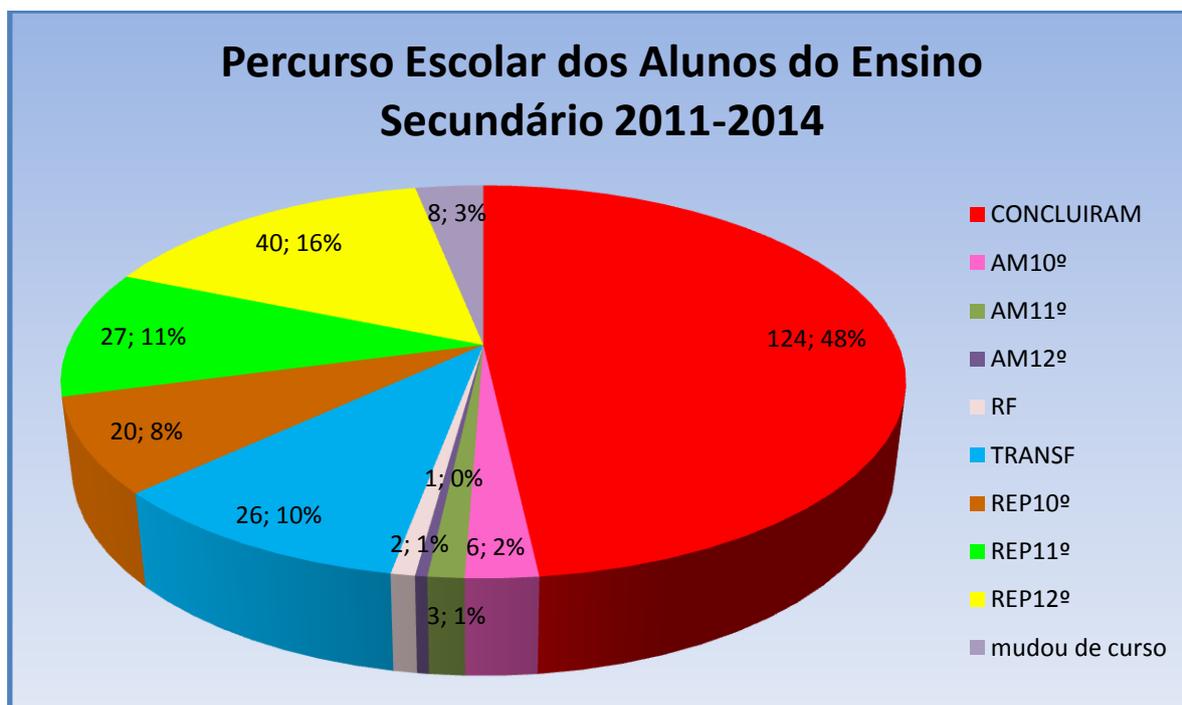


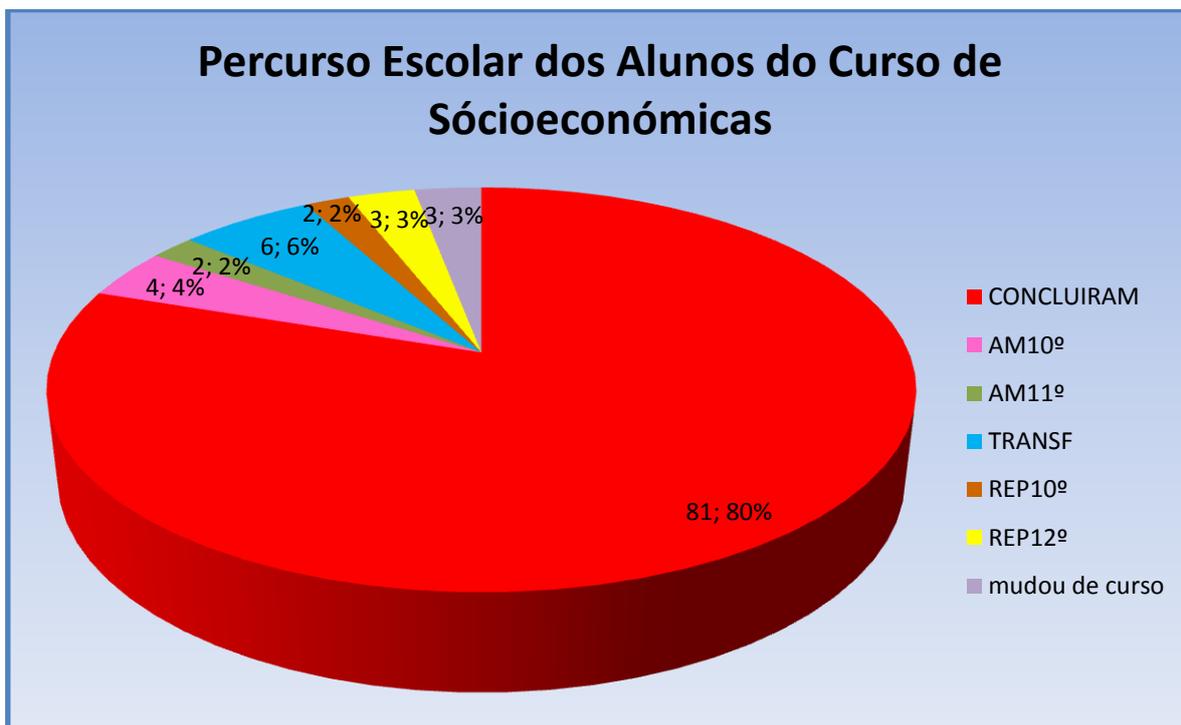
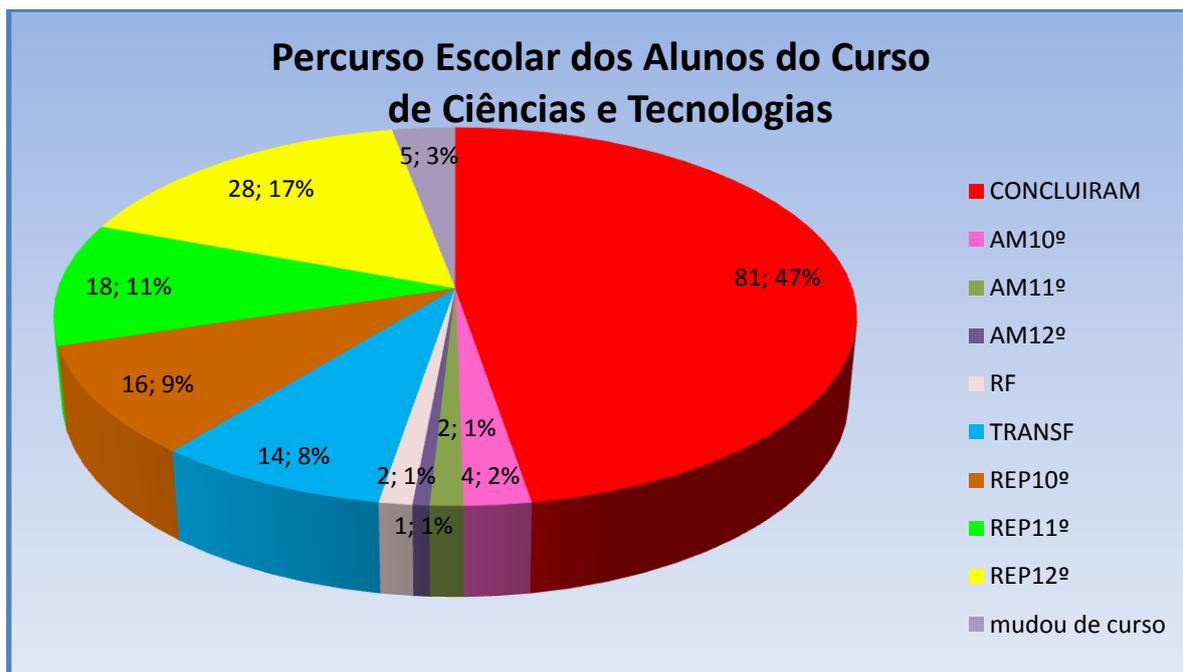
Introdução:

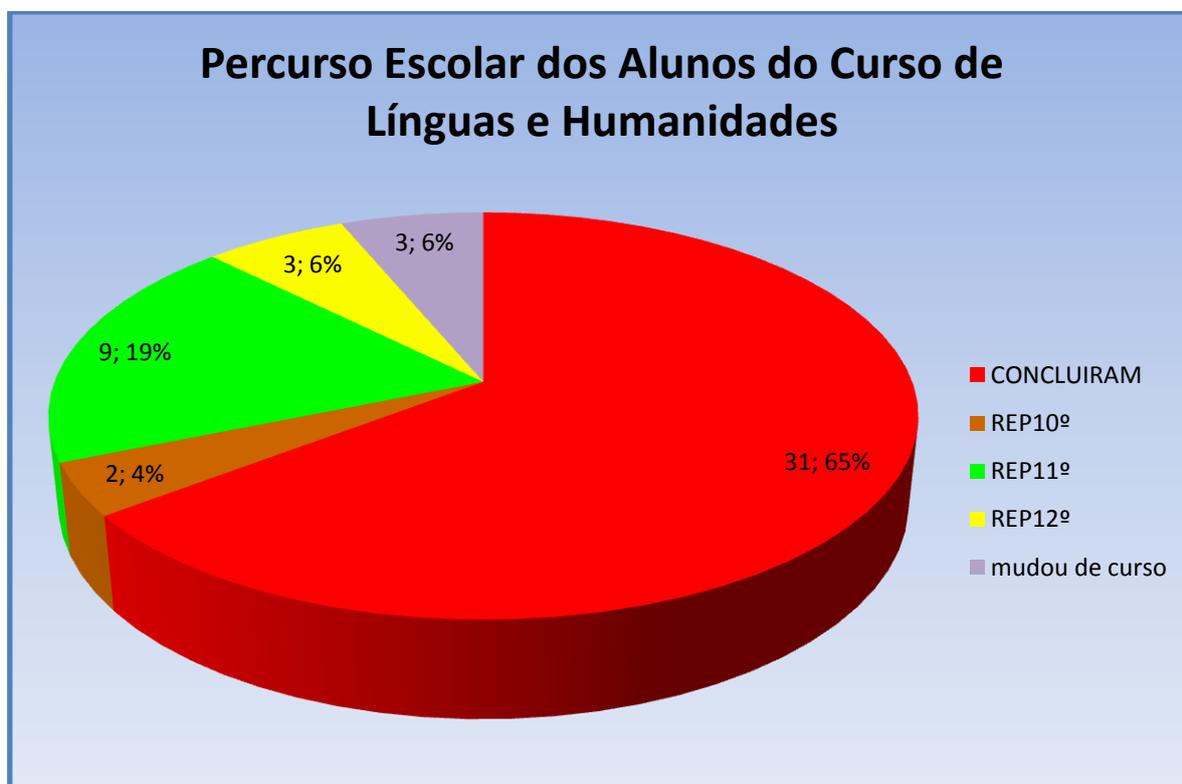
Em estatística descritiva, o **coeficiente de correlação de Pearson**, também chamado de "coeficiente de correlação produto-momento" ou simplesmente de "**r** de Pearson" mede o grau da correlação (e a direcção dessa correlação - se positiva ou negativa) entre duas variáveis de escala métrica (intervalar ou de rácio/razão).

