

Exemples d'opérations SQL

Sélection & Regroupements

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version 1.2

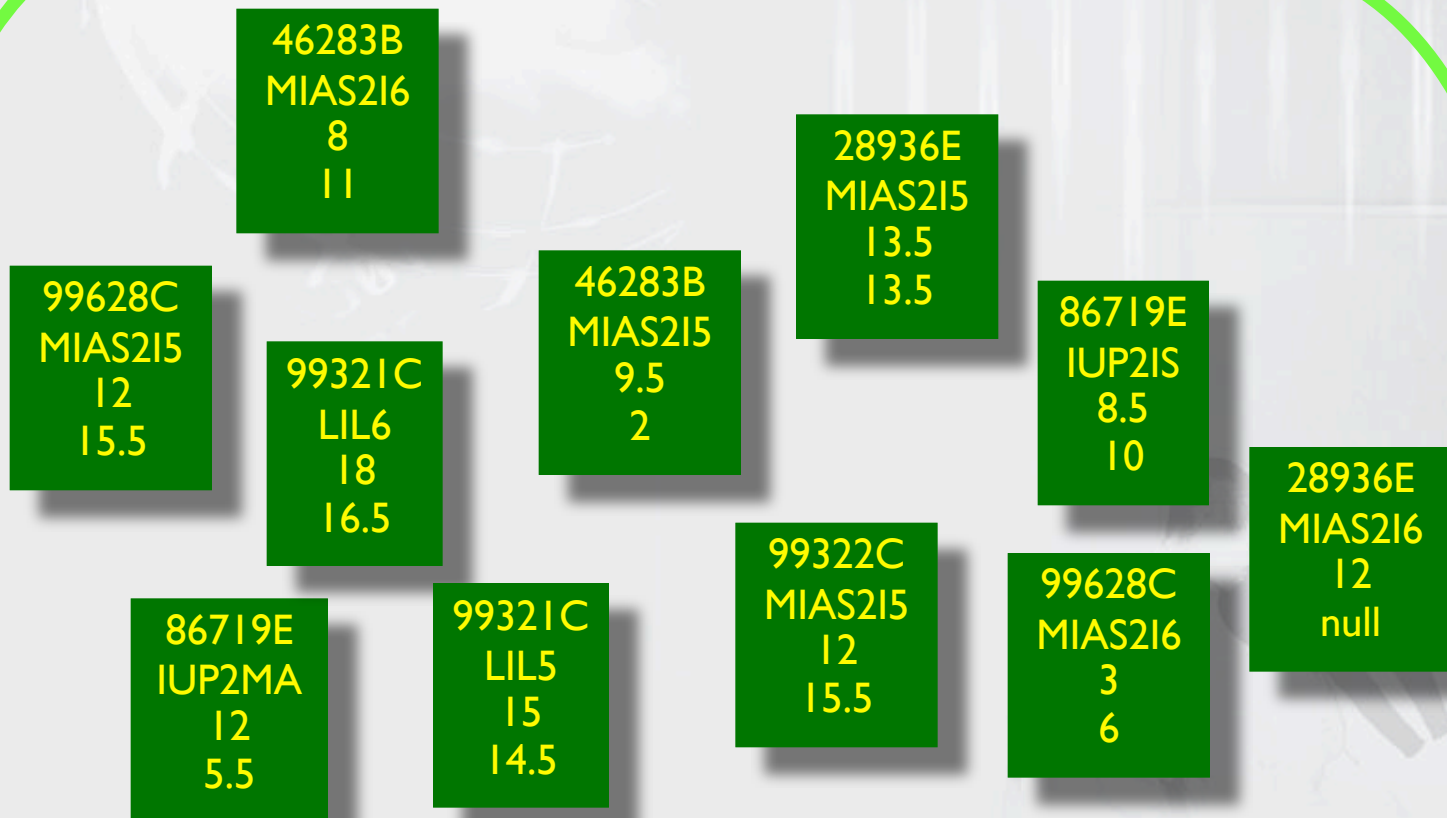




Sélection



Select * **from notes**
where noteex >= 12



Select * from notes
where noteex >= 12



Select * from notes
