

DASHBOARD IBIO

Inicio 2025-10

Departamento de Ingeniería Biomédica
Universidad de los Andes

Daniela Ruiz, Juanita Puentes & Pablo Arbeláez

Modelado

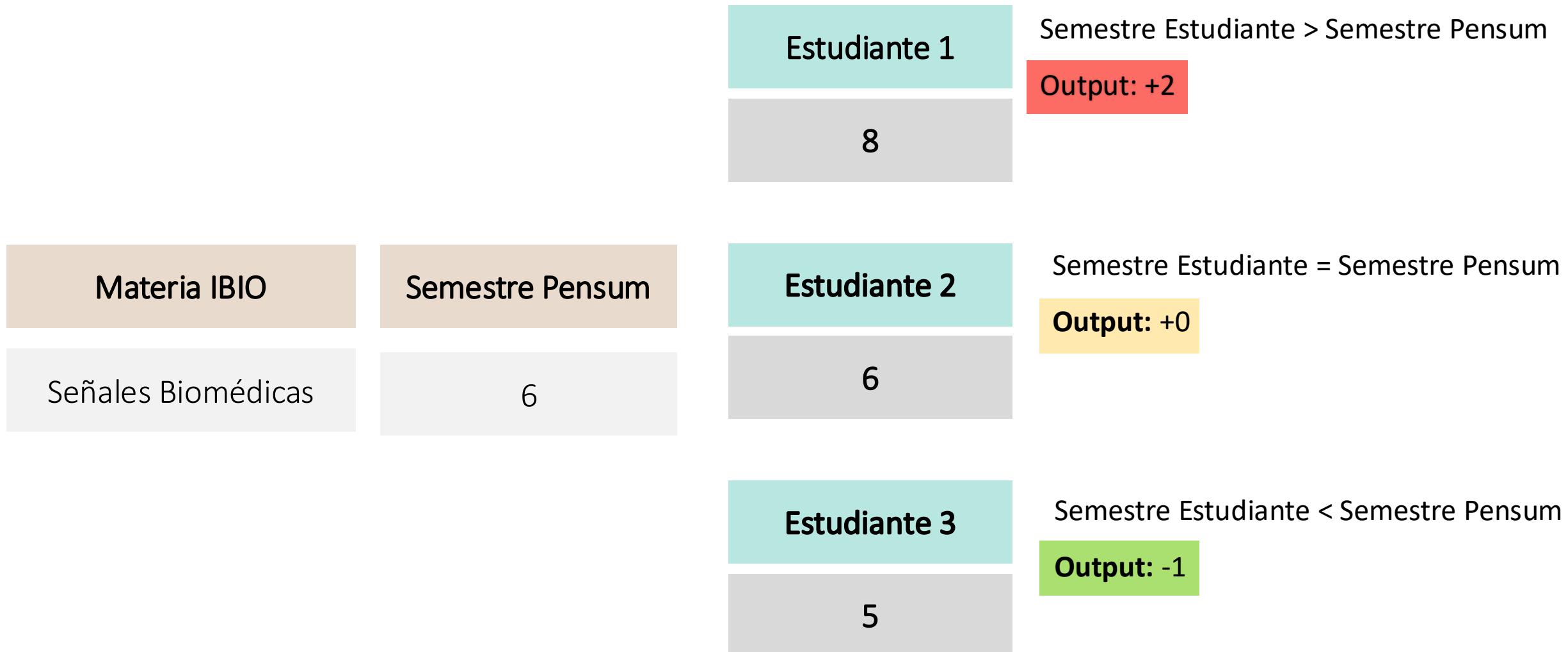
0. Universo: Estudiantes con programa principal IBIO
1. Se calcula el semestre de cada estudiante respecto al periodo actual

Periodo Actual	Código del Estudiante	Semestre Actual
202410	202113456	7

2. El pénum IBIO determina el **semestre esperado** en el que se debe cursar cada **materia**

Materia IBIO	Semestre Pensum
Introducción a la Ingeniería Biomédica	1
Fisiología Cuantitativa I	2
Fisiología Cuantitativa II	3
.	.
.	.
.	.
Proyecto de Diseño II	8

3. Se calcula el avance de **cada estudiante** del curso según su semestre

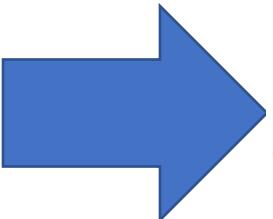


4. La lista provee la distribución de avance de los estudiantes del curso

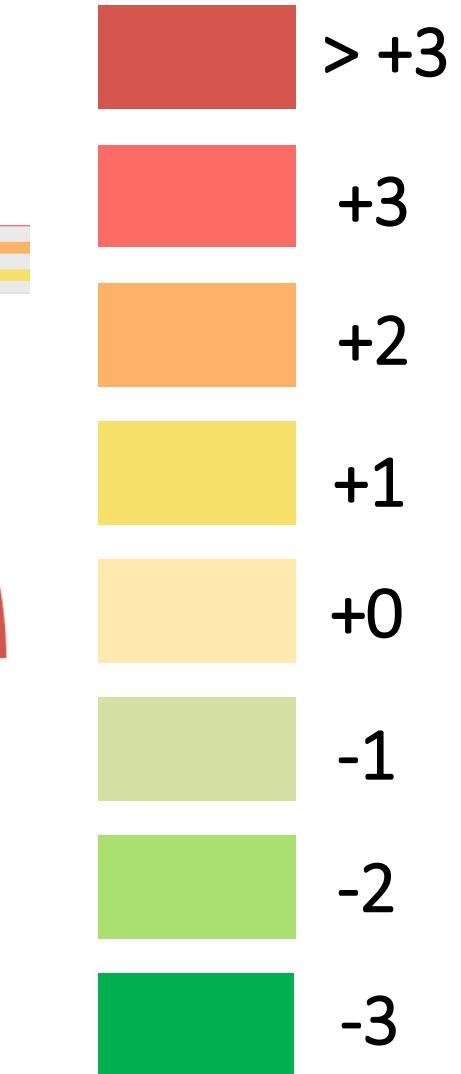
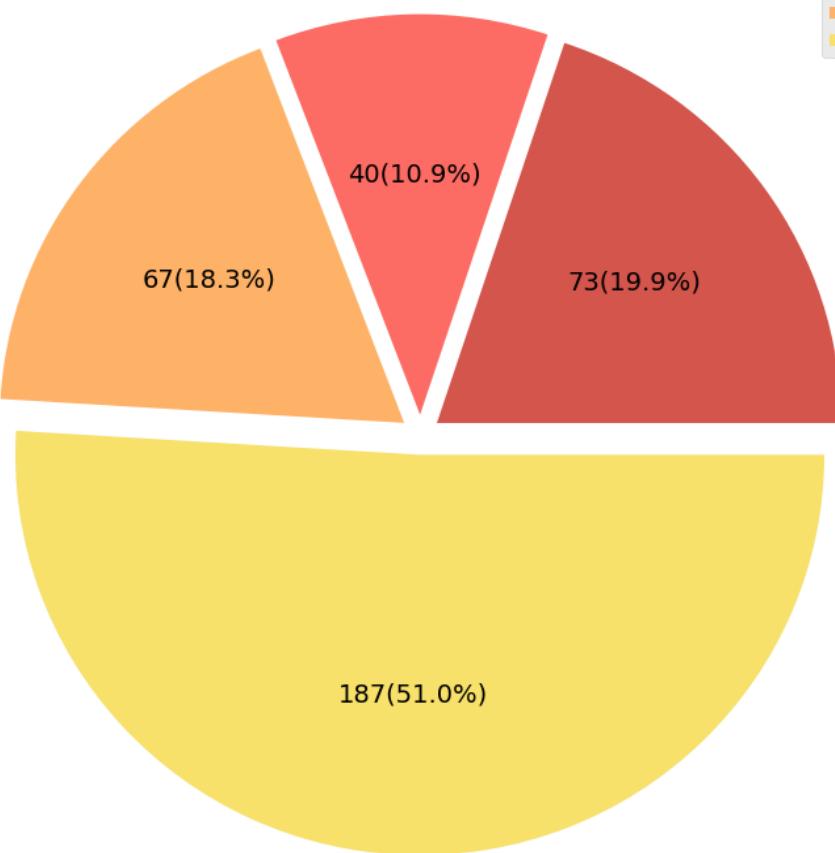
Materia IBIO	Semestre Pensum	Periodo Actual
Biomecánica	5	202410
Código Estudiante	Semestre Actual	Avance
1 202115784	7	+2
2 2020228534	8	+3
3 202216599	5	+0
4 202224576	4	-1

Análisis por Materia

Lista de estudiantes
Materia (2025-10)

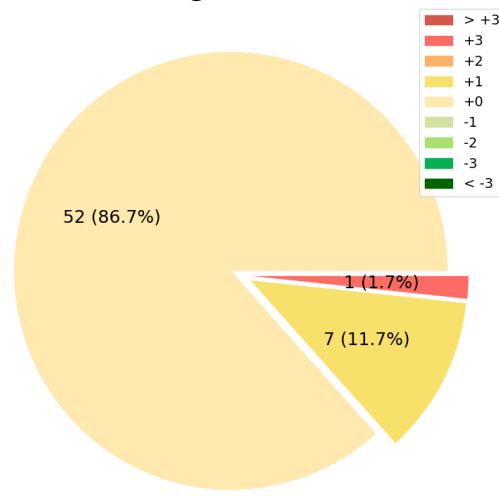


Distribución de avance
Materia



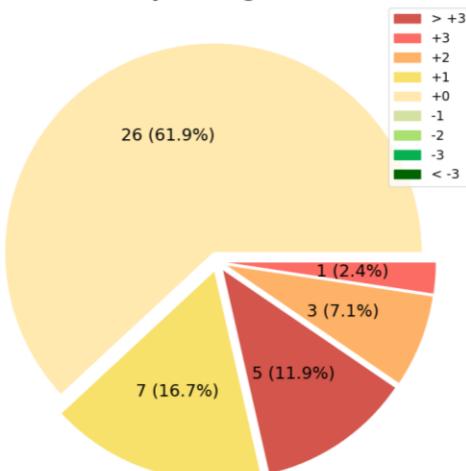
(1 Semestre)

Introducción a la Ingeniería Biomédica 202510



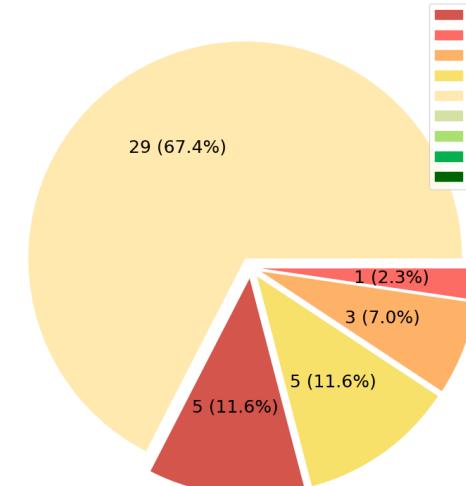
(2 Semestre)

Fisio. Cuantitativa para Ing. Biomédica I 202510



(3 Semestre)

Fisio. Cuantitativa para Ing. Biomédica II 202510



>+3

+3

+2

+1

+0

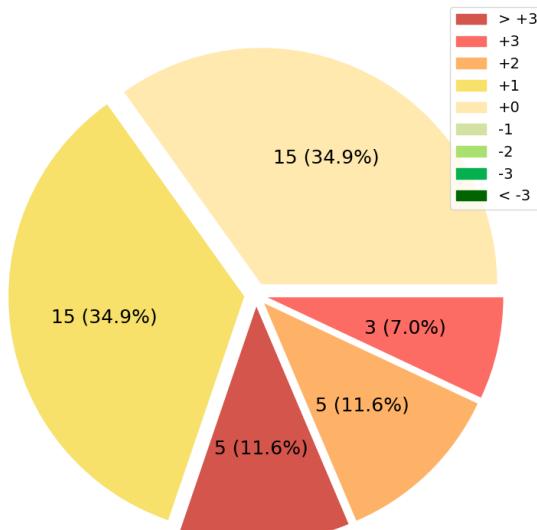
-1

-2

-3

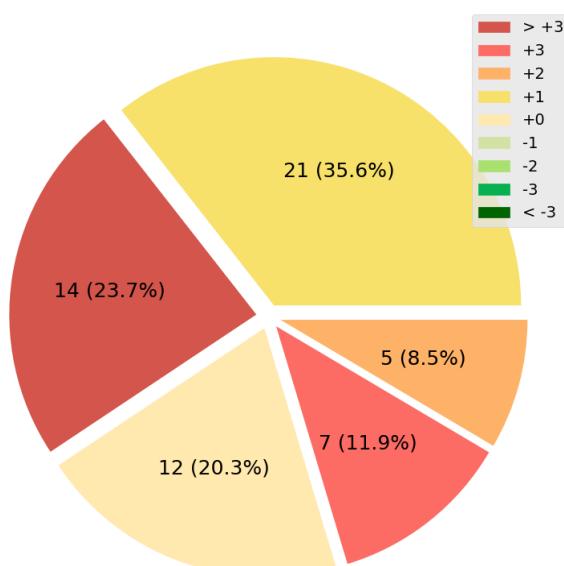
(4 Semestre)

Fundamentos del Machine Learning 202510



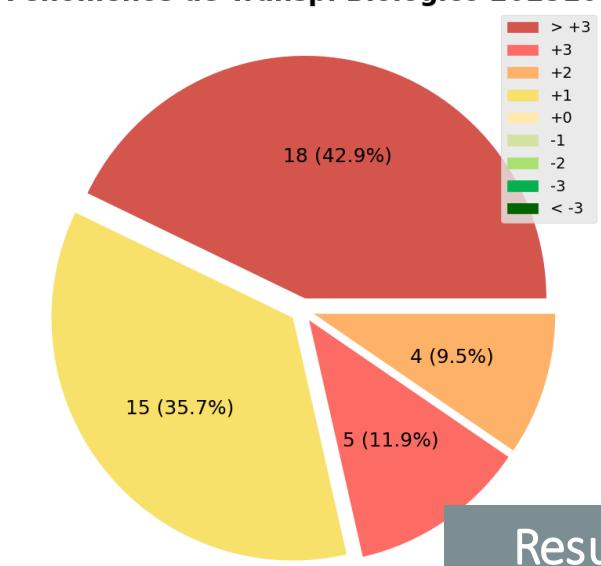
(4 Semestre)

Biomateriales 202510



(5 Semestre)

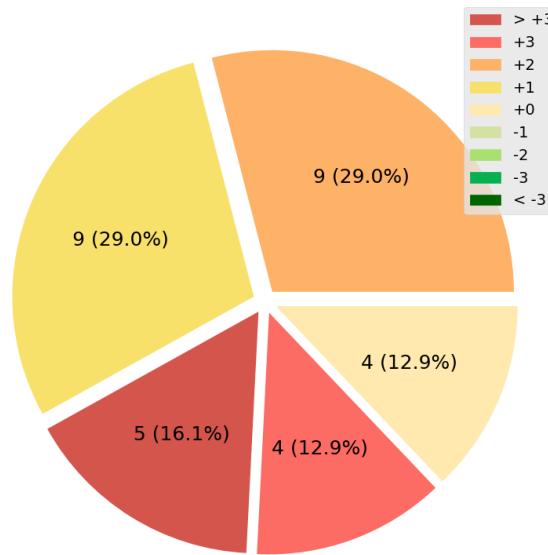
Fenómenos de Transp. Biológico 202510



Resultados por materia

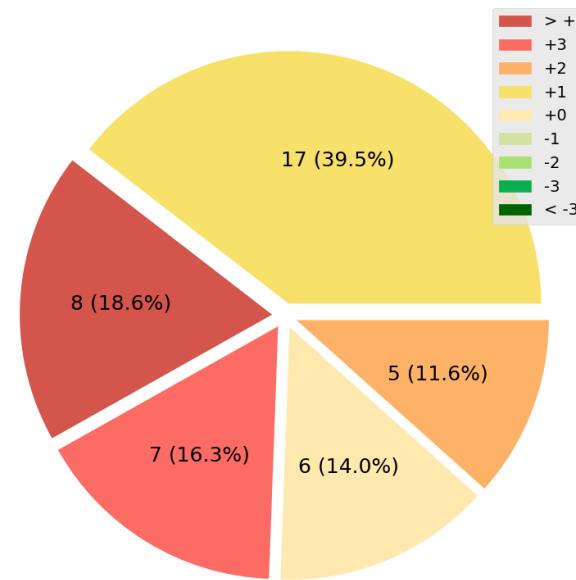
(5 Semestre)

Biomecánica 202510



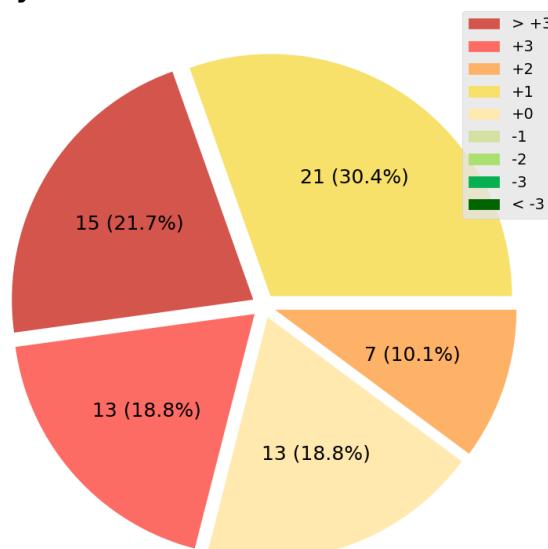
(6 Semestre)