Este coeficiente, normalmente representado por **r** assume apenas valores entre -1 e 1. Uma correlação forte situa-se acima de 75% (r^2 superior a 0,5625). Abaixo deste valor a correlação é considerada fraca sendo mesmo irrelevante se estiver entre -50% e 50% (r^2 inferior a 0,25).

- **r** = 1 Significa uma correlação perfeita positiva entre as duas variáveis.
- **r** = - 1 Significa uma correlação negativa perfeita entre as duas variáveis - Isto é, se uma aumenta, a outra diminui.
- **r** = 0 Significa que as duas variáveis não dependem linearmente uma da outra. No entanto, pode existir uma dependência não linear. Assim, o resultado **r** = 0 deve ser investigado por outros meios.

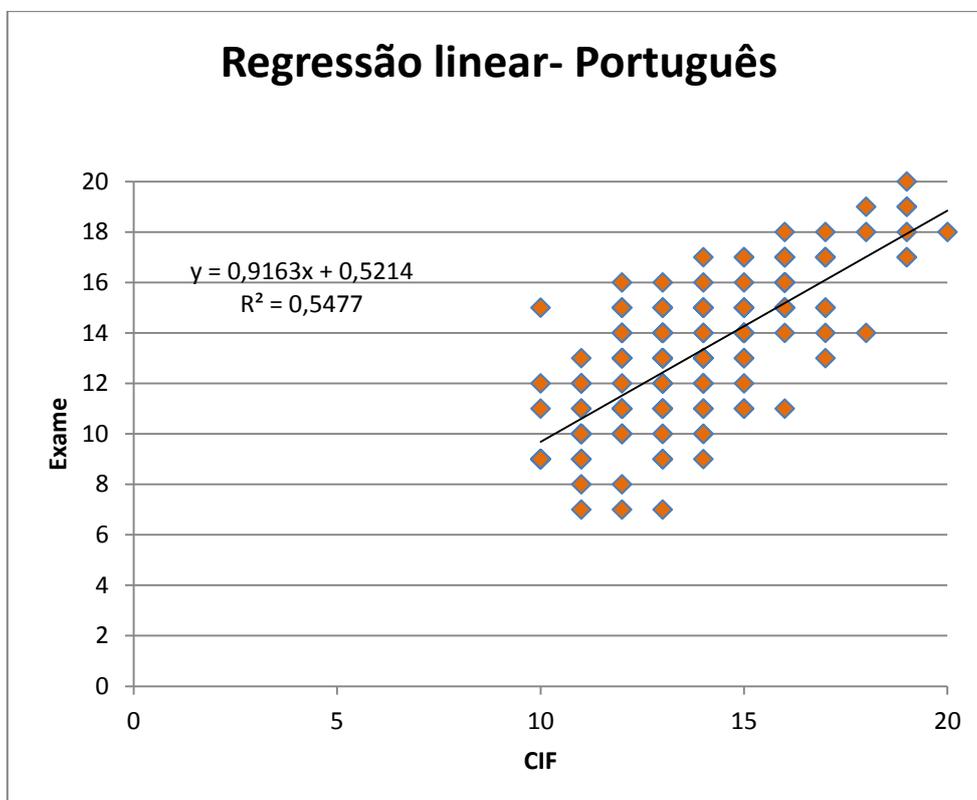
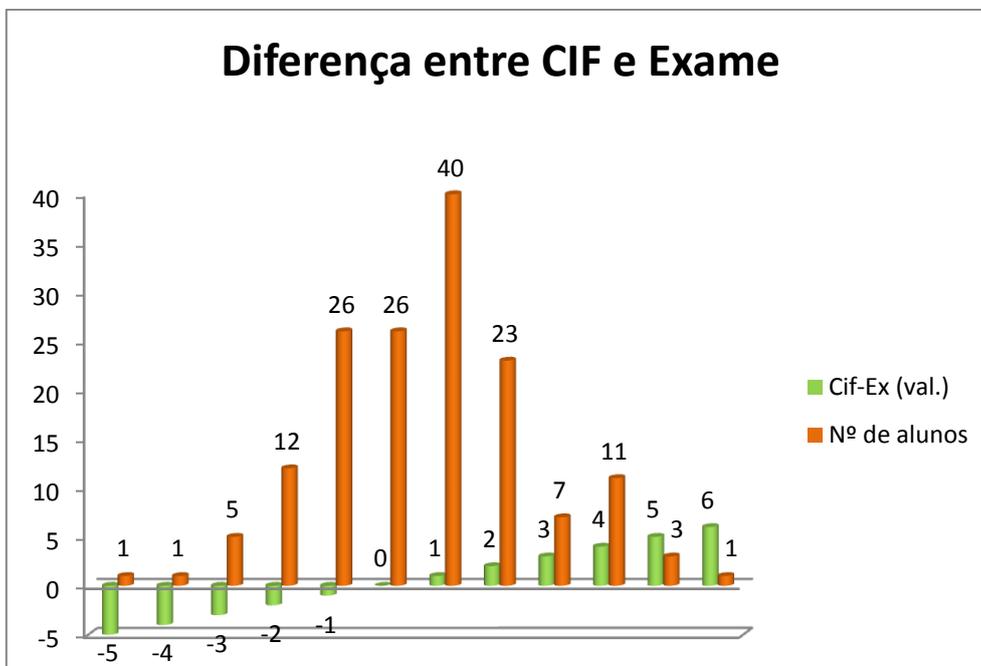






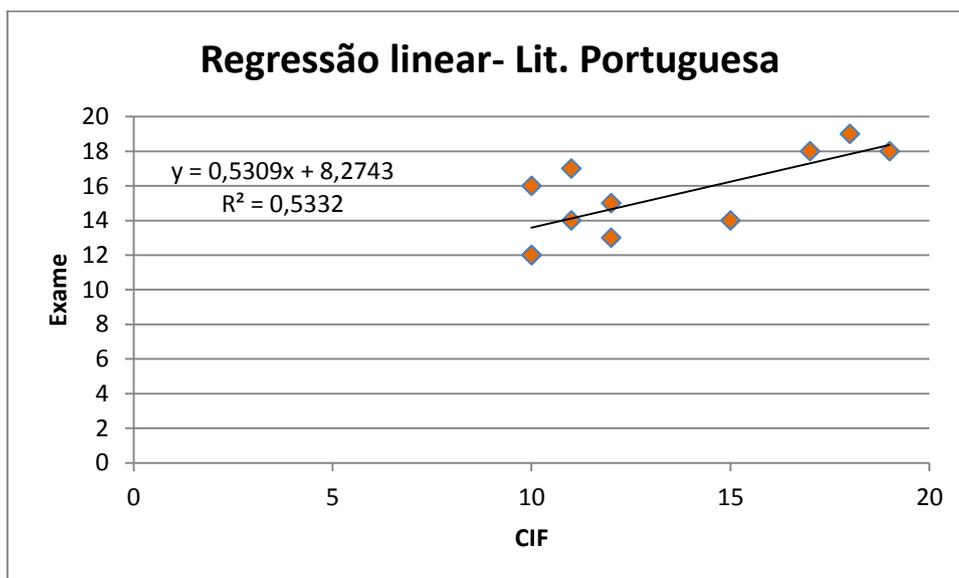
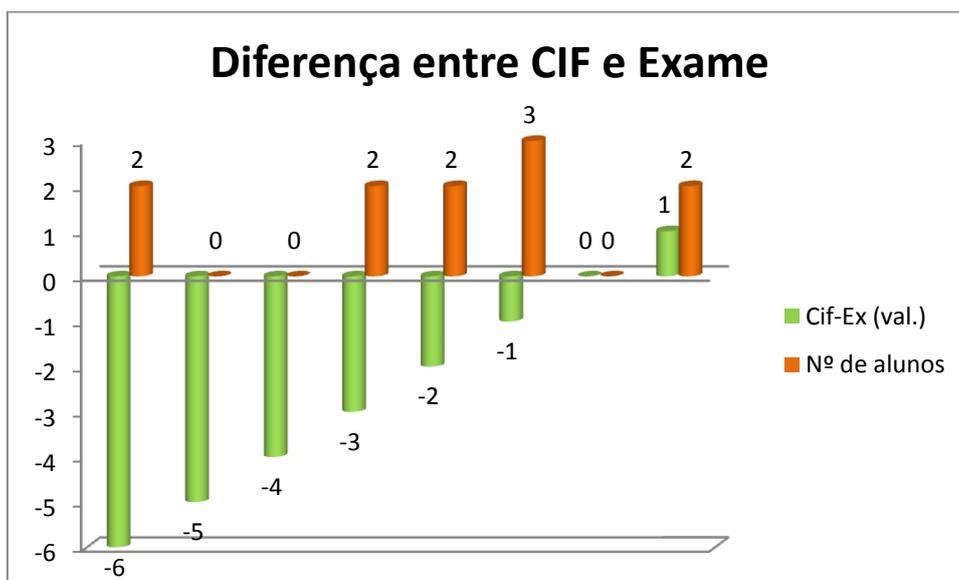
PORTUGUÊS

	CIF	Exame	CFD
Média	13,73	13,10	13,56
Desvio Padrão	2,305	2,854	2,293
Coefficiente de correlação	0,740		



