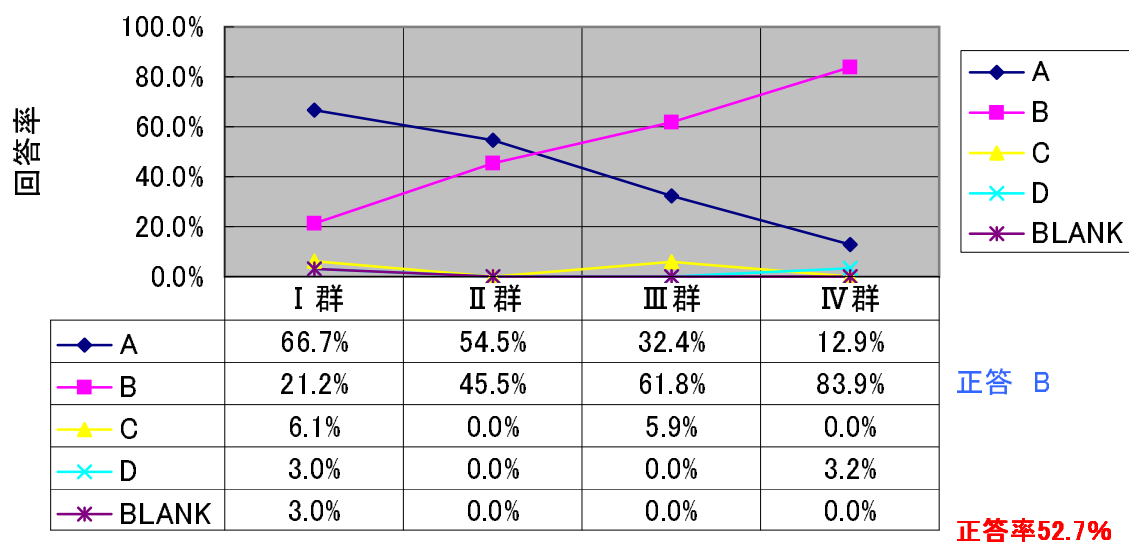
H20化学 有機42



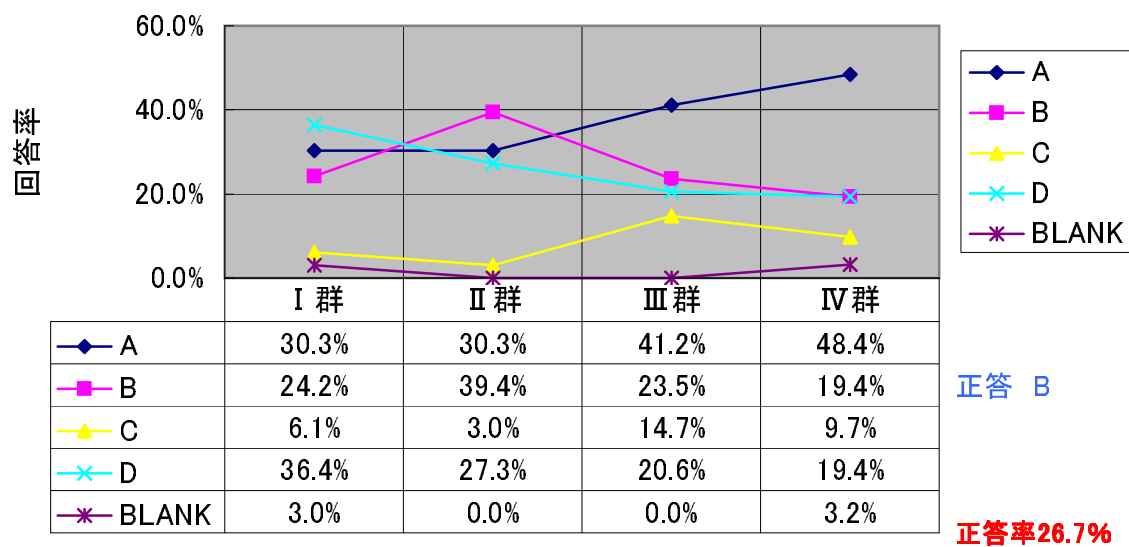
H20化学 有機43



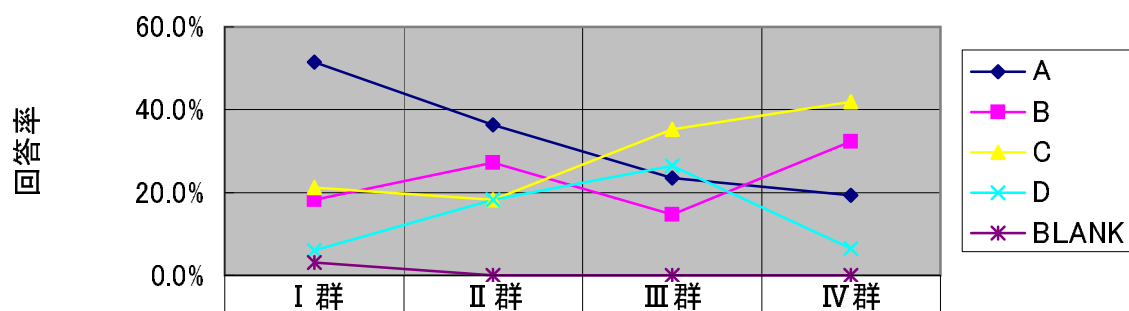
H20化学 有機44



H20化学 有機45



H20化学 有機46

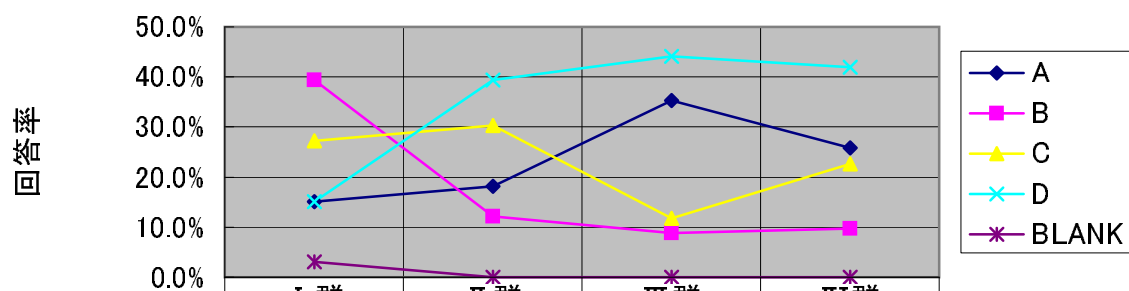


	I 群	II 群	III 群	IV 群
◆ A	51.5%	36.4%	23.5%	19.4%
■ B	18.2%	27.3%	14.7%	32.3%
▲ C	21.2%	18.2%	35.3%	41.9%
✕ D	6.1%	18.2%	26.5%	6.5%
✱ BLANK	3.0%	0.0%	0.0%	0.0%

正答 C

正答率29.0%

H20化学 有機47

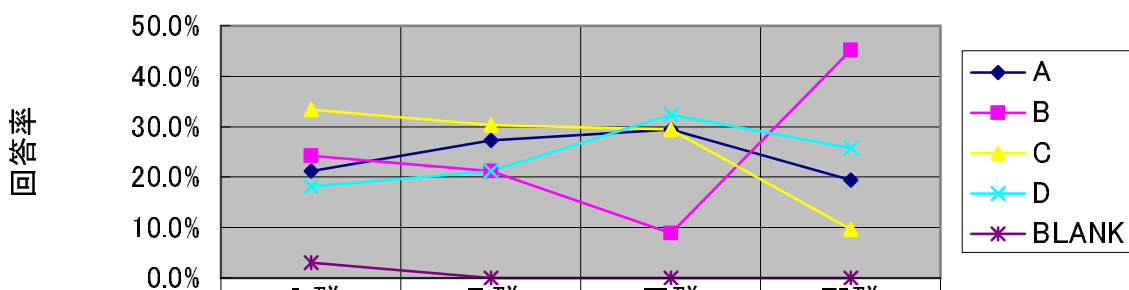


	I 群	II 群	III 群	IV 群
◆ A	15.2%	18.2%	35.3%	25.8%
■ B	39.4%	12.1%	8.8%	9.7%
▲ C	27.3%	30.3%	11.8%	22.6%
✕ D	15.2%	39.4%	44.1%	41.9%
✱ BLANK	3.0%	0.0%	0.0%	0.0%

正答 D

正答率35.1%

H20化学 有機48

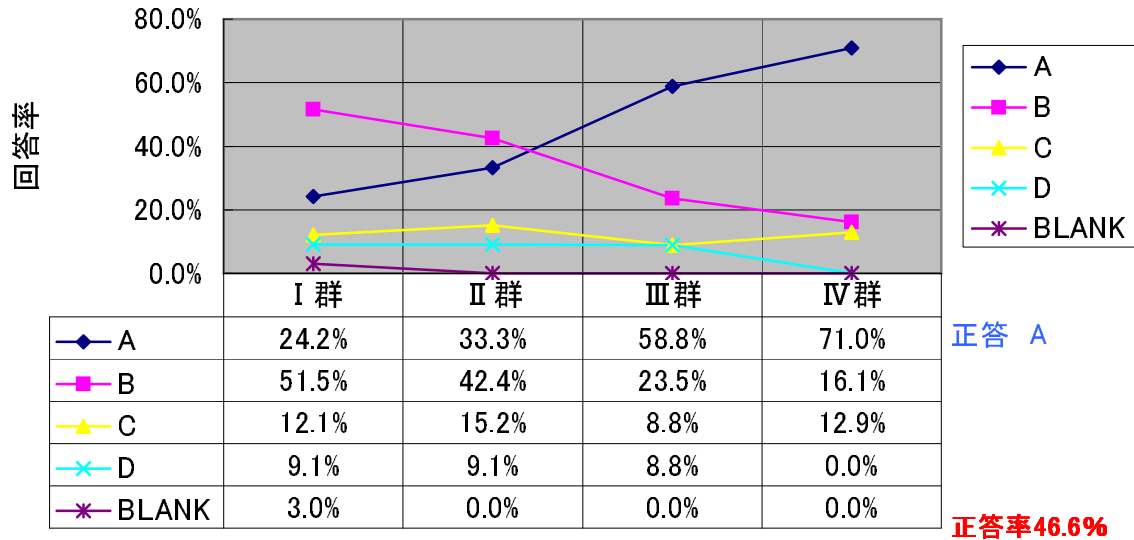


	I 群	II 群	III 群	IV 群
◆ A	21.2%	27.3%	29.4%	19.4%
■ B	24.2%	21.2%	8.8%	45.2%
▲ C	33.3%	30.3%	29.4%	9.7%
✕ D	18.2%	21.2%	32.4%	25.8%
✱ BLANK	3.0%	0.0%	0.0%	0.0%

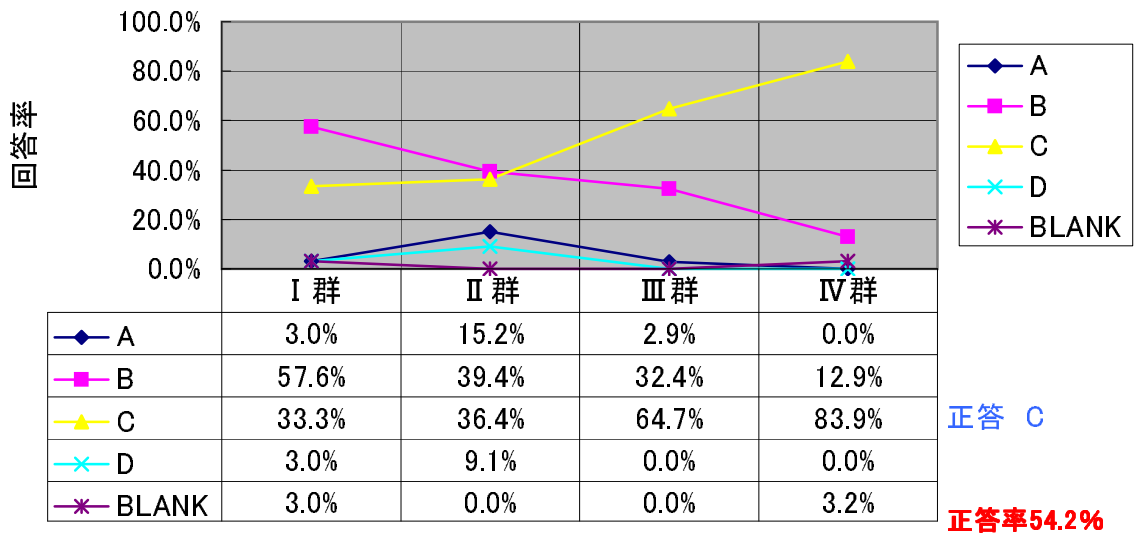
正答 B

正答率24.4%

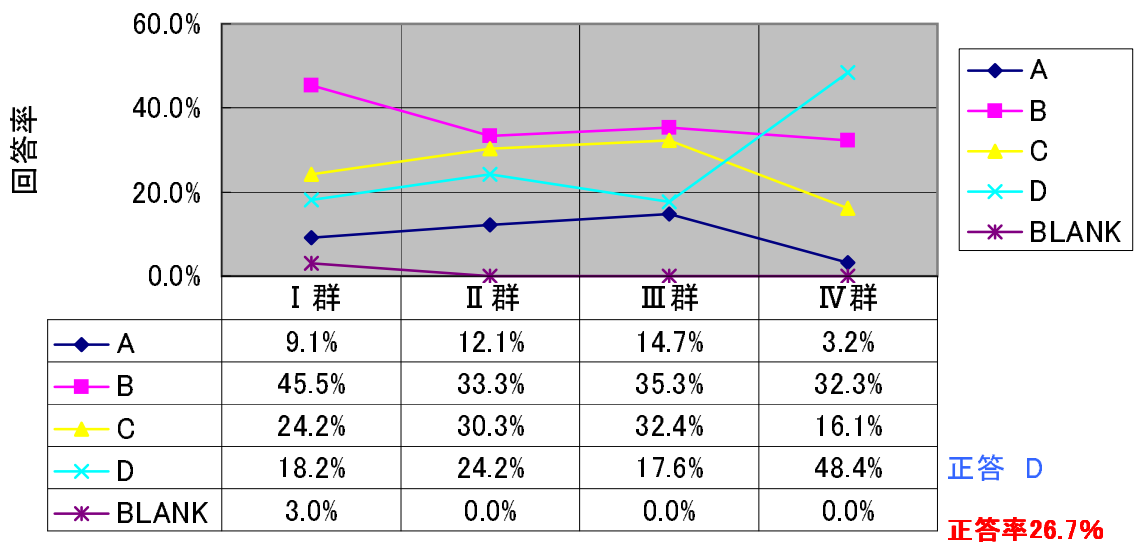
H20化学 無機49



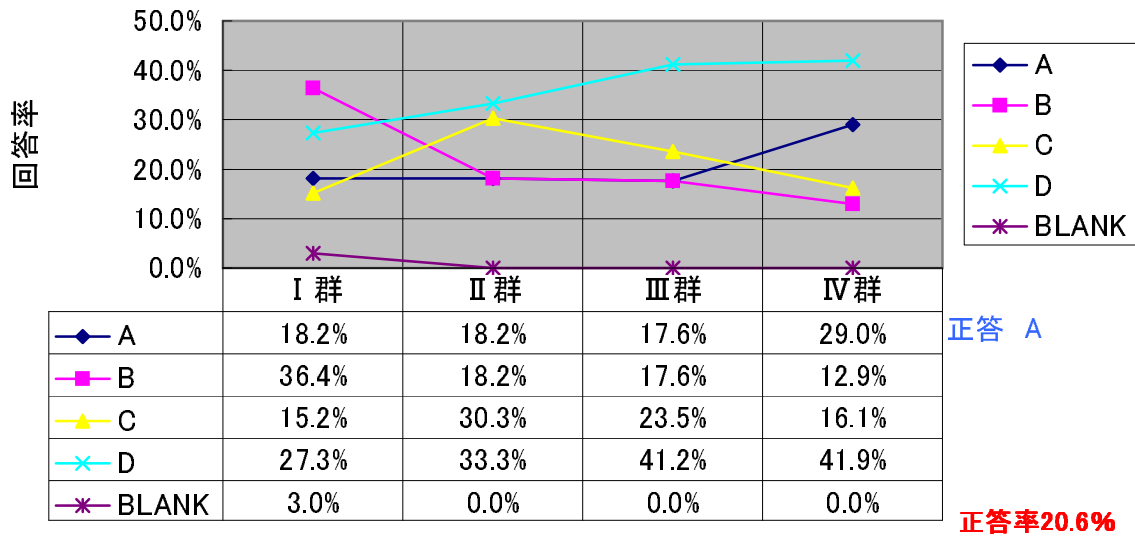
H20化学 有機50



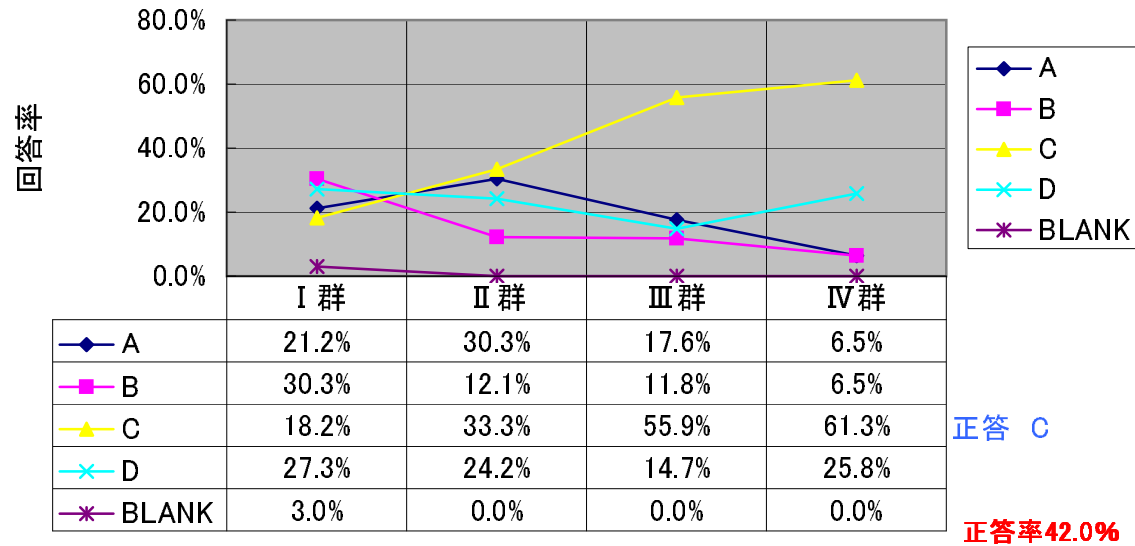
H20化学 有機51



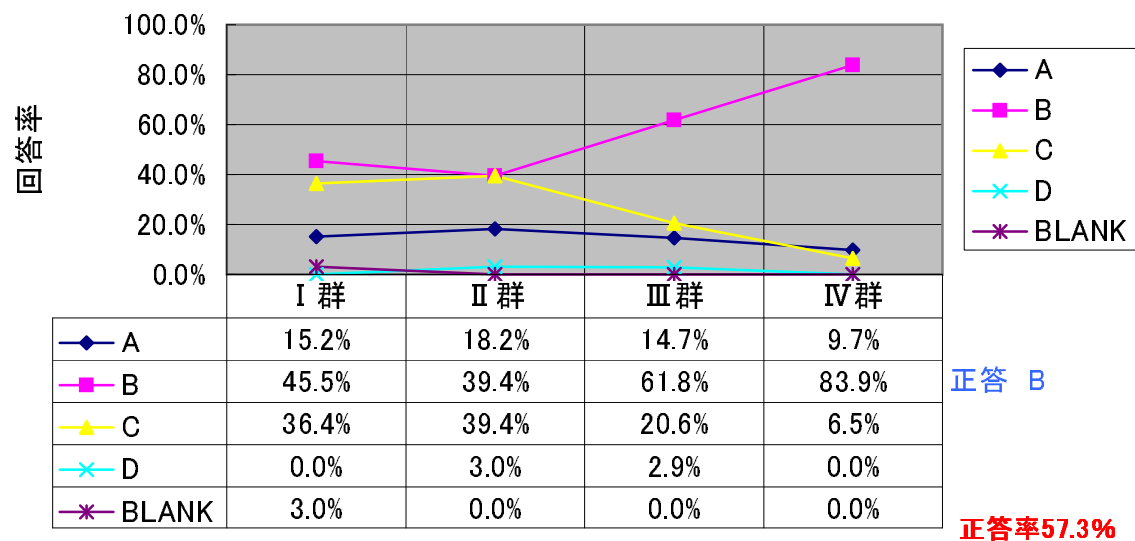
H20化学 有機52



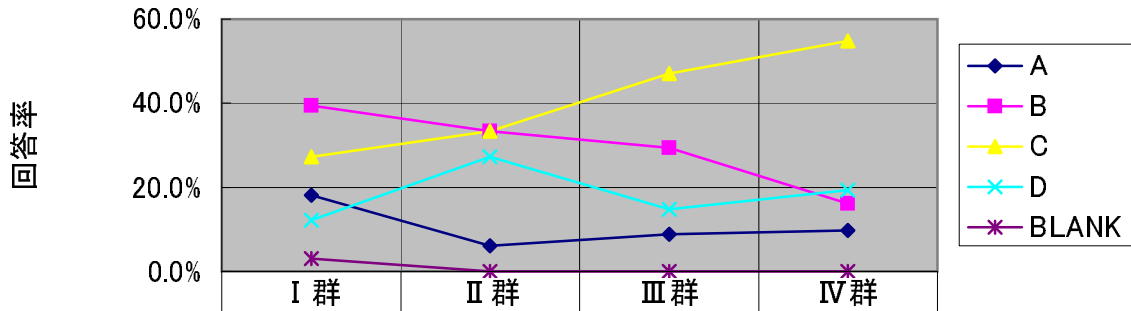
H20化学 有機53



H20化学 有機54



H20化学 有機55

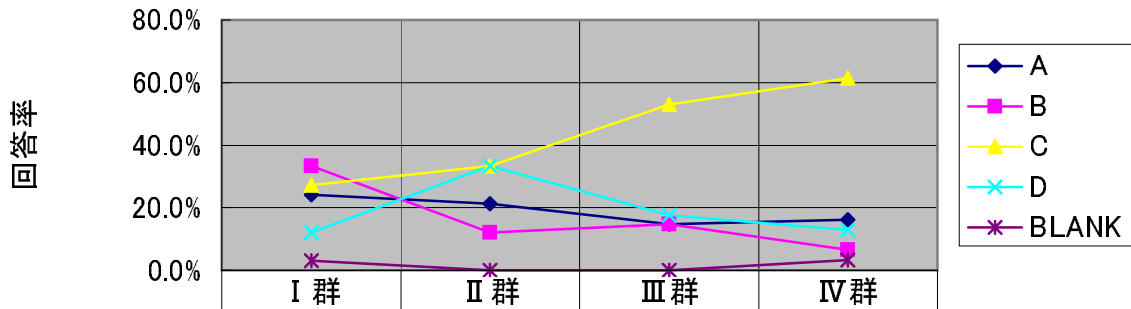


	I 群	II 群	III 群	IV 群
◆ A	18.2%	6.1%	8.8%	9.7%
■ B	39.4%	33.3%	29.4%	16.1%
▲ C	27.3%	33.3%	47.1%	54.8%
✕ D	12.1%	27.3%	14.7%	19.4%
✱ BLANK	3.0%	0.0%	0.0%	0.0%