Señales Biomédicas 202510



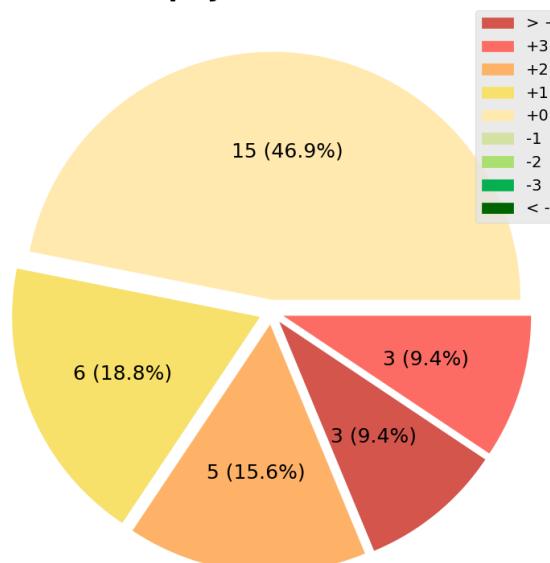
(6 Semestre)

Model. y Simulación de Sist. Biomédicos 202510



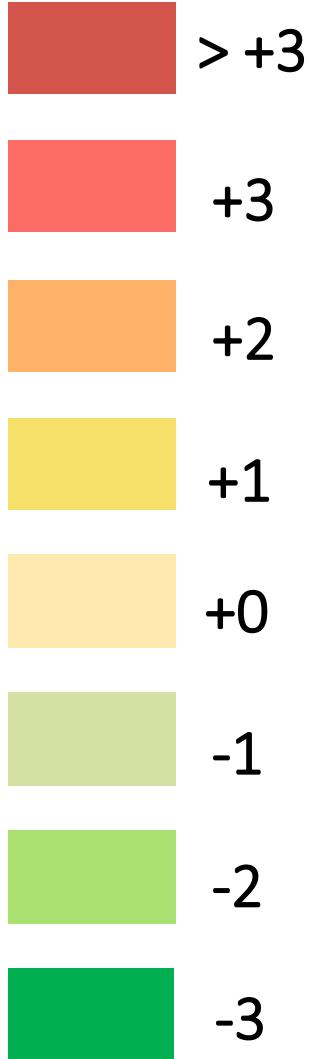
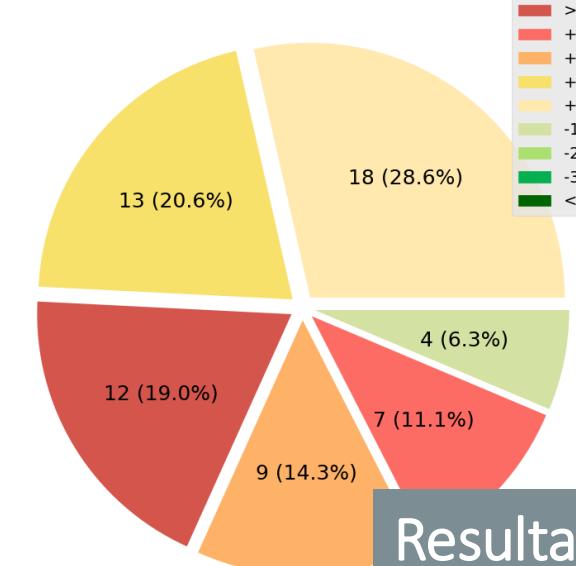
(6 Semestre)

Diseño de Exp. y Bioestadística 202510



(6 Semestre)

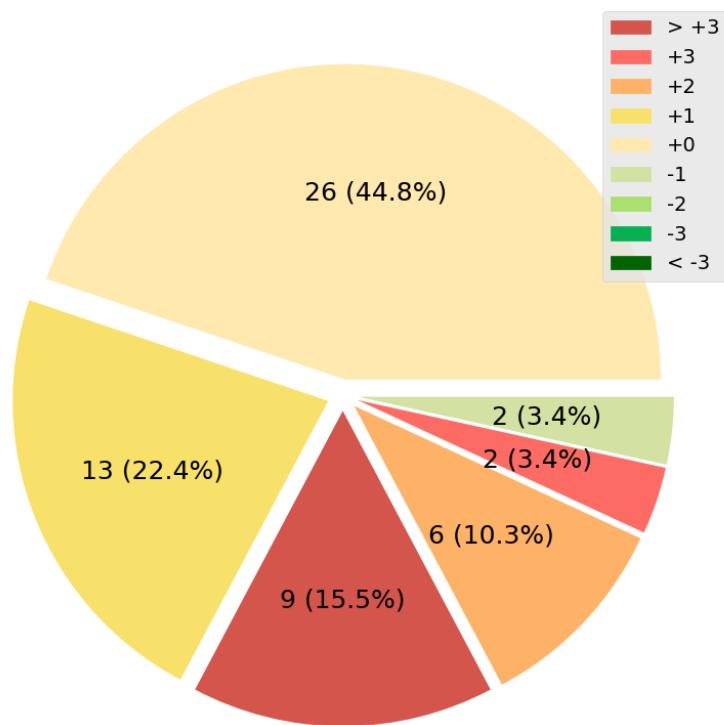
Fundamentos de Reconocimiento Visual 202510



Resultados por materia

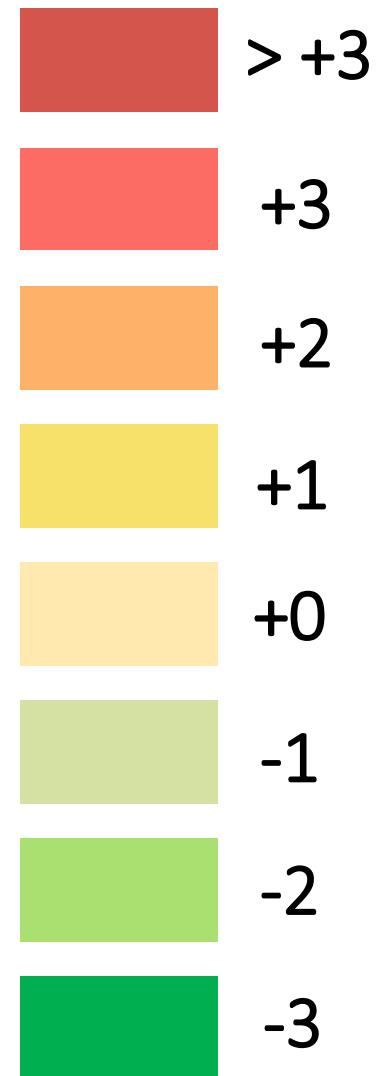
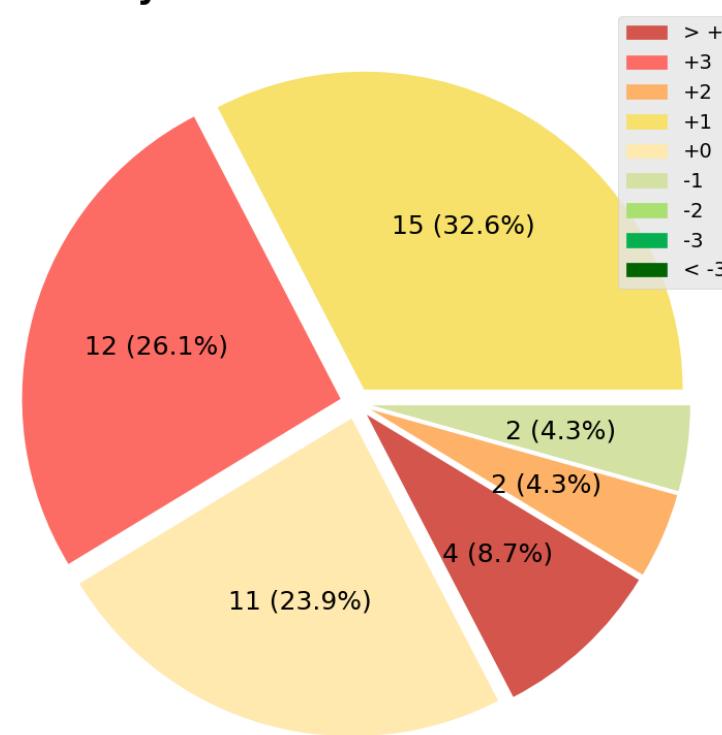
(7 Semestre)

Proyecto de Diseño 1 202510



(8 Semestre)

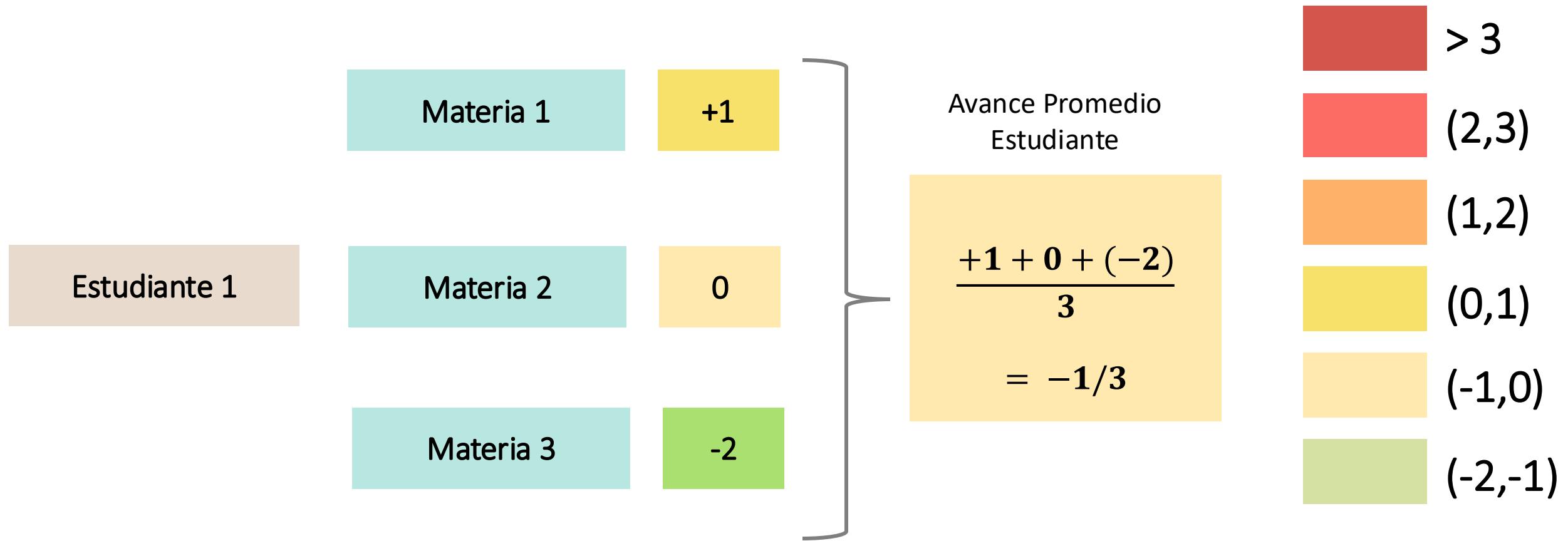
Proyecto de Diseño 2 202510



Resultados por materia

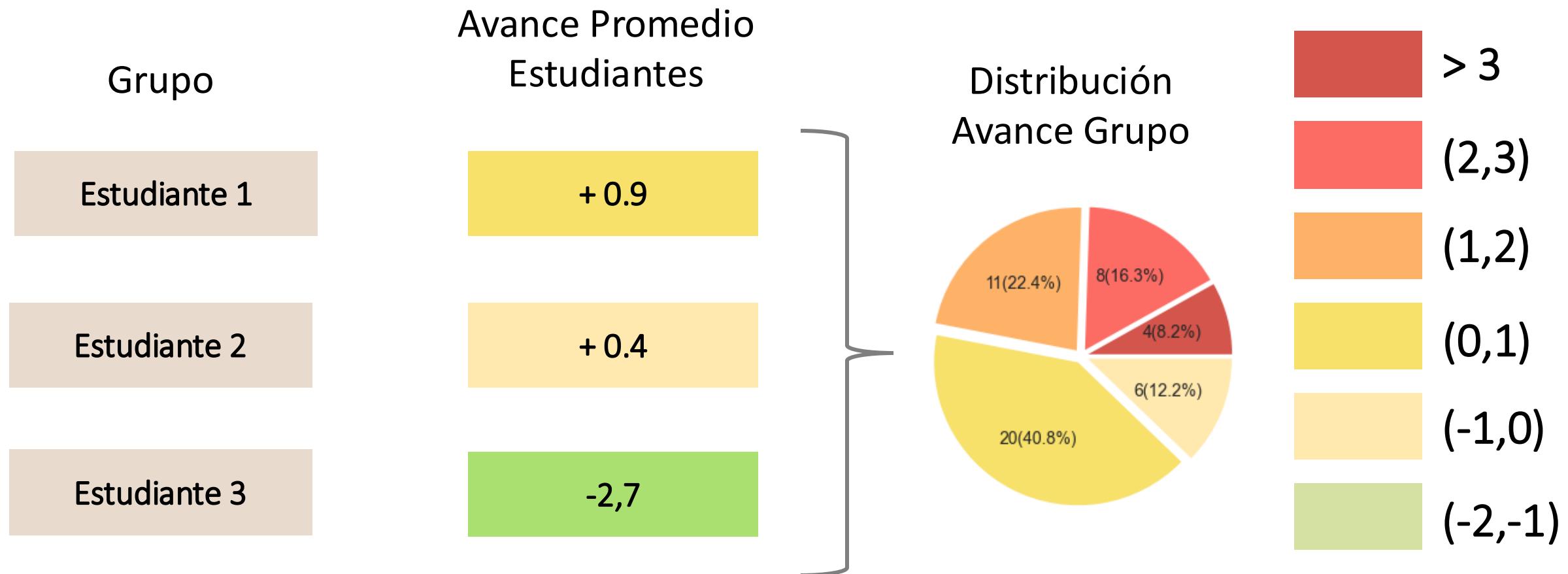
Análisis por Grupo

- Se calcula el **avance promedio de cada estudiante del grupo** en las materias IBIQ que está cursando en el período actual:



Análisis por Grupo

- Se calcula la **distribución de avance del grupo**:



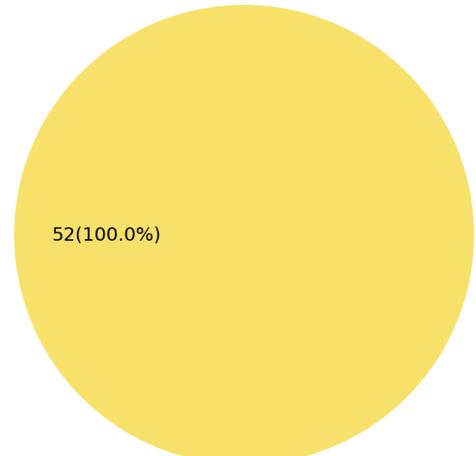
Resultados por cohorte

Avance de cada cohorte para el periodo 2025-10

I. 2025-10

Avance de los estudiantes ingresados en 20251 para el periodo 20251

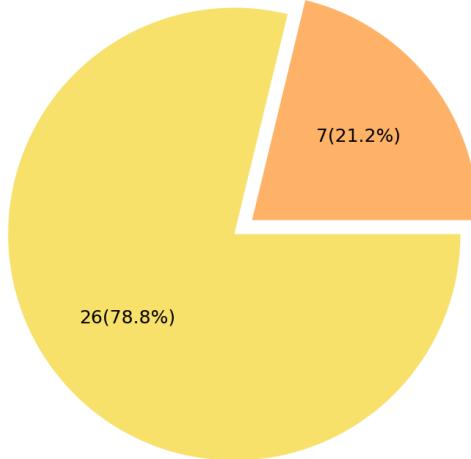
1-0



II. 2024-20

Avance de los estudiantes ingresados en 20242 para el periodo 20251

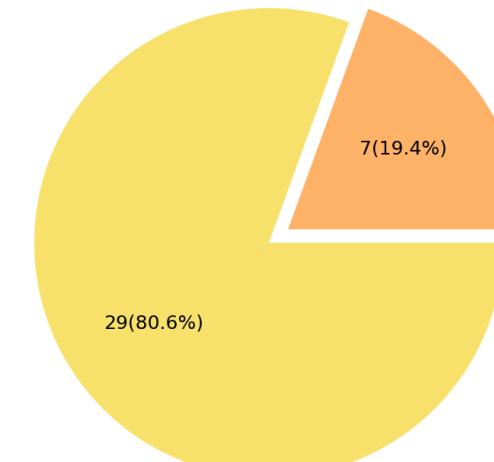
2-1
1-0



III. 2024-10

Avance de los estudiantes ingresados en 20241 para el periodo 20251

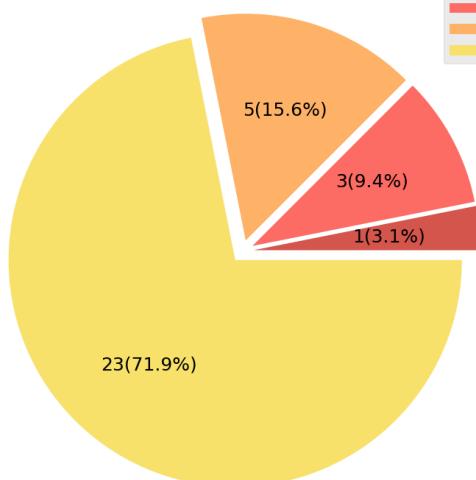
2-1
1-0



IV. 2023-20

Avance de los estudiantes ingresados en 20232 para el periodo 20251

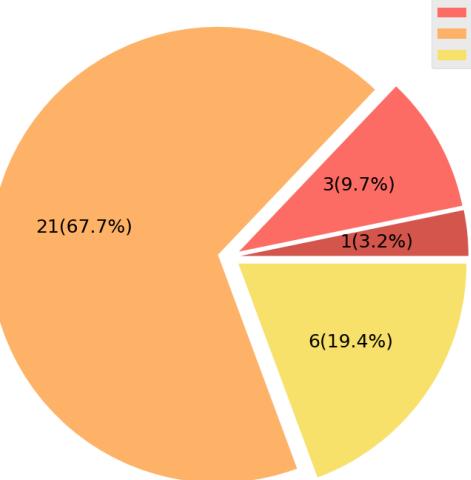
>3
3-2
2-1
1-0



V. 2023-10

Avance de los estudiantes ingresados en 20231 para el periodo 20251

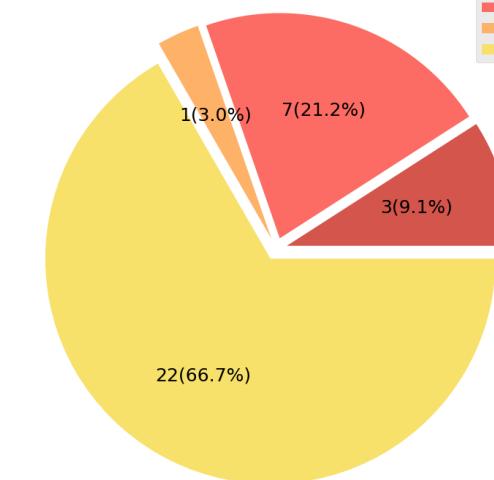
>3
3-2
2-1
1-0



VI. 2022-20

Avance de los estudiantes ingresados en 20222 para el periodo 20251

>3
3-2
2-1
1-0



*Grupo = Cohorte semestral

>3

(2,3)