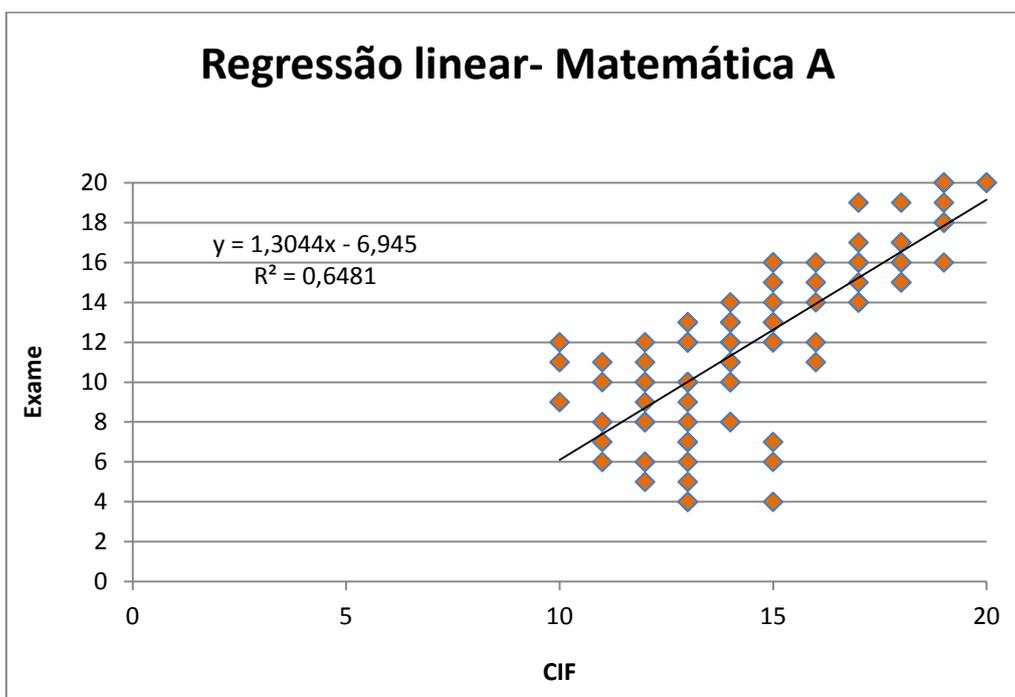
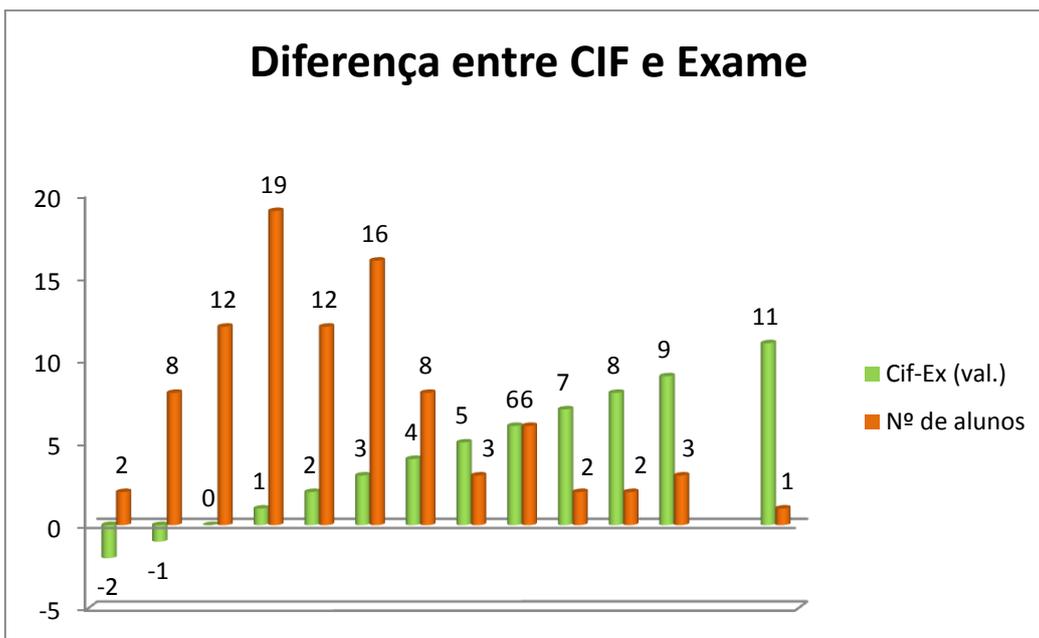
LITERATURA PORTUGUESA

	CIF	Exame	CFD
Média	13,18	15,27	13,91
Desvio padrão	3,270	2,378	2,745
Coeficiente de correlação	0,730		



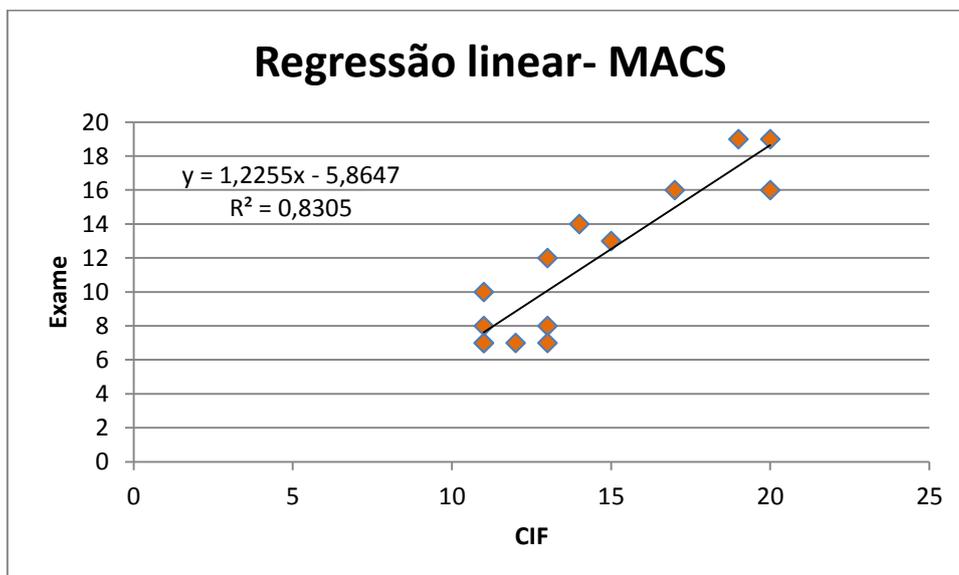
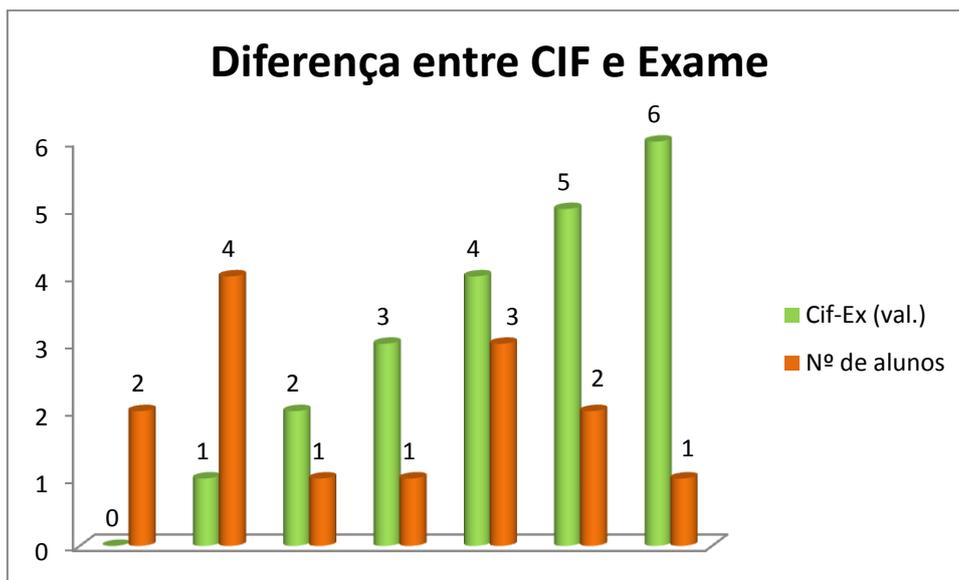
MATEMÁTICA A

	CIF	Exame	CFD
Média	14,78	12,33	14,04
Desvio padrão	2,654	4,301	2,971
Coeficiente de correlação	0,805		



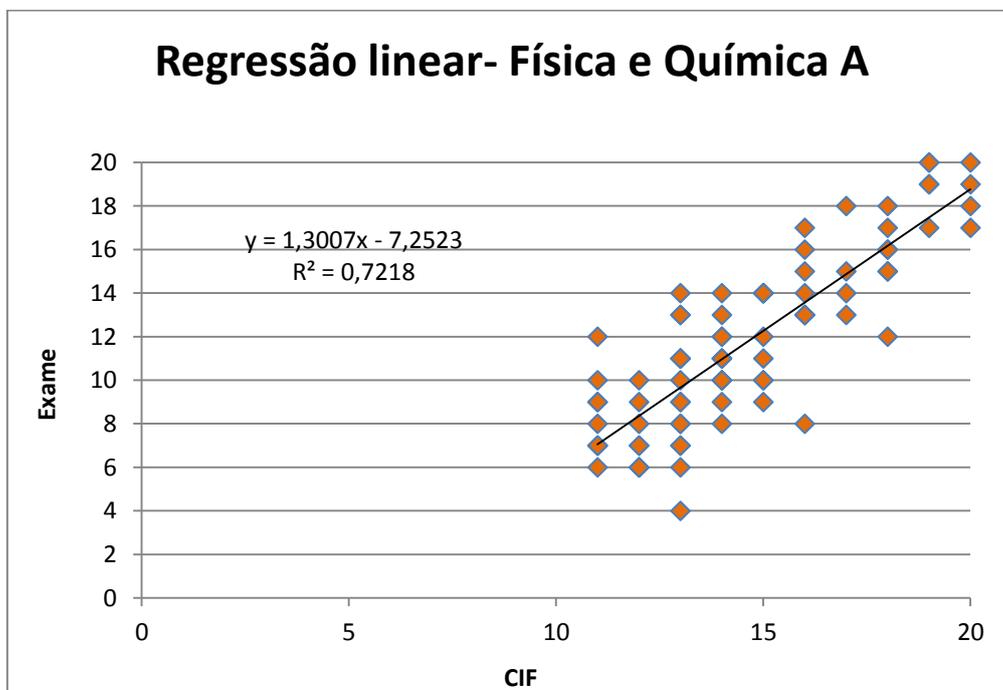
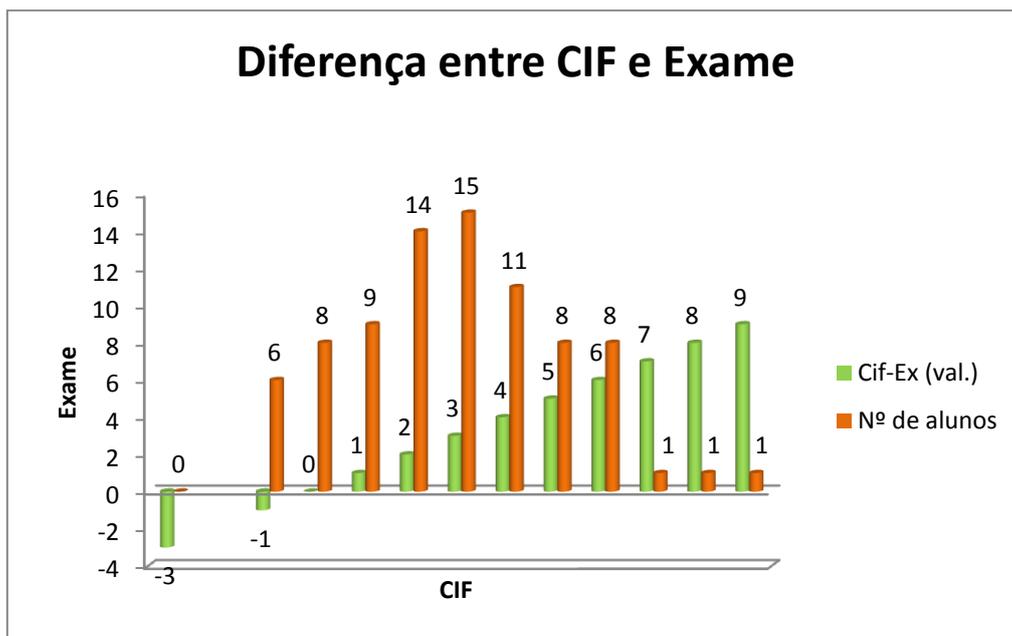
MACS