where noteex >= 12

FIN

99628C
MIAS2I5
12
15.5

99321C
LIL6
18
16.5

86719E
IUP2MA
12
5.5

99321C
LIL5
15
14.5

28936E
MIAS2I5
13.5
13.5

99322C
MIAS2I5
12
15.5

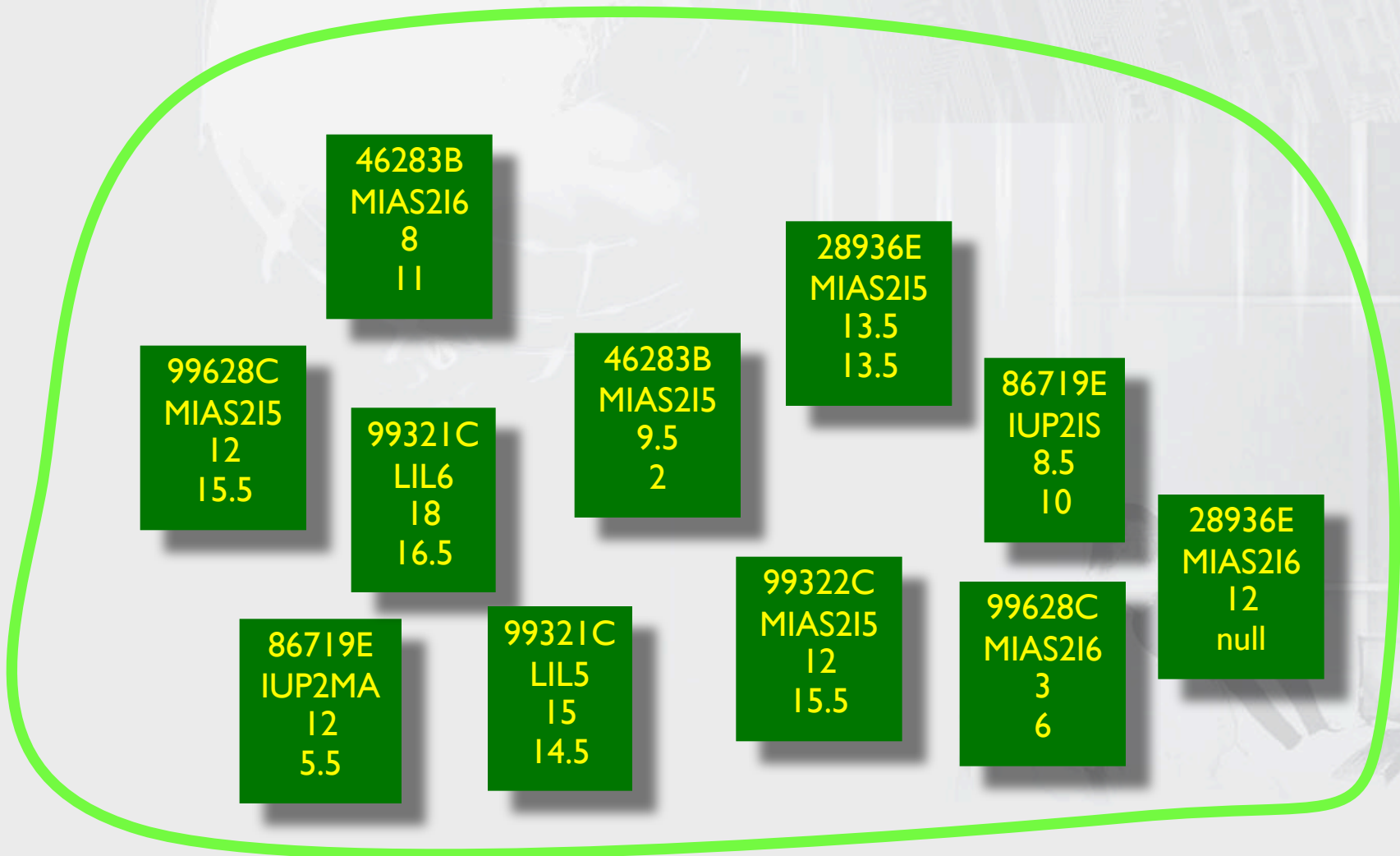
28936E
MIAS2I6
12
null



Regroupement



Select codemat, avg(noteex) from notes
group by codemat;