(1,2)

(0,1)

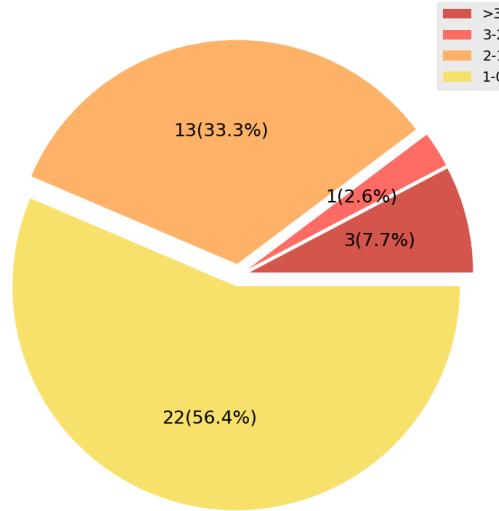
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(-2,-1)

Resultados por cohorte

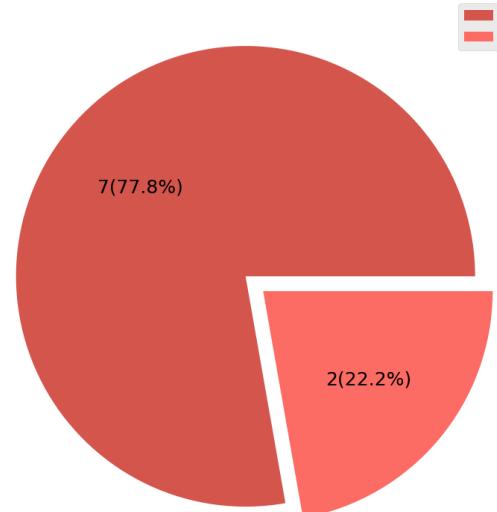
VII. 2022-10

Avance de los estudiantes ingresados en 20221 para el periodo 20251



X. 2020-20

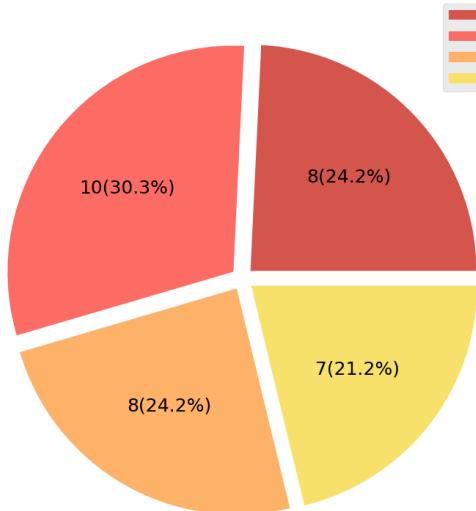
Avance de los estudiantes ingresados en 20202 para el periodo 20251



Avance de cada cohorte para el periodo 2025-10

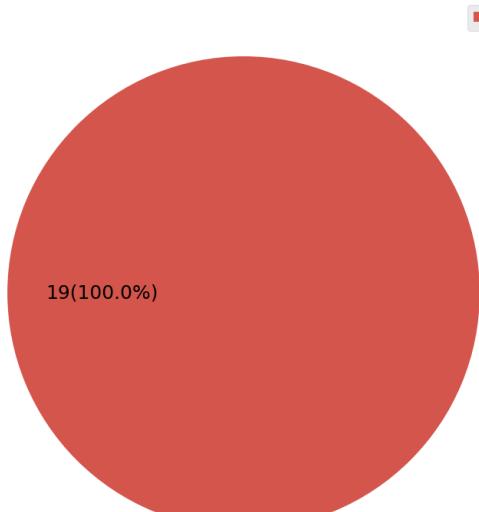
VIII. 2021-20

Avance de los estudiantes ingresados en 20212 para el periodo 20251



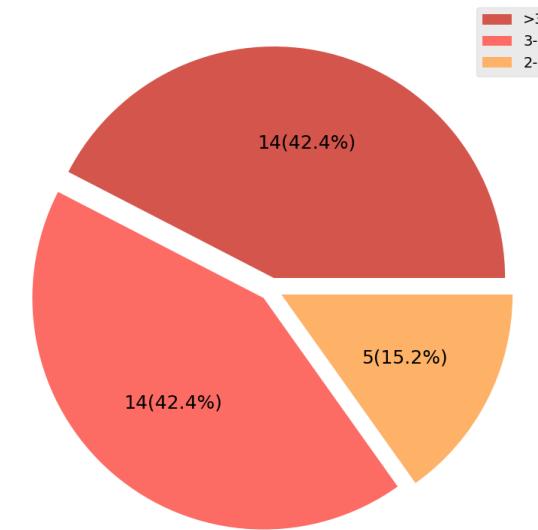
XI. 2020-10

Avance de los estudiantes ingresados en 20201 para el periodo 20251



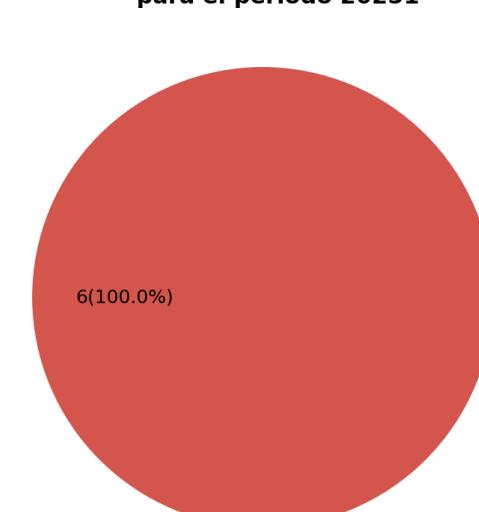
IX. 2021-10

Avance de los estudiantes ingresados en 20211 para el periodo 20251



XII. 2019-20

Avance de los estudiantes ingresados en 20192 para el periodo 20251



*Grupo = Cohorte semestral

>3

(2,3)

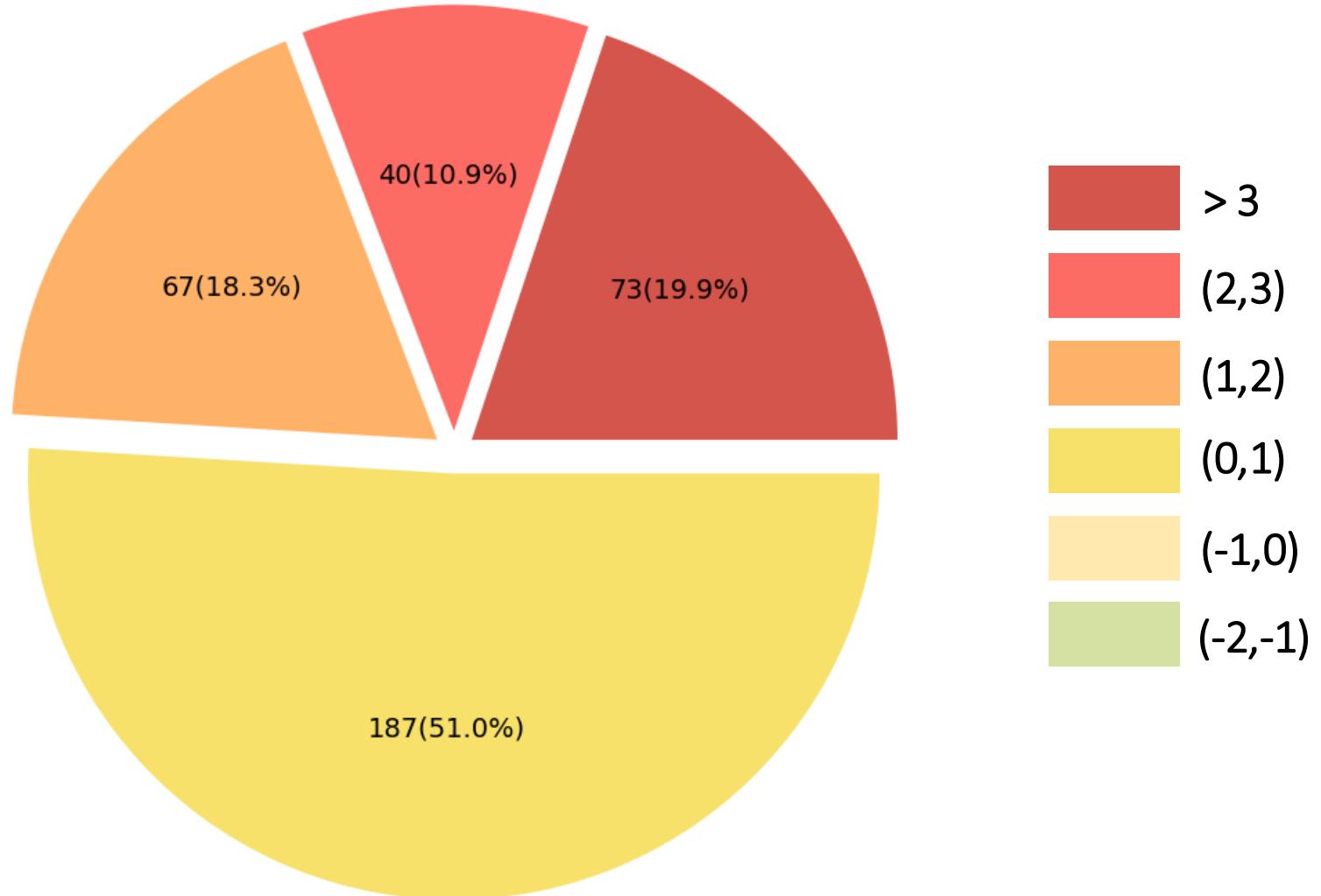
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(-1,0)

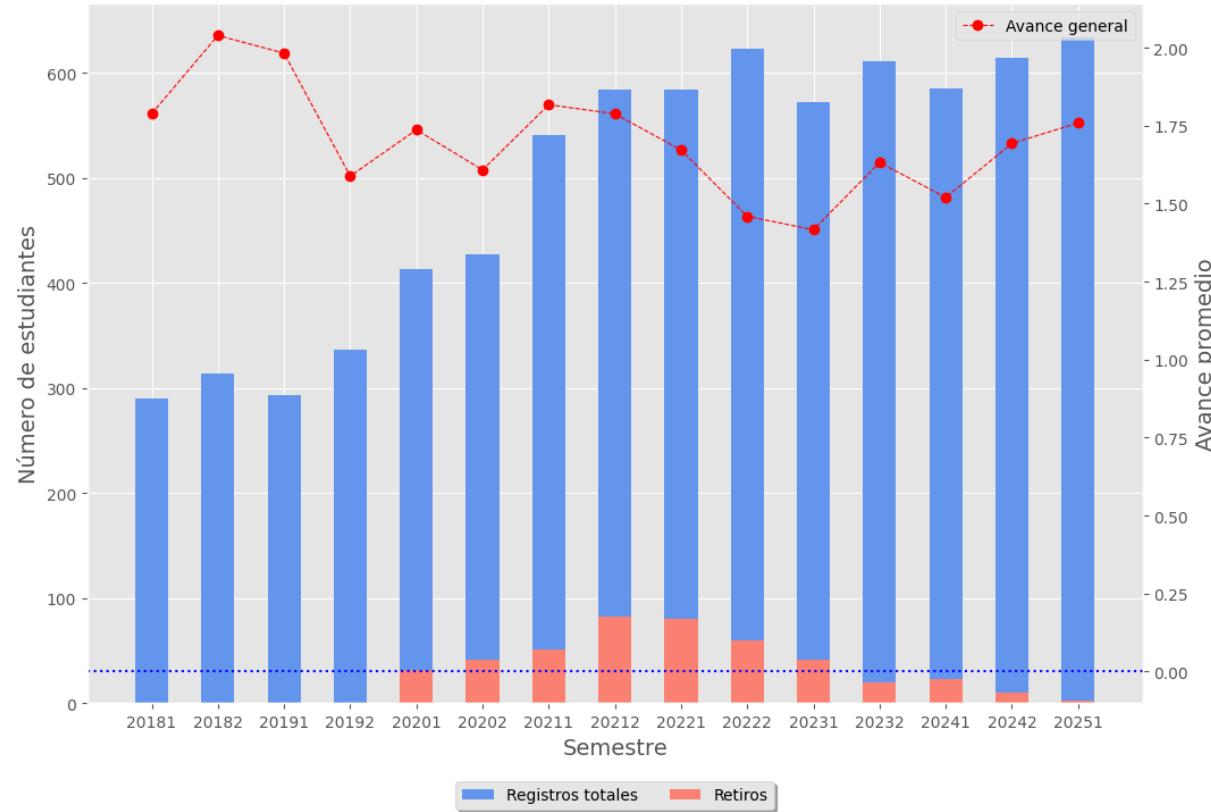
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Avance de todos los estudiantes IBIO para el periodo 2025-10