	CIF	Exame	CFD
Média	14,29	11,64	13,64
Desvio padrão	3,261	4,385	3,517
Coefficiente de correlação	0,911		



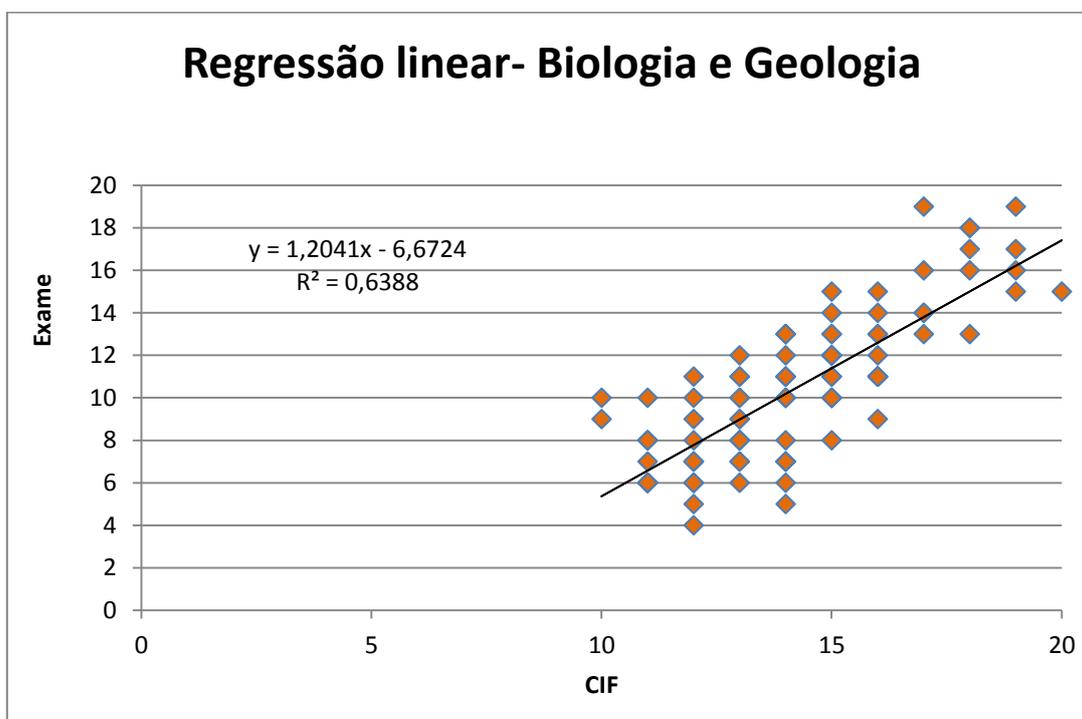
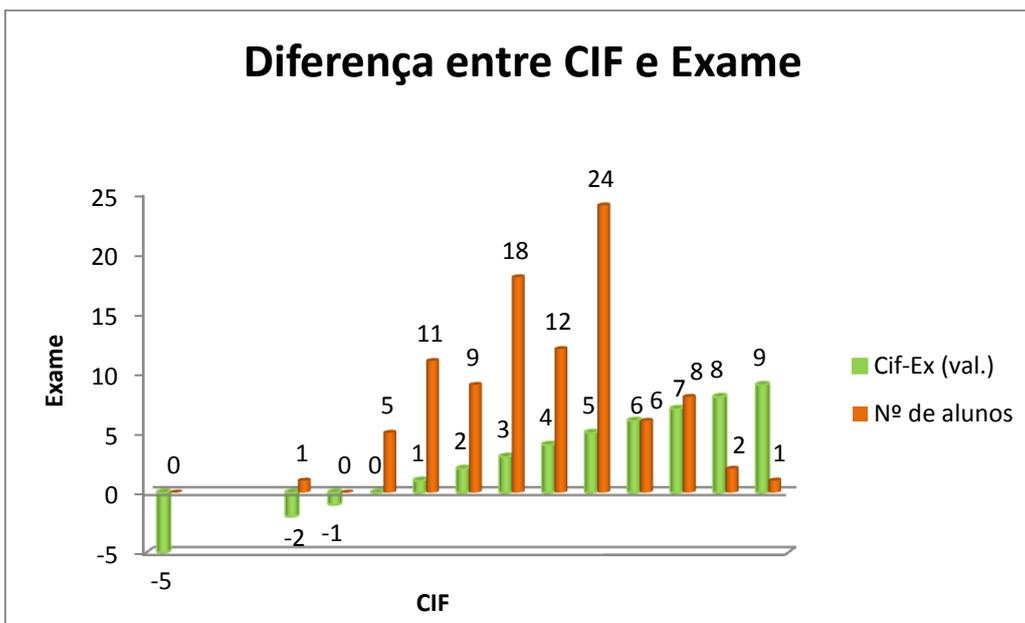
FÍSICA E QUÍMICA A

	CIF	Exame	CFD
Média	14,71	11,88	13,67
Desvio padrão	2,587	3,961	3,197
Coeficiente de correlação	0,850		



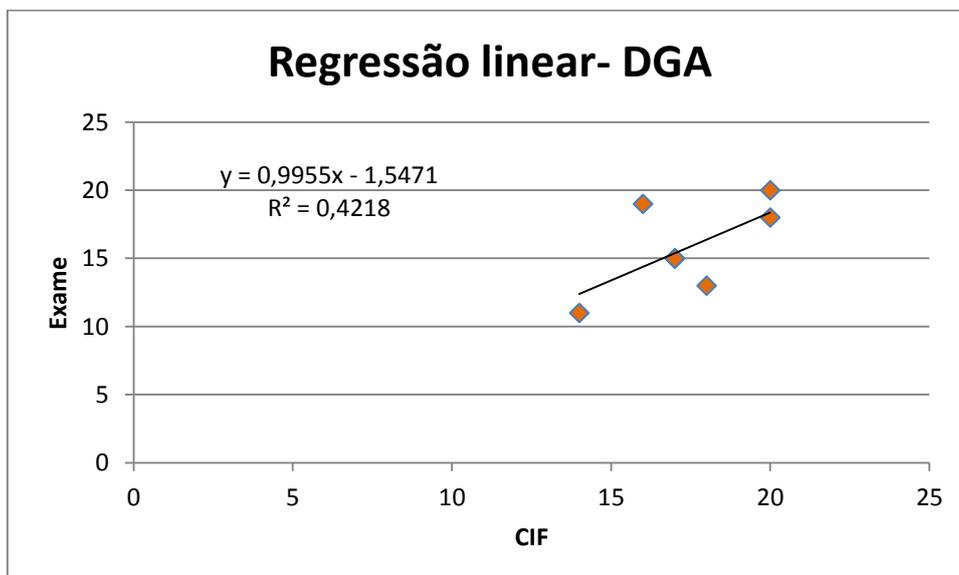
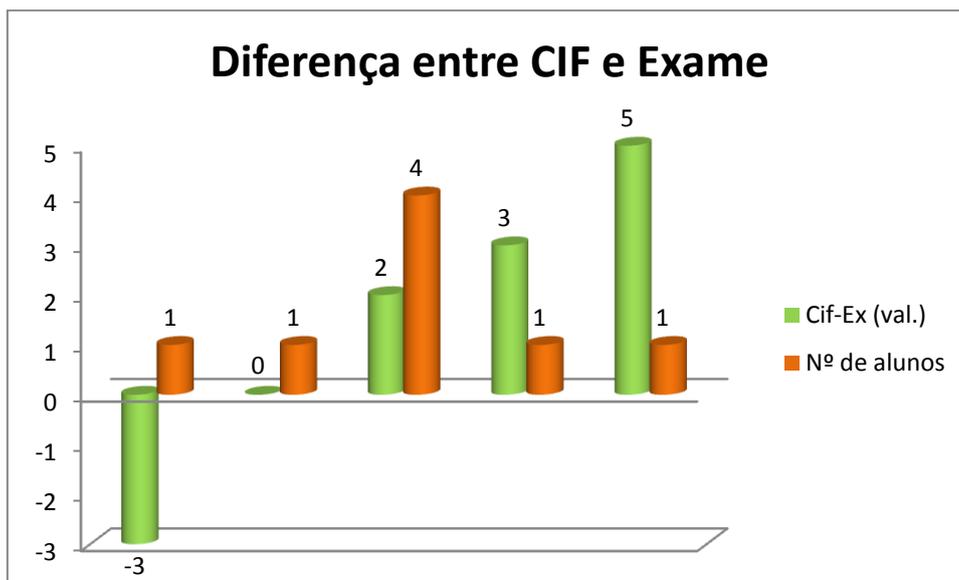
BIOLOGIA E GEOLOGIA

	CIF	Exame	CFD
Média	14,21	10,43	13,21
Desvio padrão	2,297	3,461	2,495
Coeficiente de correlação	0,799		