Select codemat, avg(noteex) from notes
group by codemat;

99628C
MIAS216
3
6

46283B
MIAS216
8
11

28936E
MIAS216
12
null

99321C
LIL6
18
16.5

28936E
MIAS215
13.5
13.5

99628C
MIAS215
12
15.5

99322C
MIAS215
12
15.5

46283B
MIAS215
9.5
2

86719E
IUP2MA
12
5.5

99321C
LIL5
15
14.5

86719E
IUP2IS
8.5
10

Select **codemat**, **avg(noteex)** from notes
group by **codemat**;

MIAS2I6
7.666667

LIL6
18

MIAS2I5
11.75

IUP2MA
12

LIL5
15

IUP2IS
8.5

Select codemat, avg(noteex) from notes
group by codemat;

FIN

MIAS2I6
7.666667

MIAS2I5
11.75

LIL6
18

IUP2MA
12

LIL5
15

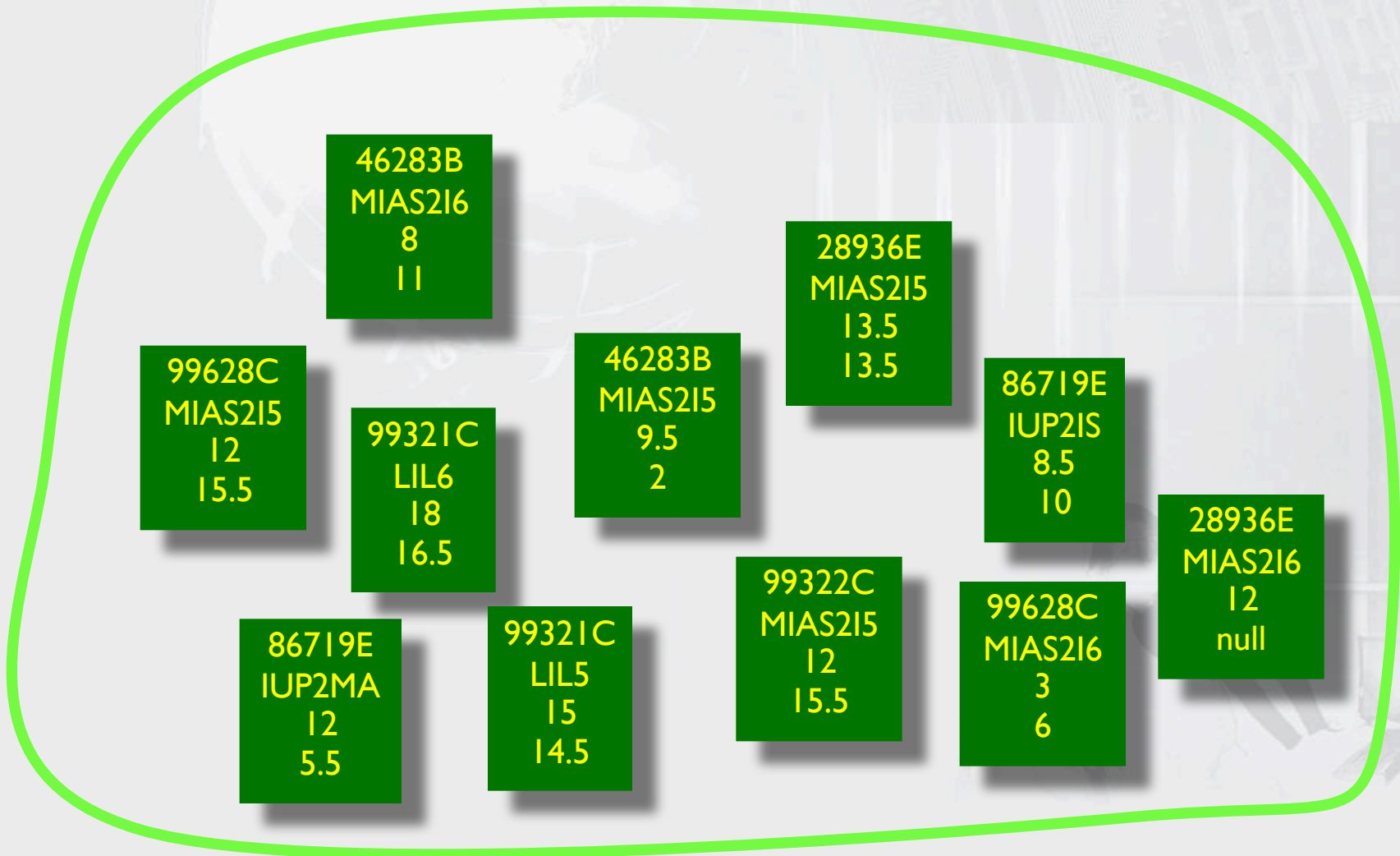
IUP2IS
8.5



Regroupement et sélection de groupes



Select codemat, avg(noteex) from notes
group by codemat having count(*) > 1;



Select codemat, avg(noteex) from notes
group by codemat having count(*) > 1;

99628C
MIAS216
3
6

46283B
MIAS216
8
11

28936E
MIAS216
12
null

99321C
LIL6
18
16.5

28936E
MIAS215
13.5
13.5

99628C
MIAS215
12
15.5

99322C
MIAS215
12
15.5

46283B
MIAS215
9.5
2

86719E
IUP2MA
12
5.5

99321C
LIL5
15
14.5

86719E
IUP2IS
8.5
10

Select codemat, avg(noteex) from notes
group by codemat having count(*) > 1;

99628C
MIAS2I6
3
6

46283B
MIAS2I6
8
11

28936E
MIAS2I6
12
null

28936E
MIAS2I5
13.5
13.5

99628C
MIAS2I5
12
15.5

99322C
MIAS2I5
12
15.5

46283B
MIAS2I5
9.5
2

Select codemat, avg(noteex) from notes
group by codemat having count(*) > 1;

MIAS2I6
7.666667

MIAS2I5
11.75

Select codemat, avg(noteex) from notes
group by codemat having count(*) > 1;