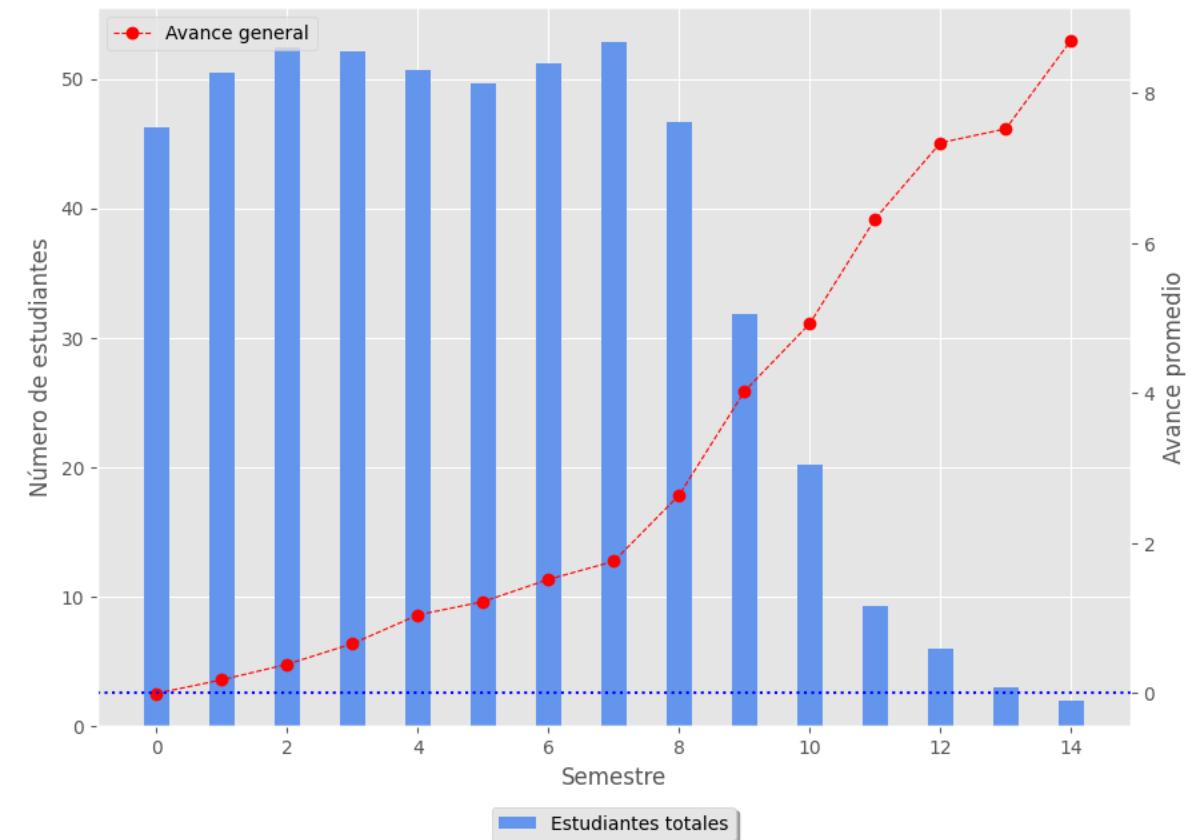


Evolución de todas las cohortes 2018-2025

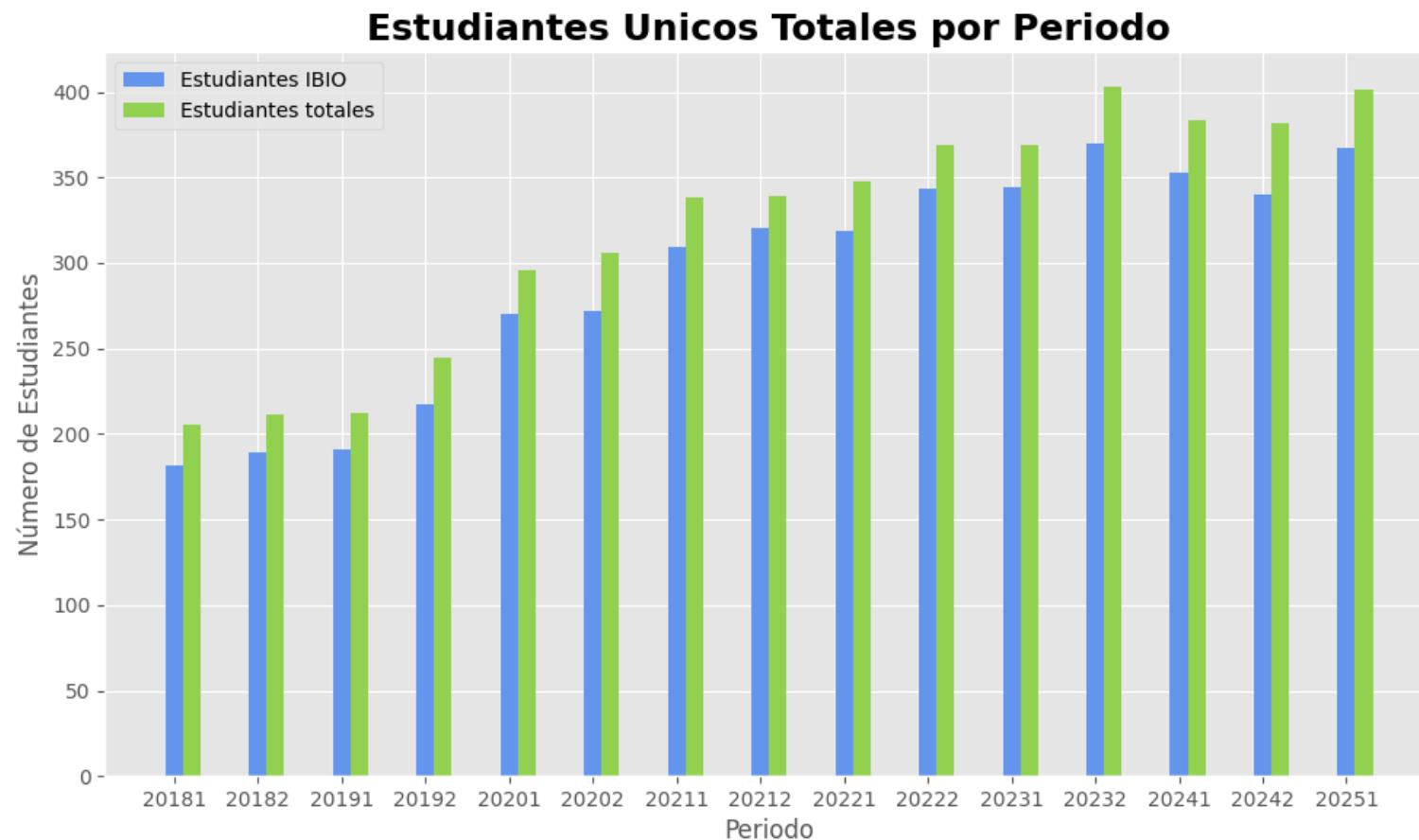
GRAFICA GENERAL POR PERIODOS



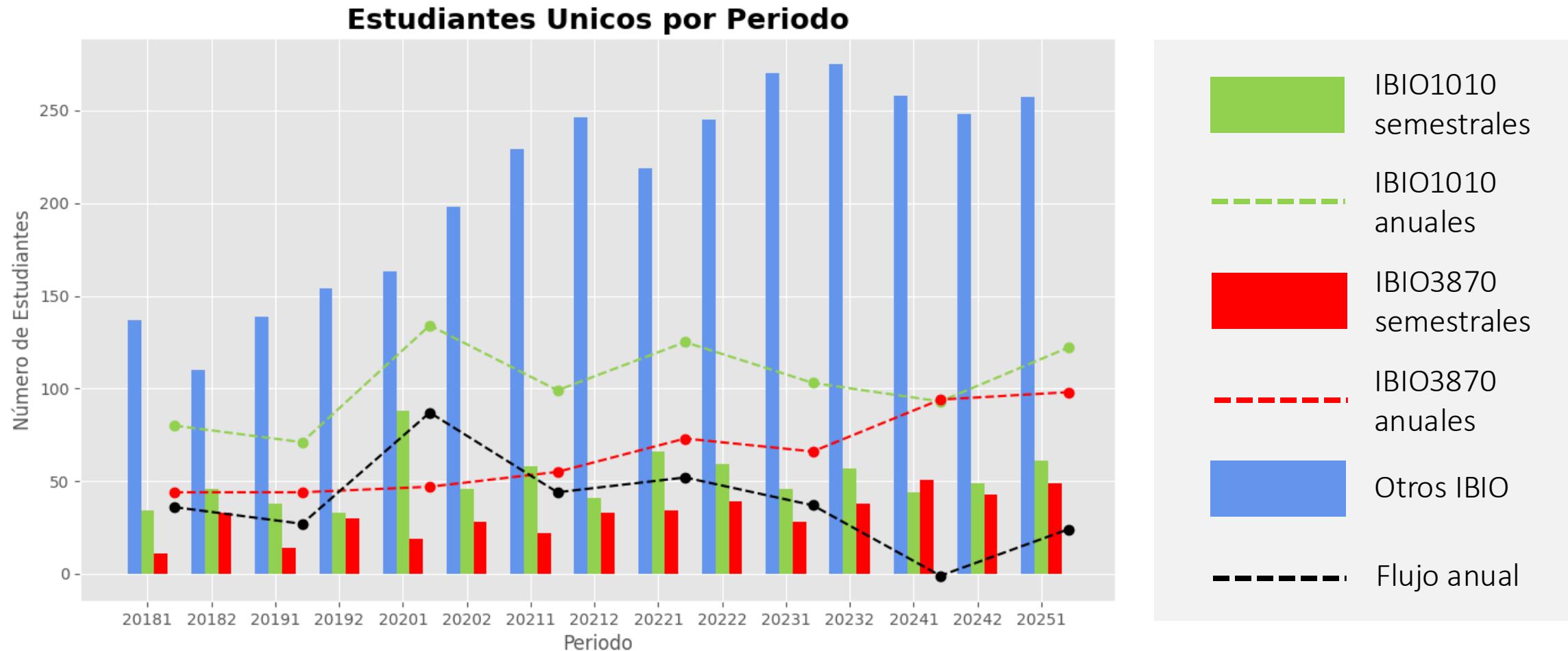
GRÁFICA GENERAL POR SEMESTRES



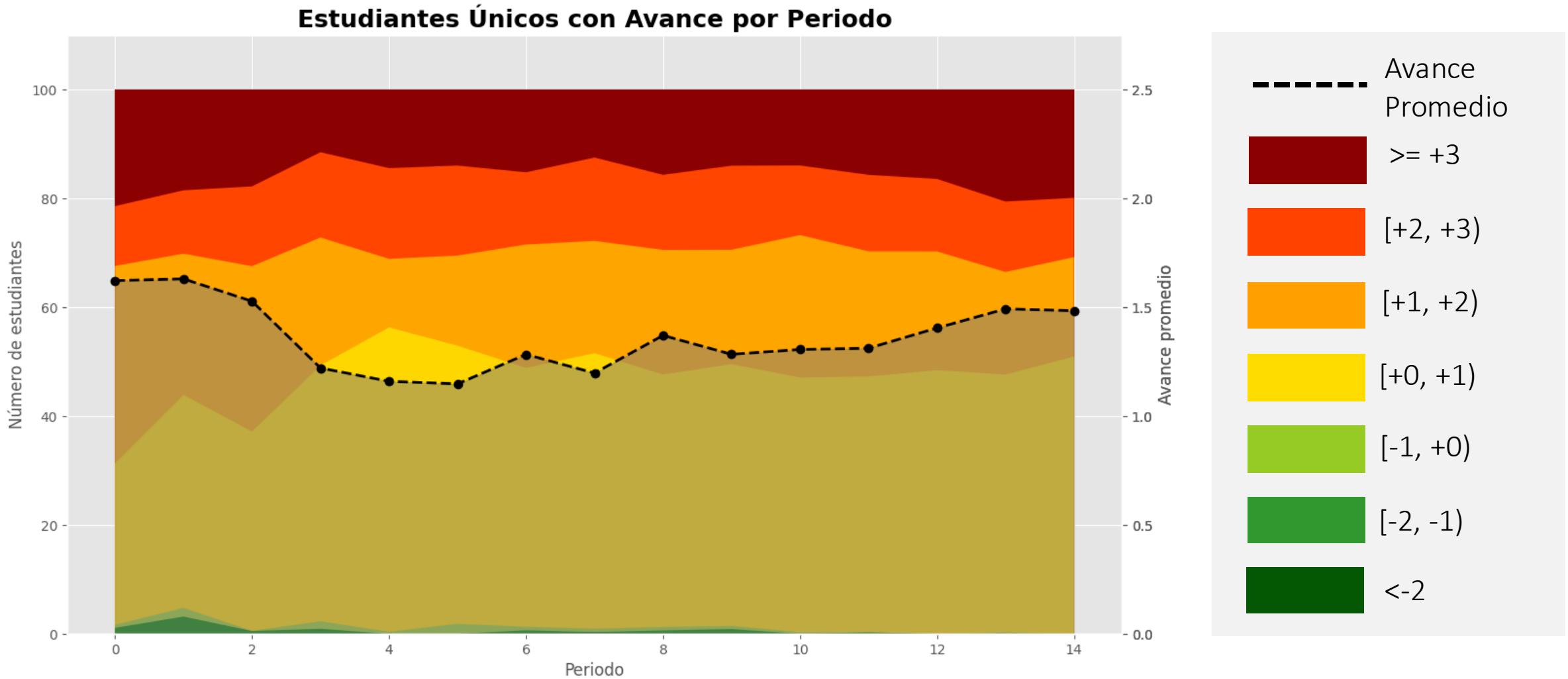
Estudiantes inscritos en materias IBIO por periodo académico 2018-2025



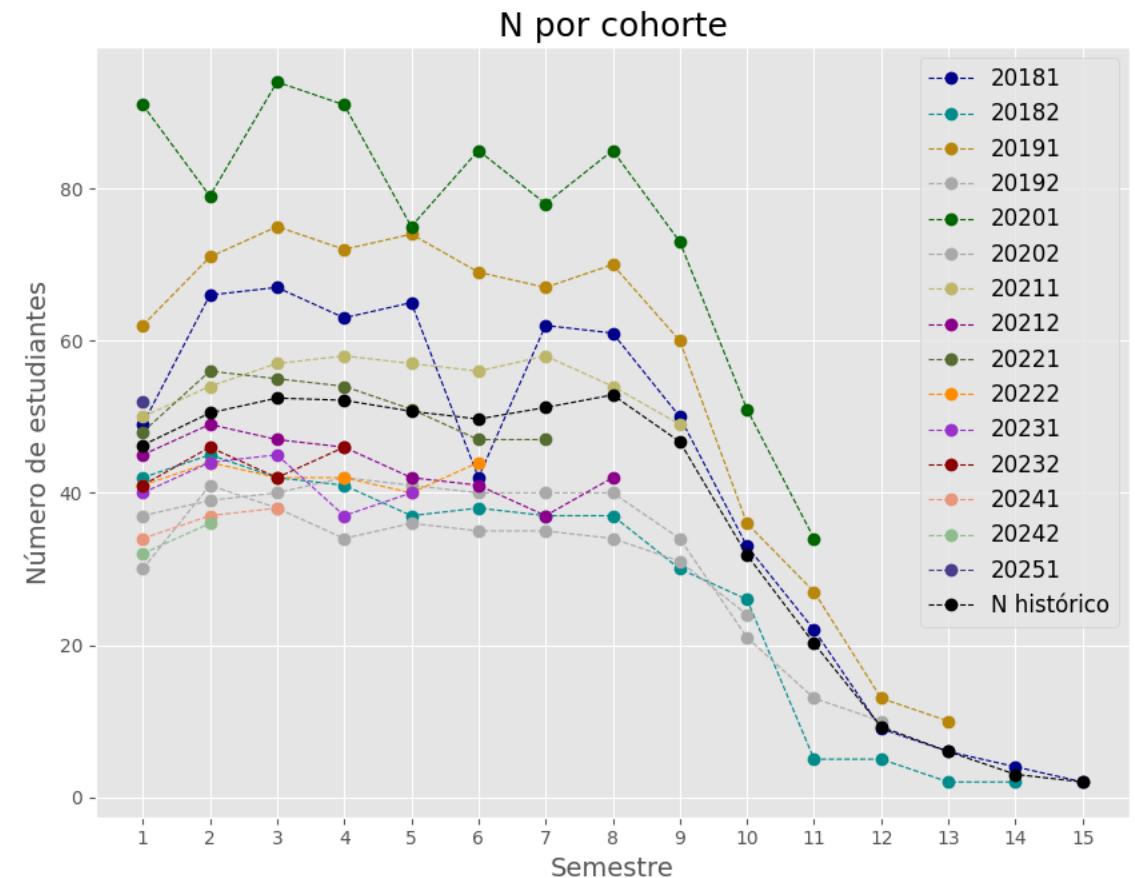
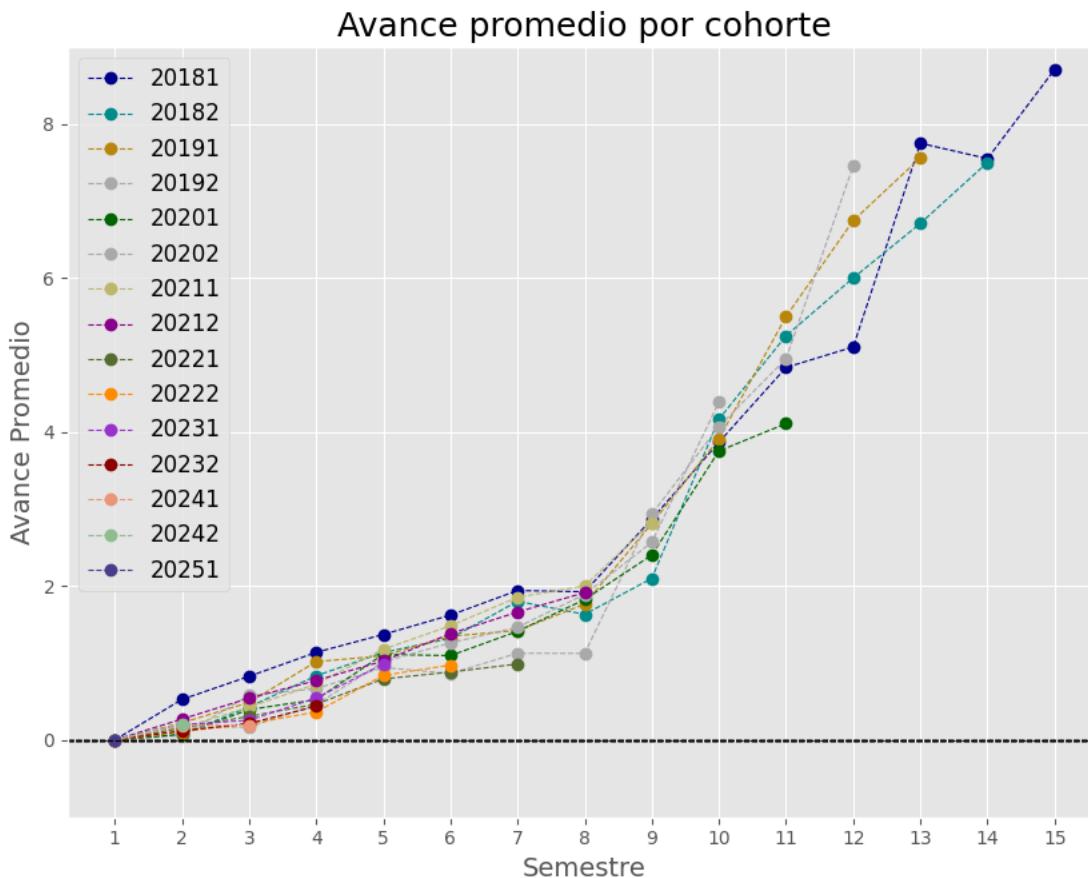
Evolución Estudiantes IBIO