正答 C

正答率40.5%

H20化学 有機56

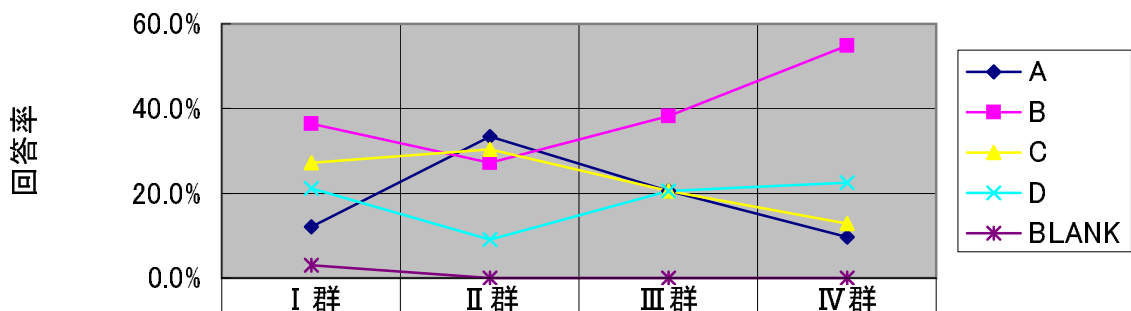


	I 群	II 群	III 群	IV 群
◆ A	24.2%	21.2%	14.7%	16.1%
■ B	33.3%	12.1%	14.7%	6.5%
▲ C	27.3%	33.3%	52.9%	61.3%
✕ D	12.1%	33.3%	17.6%	12.9%
✱ BLANK	3.0%	0.0%	0.0%	3.2%

正答 C

正答率43.5%

H20化学 有機57

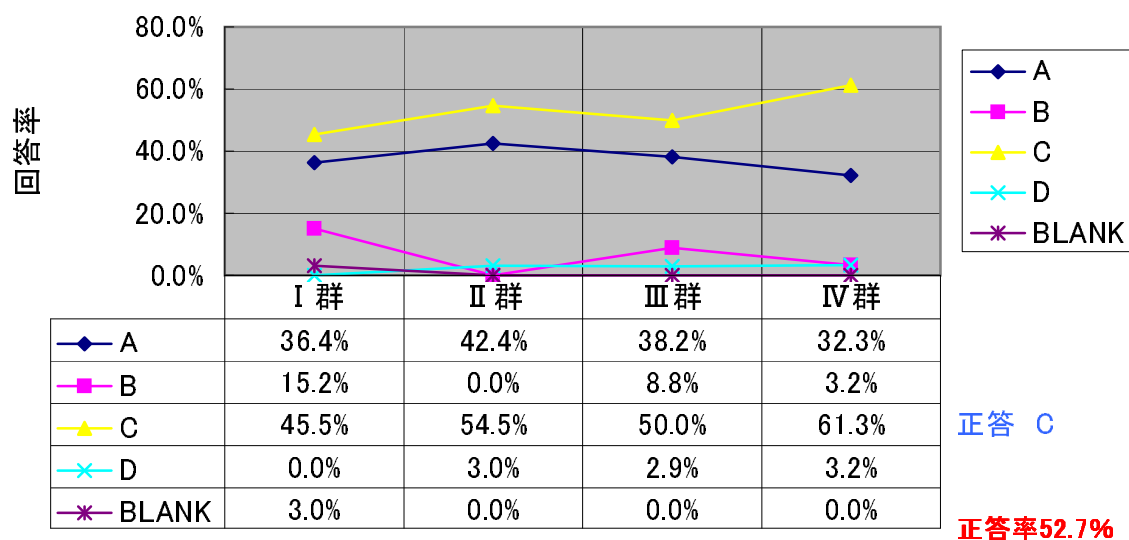


	I 群	II 群	III 群	IV 群
◆ A	12.1%	33.3%	20.6%	9.7%
■ B	36.4%	27.3%	38.2%	54.8%
▲ C	27.3%	30.3%	20.6%	12.9%
✕ D	21.2%	9.1%	20.6%	22.6%
✱ BLANK	3.0%	0.0%	0.0%	0.0%

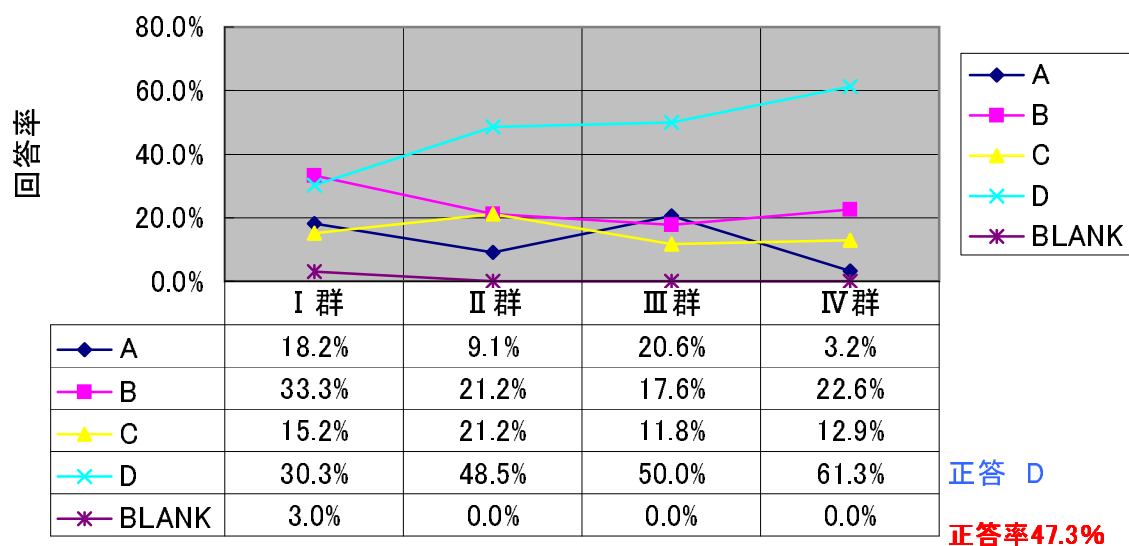
正答 B

正答率38.9%

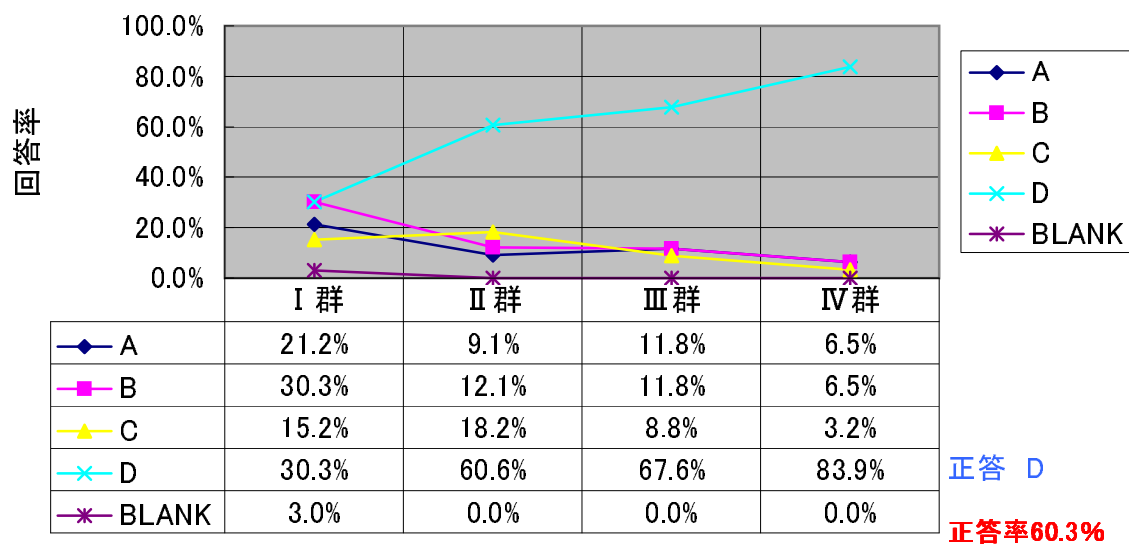
H20化学 有機58



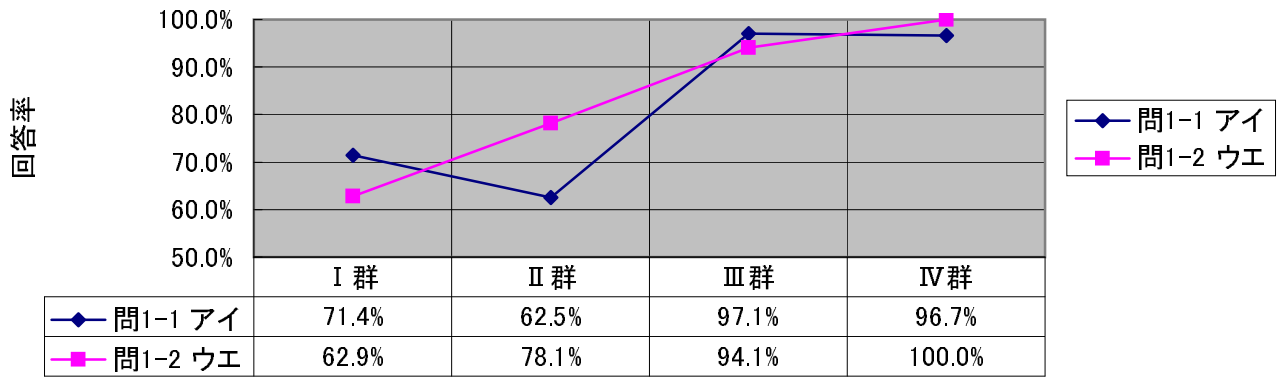
H20化学 有機59



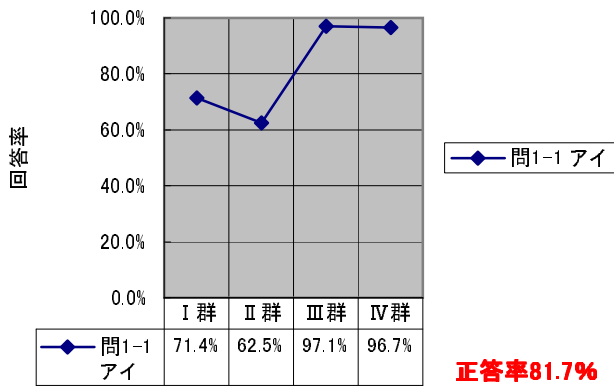
H20化学 有機60



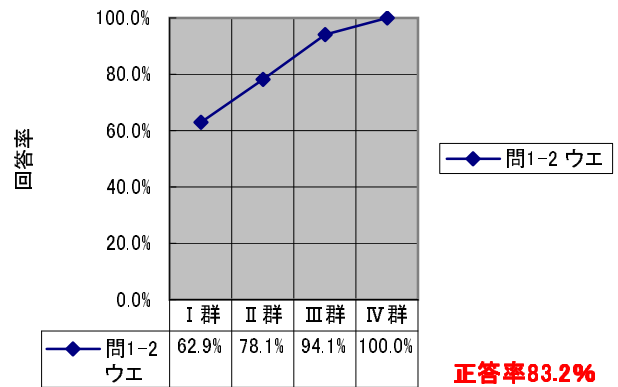
H20数学 問1



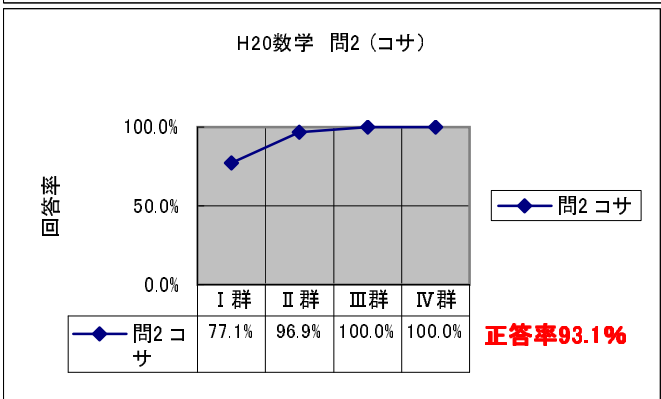
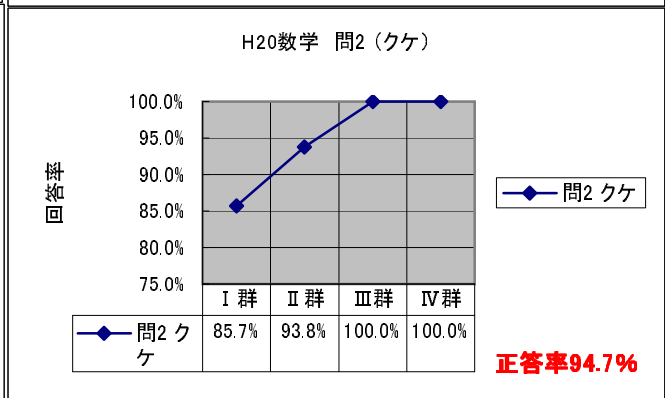
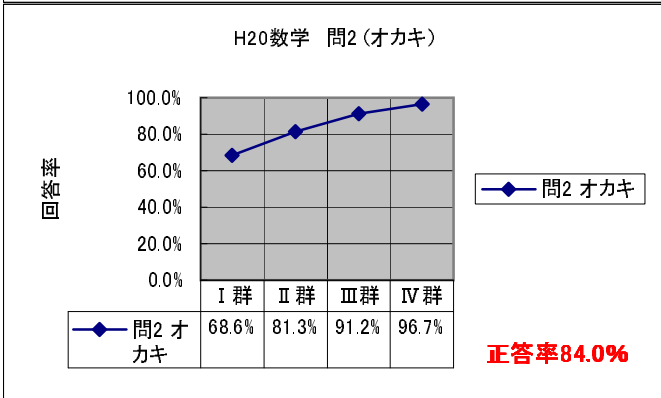
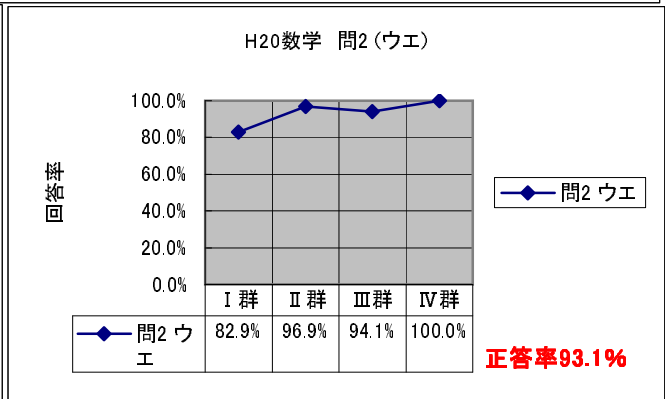
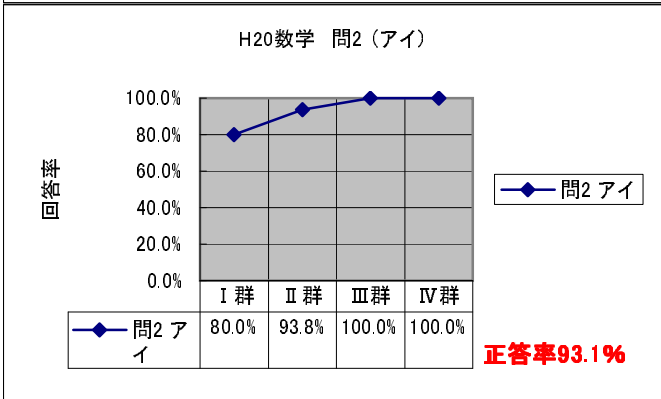
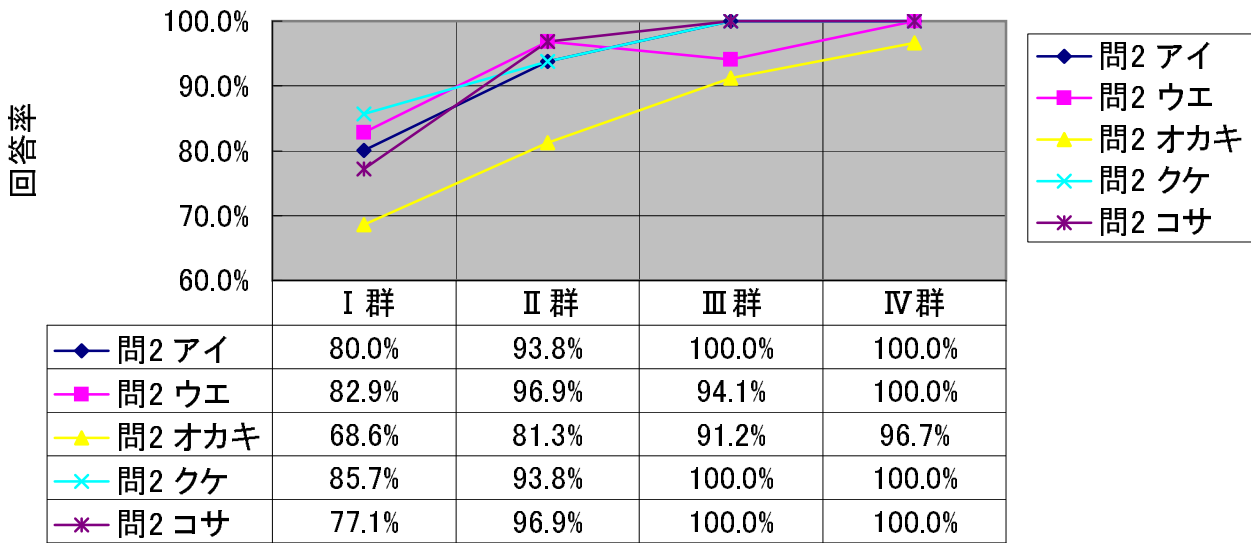
H20数学 問1-1 (アイ)



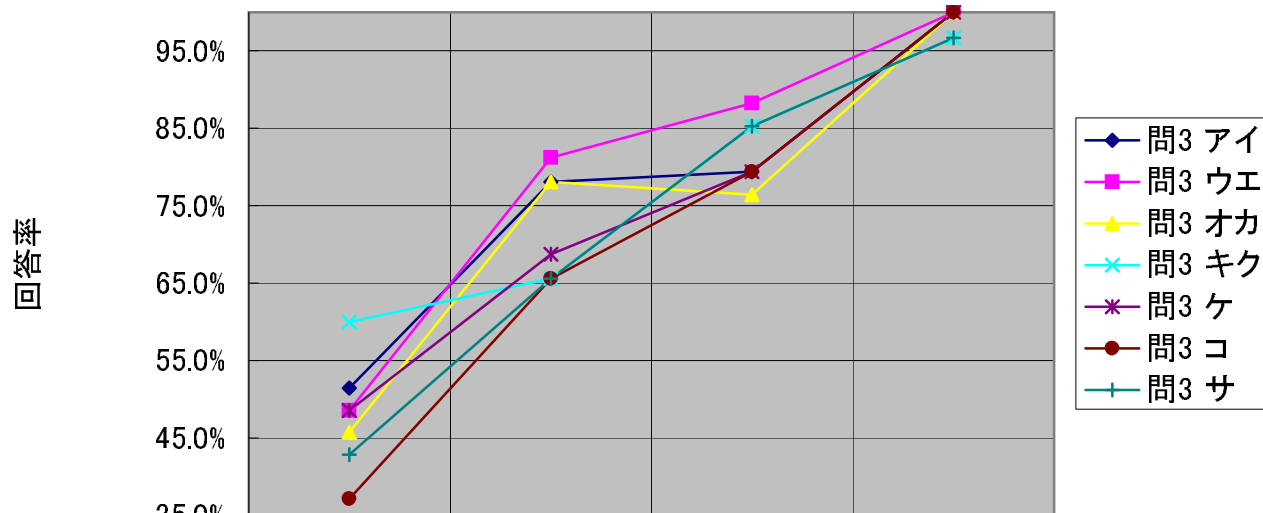
H20数学 問1-2 (ウエ)



H20数学 問2

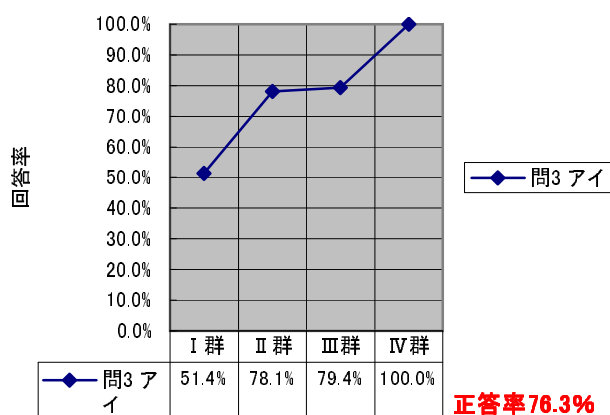


H20数学 問3

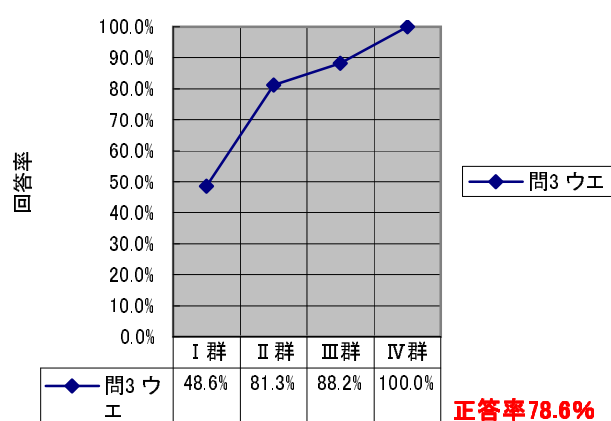


	I 群	II 群	III 群	IV 群
問3 アイ	51.4%	78.1%	79.4%	100.0%
問3 ウエ	48.6%	81.3%	88.2%	100.0%
問3 オカ	45.7%	78.1%	76.5%	100.0%
問3 キク	60.0%	65.6%	85.3%	96.7%
問3 ケ	48.6%	68.8%	79.4%	100.0%
問3 コ	37.1%	65.6%	79.4%	100.0%
問3 サ	42.9%	65.6%	85.3%	96.7%