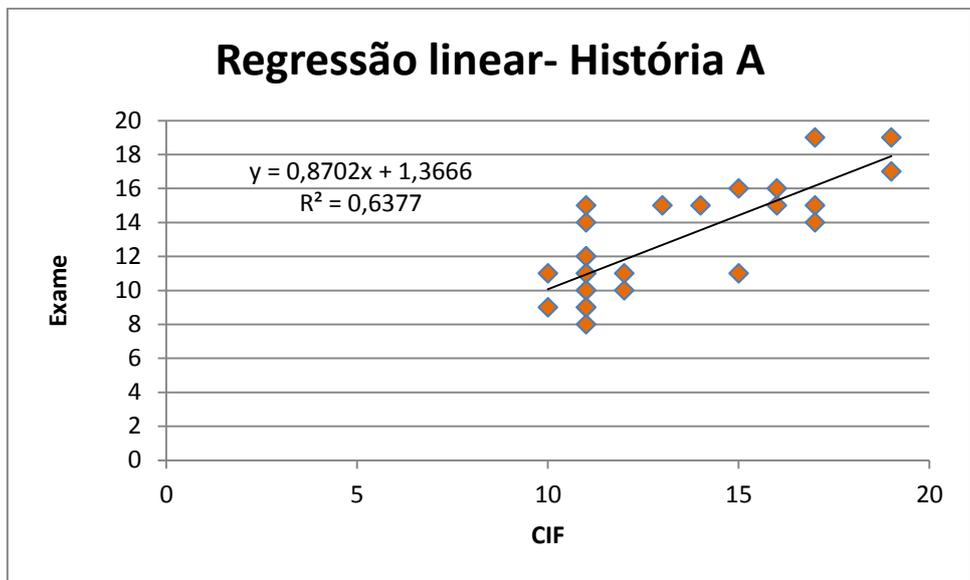
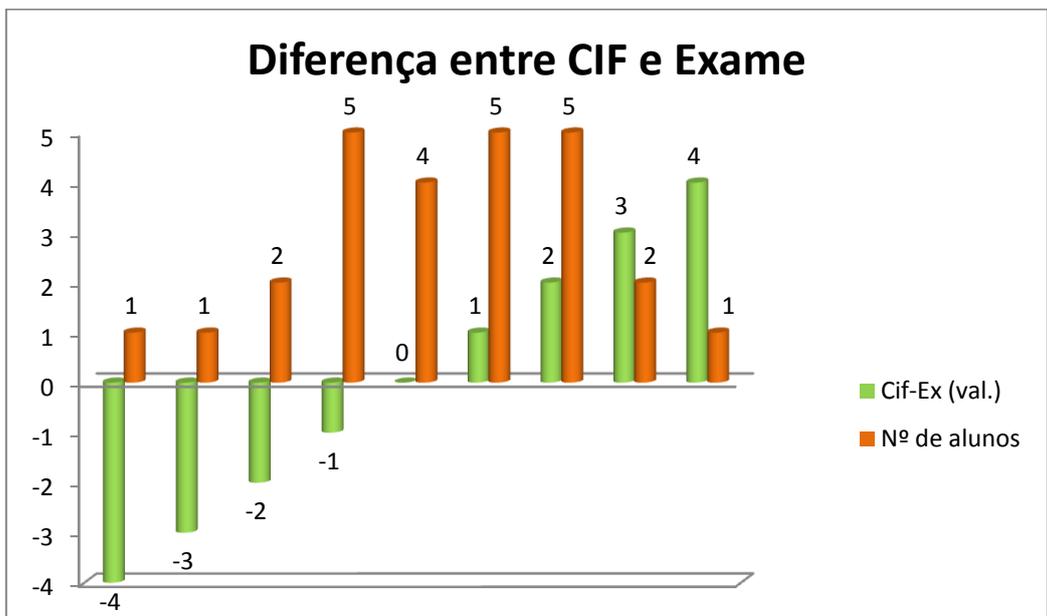
DGA

	CIF	Exame	CFD
Média	17,38	15,75	16,75
Desvio padrão	1,867	2,861	1,984
Coeficiente de correlação	0,649		



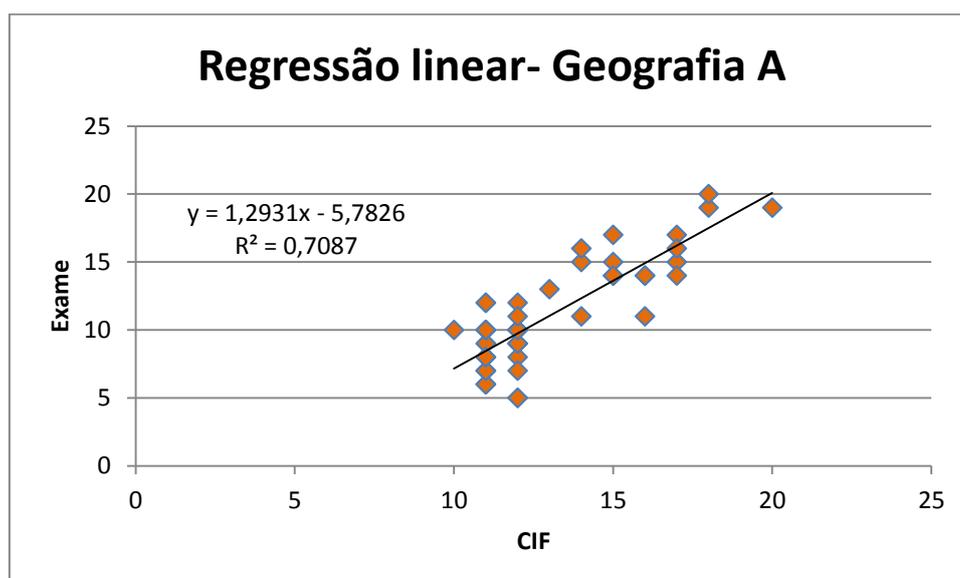
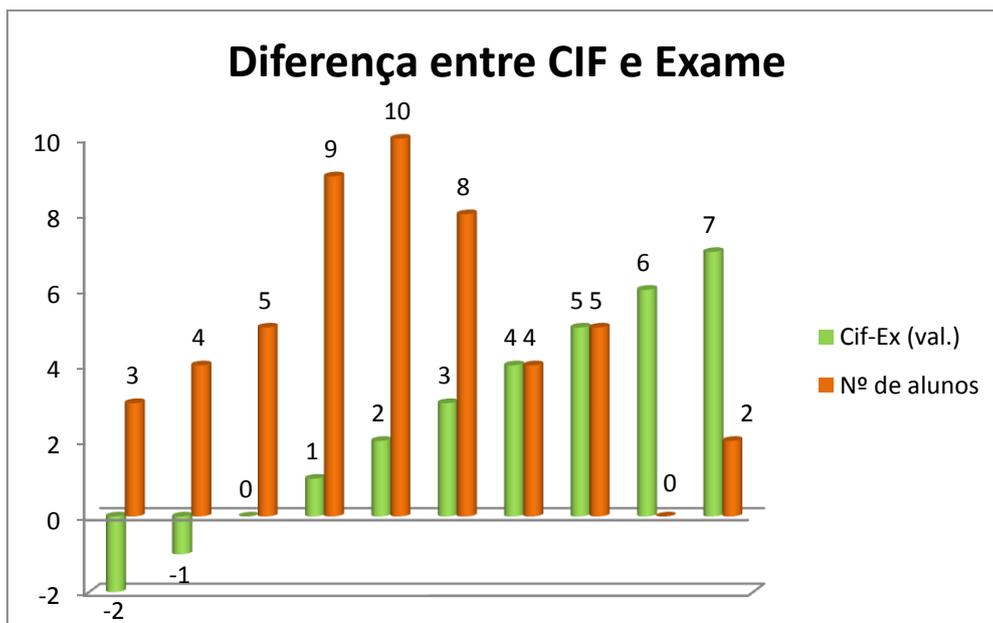
HISTÓRIA A

	CIF	Exame	CFD
Média	13,19	12,85	13,04
Desvio padrão	2,842	3,097	2,808
Coeficiente de Correlação	0,799		



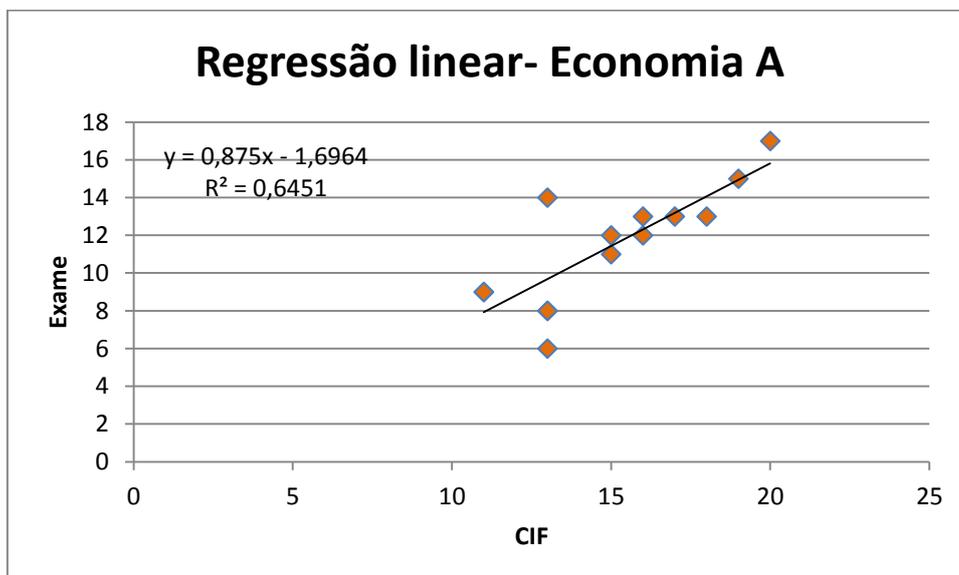
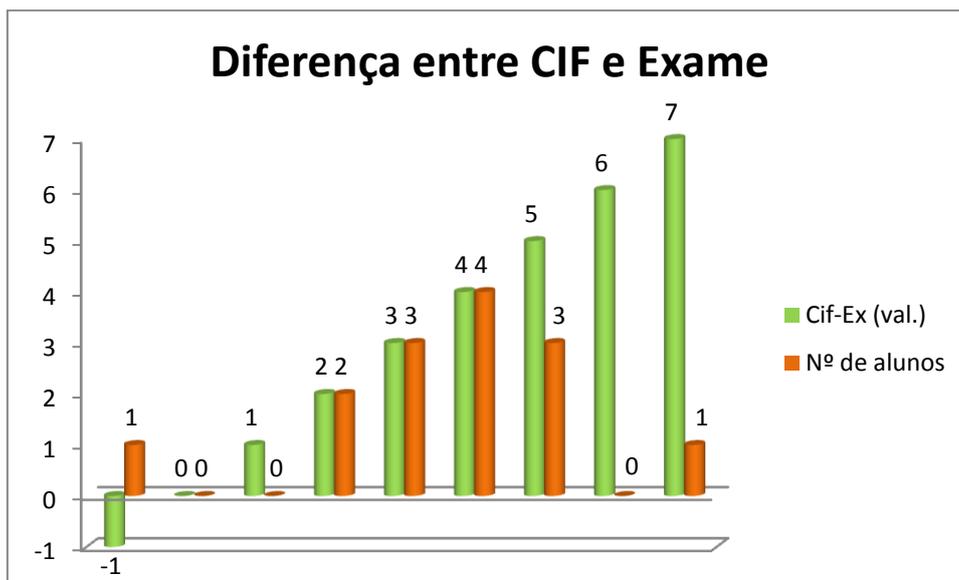
GEOGRAFIA A

	CIF	Exame	CFD
Média	13,04	11,08	12,48
Desvio padrão	2,449	3,762	2,744
Coeficiente de Correlação	0,842		