Evolución Estudiantes IBIO

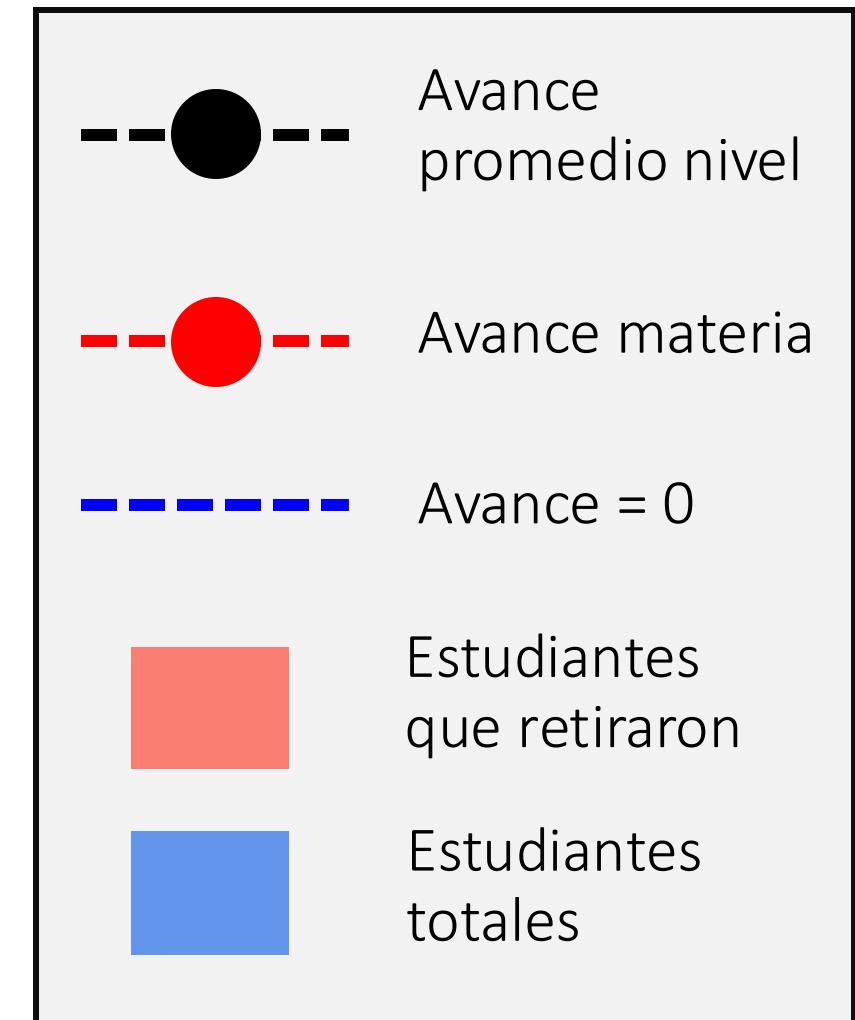
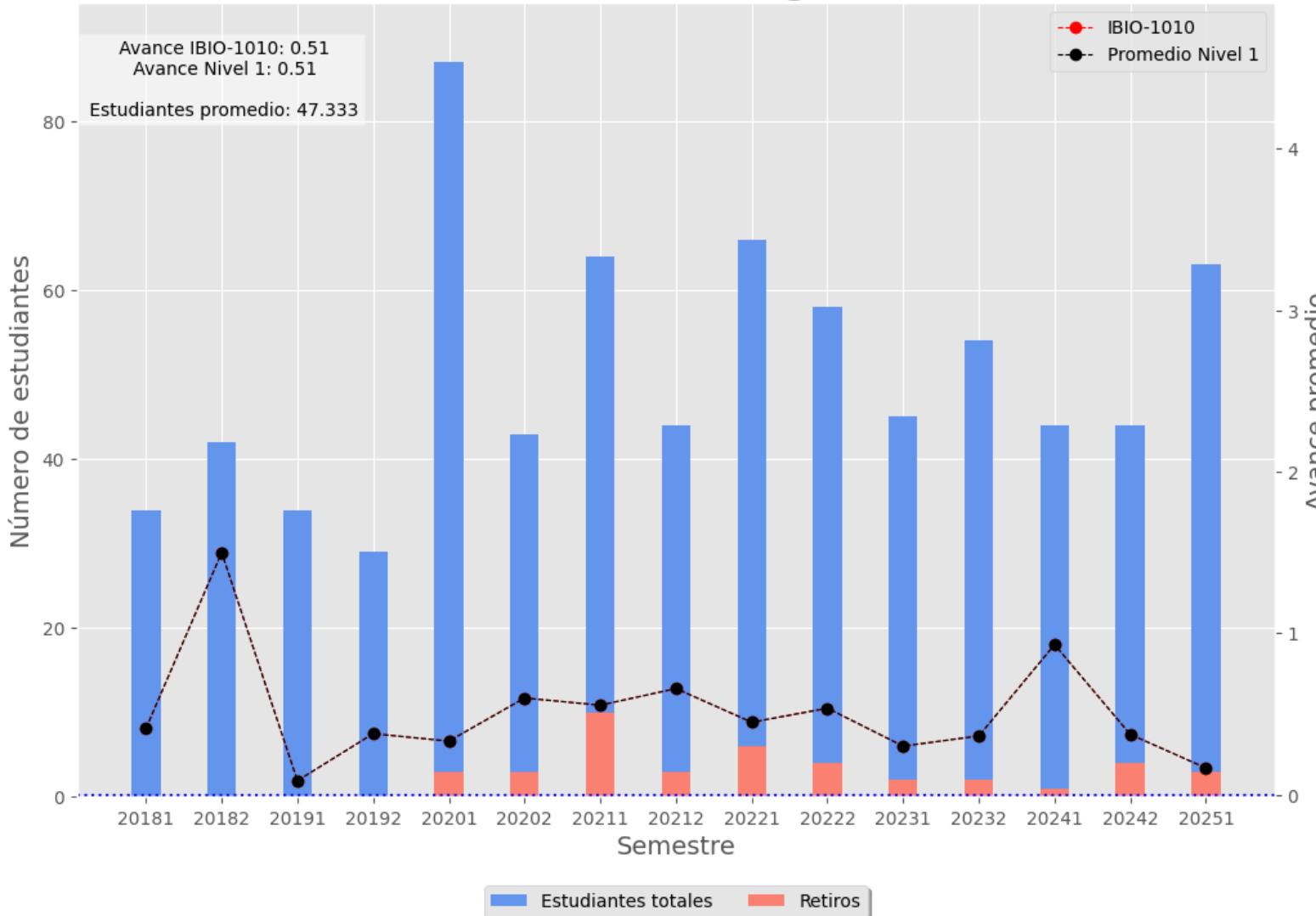


Evolución de todas las cohortes 2018-2025



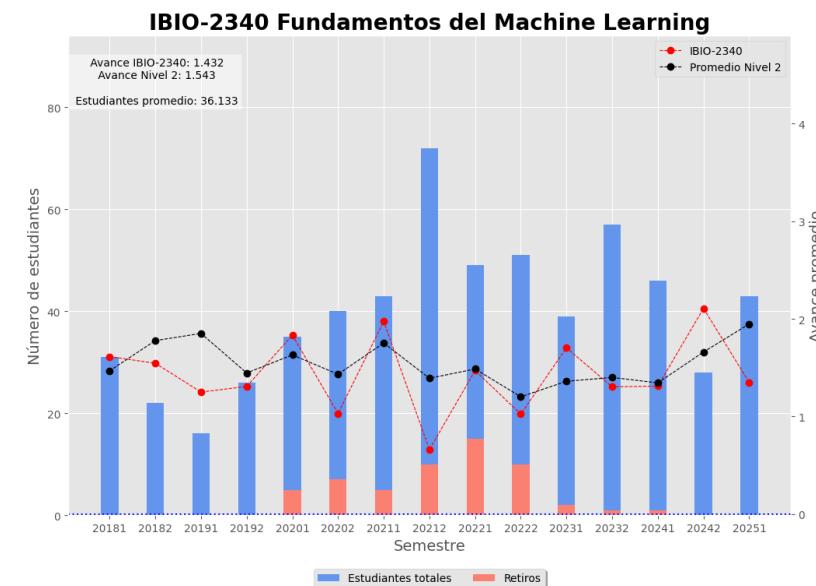
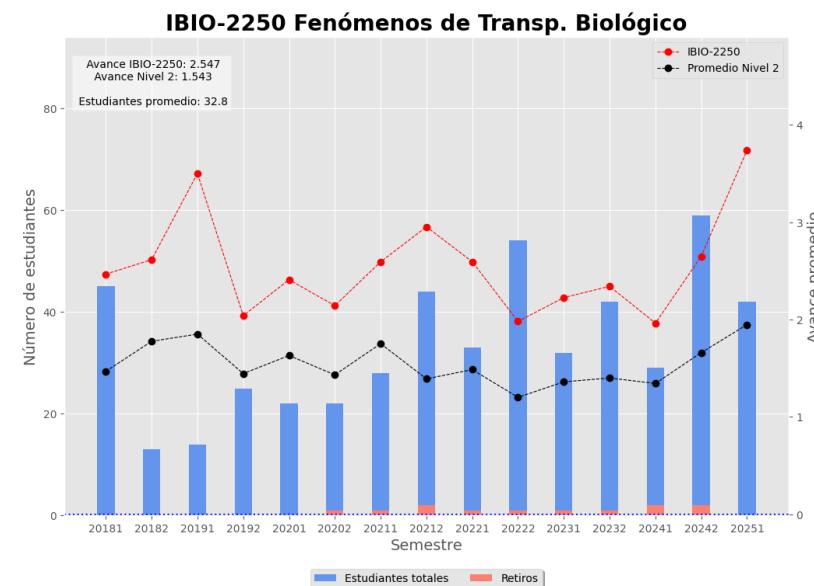
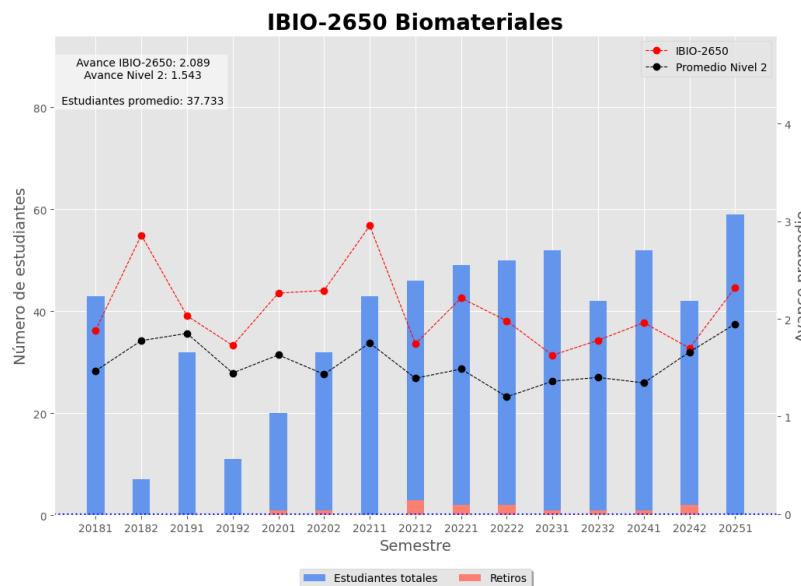
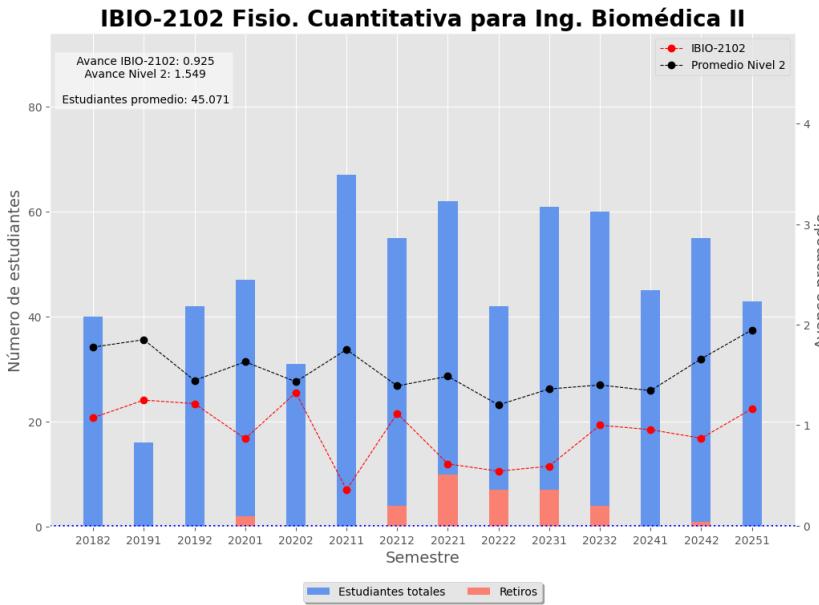
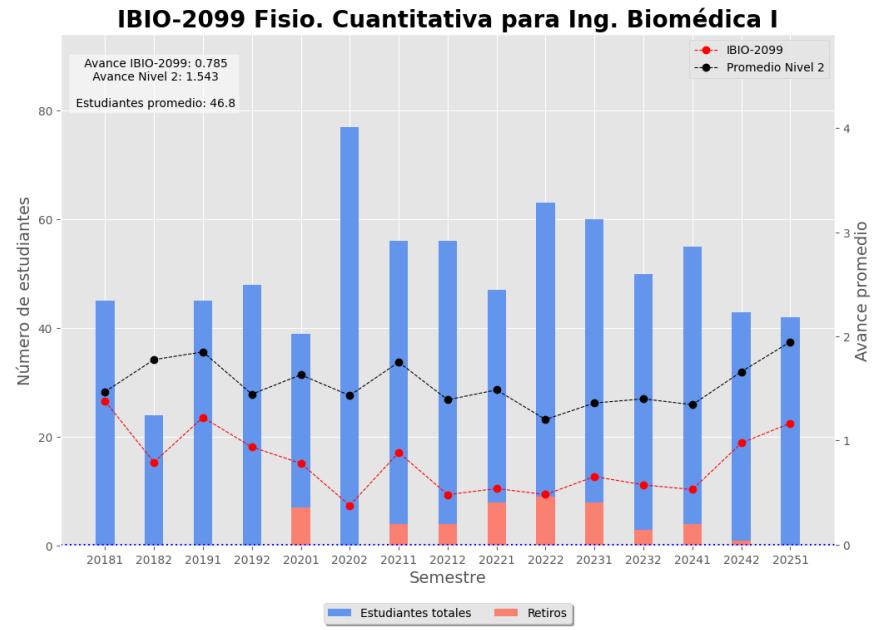
Evolución de cursos desde 2018-1