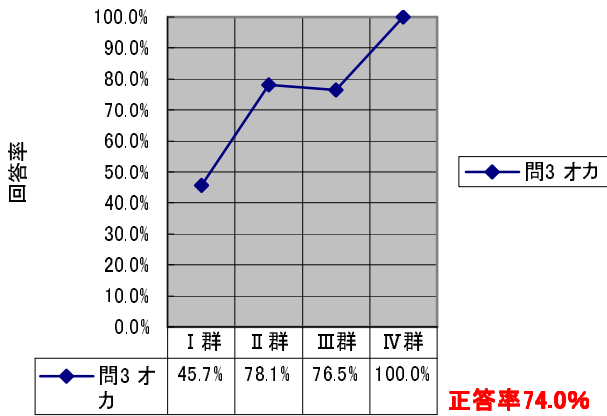
H20数学 問3(アイ)



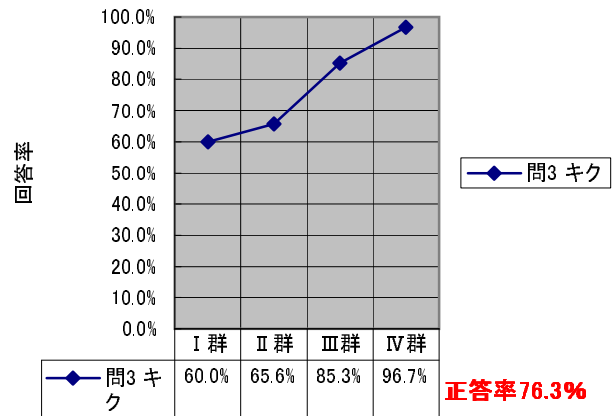
H20数学 問3(ウエ)



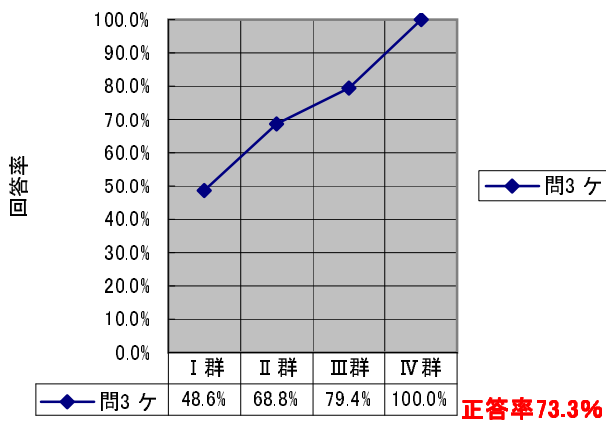
H20数学 問3 (才力)



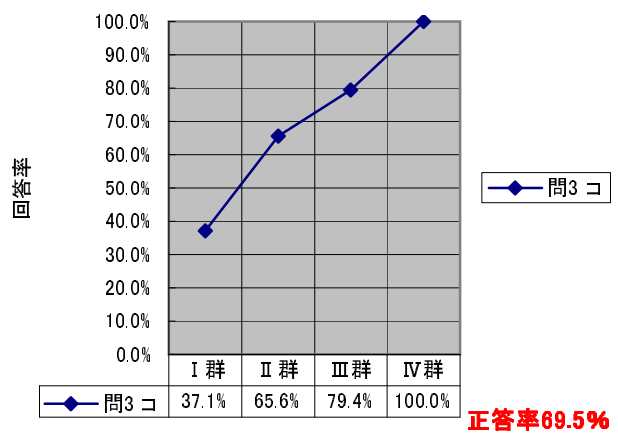
H20数学 問3 (キク)



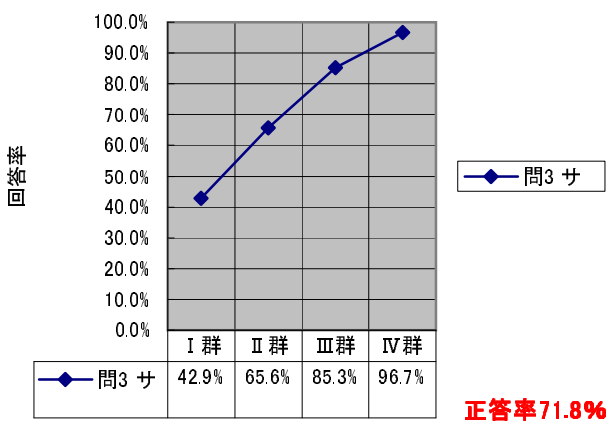
H20数学 問3 (ケ)



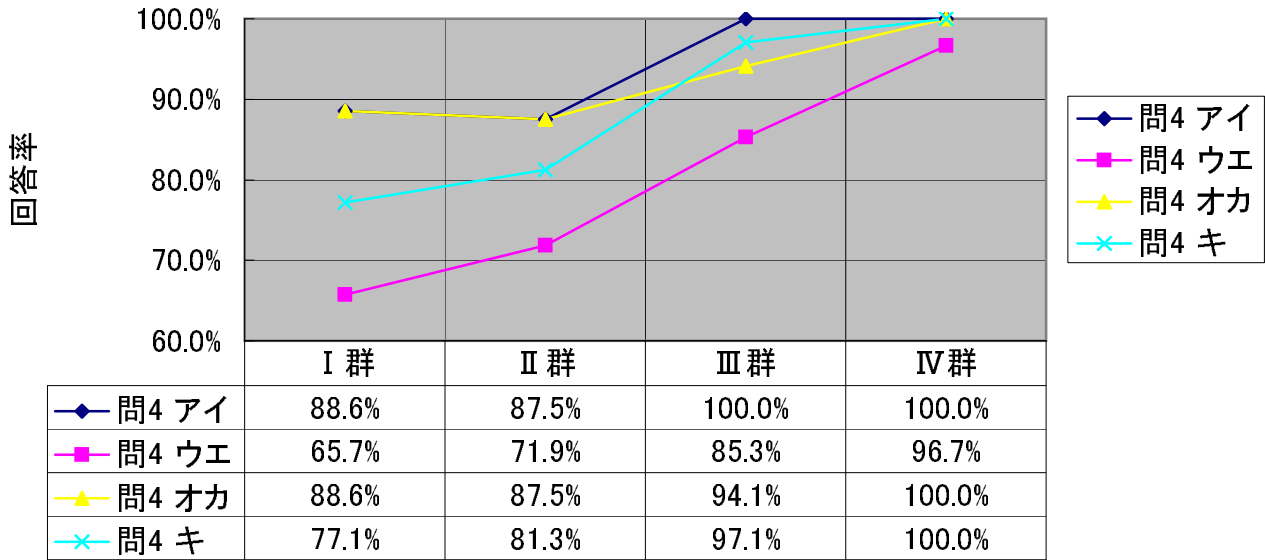
H20数学 問3 (コ)



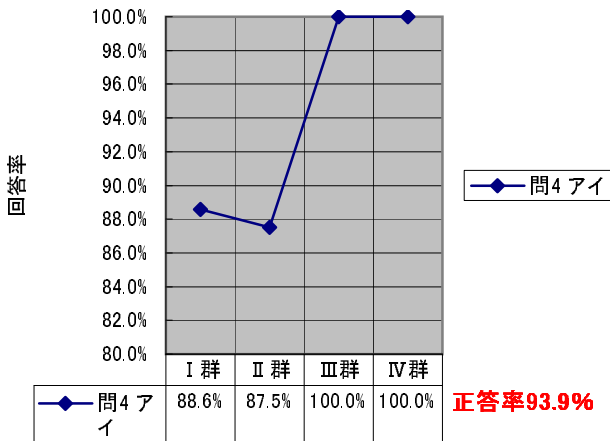
H20数学 問3 (サ)



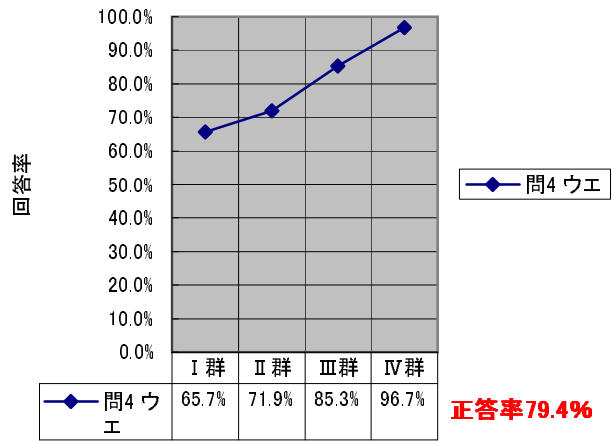
H20数学 問4



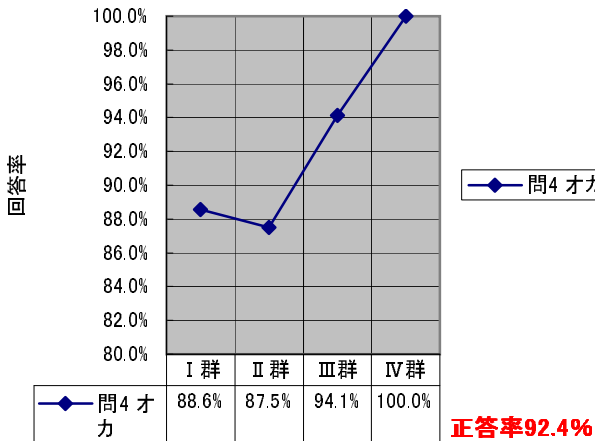
H20数学 問4 (アイ)



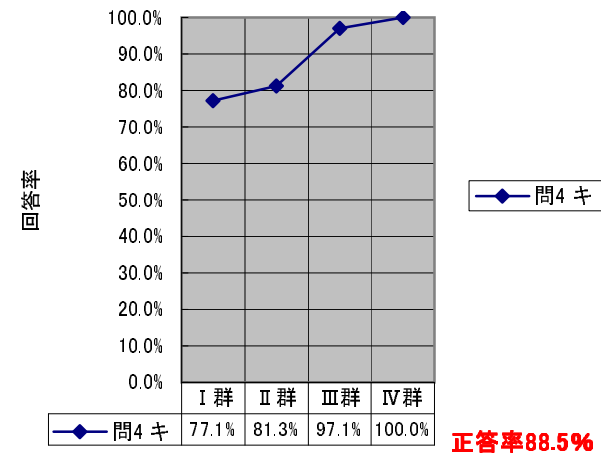
H20数学 問4 (ウエ)



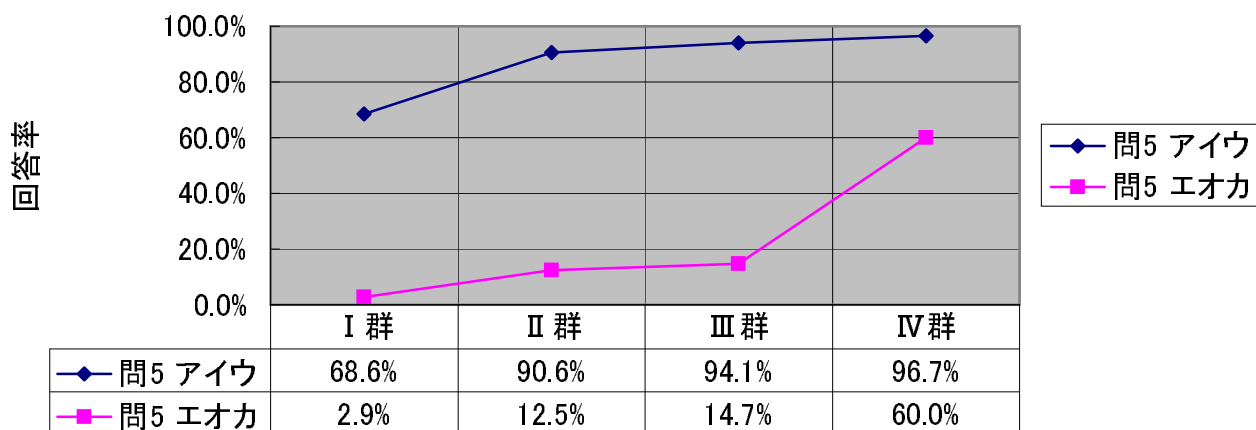
H20数学 問4 (オカ)



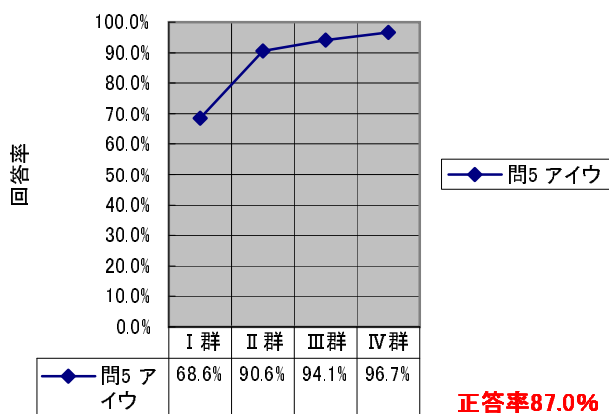
H20数学 問4 (キ)



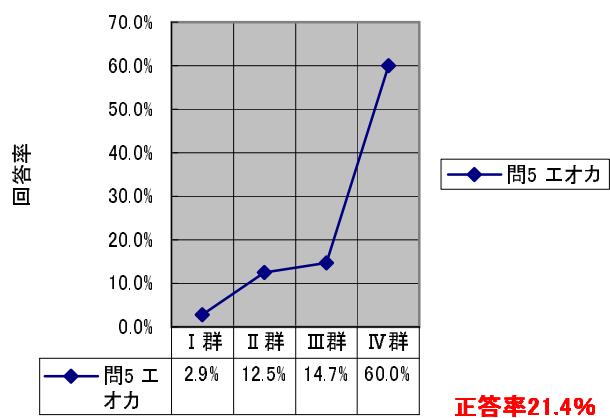
H20数学 問5



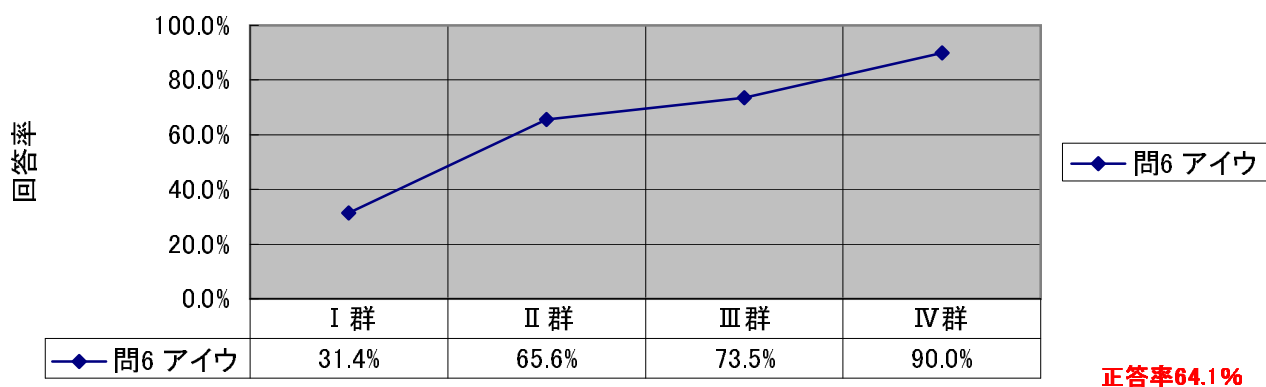
H20数学 問5 (アイウ)



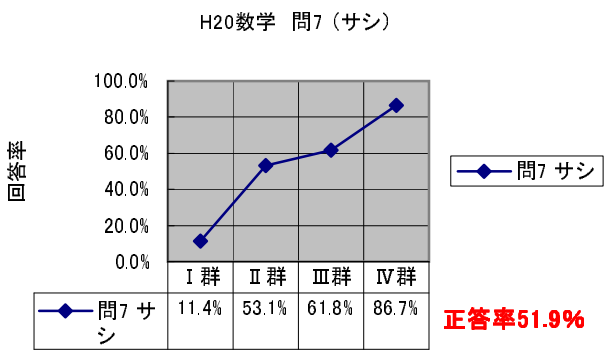
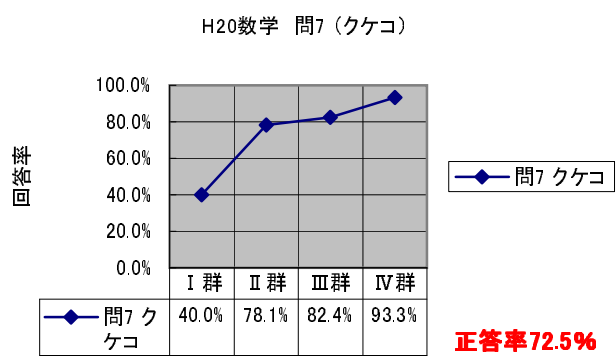
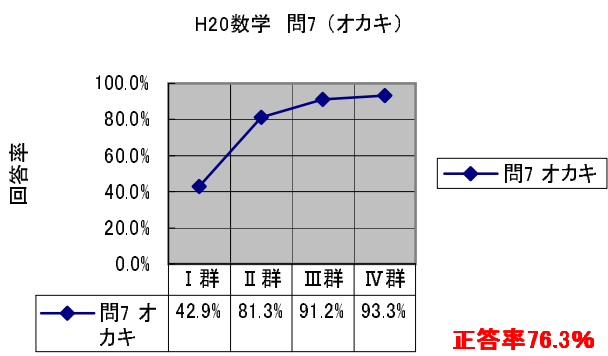
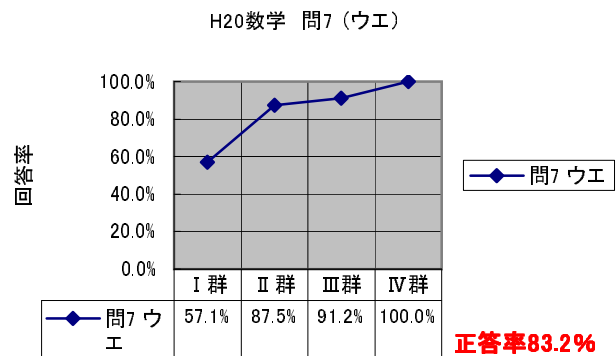
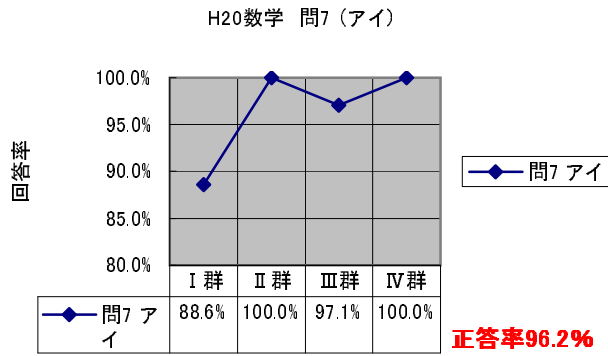
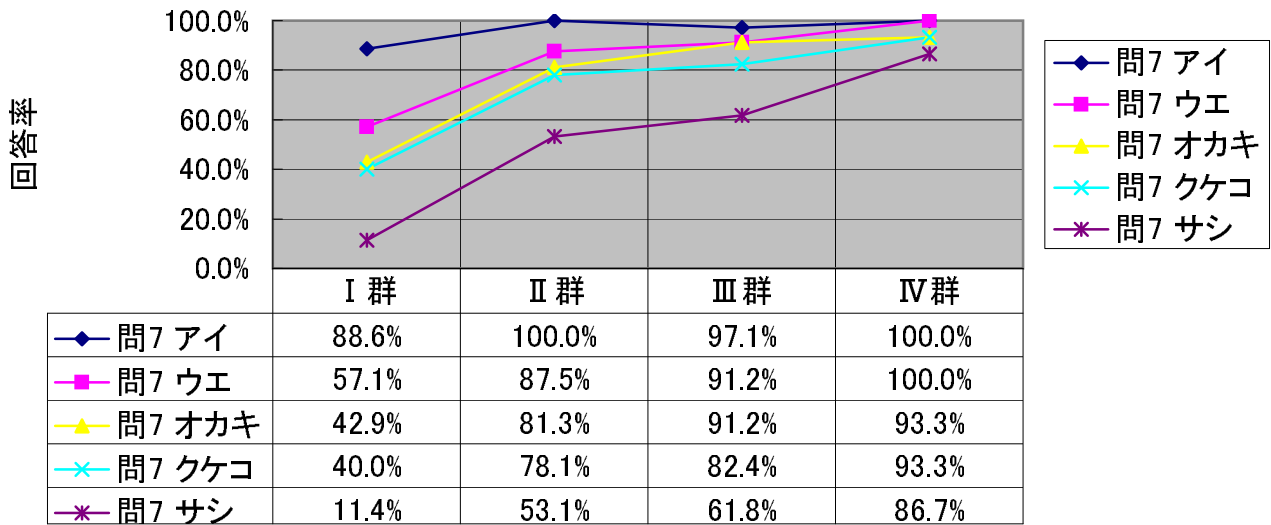
H20数学 問5 (エオカ)