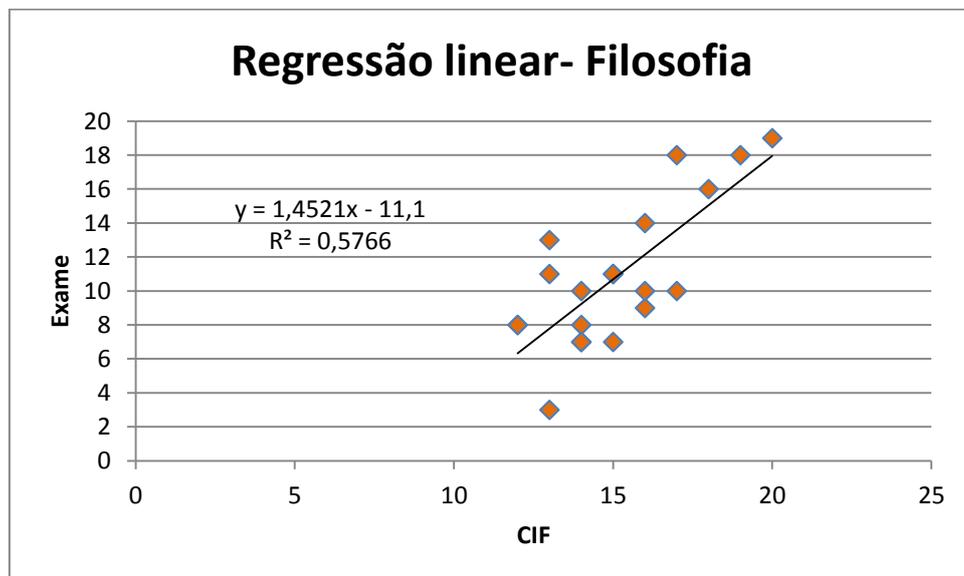
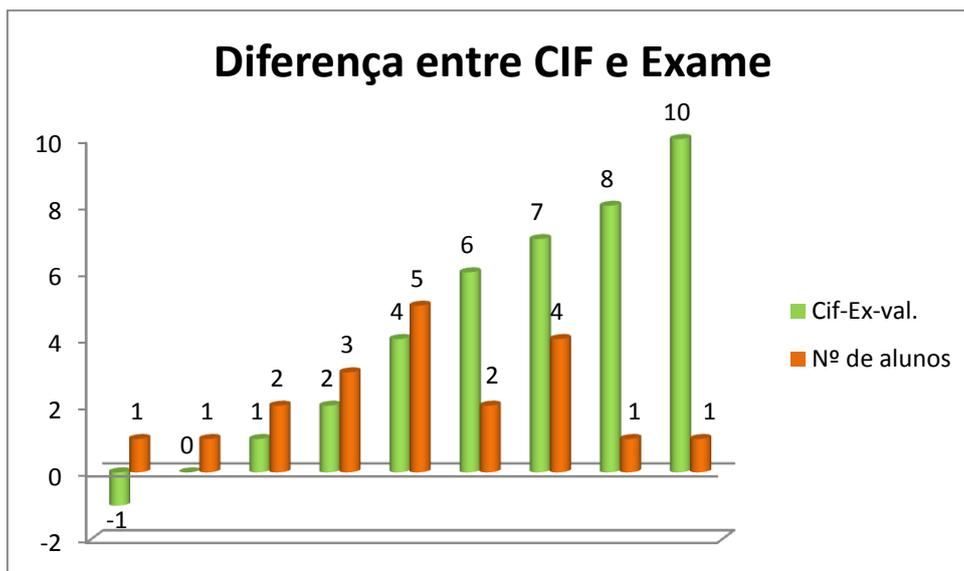
ECONOMIA A

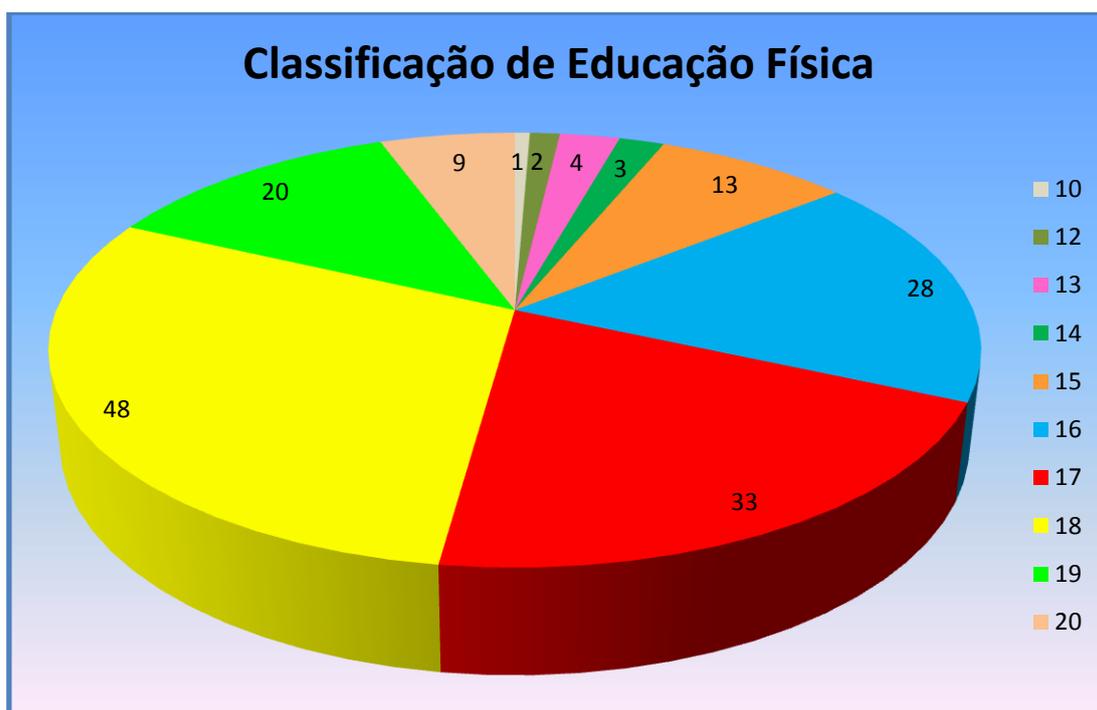
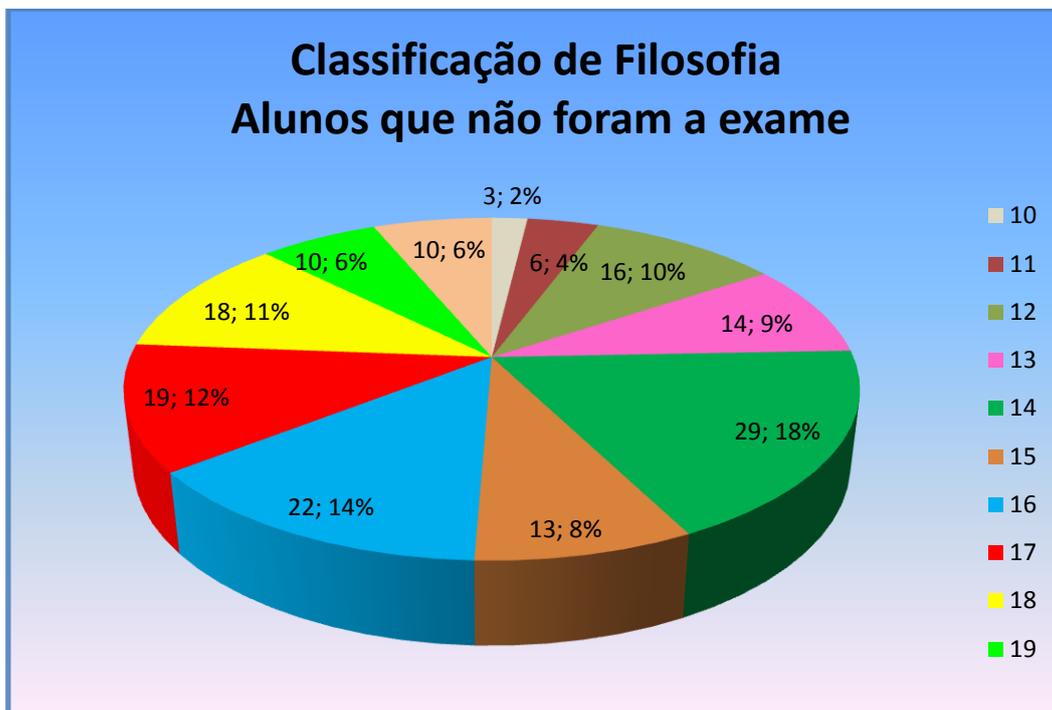
	CIF	Exame	CFD
Média	15	11,43	14
Desvio padrão	2,726	2,969	2,752
Coeficiente de correlação	0,803		