MIAS2I6
7.666667

MIAS2I5
11.75

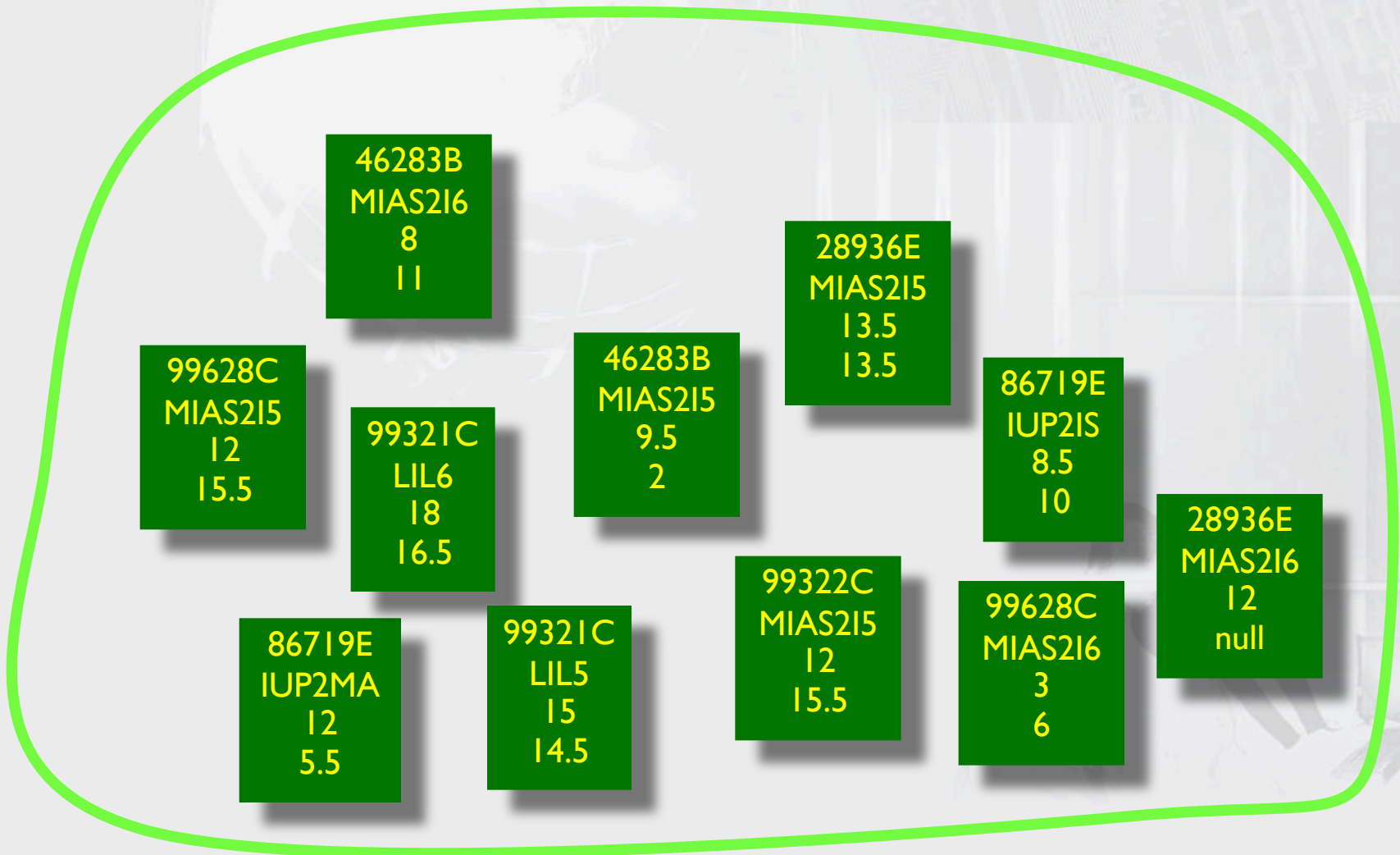
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