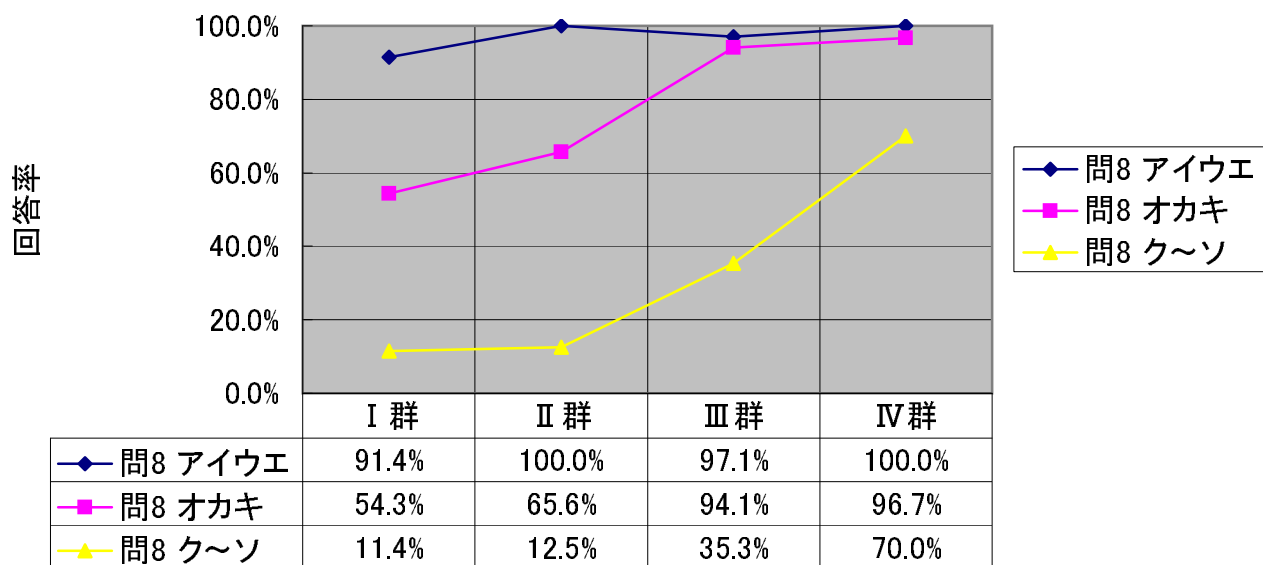
H20数学 問6 (アイウ)



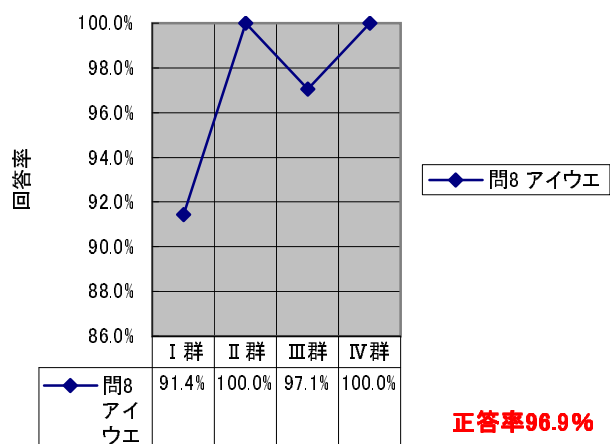
H20数学 問7



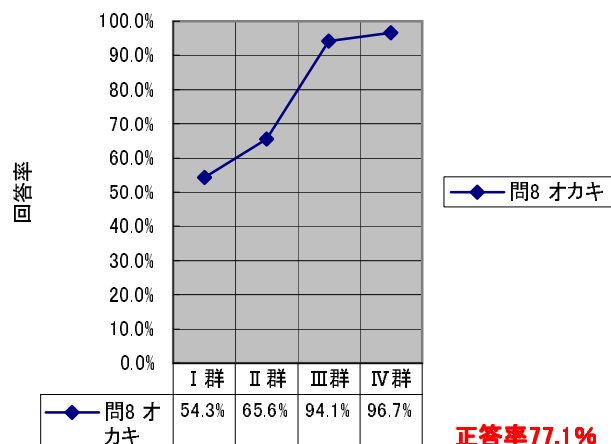
H20数学 問8



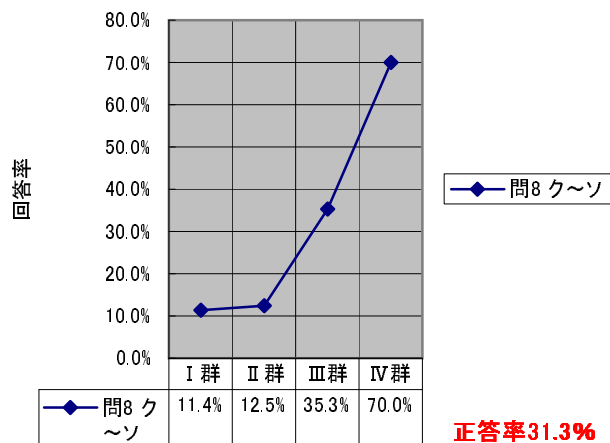
H20数学 問8 (アイウエ)



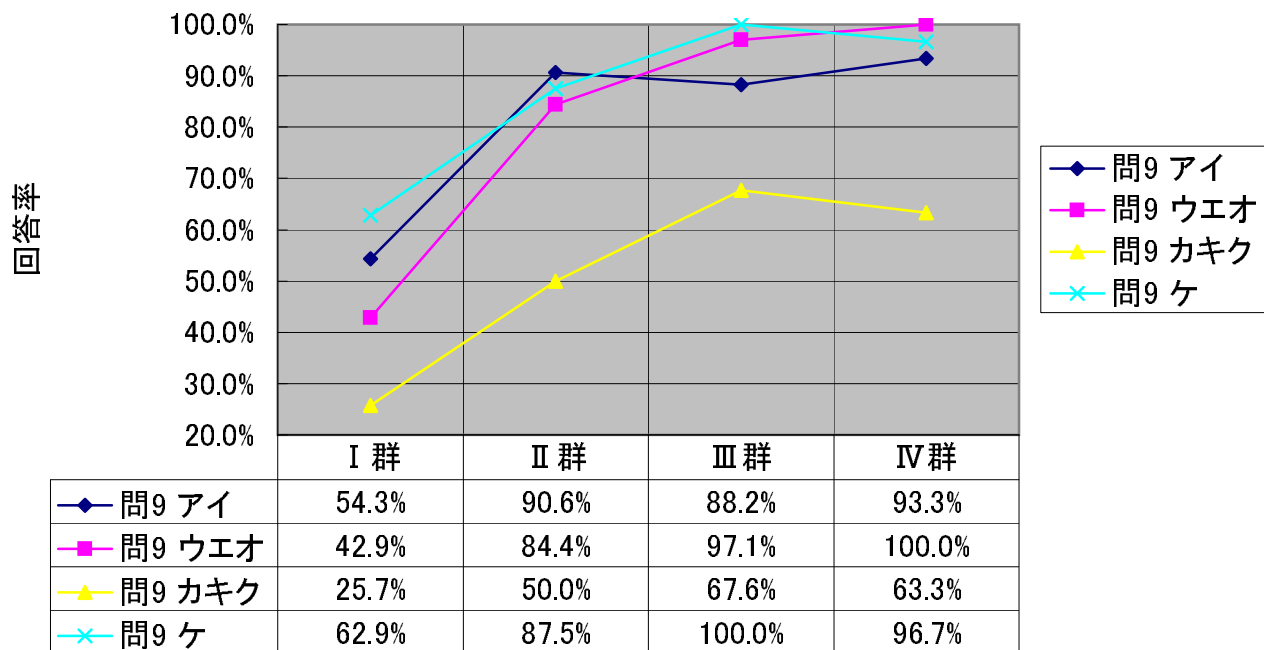
H20数学 問8 (オカキ)



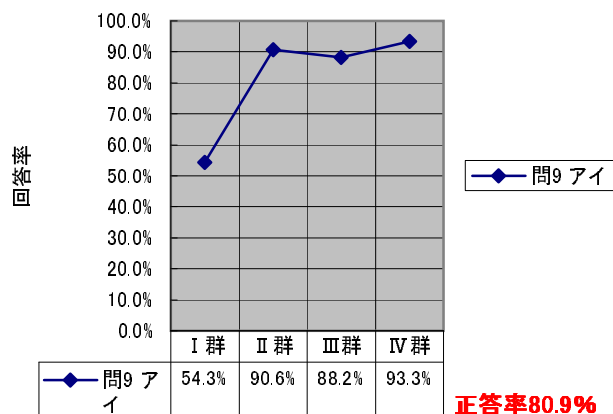
H20数学 問8 (ク～ソ)



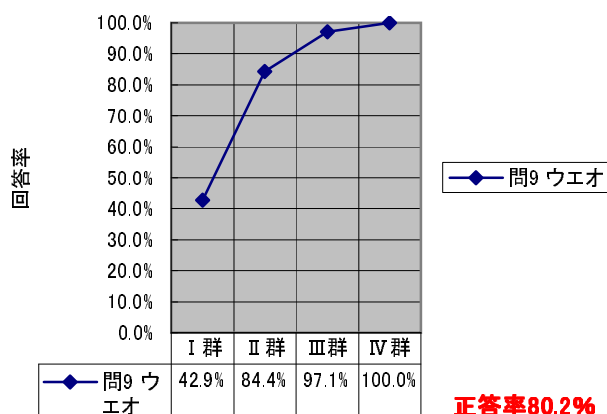
H20数学 問9



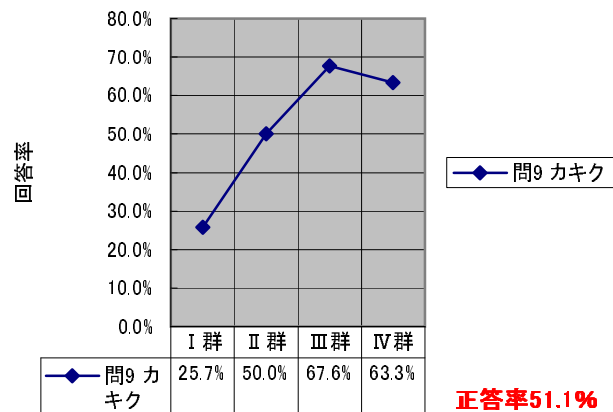
H20数学 問9 (アイ)



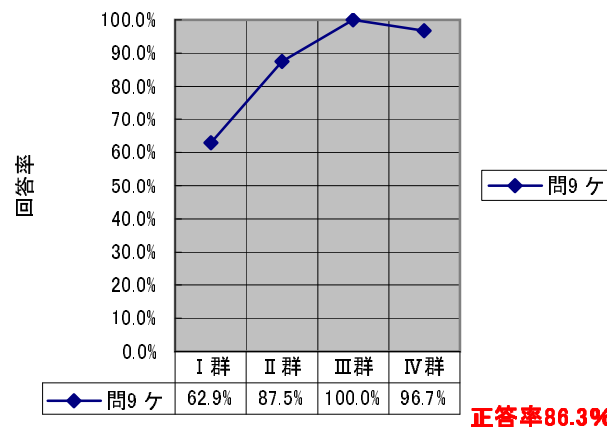
H20数学 問9 (ウエオ)



H20数学 問9 (カキク)

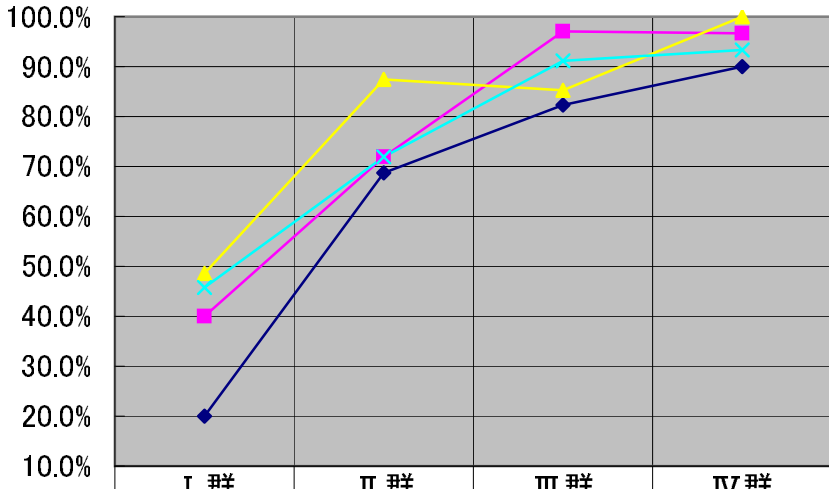


H20数学 問9 (ケ)



H20数学 問10

回答率

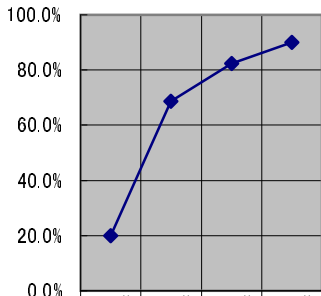


- ◆ 問10 アイウ
- 問10 エオカ
- ▲ 問10 キ
- ✕ 問10 ク

◆ 問10 アイウ	20.0%	68.8%	82.4%	90.0%
■ 問10 エオカ	40.0%	71.9%	97.1%	96.7%
▲ 問10 キ	48.6%	87.5%	85.3%	100.0%
✕ 問10 ク	45.7%	71.9%	91.2%	93.3%

H20数学 問10 (アイウ)

回答率



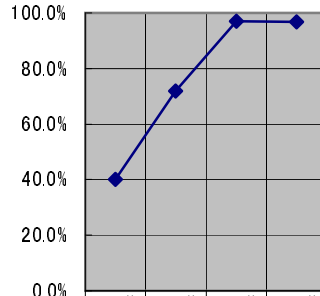
◆ 問10 アイウ

◆ 問10 アイウ	20.0%	68.8%	82.4%	90.0%
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正答率64.1%

H20数学 問10 (エオカ)

回答率



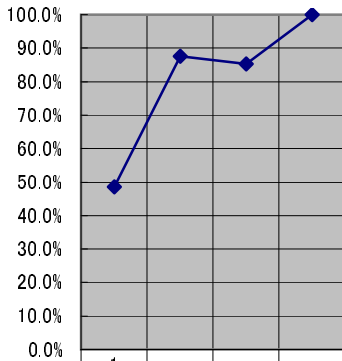
◆ 問10 エオカ

◆ 問10 エオカ	40.0%	71.9%	97.1%	96.7%
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正答率75.6%

H20数学 問10 (キ)

回答率



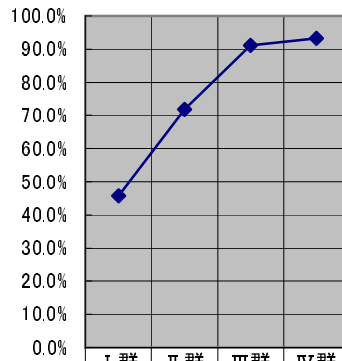
◆ 問10 キ

◆ 問10 キ	48.6%	87.5%	85.3%	100.0%
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正答率79.4%

H20数学 問10 (ク)

回答率

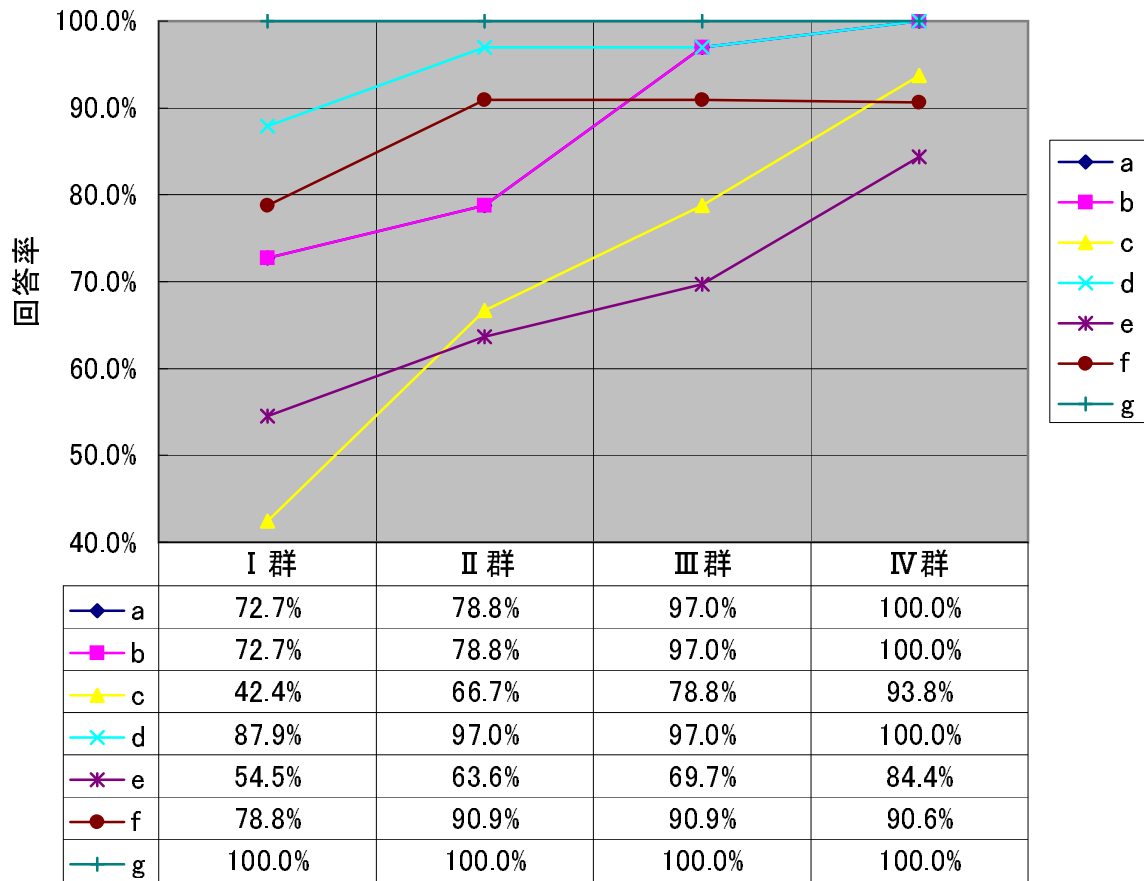


◆ 問10 ク

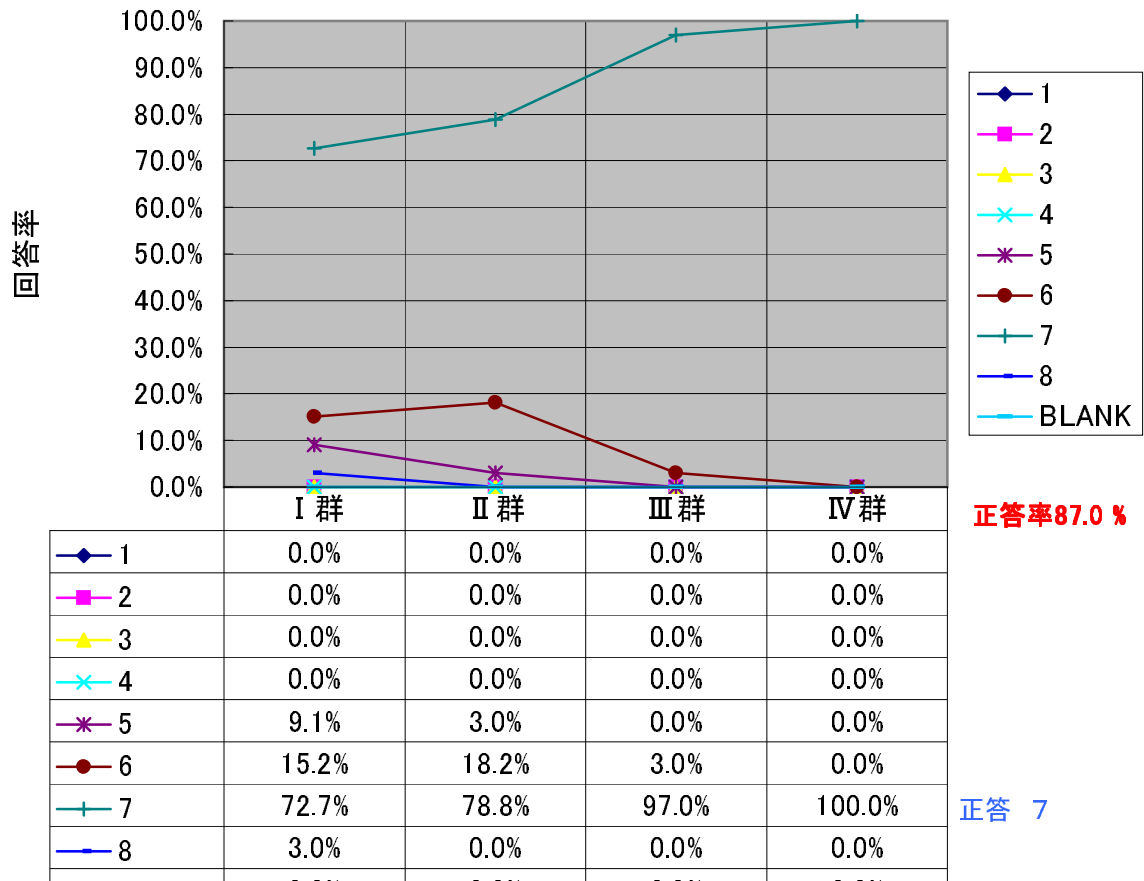
◆ 問10 ク	45.7%	71.9%	91.2%	93.3%
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正答率74.8%

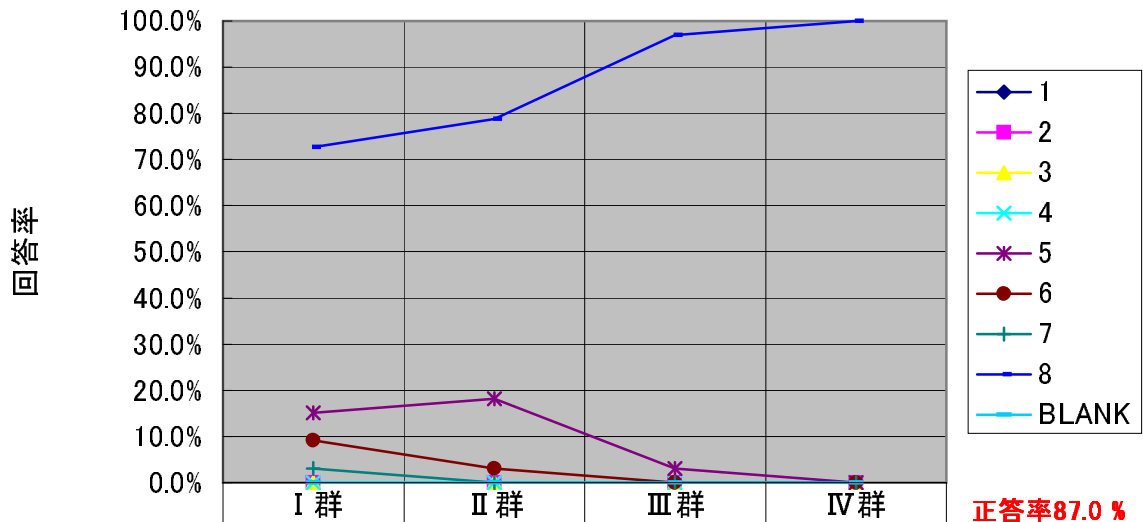
H20物理 問1



H20物理 問1(a)