IBIO-1010 Introducción a la Ingeniería Biomédica

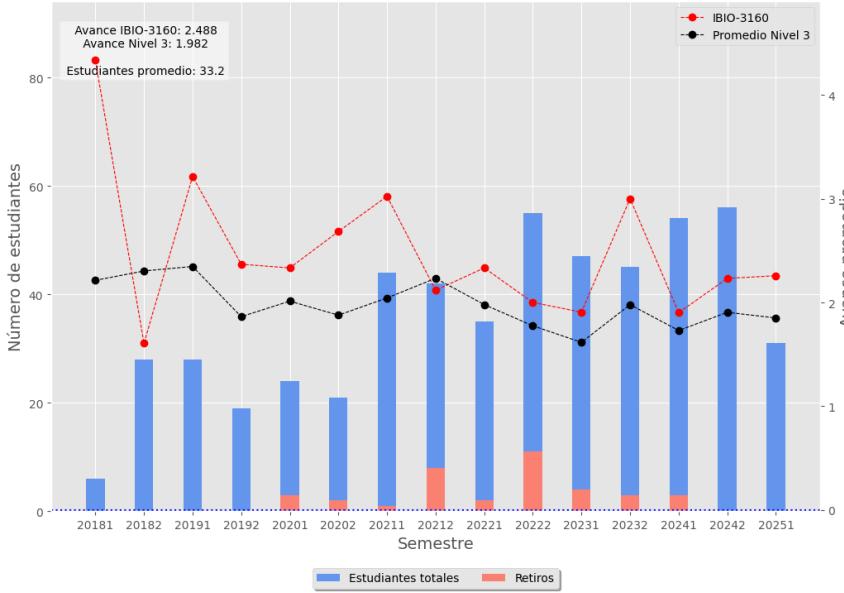
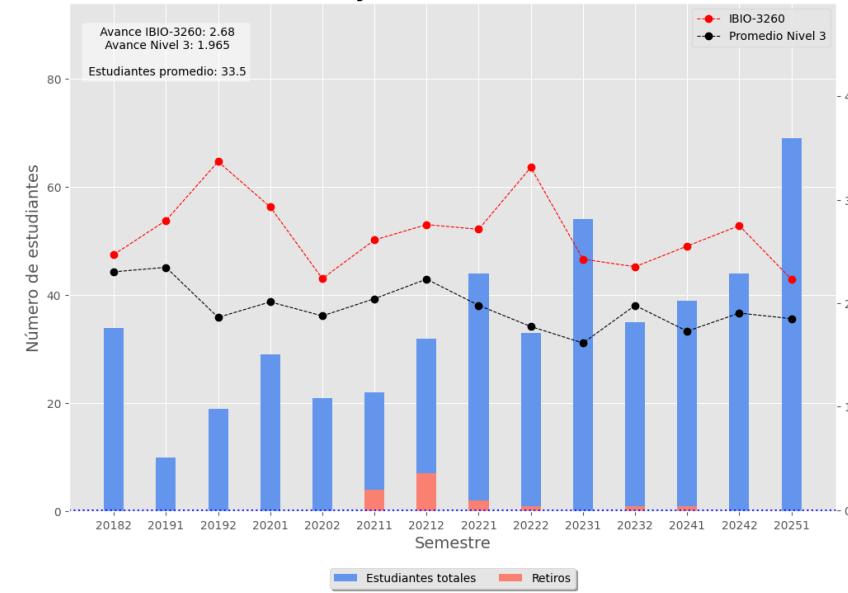
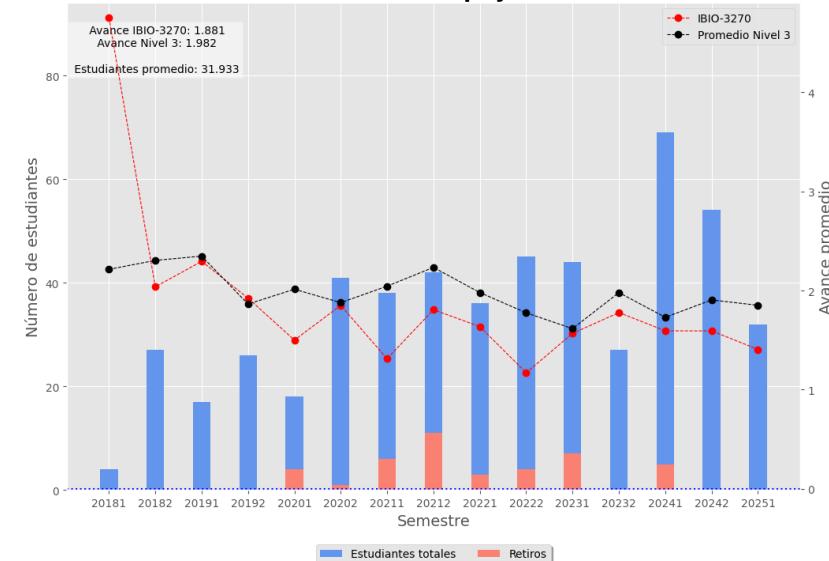
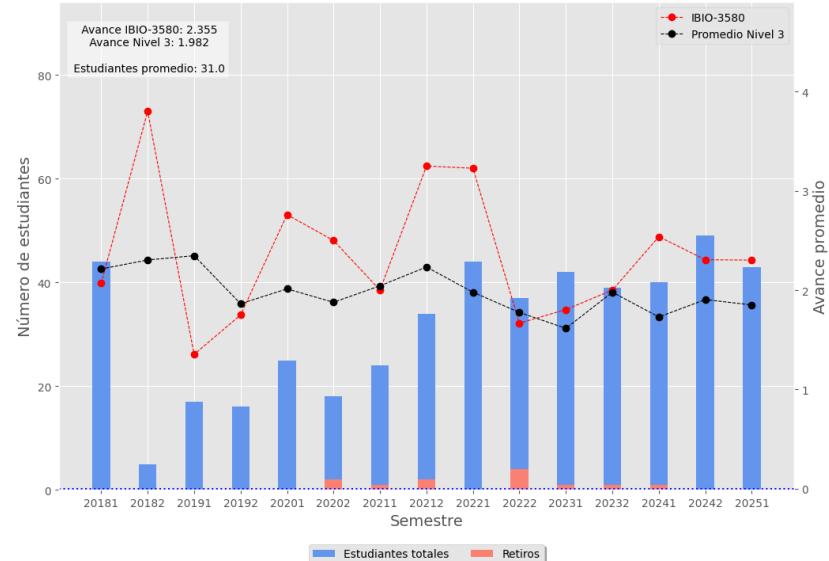
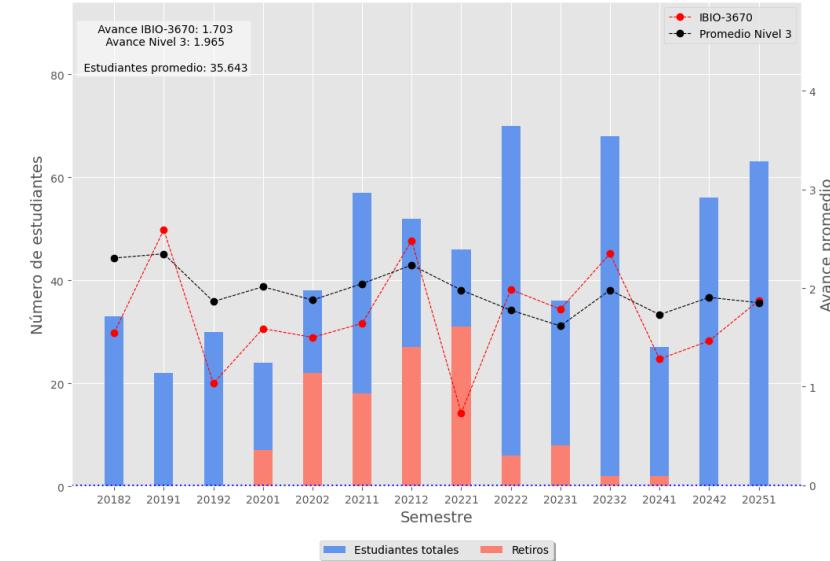


Evolución de cursos desde 2018-1

Cursos Nivel 2

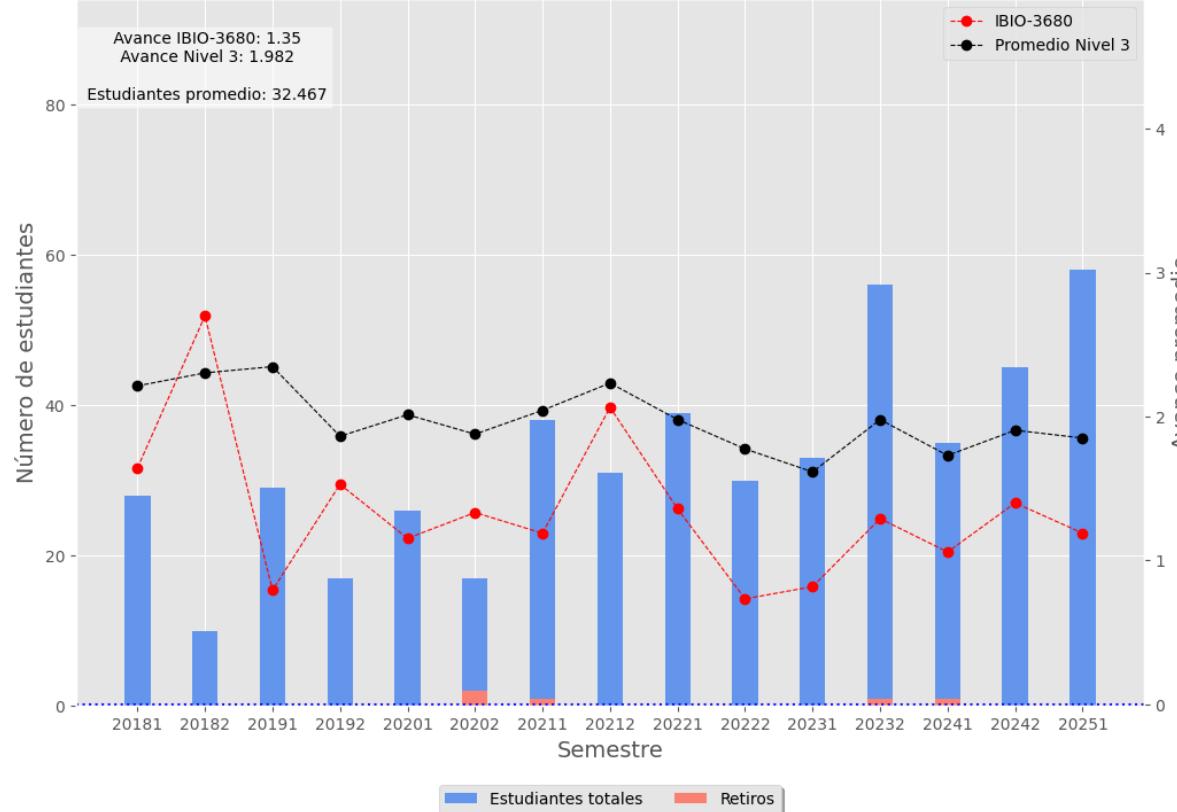


Evolución de cursos desde 2018-1

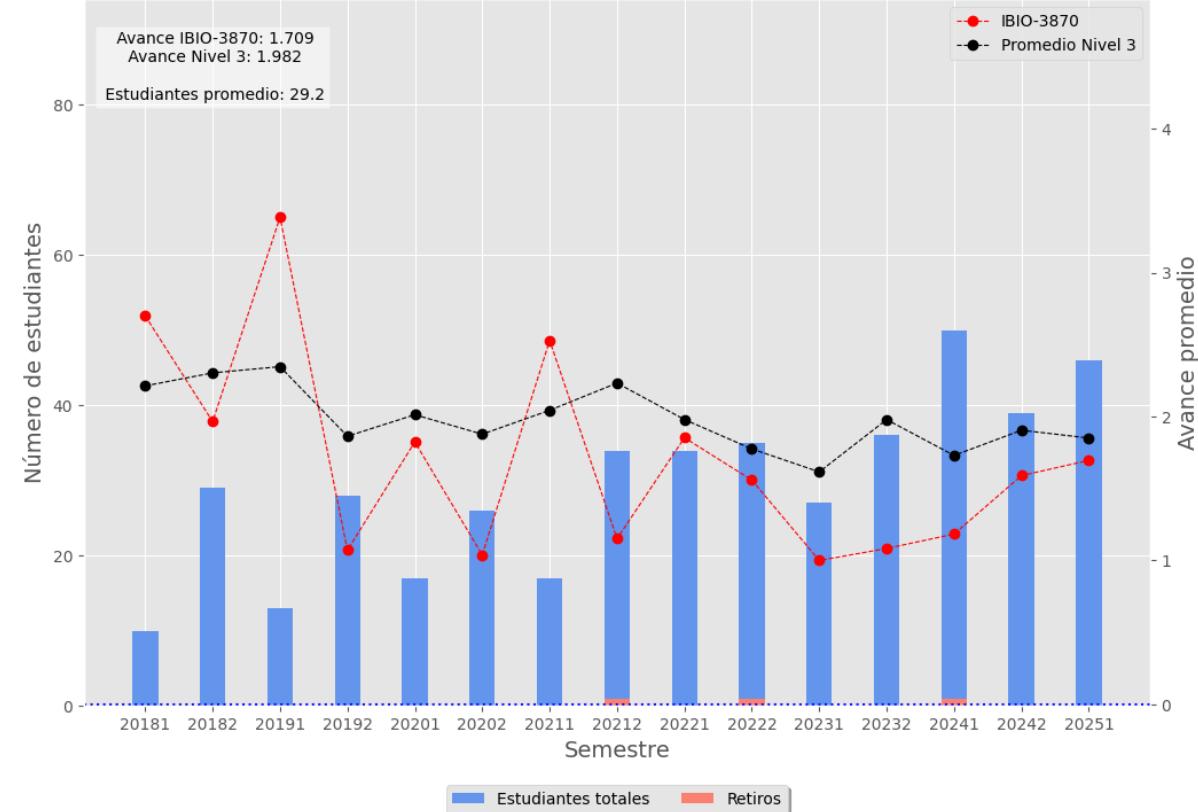
IBIO-3160 Biomecánica**IBIO-3260 Model. y Simulación de Sist. Biomédicos****IBIO-3270 Diseño de Exp. y Bioestadística****IBIO-3580 Señales Biomédicas****IBIO-3670 Fundamentos de Reconocimiento Visual**

Evolución de cursos desde 2018-1

IBIO-3680 Proyecto de Diseño 1

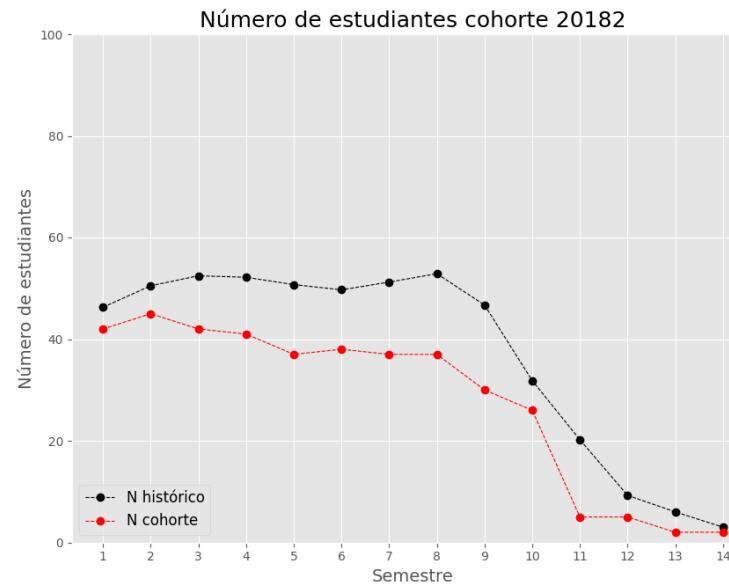
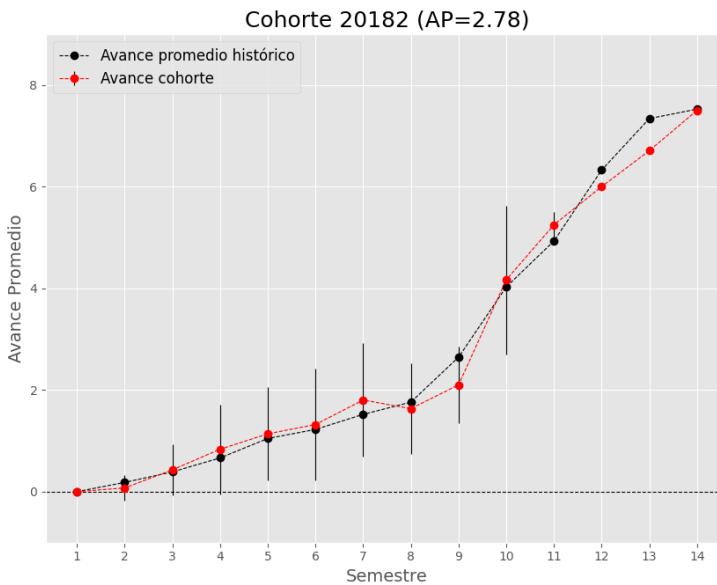
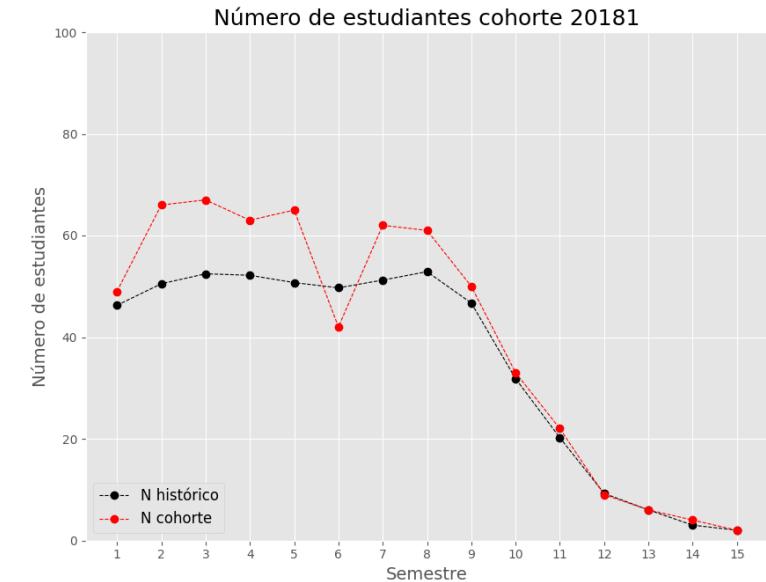
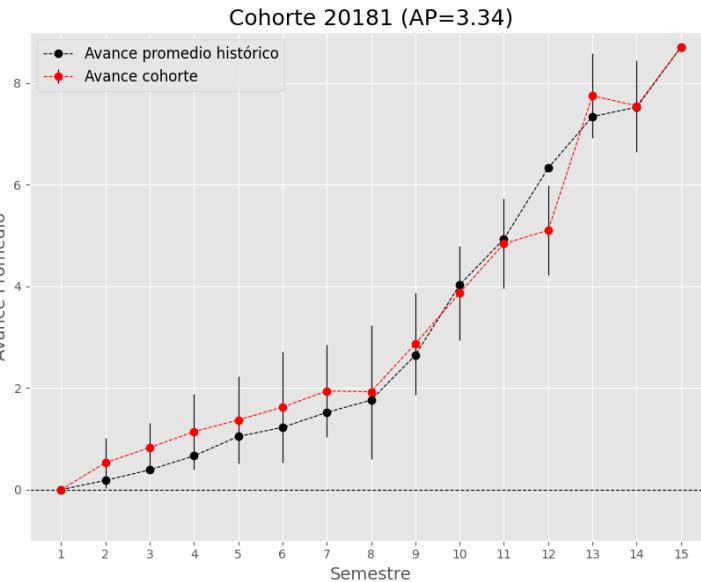