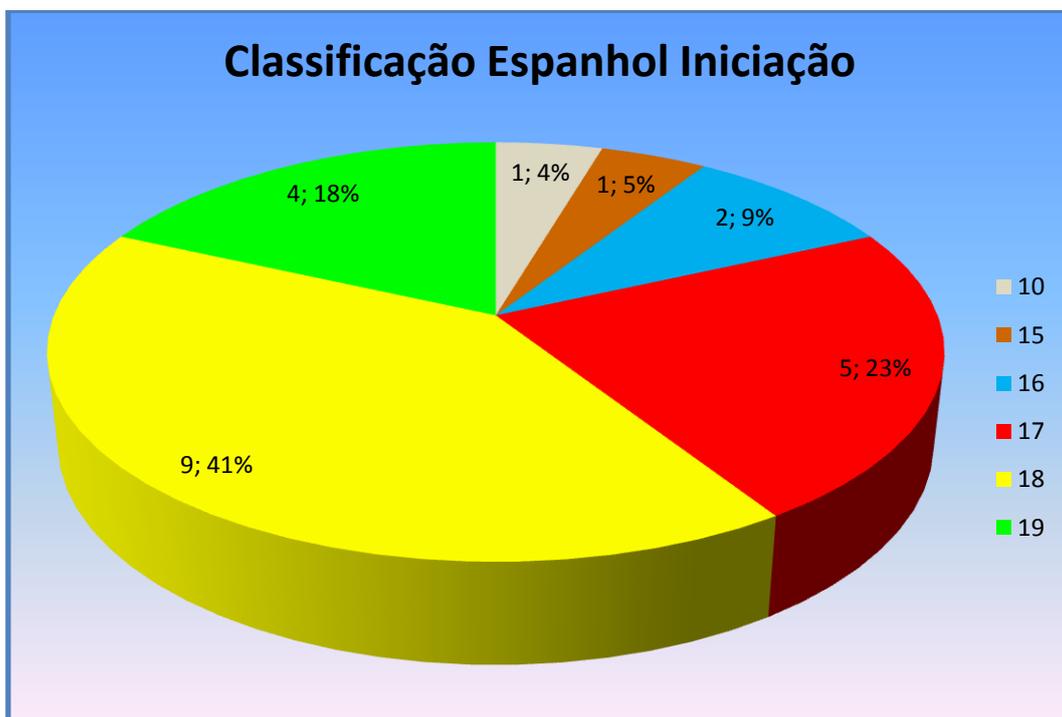
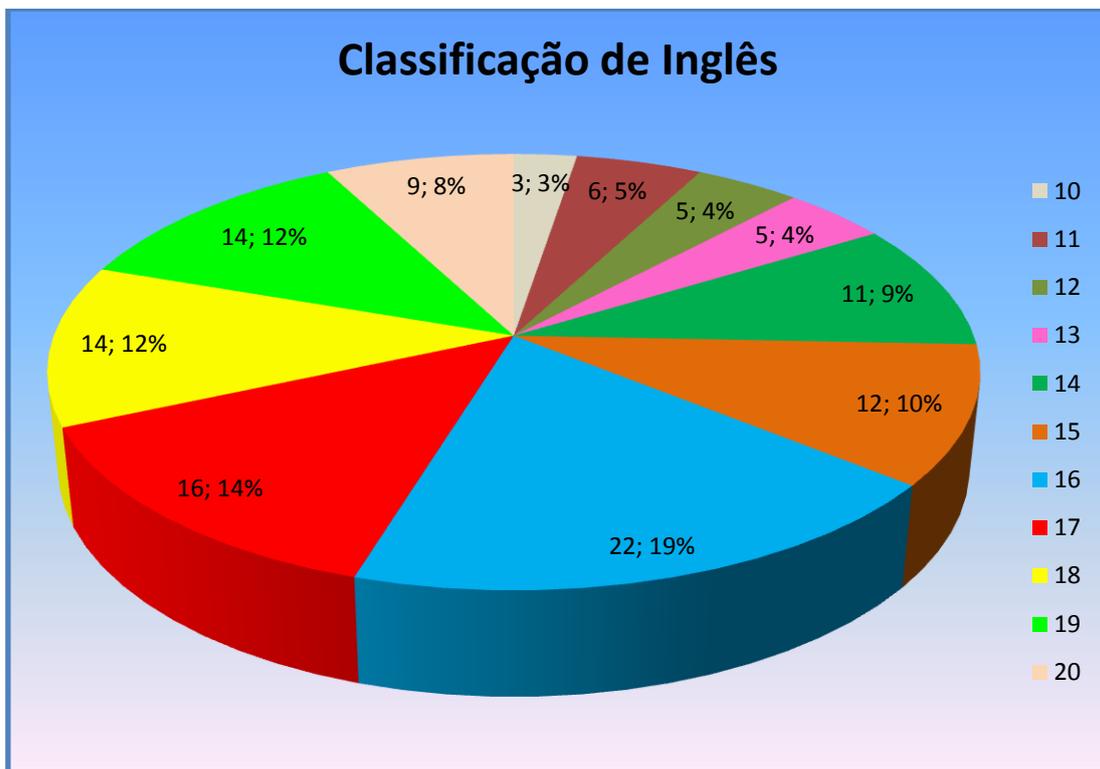


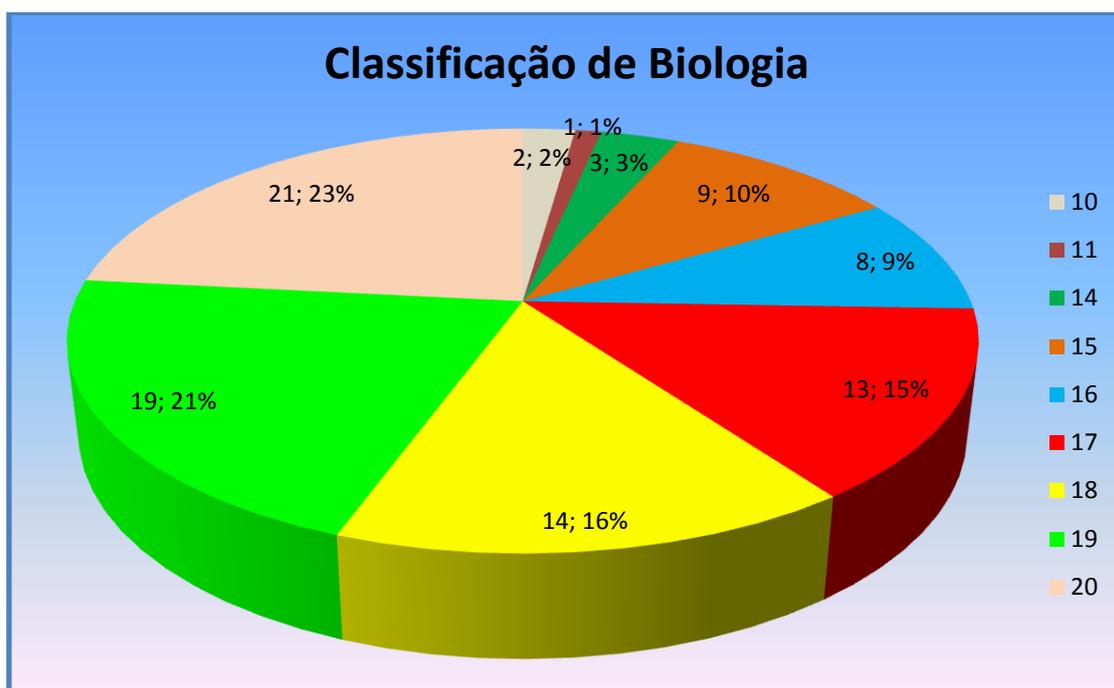
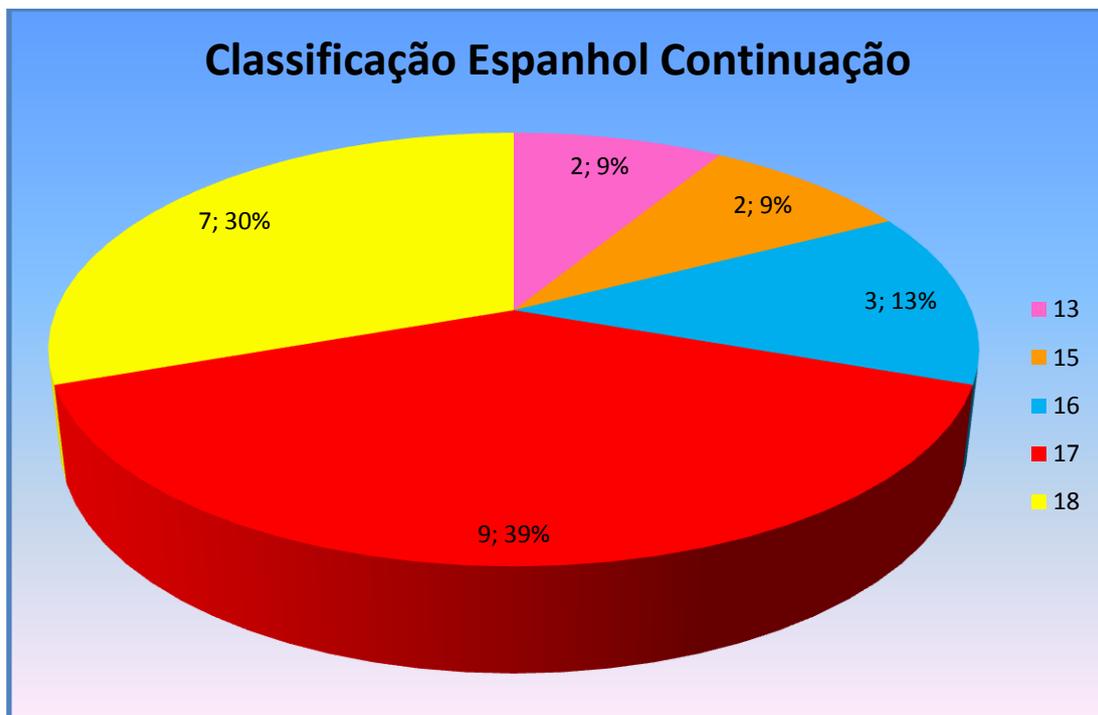
FILOSOFIA