H20物理 問1(b)

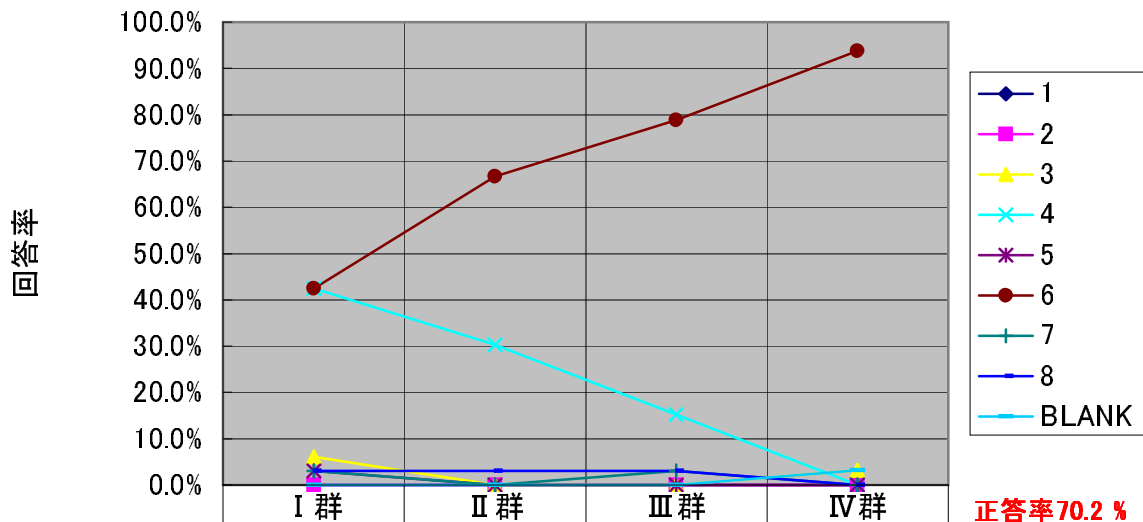


正答率87.0%

	I 群	II 群	III 群	IV 群
◆ 1	0.0%	0.0%	0.0%	0.0%
■ 2	0.0%	0.0%	0.0%	0.0%
▲ 3	0.0%	0.0%	0.0%	0.0%
✕ 4	0.0%	0.0%	0.0%	0.0%
✱ 5	15.2%	18.2%	3.0%	0.0%
● 6	9.1%	3.0%	0.0%	0.0%
+ 7	3.0%	0.0%	0.0%	0.0%
— 8	72.7%	78.8%	97.0%	100.0%

正答 8

H20物理 問1(c)

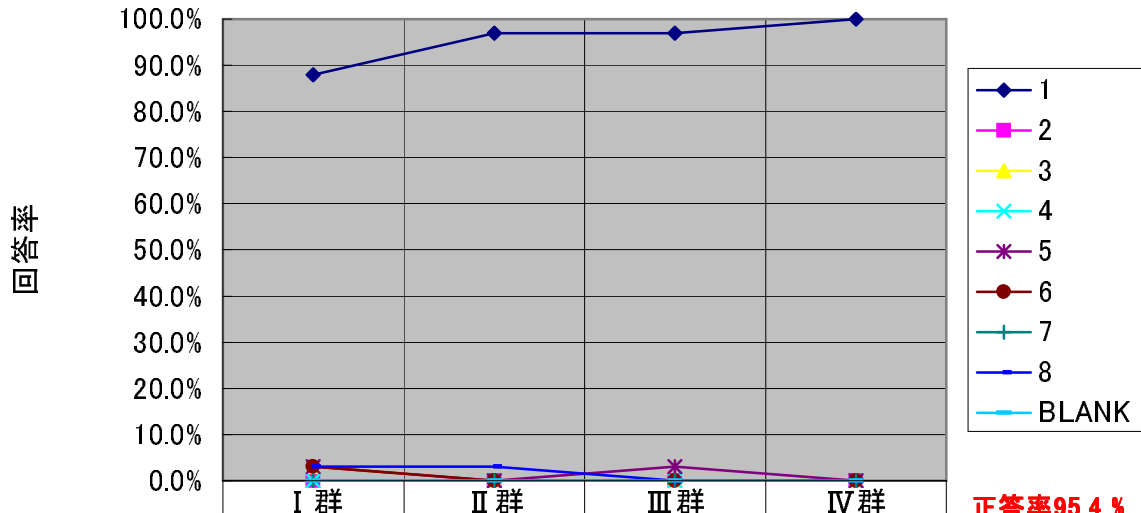


正答率70.2%

	I 群	II 群	III 群	IV 群
◆ 1	0.0%	0.0%	0.0%	0.0%
■ 2	0.0%	0.0%	0.0%	0.0%
▲ 3	6.1%	0.0%	0.0%	3.1%
✕ 4	42.4%	30.3%	15.2%	0.0%
✱ 5	3.0%	0.0%	0.0%	0.0%
● 6	42.4%	66.7%	78.8%	93.8%
+ 7	3.0%	0.0%	3.0%	0.0%
— 8	3.0%	3.0%	3.0%	0.0%

正答 6

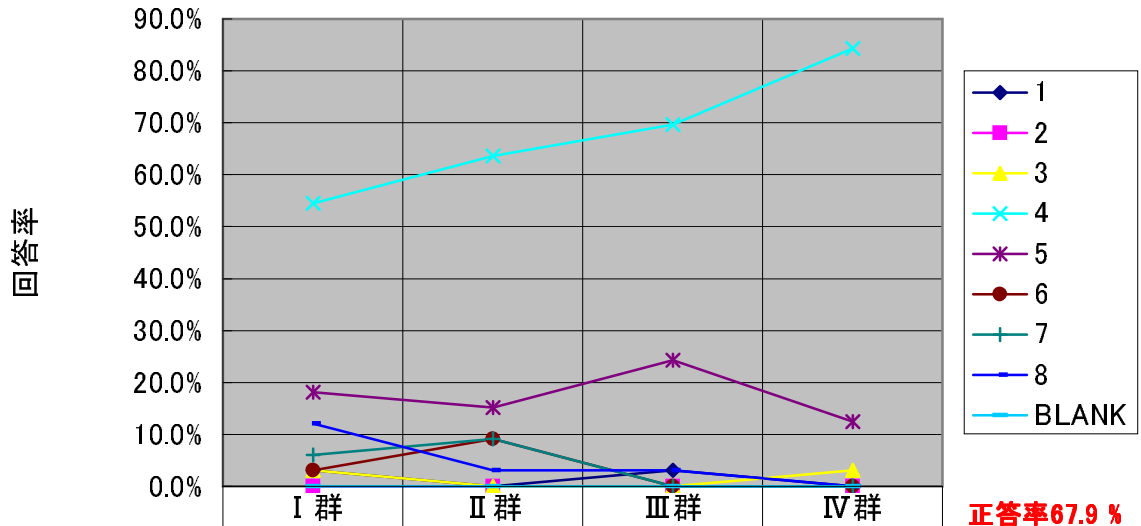
H20物理 問1(d)



	I 群	II 群	III 群	IV 群
1	87.9%	97.0%	97.0%	100.0%
2	0.0%	0.0%	0.0%	0.0%
3	3.0%	0.0%	0.0%	0.0%
4	0.0%	0.0%	0.0%	0.0%
5	3.0%	0.0%	3.0%	0.0%
6	3.0%	0.0%	0.0%	0.0%
7	0.0%	0.0%	0.0%	0.0%
8	3.0%	3.0%	0.0%	0.0%

正答率95.4 %
正答 1

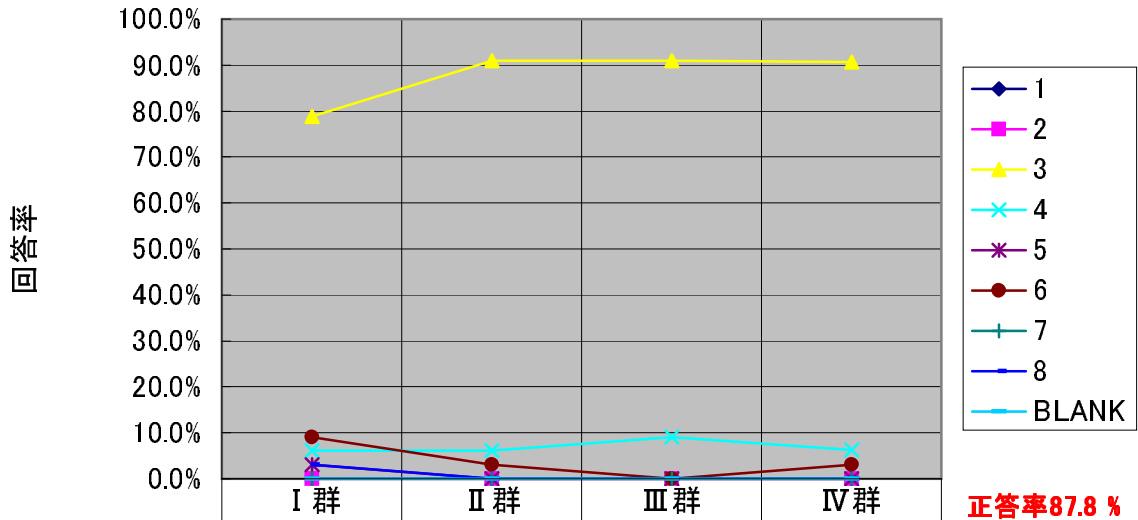
H20物理 問1(e)



	I 群	II 群	III 群	IV 群
1	3.0%	0.0%	3.0%	0.0%
2	0.0%	0.0%	0.0%	0.0%
3	3.0%	0.0%	0.0%	3.1%
4	54.5%	63.6%	69.7%	84.4%
5	18.2%	15.2%	24.2%	12.5%
6	3.0%	9.1%	0.0%	0.0%
7	6.1%	9.1%	0.0%	0.0%
8	12.1%	3.0%	3.0%	0.0%

正答率67.9 %
正答 4

H2O物理 問1 (f)

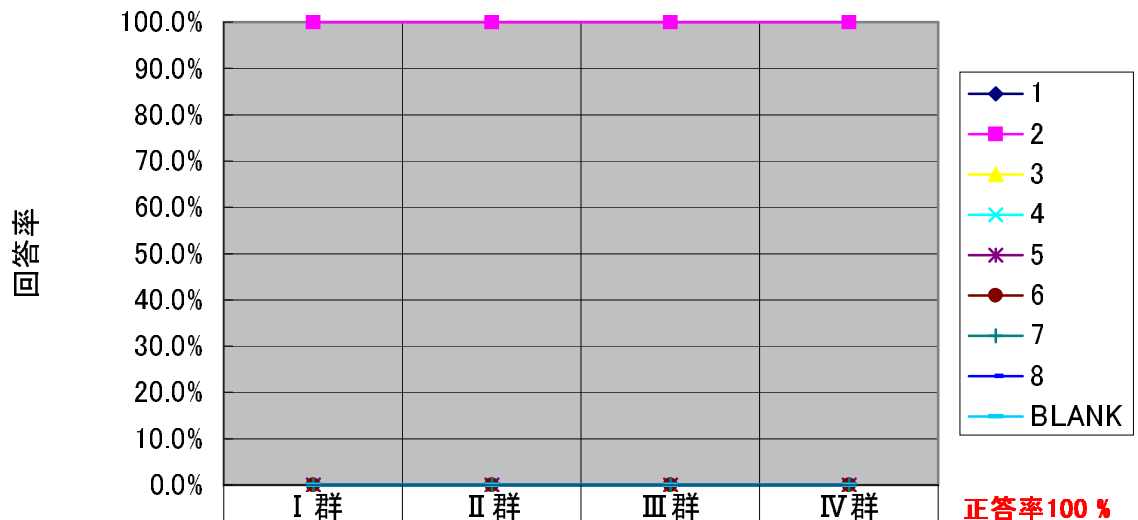


正答率87.8 %

	I 群	II 群	III 群	IV 群
1	0.0%	0.0%	0.0%	0.0%
2	0.0%	0.0%	0.0%	0.0%
3	78.8%	90.9%	90.9%	90.6%
4	6.1%	6.1%	9.1%	6.3%
5	3.0%	0.0%	0.0%	0.0%
6	9.1%	3.0%	0.0%	3.1%
7	0.0%	0.0%	0.0%	0.0%
8	3.0%	0.0%	0.0%	0.0%

正答 3

H2O物理 問1 (g)

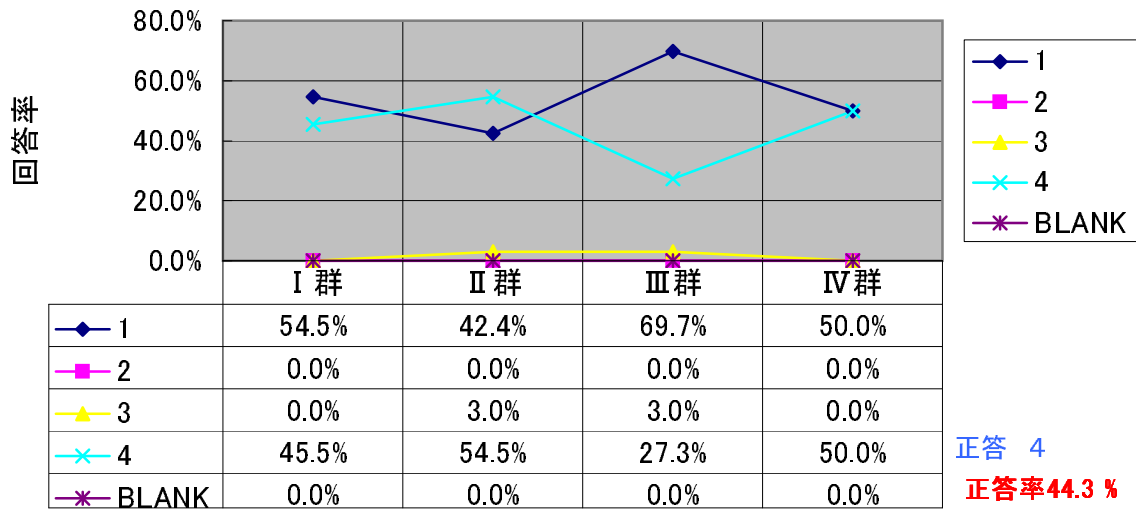


正答率100 %

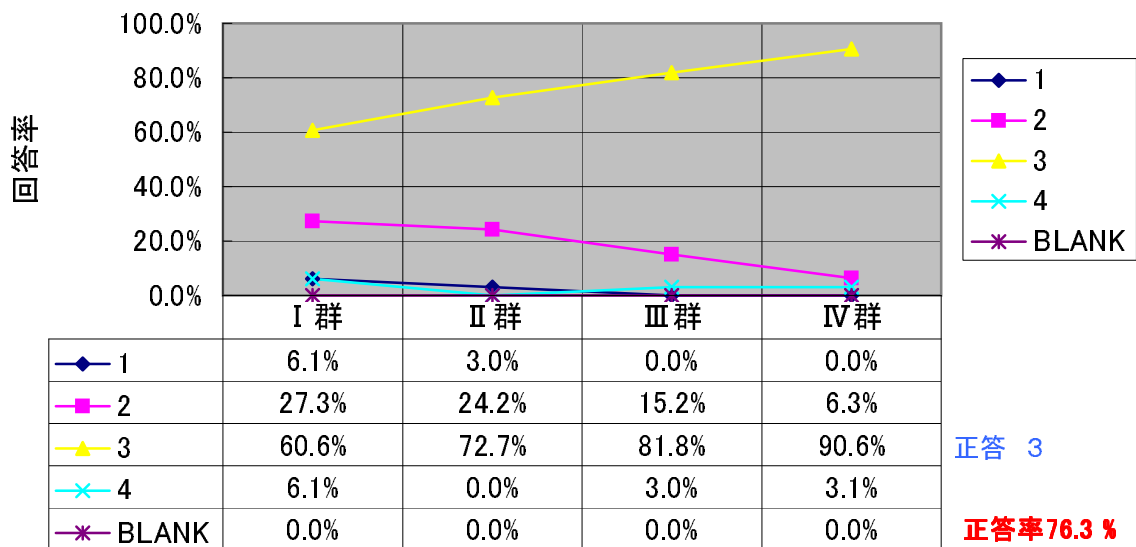
	I 群	II 群	III 群	IV 群
1	0.0%	0.0%	0.0%	0.0%
2	100.0%	100.0%	100.0%	100.0%
3	0.0%	0.0%	0.0%	0.0%
4	0.0%	0.0%	0.0%	0.0%
5	0.0%	0.0%	0.0%	0.0%
6	0.0%	0.0%	0.0%	0.0%
7	0.0%	0.0%	0.0%	0.0%
8	0.0%	0.0%	0.0%	0.0%

正答 2

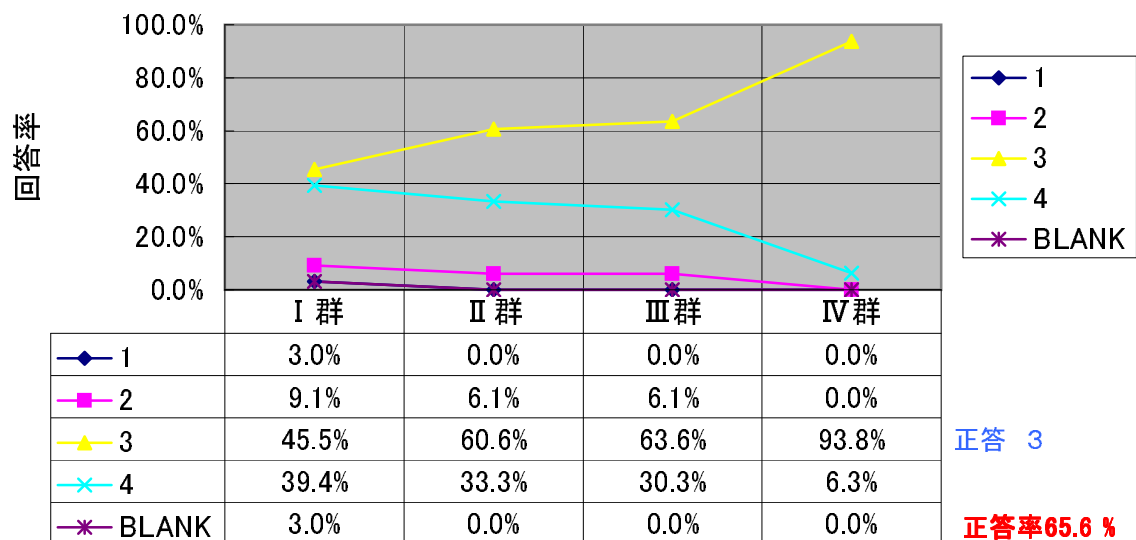
H20物理 問2(a)



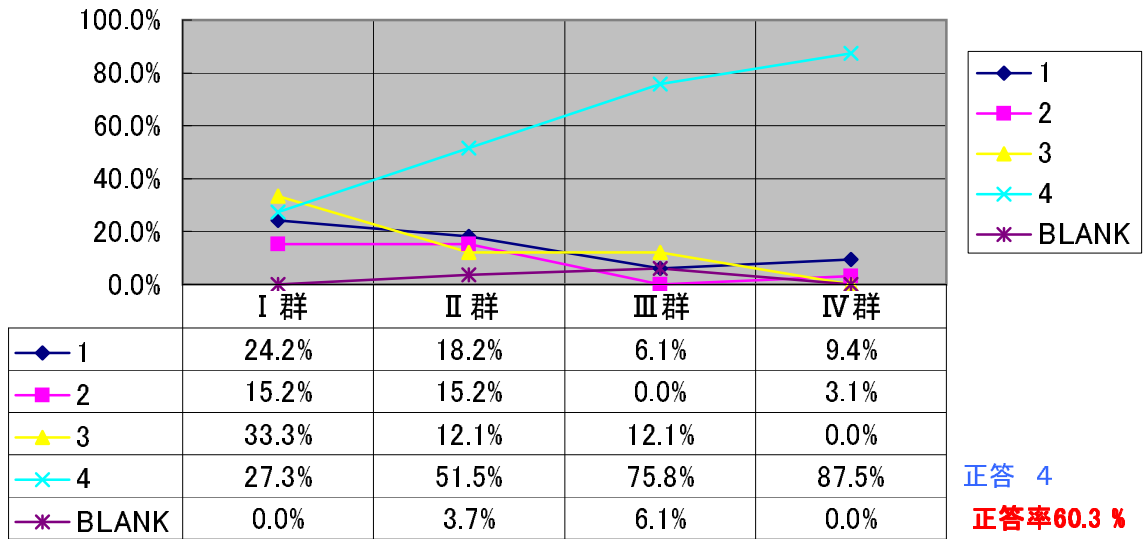
H20物理 問2(b)