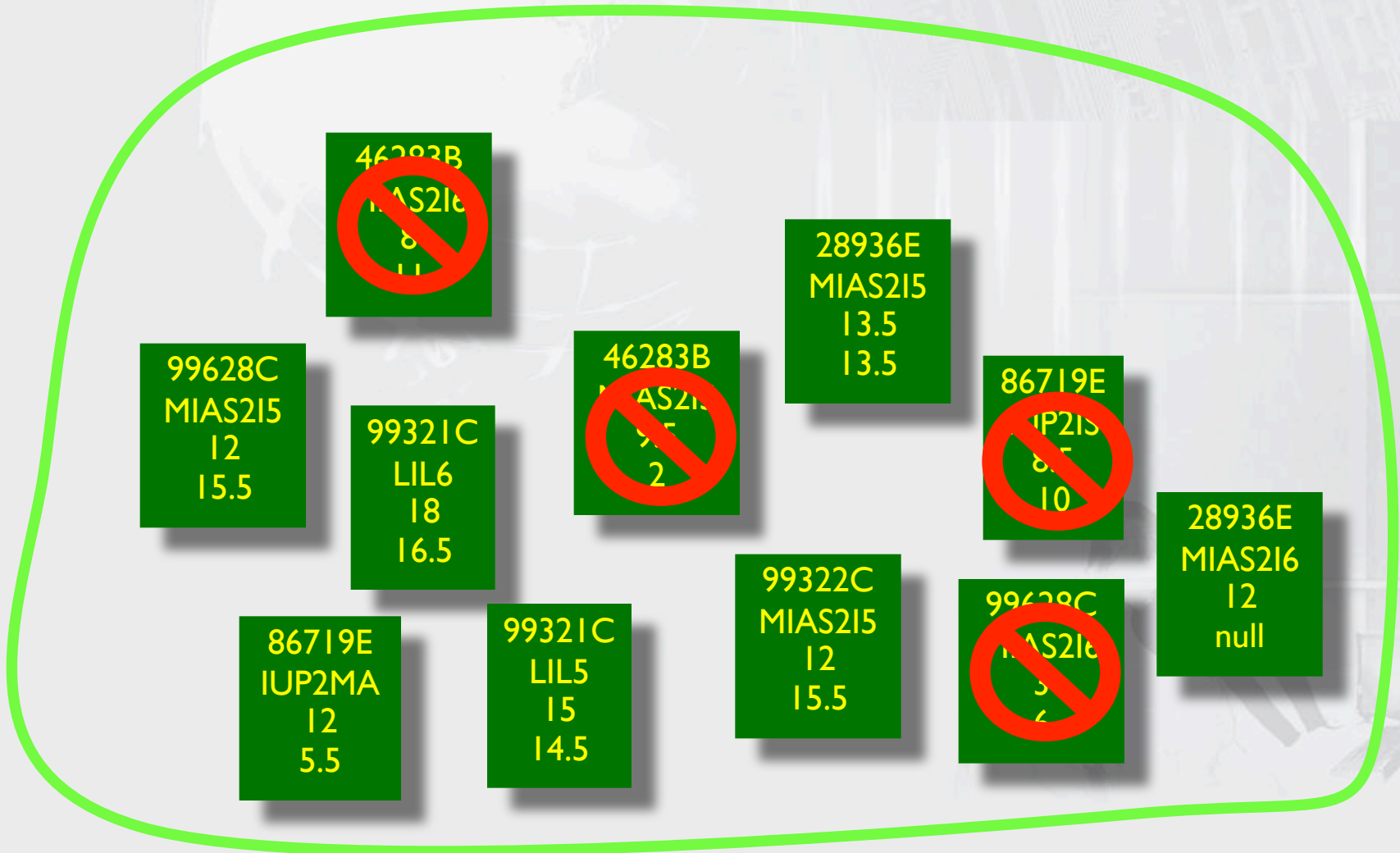
Regroupement et sélection de t-uples