IBIO-3870 Proyecto de Diseño 2



Evolución de cohortes 2018

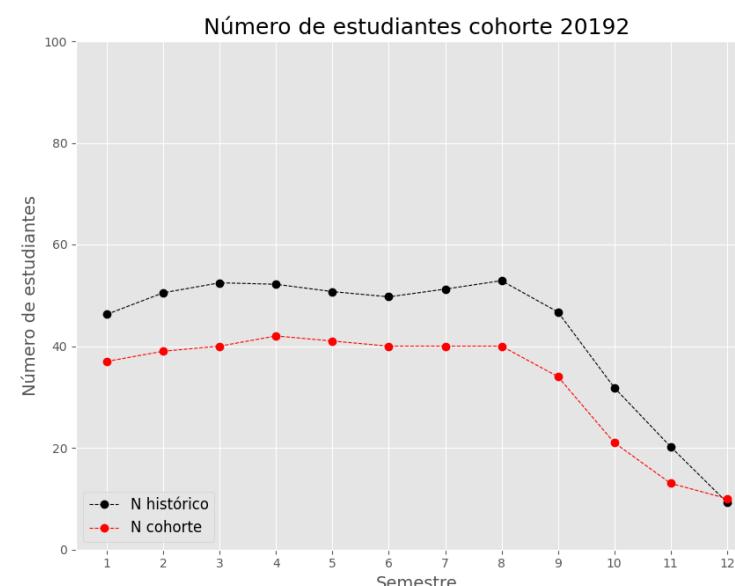
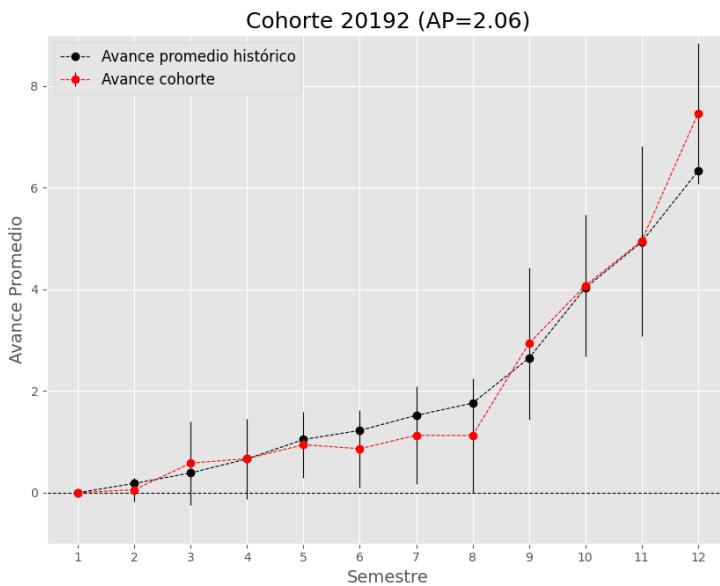
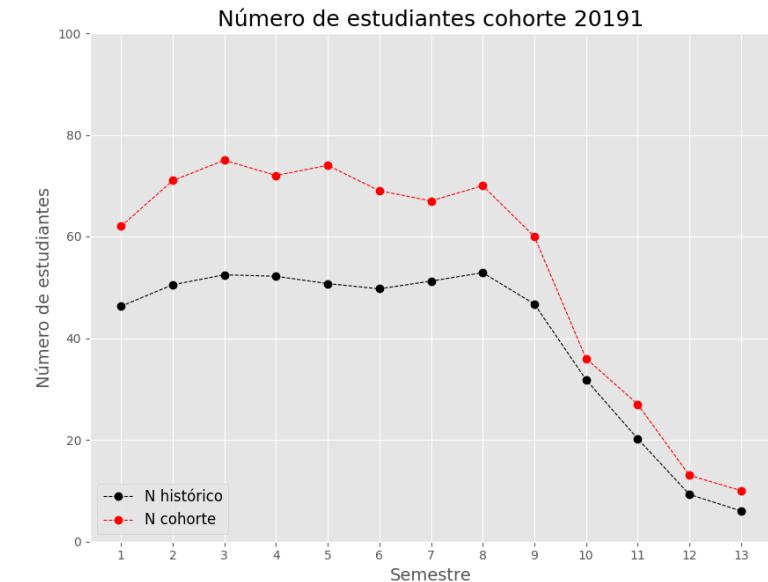
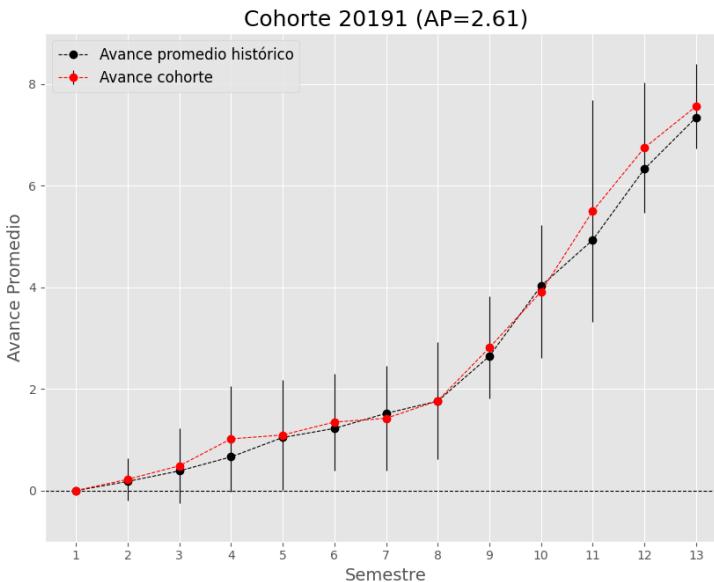
2018-1



2018-2

Evolución de cohortes 2019

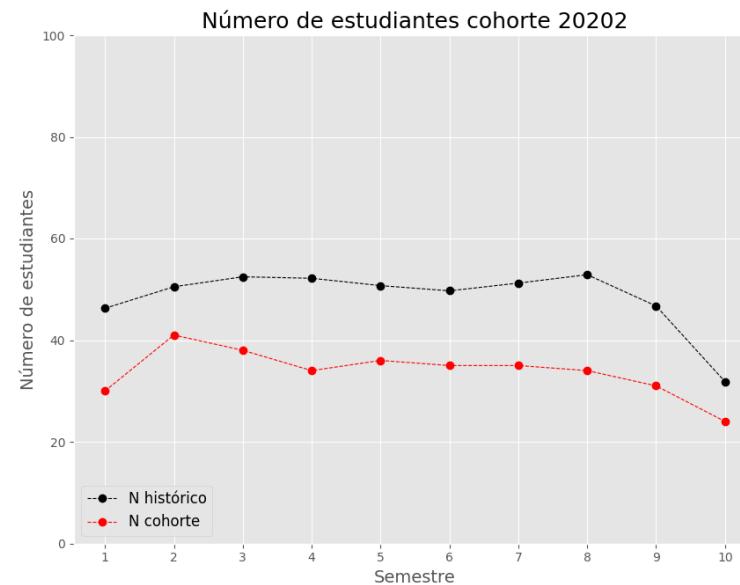
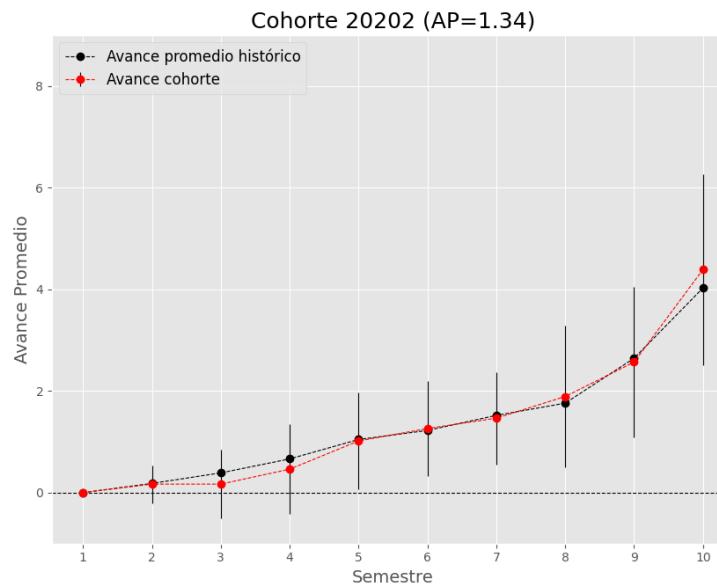
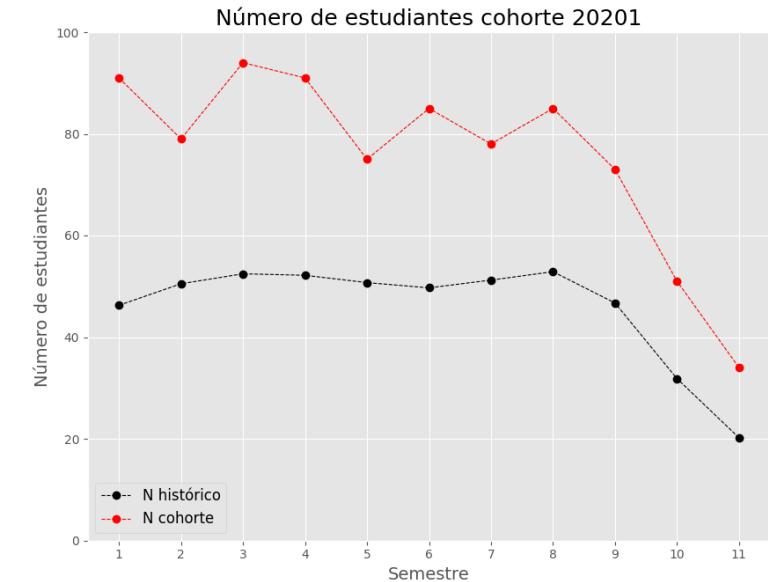
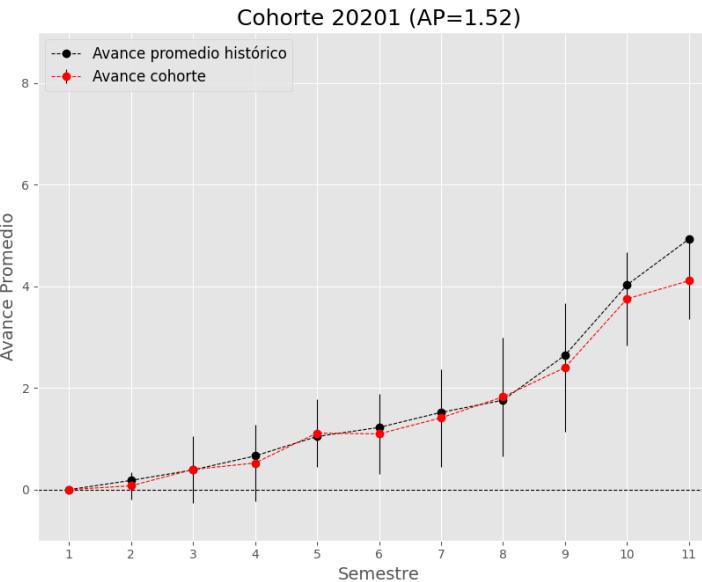
2019-1



2019-2

Evolución de cohortes 2020

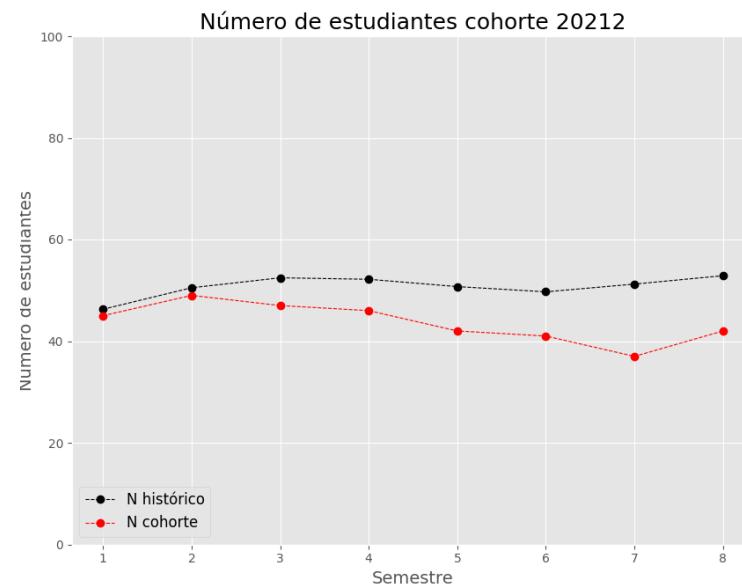
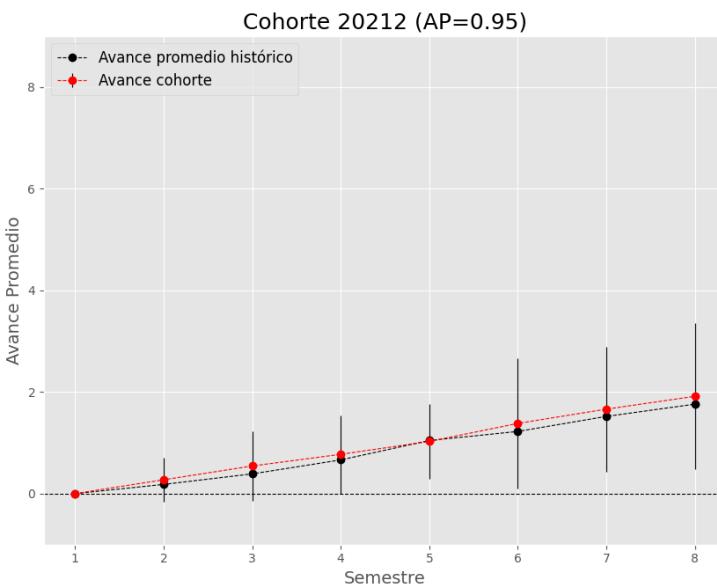
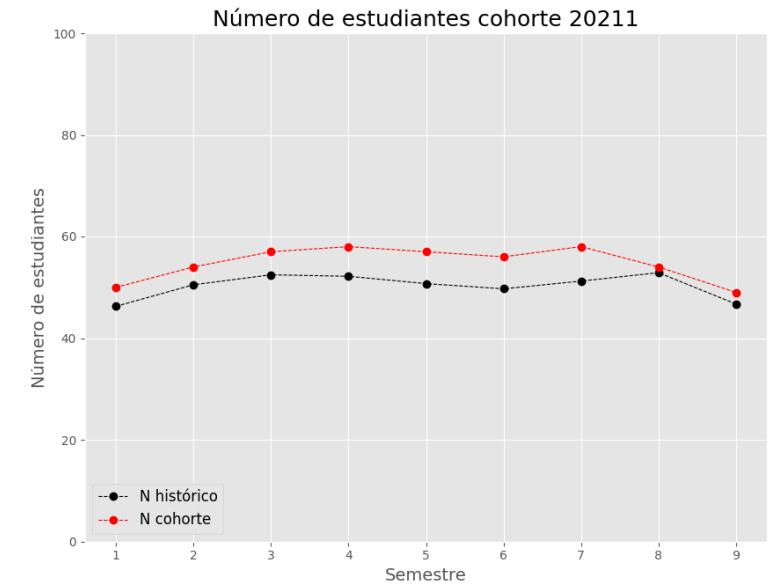
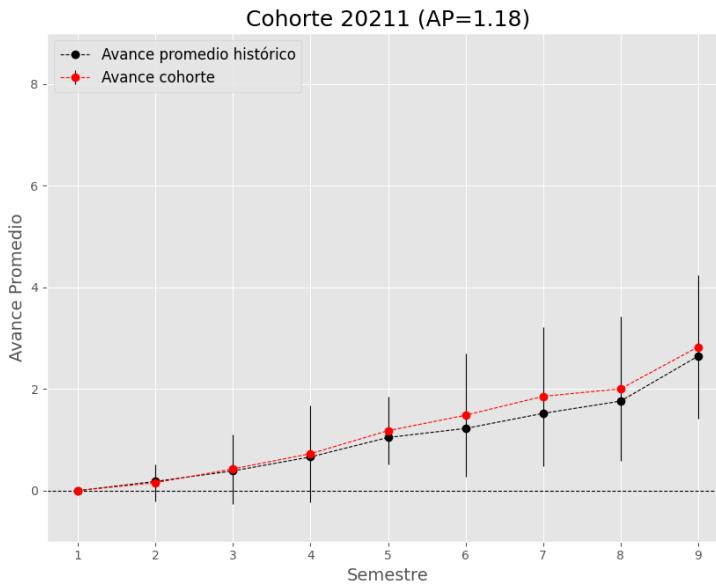
2020-1