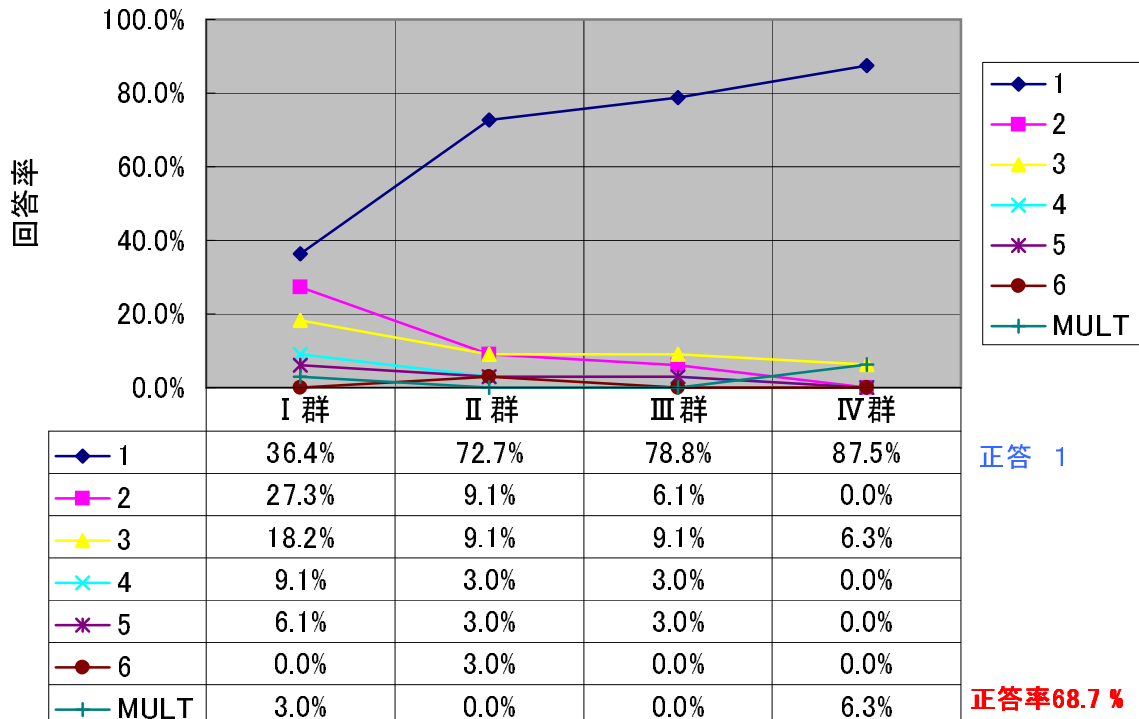
H20物理 問2(c)



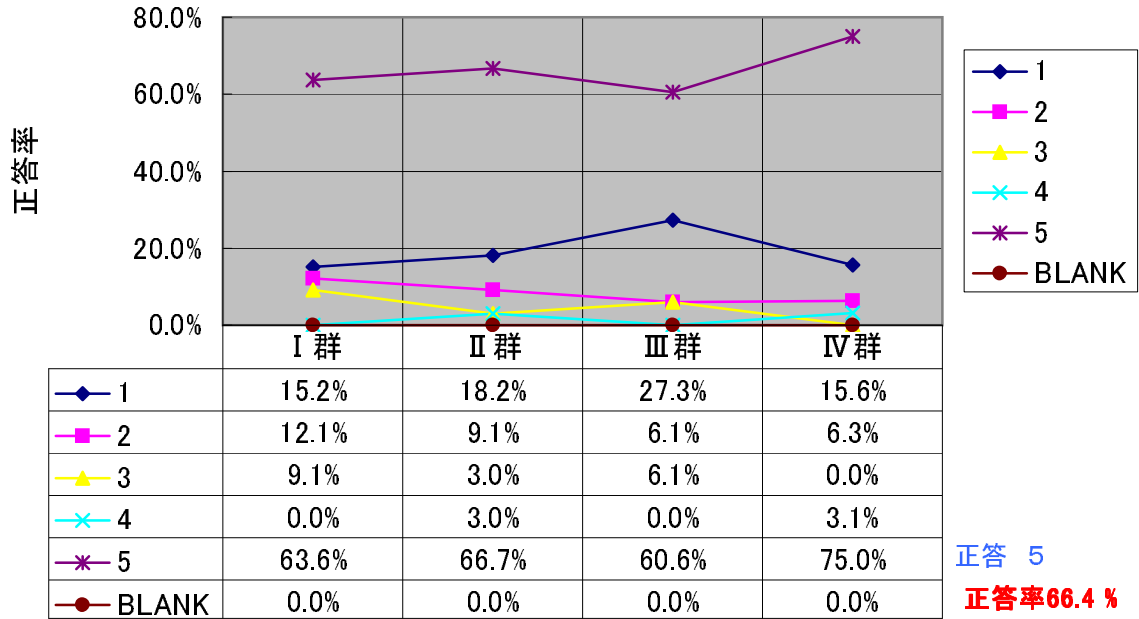
H20物理 問2(d)



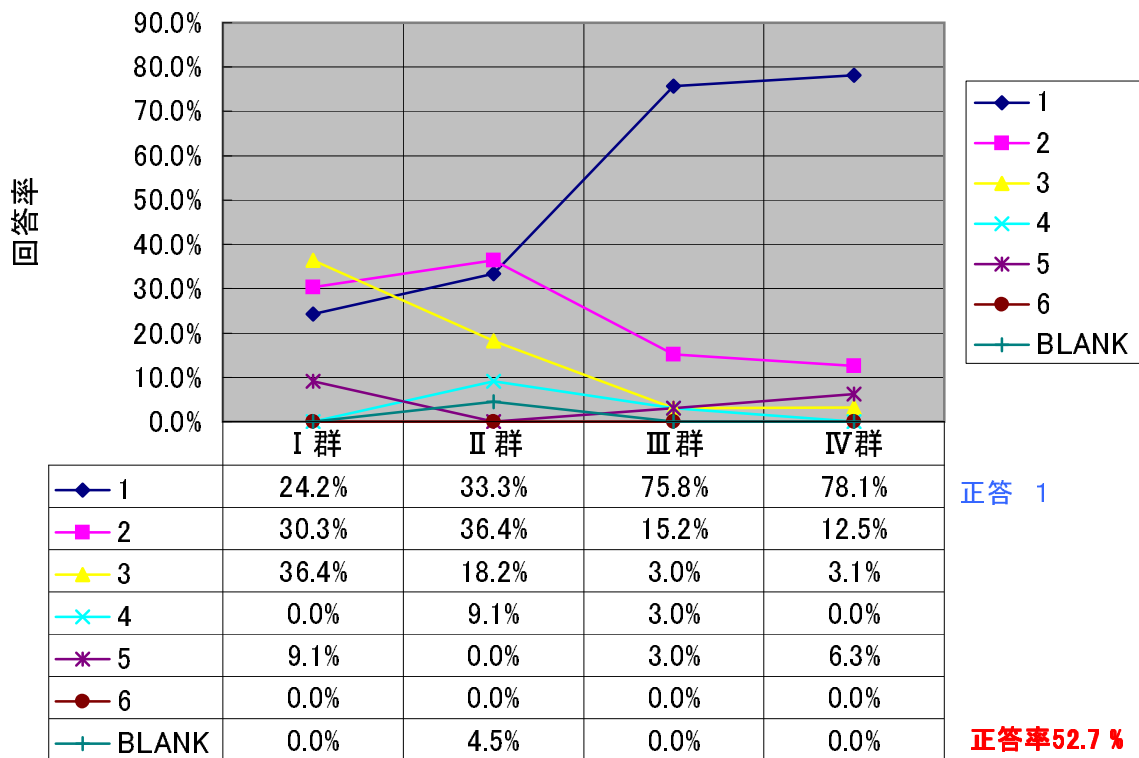
H20物理 問3



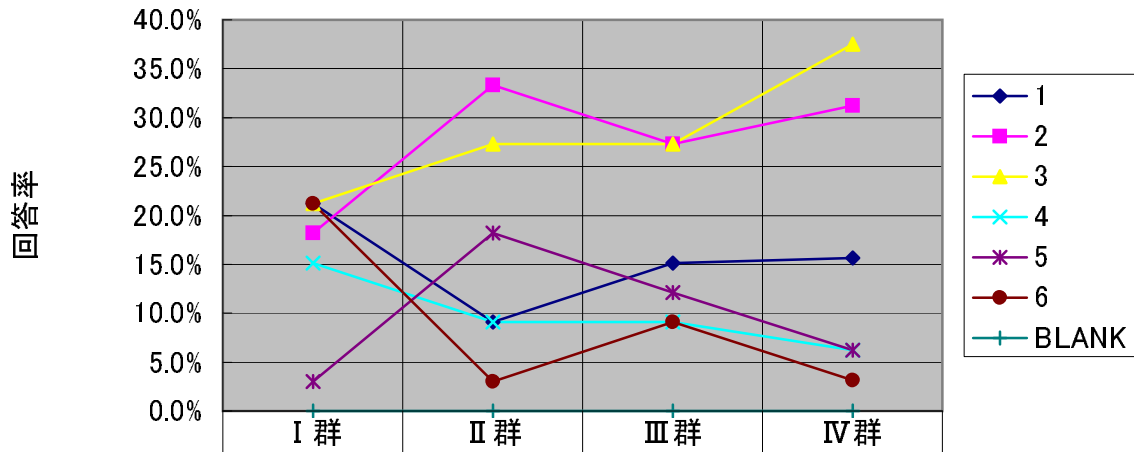
H2O物理 問4



H2O物理 問5



H2O物理 問6

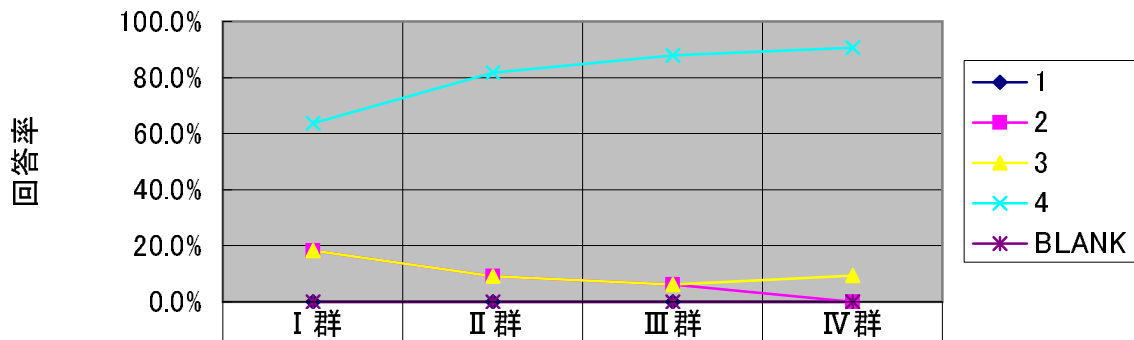


◆ 1	21.2%	9.1%	15.2%	15.6%
■ 2	18.2%	33.3%	27.3%	31.3%
▲ 3	21.2%	27.3%	27.3%	37.5%
✕ 4	15.2%	9.1%	9.1%	6.3%
✱ 5	3.0%	18.2%	12.1%	6.3%
● 6	21.2%	3.0%	9.1%	3.1%
—+— BLANK	0.0%	0.0%	0.0%	0.0%

正答 3

正答率28.2 %

H2O物理 問7

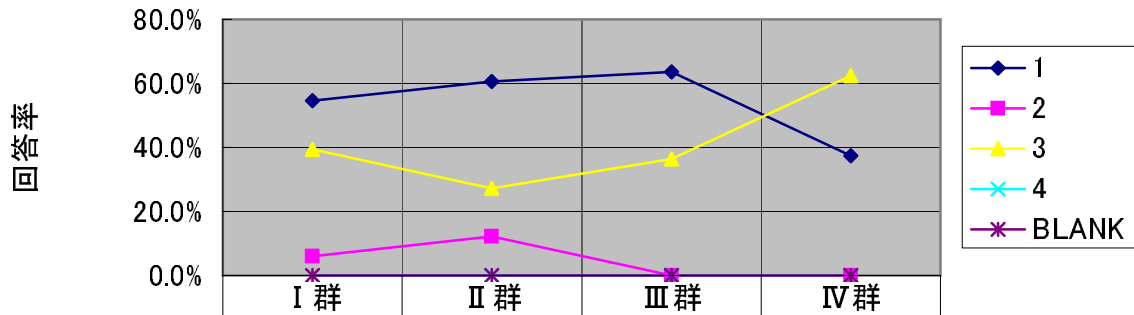


◆ 1	0.0%	0.0%	0.0%	0.0%
■ 2	18.2%	9.1%	6.1%	0.0%
▲ 3	18.2%	9.1%	6.1%	9.4%
✕ 4	63.6%	81.8%	87.9%	90.6%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

正答 4

正答率80.9 %

H20物理 問8(a)

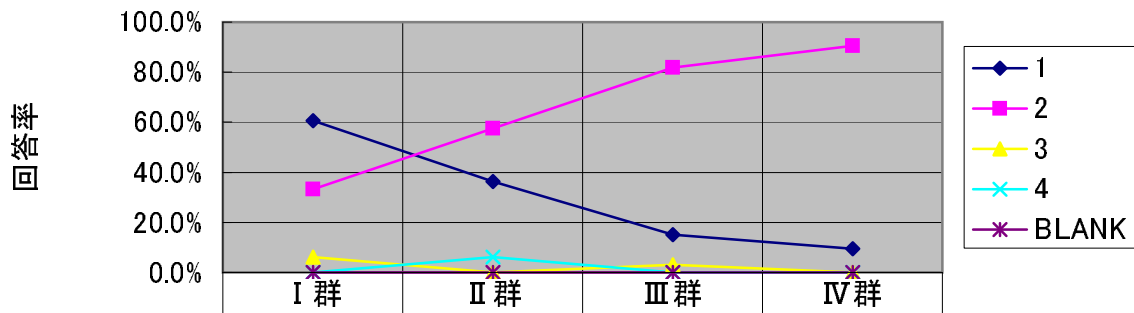


	I 群	II 群	III 群	IV 群
◆ 1	54.5%	60.6%	63.6%	37.5%
■ 2	6.1%	12.1%	0.0%	0.0%
▲ 3	39.4%	27.3%	36.4%	62.5%
✕ 4	0.0%	0.0%	0.0%	0.0%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

正答 3

正答率41.2 %

H20物理 問8(b)

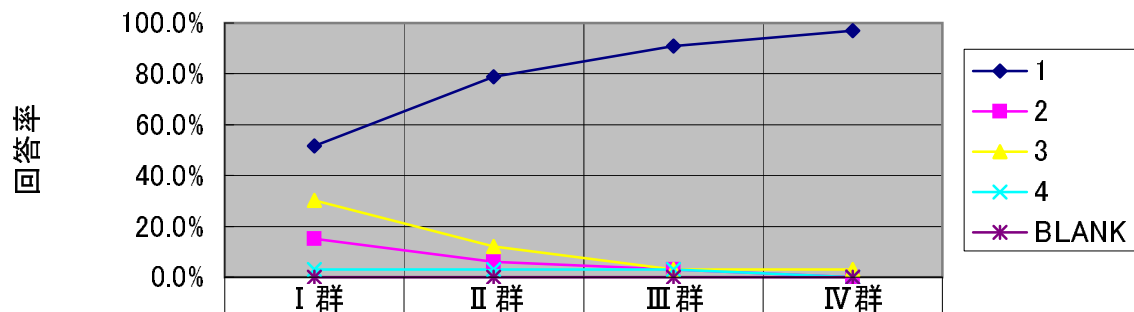


	I 群	II 群	III 群	IV 群
◆ 1	60.6%	36.4%	15.2%	9.4%
■ 2	33.3%	57.6%	81.8%	90.6%
▲ 3	6.1%	0.0%	3.0%	0.0%
✕ 4	0.0%	6.1%	0.0%	0.0%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

正答 2

正答率65.6 %

H20物理 問8(c)

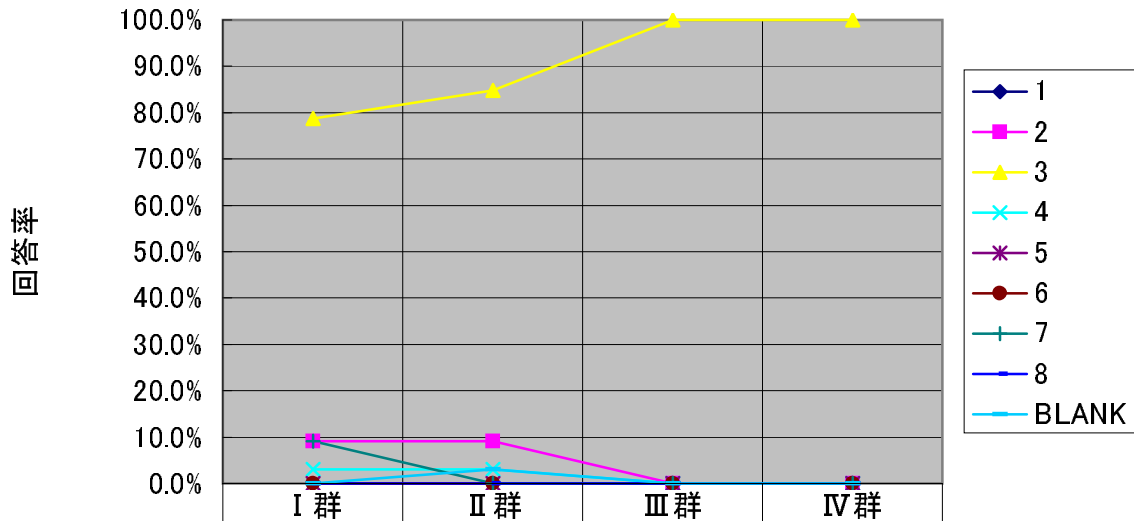


	I 群	II 群	III 群	IV 群
◆ 1	51.5%	78.8%	90.9%	96.9%
■ 2	15.2%	6.1%	3.0%	0.0%
▲ 3	30.3%	12.1%	3.0%	3.1%
✕ 4	3.0%	3.0%	3.0%	0.0%
✱ BLANK	0.0%	0.0%	0.0%	0.0%

正答 1

正答率79.4 %

H20物理 問9(a)

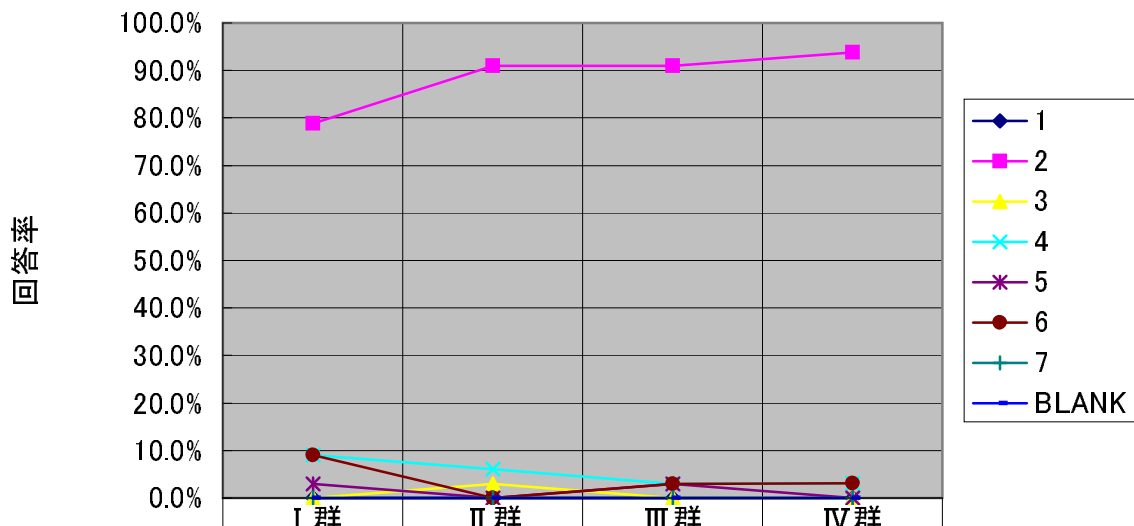


	I 群	II 群	III 群	IV 群
1	0.0%	0.0%	0.0%	0.0%
2	9.1%	9.1%	0.0%	0.0%
3	78.8%	84.8%	100.0%	100.0%
4	3.0%	3.0%	0.0%	0.0%
5	0.0%	0.0%	0.0%	0.0%
6	0.0%	0.0%	0.0%	0.0%
7	9.1%	0.0%	0.0%	0.0%
8	0.0%	0.0%	0.0%	0.0%

正答 3

正答率90.8 %

H20物理 問9(b)

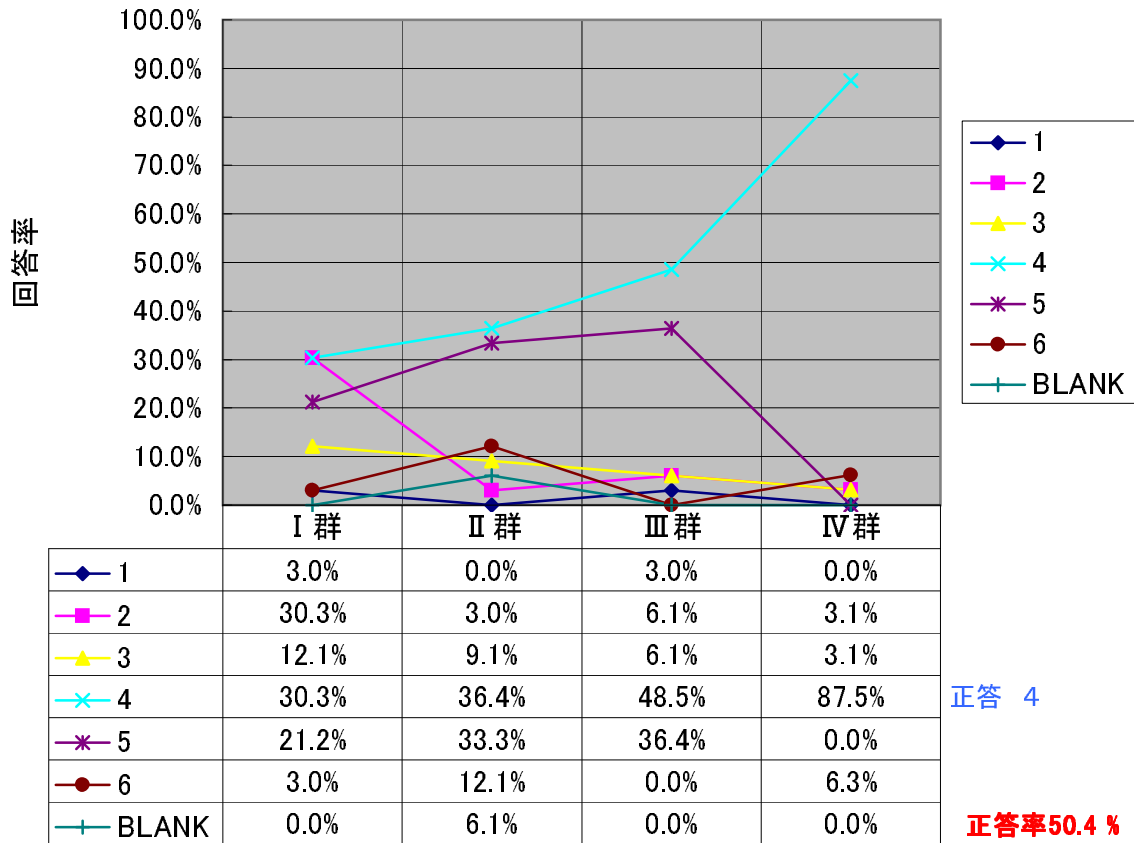


	I 群	II 群	III 群	IV 群
1	0.0%	0.0%	0.0%	0.0%
2	78.8%	90.9%	90.9%	93.8%
3	0.0%	3.0%	0.0%	0.0%
4	9.1%	6.1%	3.0%	3.1%
5	3.0%	0.0%	3.0%	0.0%
6	9.1%	0.0%	3.0%	3.1%
7	0.0%	0.0%	0.0%	0.0%
BLANK	0.0%	0.0%	0.0%	0.0%