Select codemat, avg(noteex) from notes

where noteex >= 12 group by codemat having
count(*) > 1;



Select codemat, avg(noteex) **from notes**
where noteex >= 12 group by codemat having
count(*) > 1;



Select codemat, avg(noteex) **from notes**
where noteex >= 12 group by codemat having
count(*) > 1;

99628C
MIAS2I5
12
15.5

99321C
LIL6
18
16.5

86719E
IUP2MA
12
5.5

99321C
LIL5
15
14.5

28936E
MIAS2I5
13.5
13.5

99322C
MIAS2I5
12
15.5

28936E
MIAS2I6
12
null

Select codemat, avg(noteex) from notes
where noteex >= 12 group by codemat having
count(*) > 1;

28936E
MIAS2I6
12
null

99321C
LIL6
18
16.5

28936E
MIAS2I5
13.5
13.5

99628C
MIAS2I5
12
15.5

99322C
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12
15.5

86719E
IUP2MA
12
5.5

99321C
LIL5
15
14.5

Select codemat, avg(noteex) from notes
where noteex >= 12 group by codemat having
count(*) > 1;

28936E
MIAS2I5
13.5
13.5

99628C
MIAS2I5
12
15.5

99322C
MIAS2I5
12
15.5

Select codemat, avg(noteex) from notes
where noteex >= 12 group by codemat having
count(*) > 1;



MIAS215
12.5

Select codemat, avg(noteex) from notes
where noteex >= 12 group by codemat having
count(*) > 1;

FIN

MIAS215
12.5