2020-2

Evolución de cohortes 2021

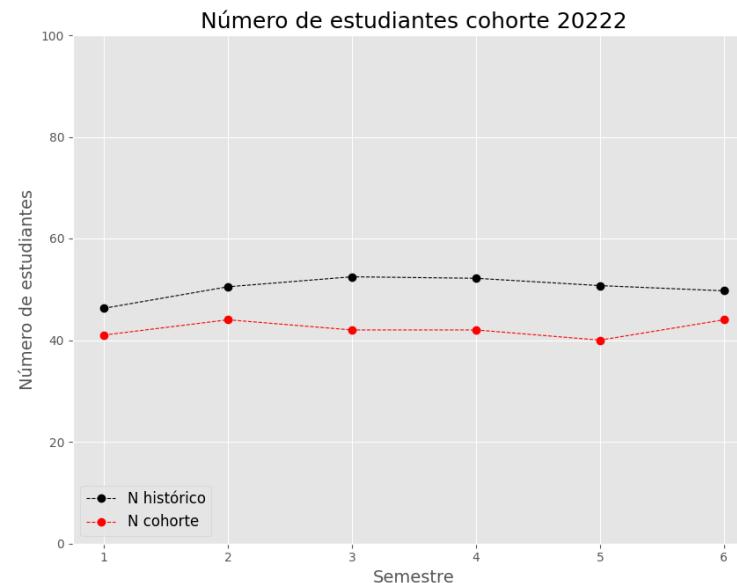
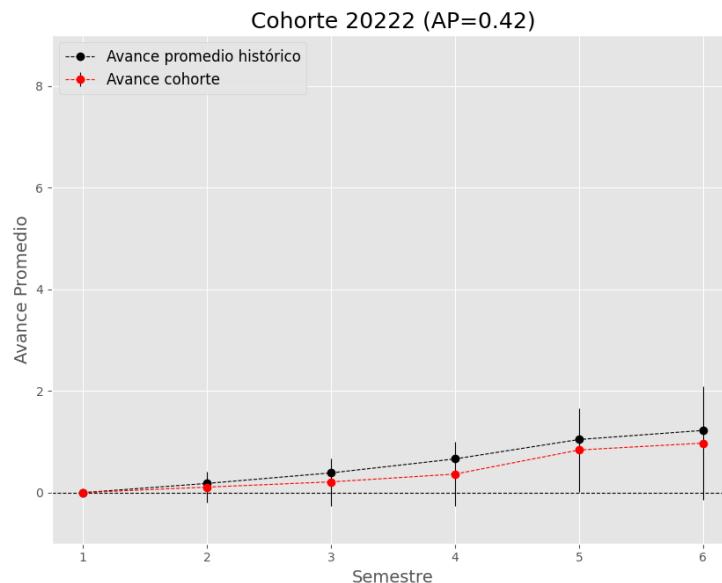
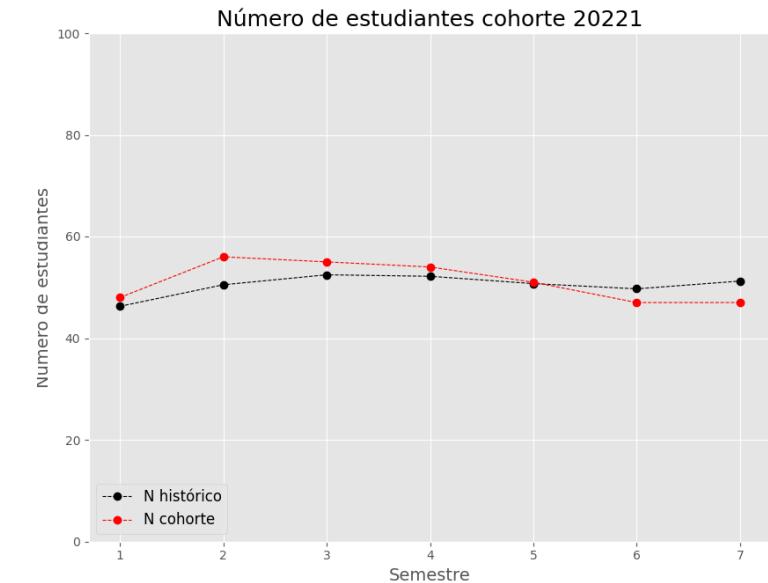
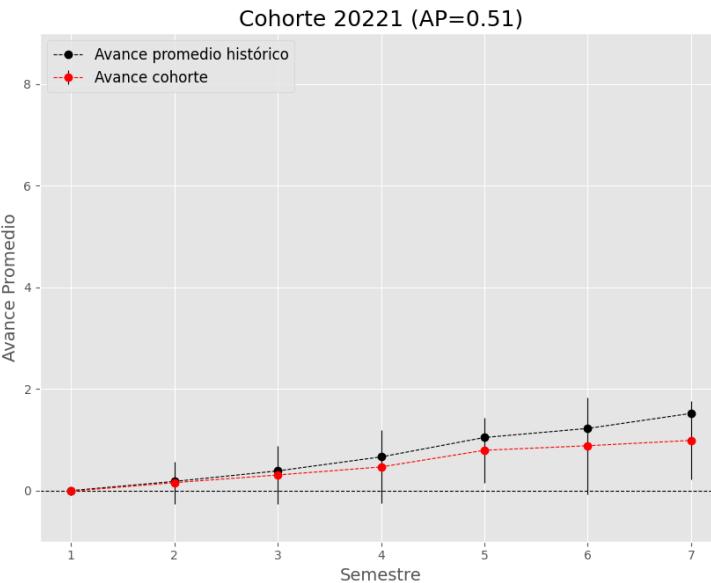
2021-1



2021-2

Evolución de cohortes 2022

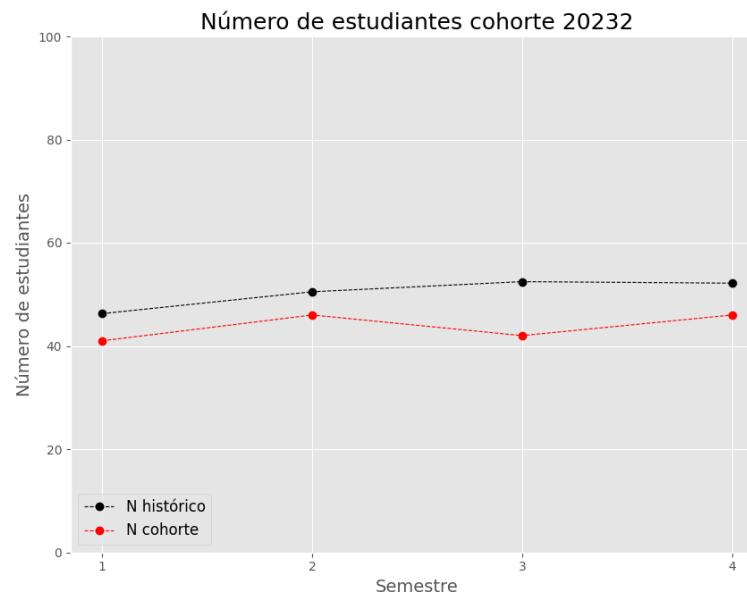
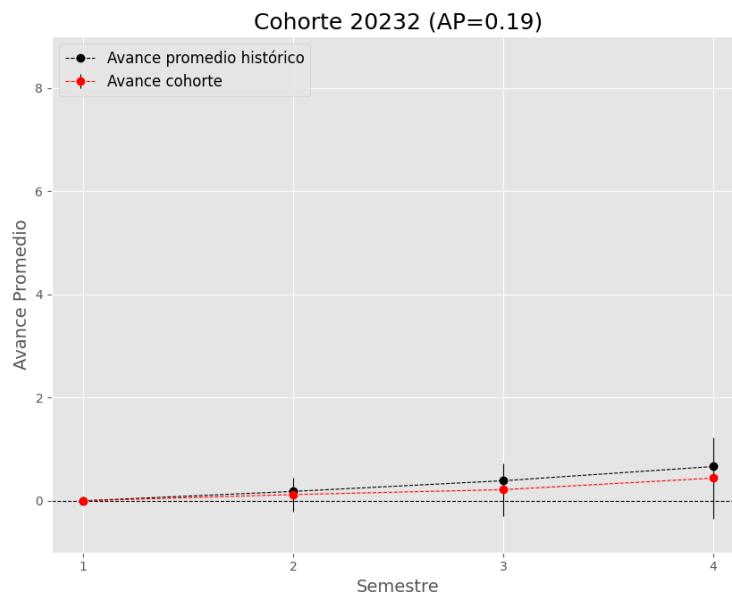
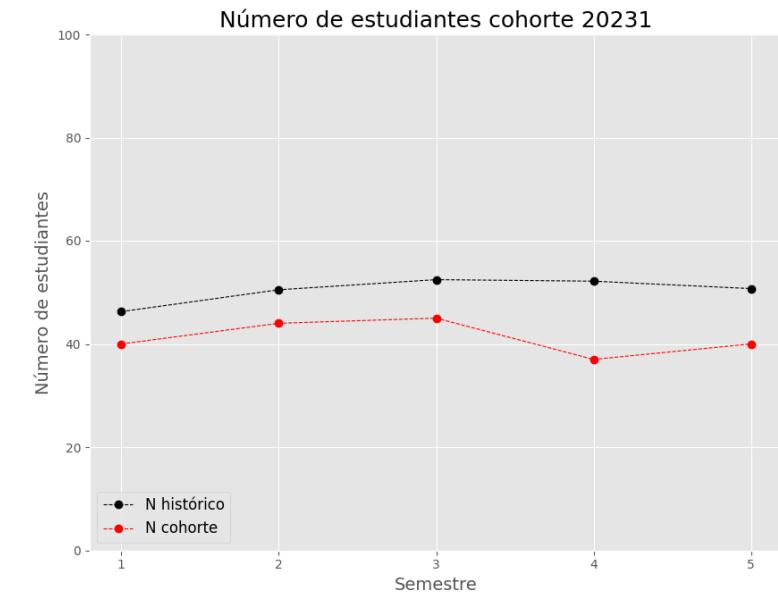
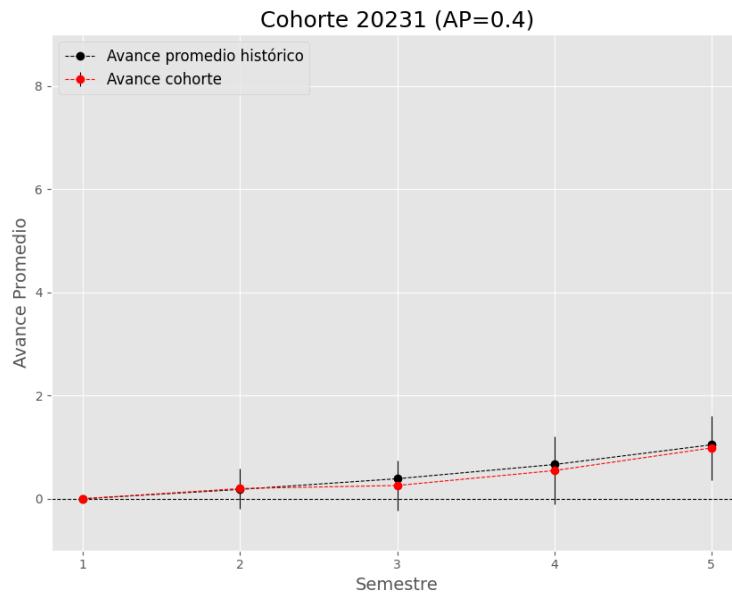
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2022-2

Evolución de cohortes 2023

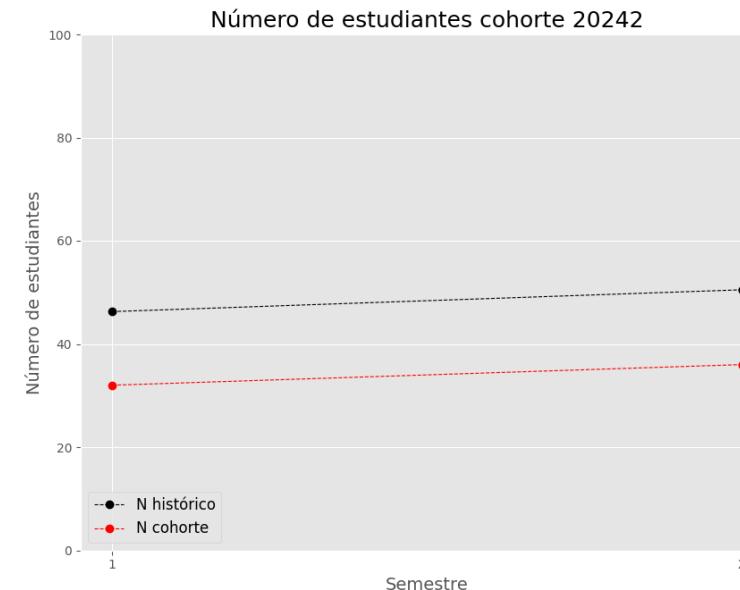
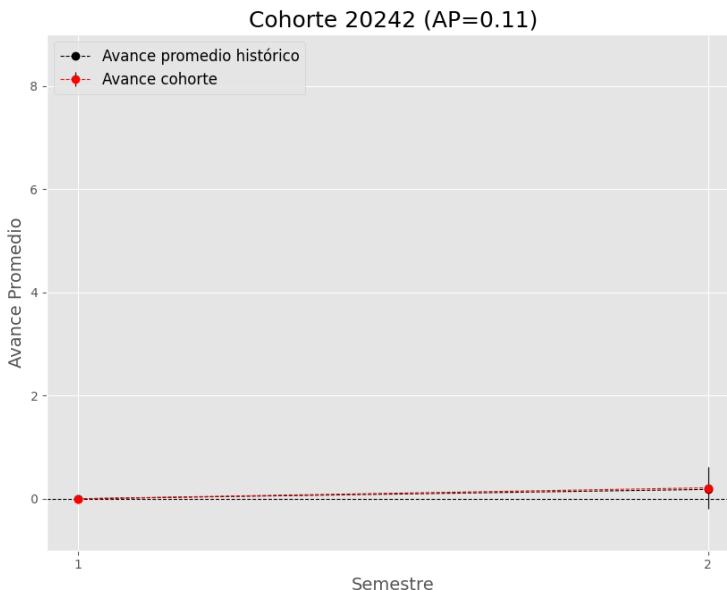
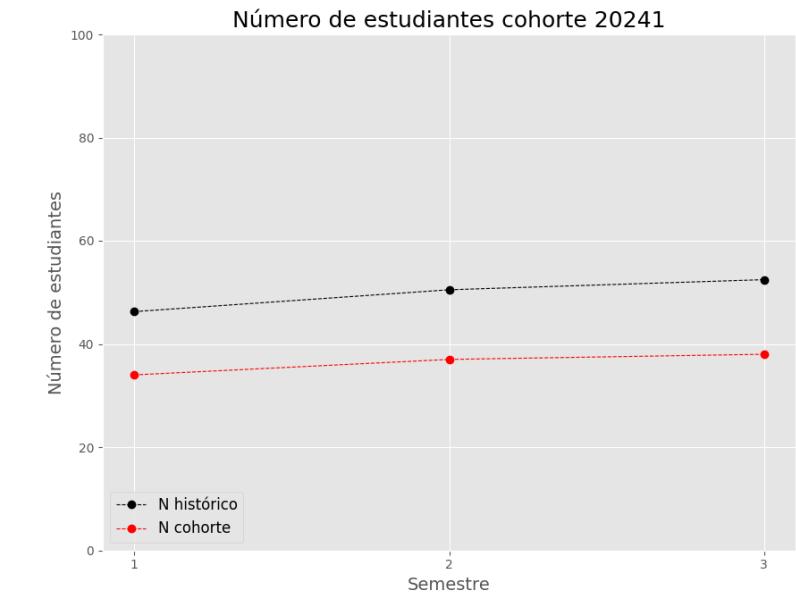
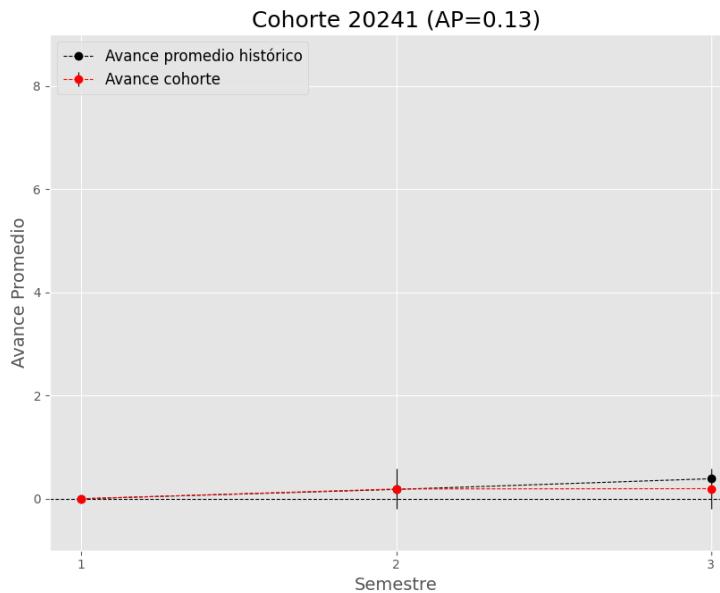
2023-1



2023-2

Evolución de cohortes 2024

2024-1



2024-2

Evolución de cohortes 2025

2025-1