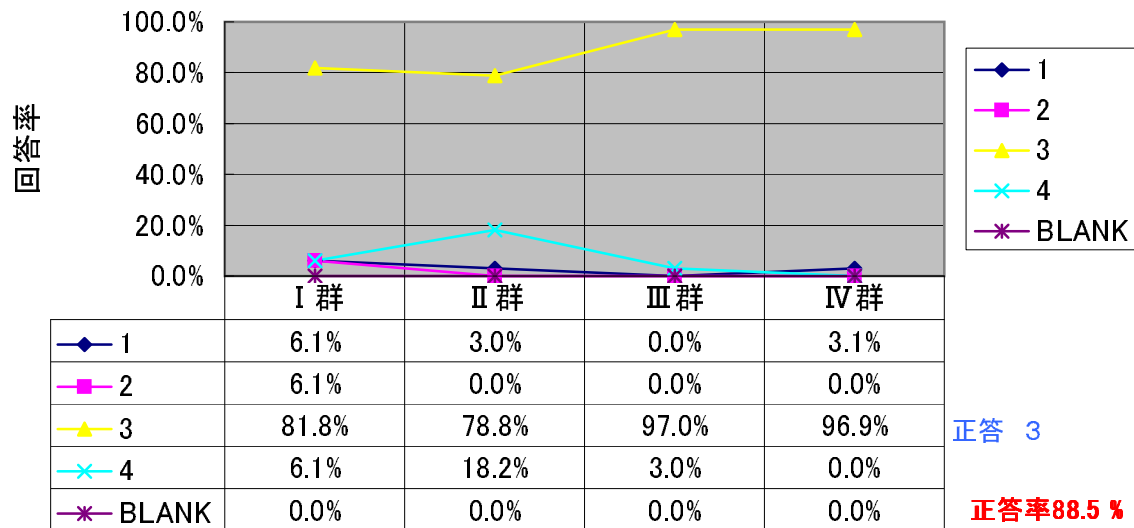
正答 2

正答率88.5 %

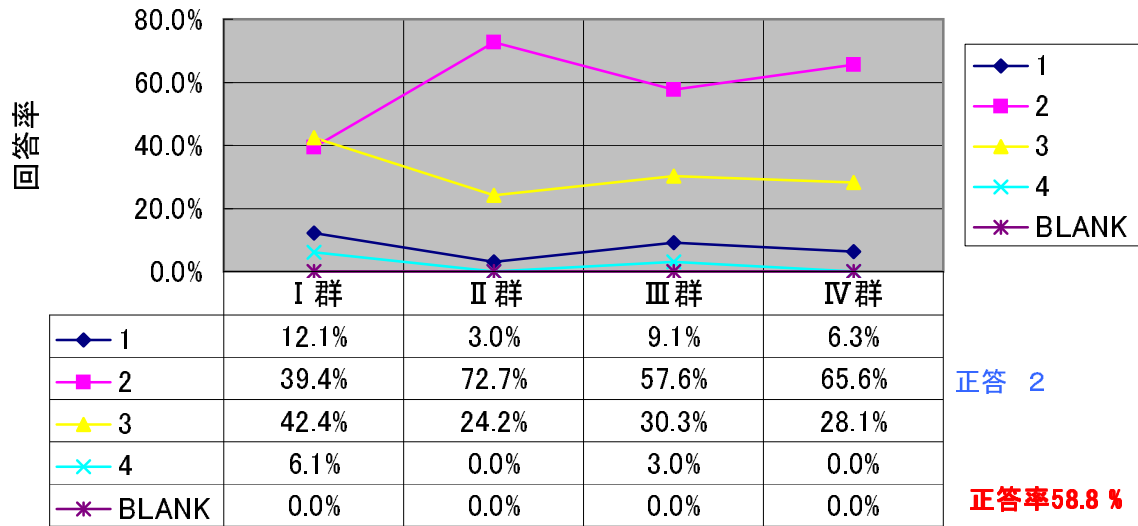
H20物理 問9(c)



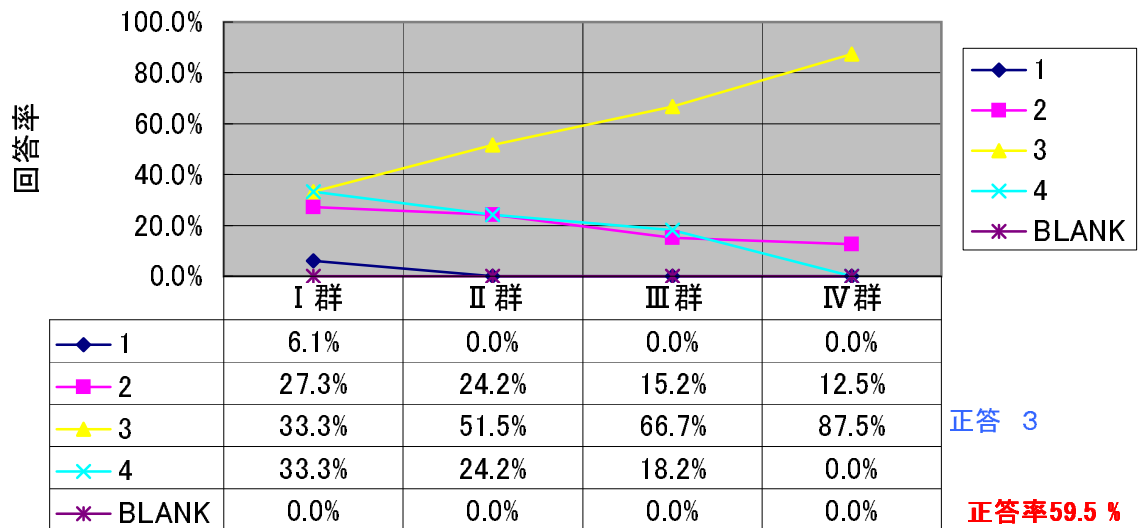
H20物理 問10



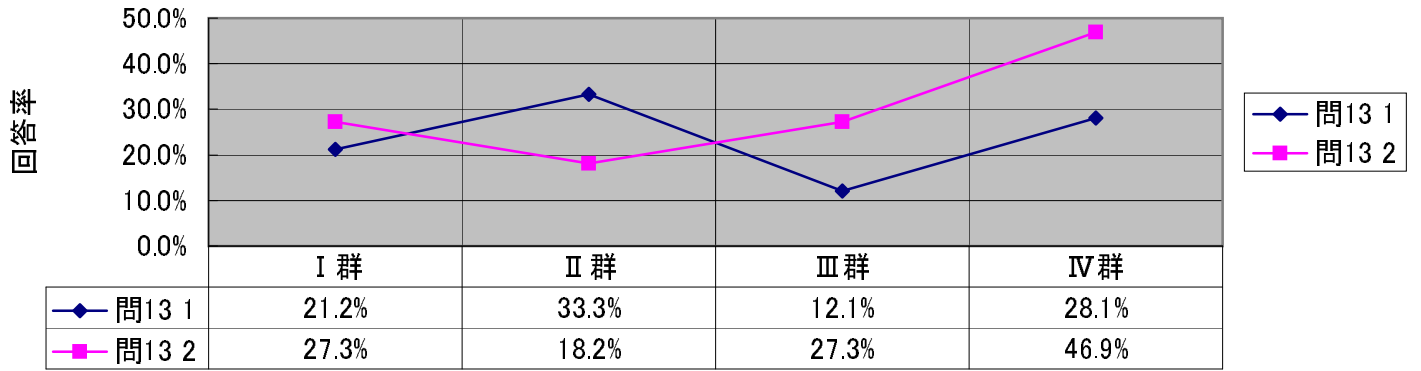
H2O物理 問11



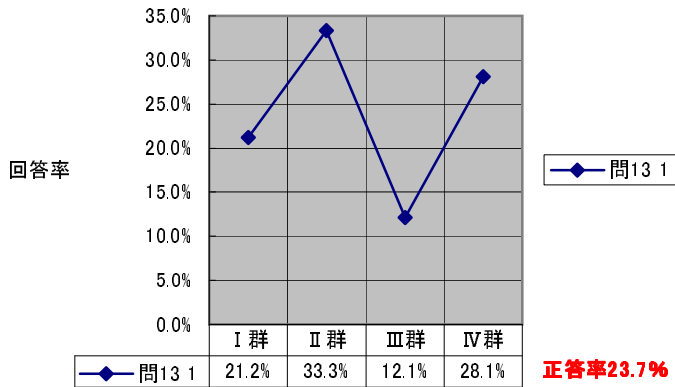
H2O物理 問12



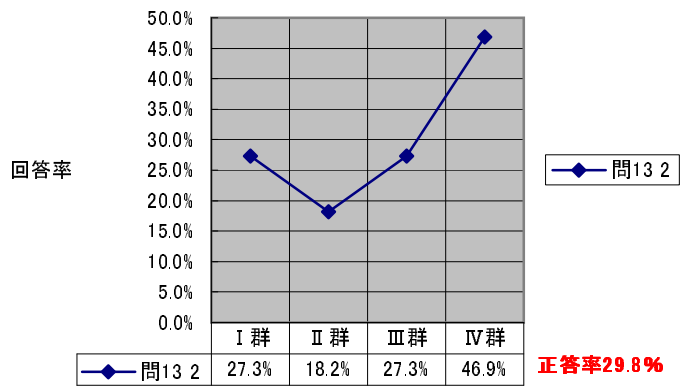
H20物理 問13



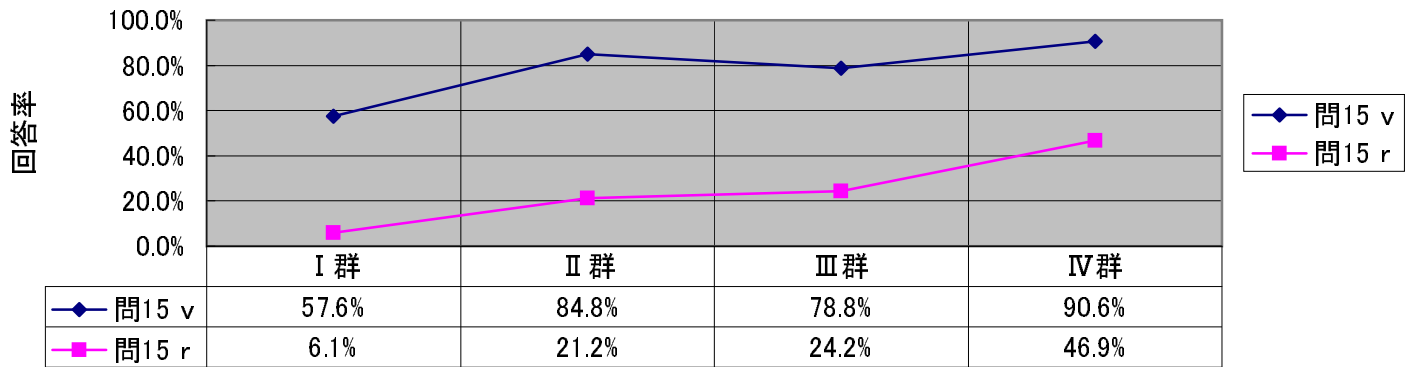
H20物理 問13 (1)



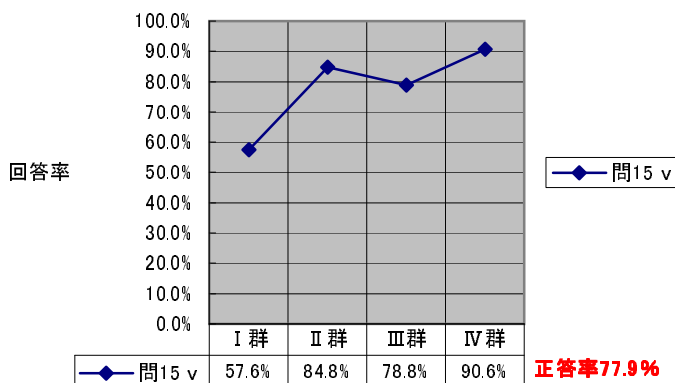
H20物理 問13 (2)



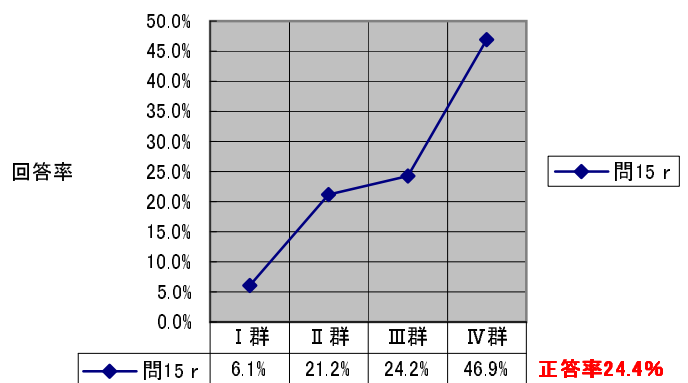
H20物理 問15



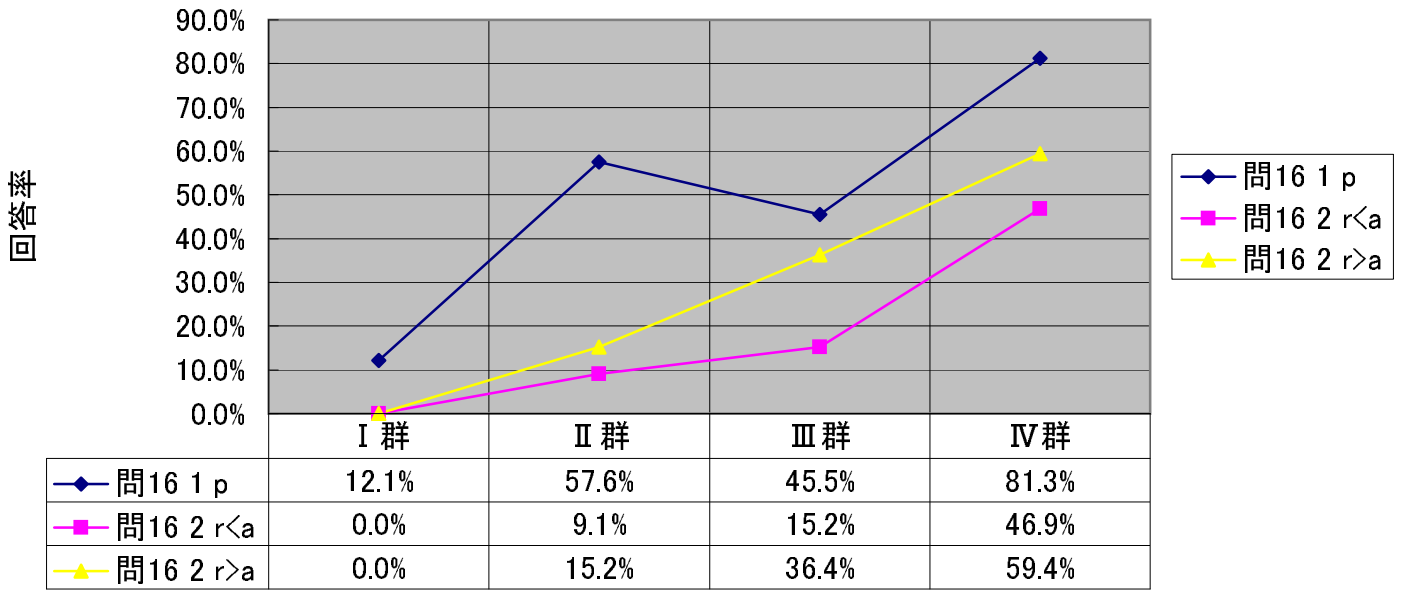
H20物理 問15 v



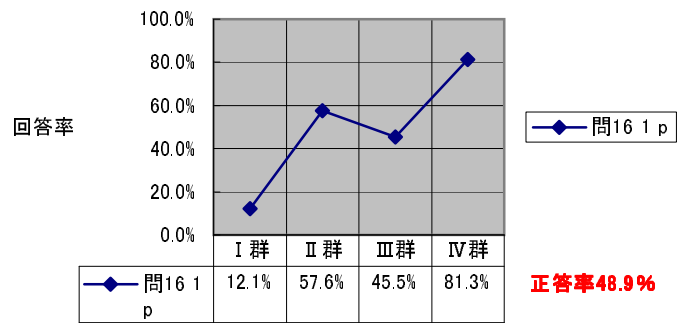
H20物理 問15 r



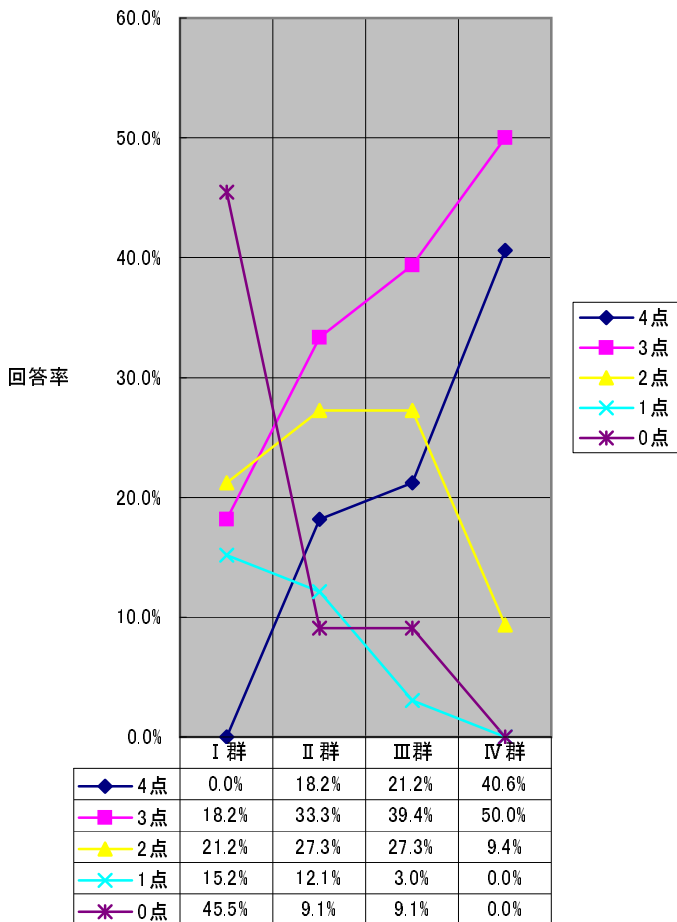
H20物理 問16



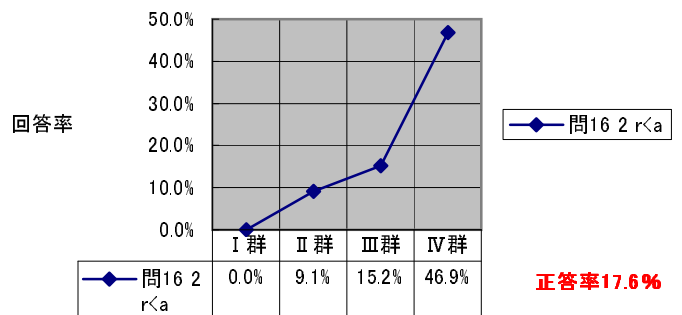
H20物理 問16 (1) p



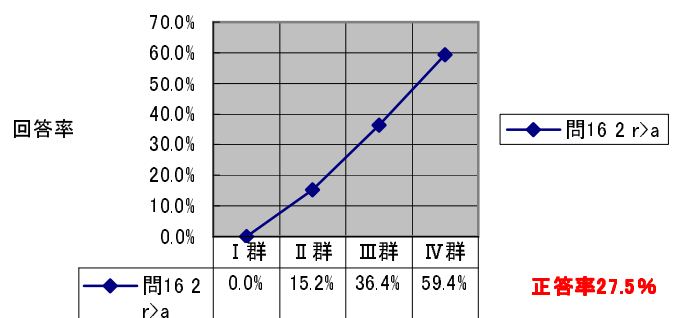
H20物理 問14



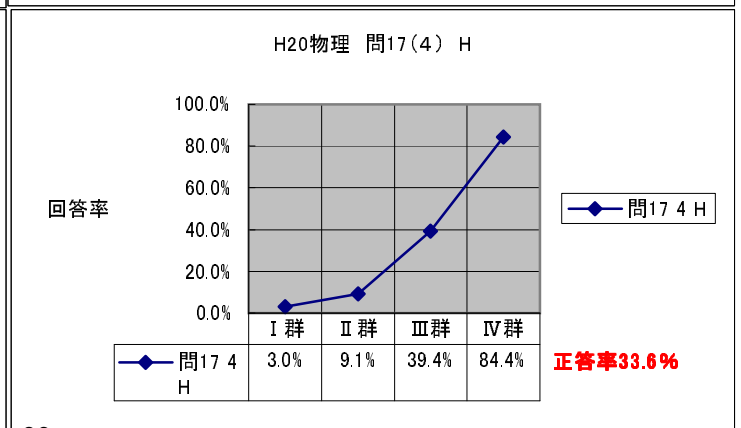
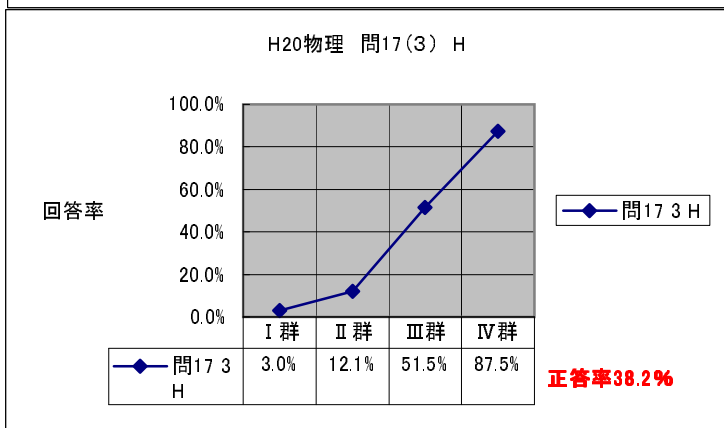
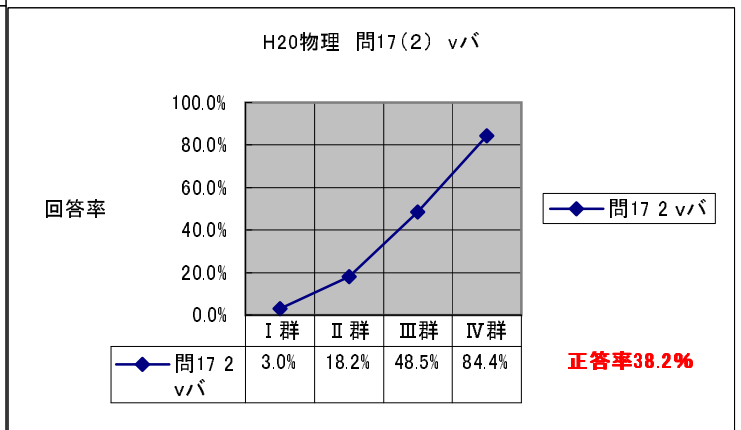
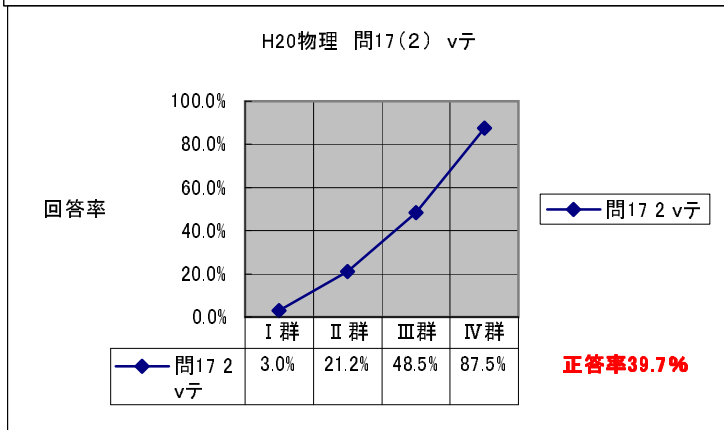
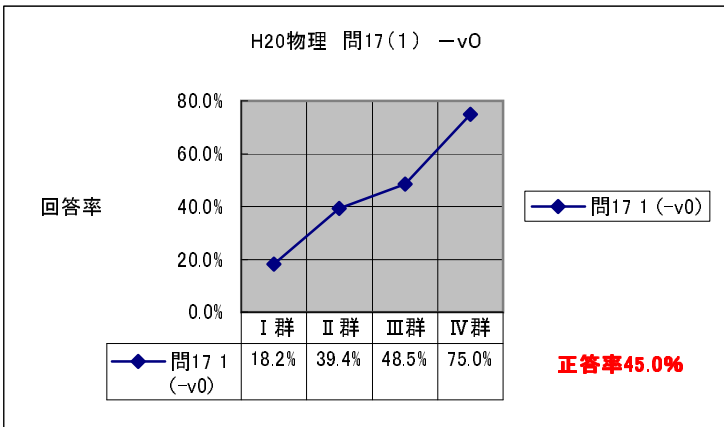
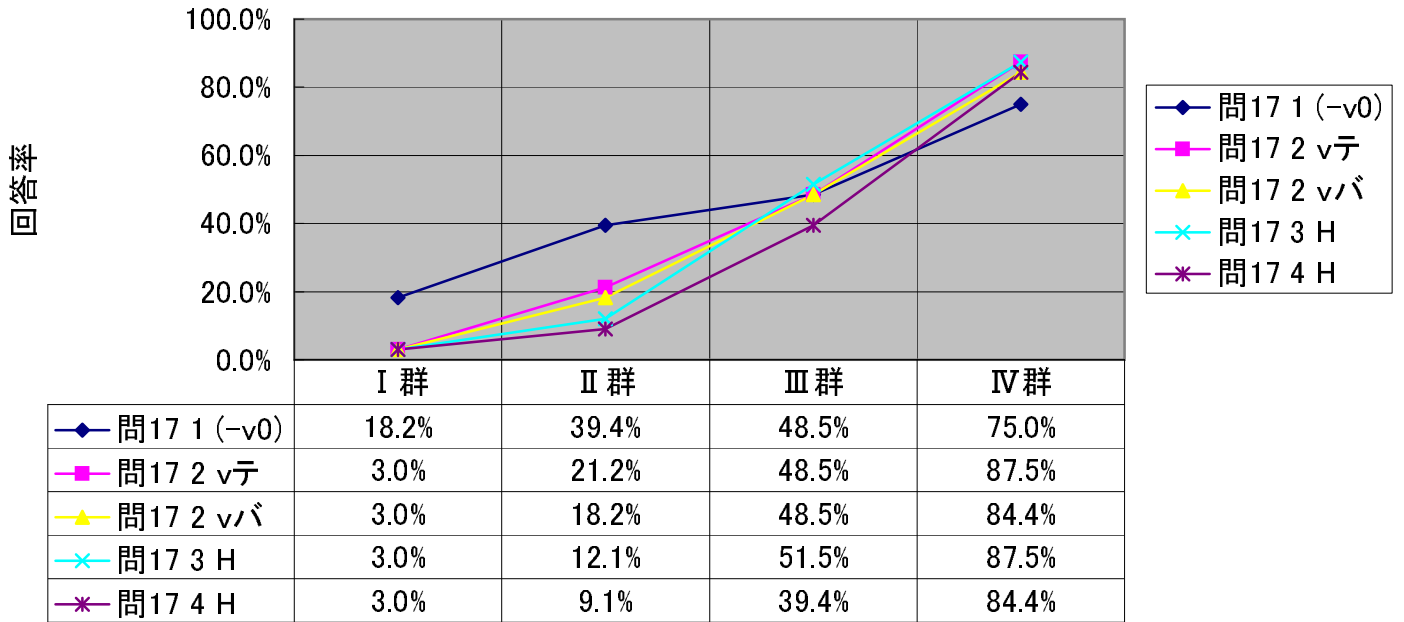
H20物理 問16(2) r<a



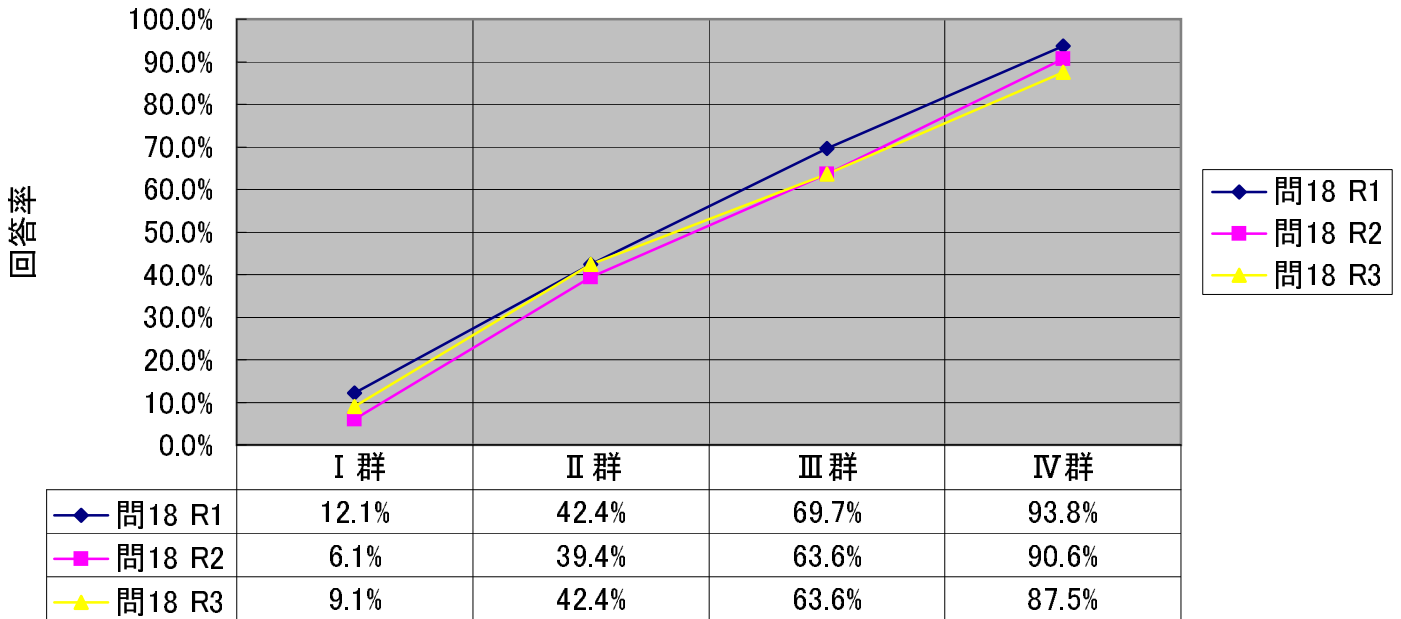
H20物理 問16(2) r>a



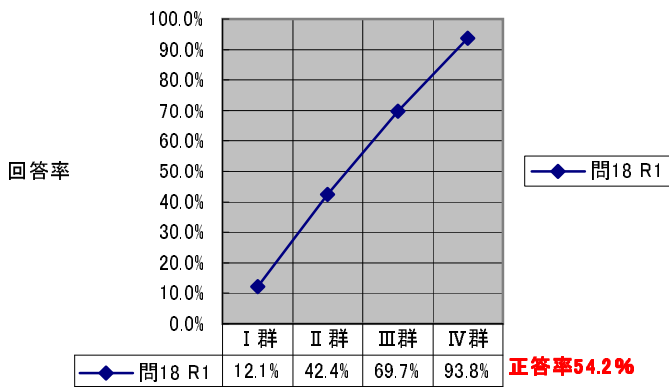
H20物理 問17



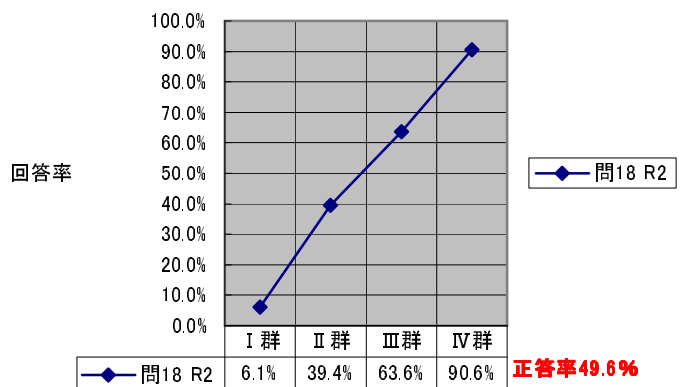
H20物理 問18



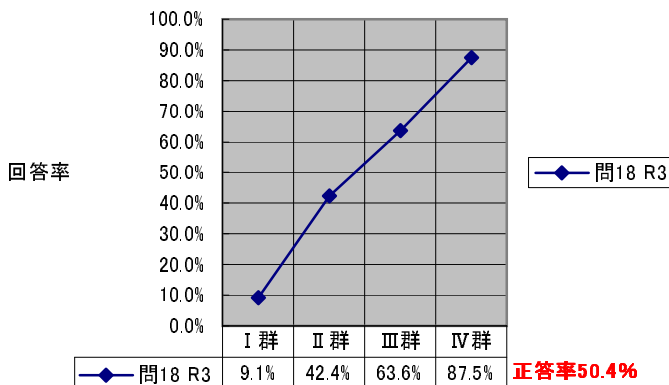
H20物理 問18 R1



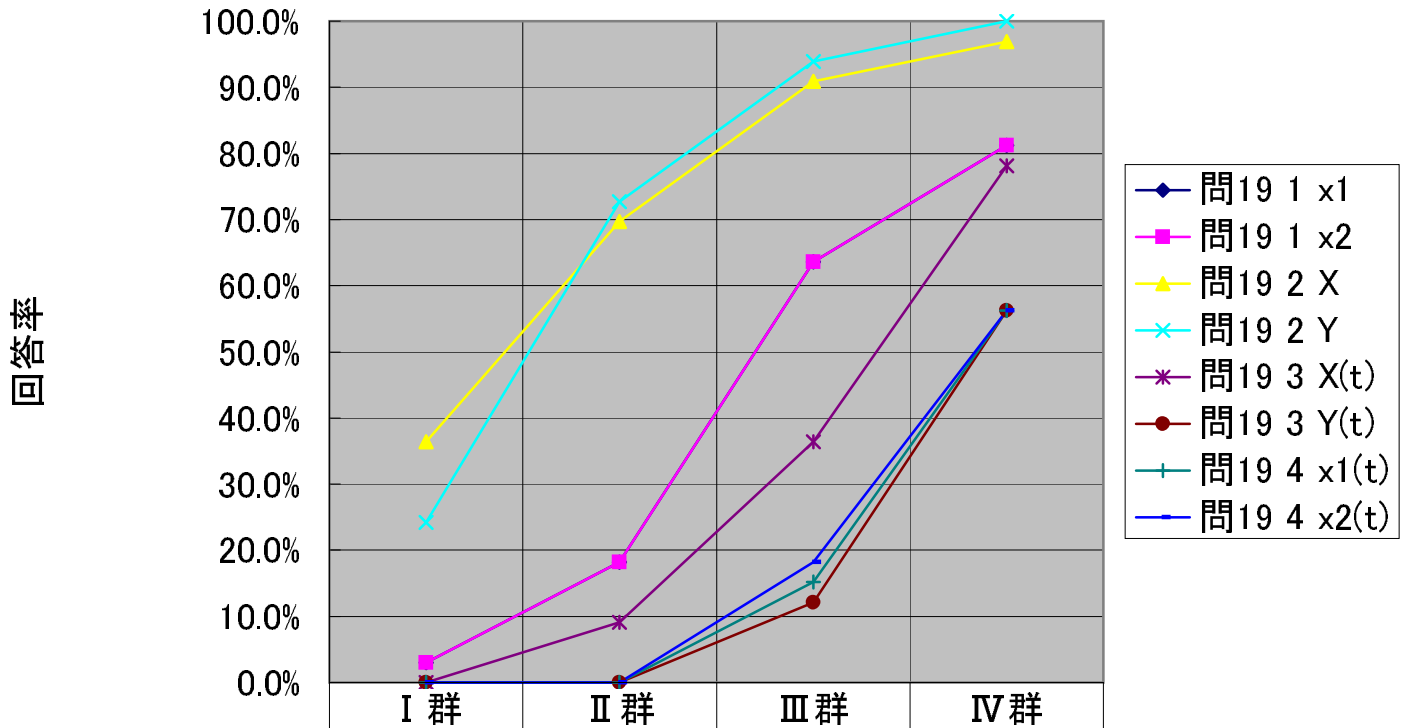
H20物理 問18 R2



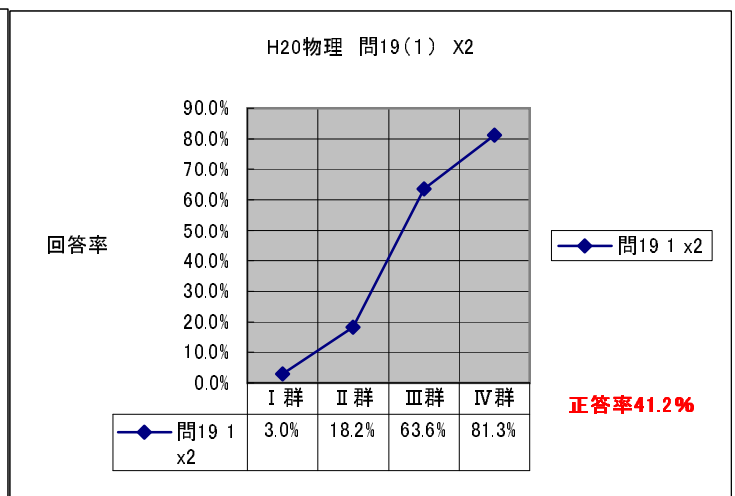
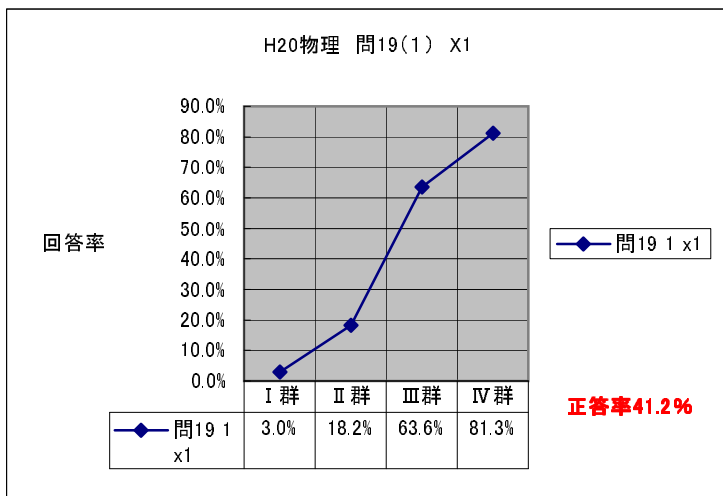
H20物理 問18 R3



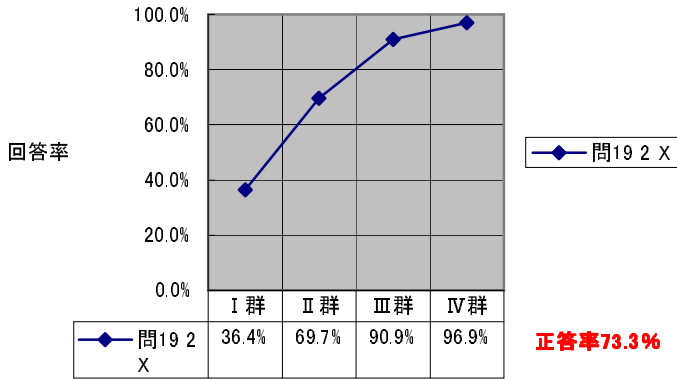
H20物理 問19



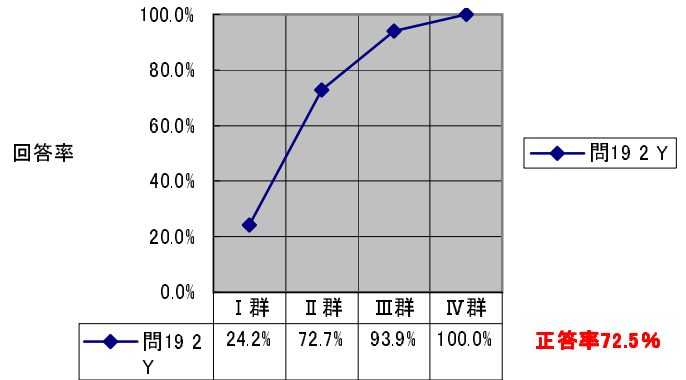
	I 群	II 群	III 群	IV 群
問19 1 x1	3.0%	18.2%	63.6%	81.3%
問19 1 x2	3.0%	18.2%	63.6%	81.3%
問19 2 X	36.4%	69.7%	90.9%	96.9%
問19 2 Y	24.2%	72.7%	93.9%	100.0%
問19 3 X(t)	0.0%	9.1%	36.4%	78.1%
問19 3 Y(t)	0.0%	0.0%	12.1%	56.3%
問19 4 x1(t)	0.0%	0.0%	15.2%	56.3%
問19 4 x2(t)	0.0%	0.0%	18.2%	56.3%



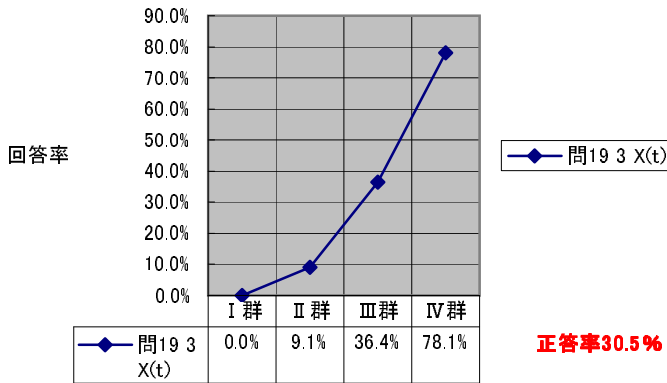
H20物理 問19(2) X



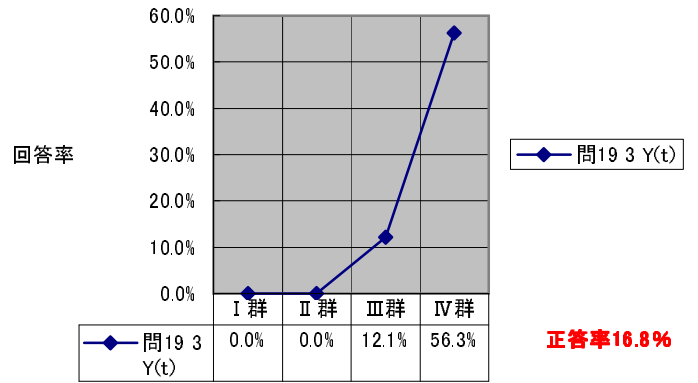
H20物理 問19(2) Y



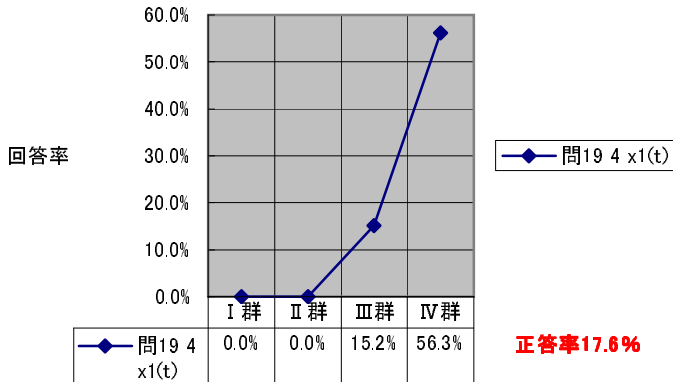
H20物理 問19(3) X(t)



H20物理 問19(3) Y(t)



H20物理 問19(4) X1(t)



H20物理 問19(4) X2(t)