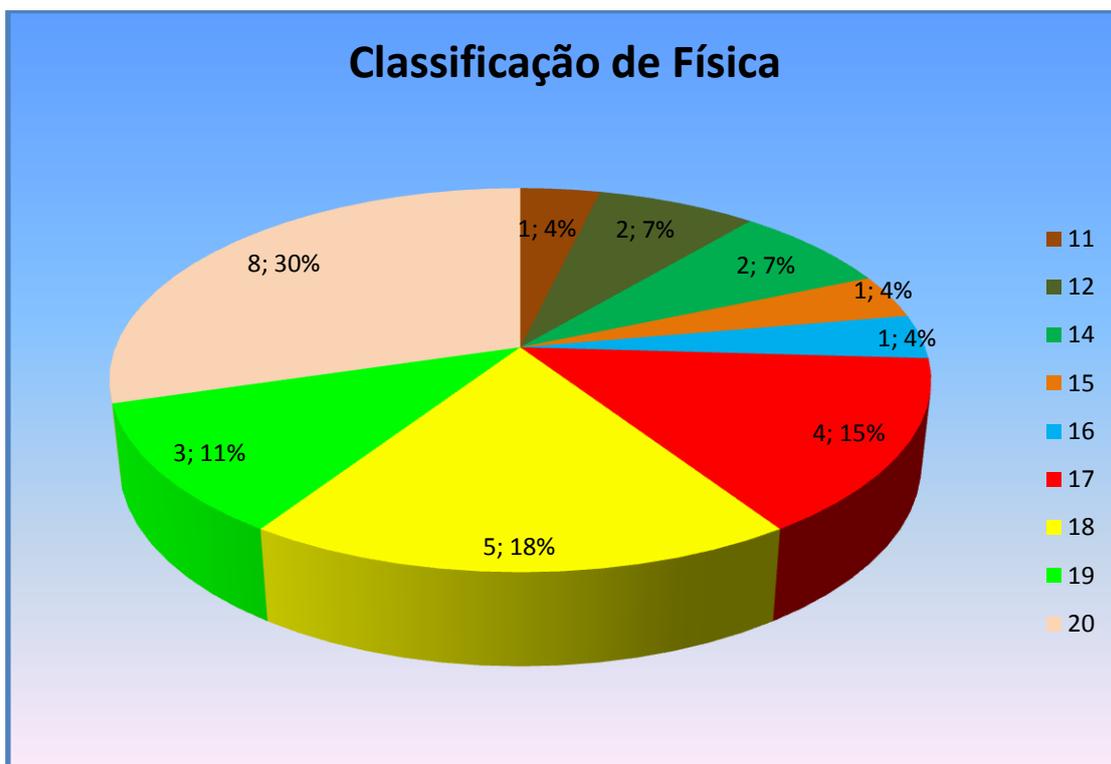
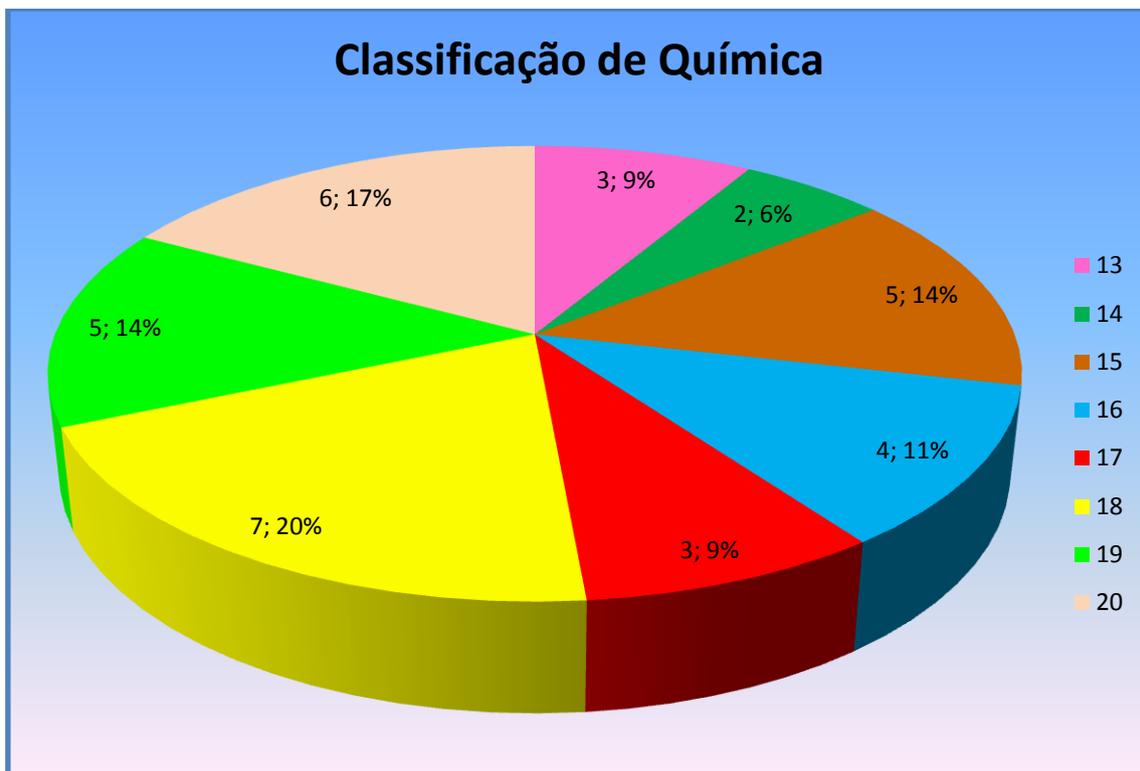
	CIF	Exame	CFD
Média	15,15	10,9	13,85
Desvio padrão	2,174	4,158	2,594
Coeficiente de correlação	0,759		

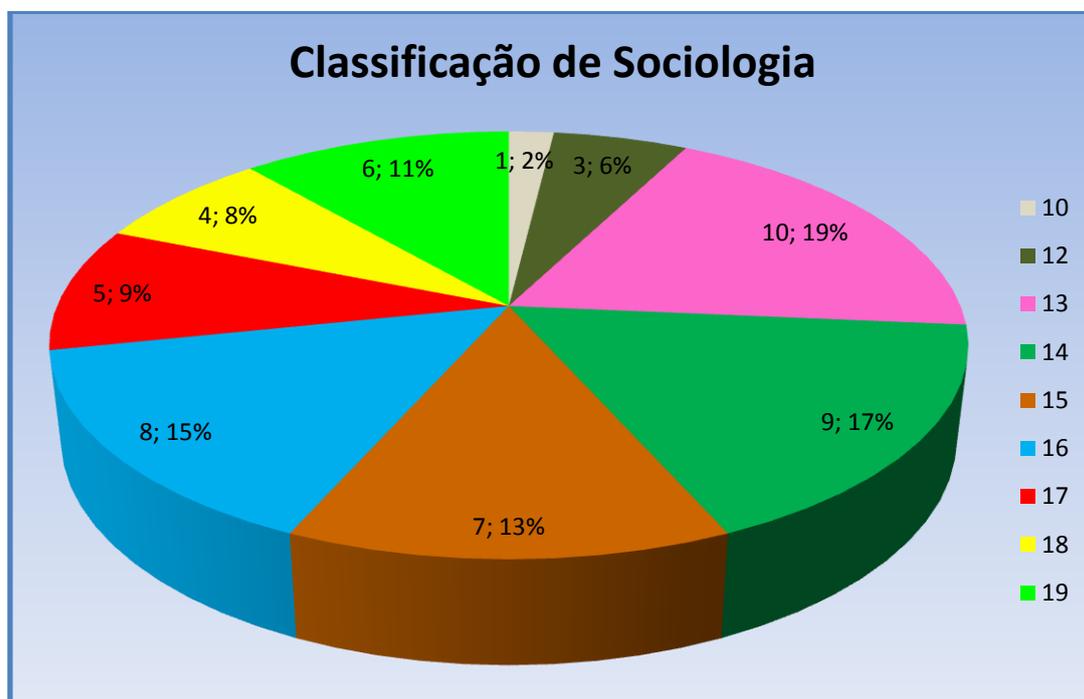
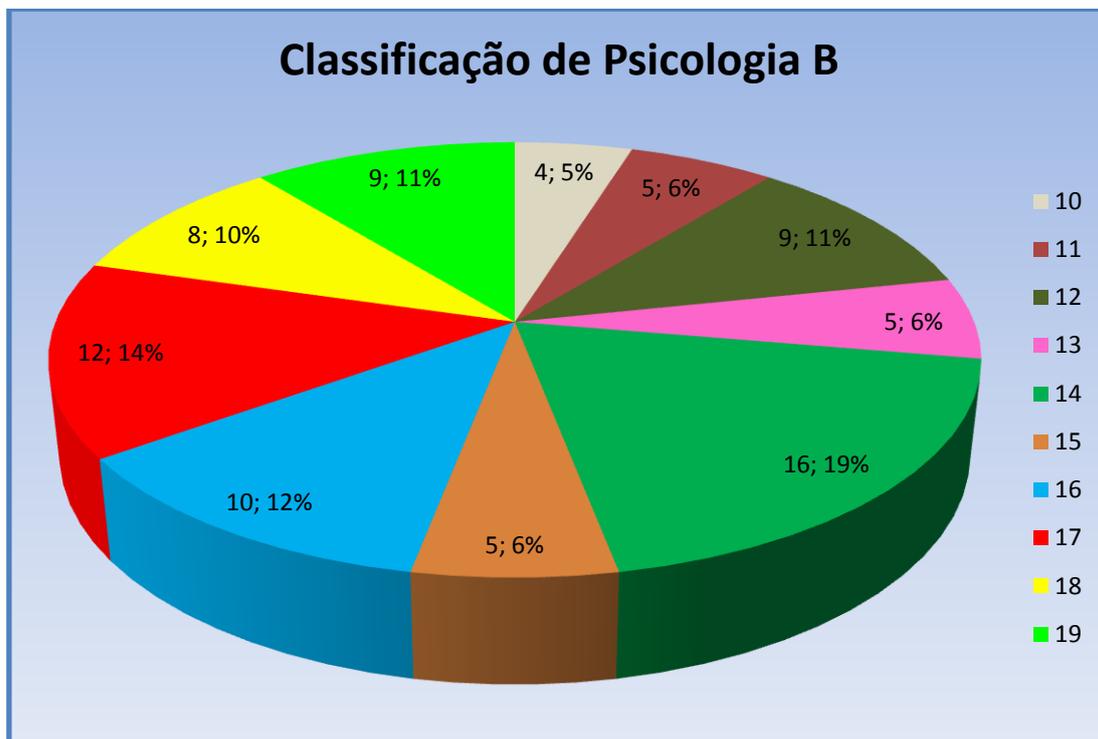


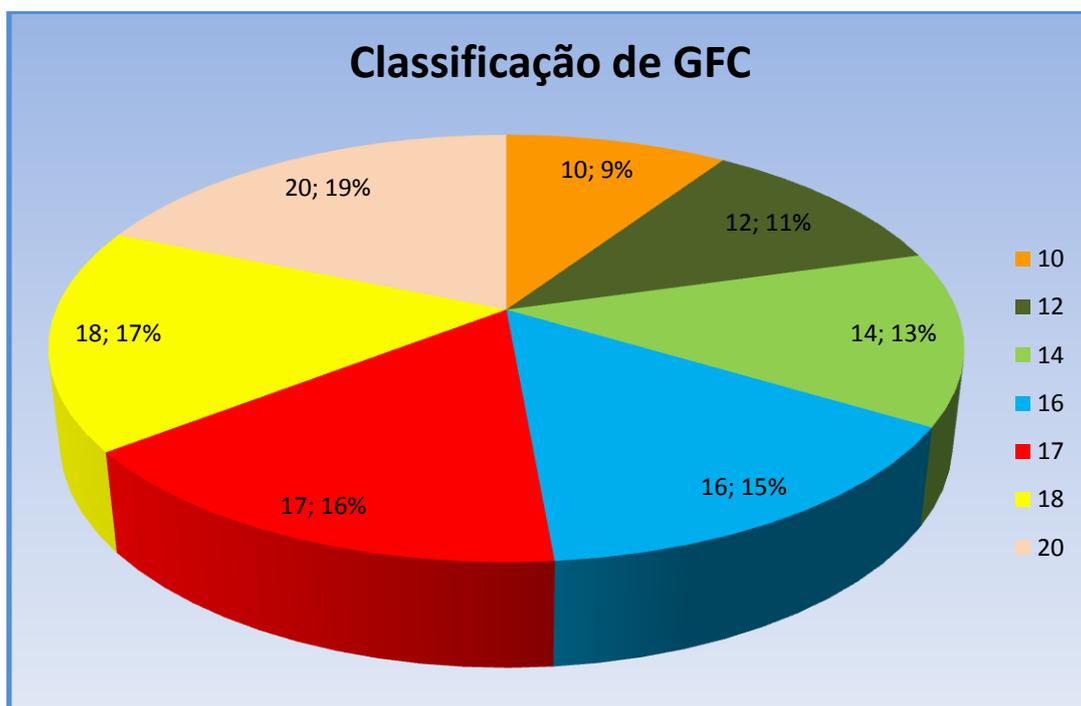
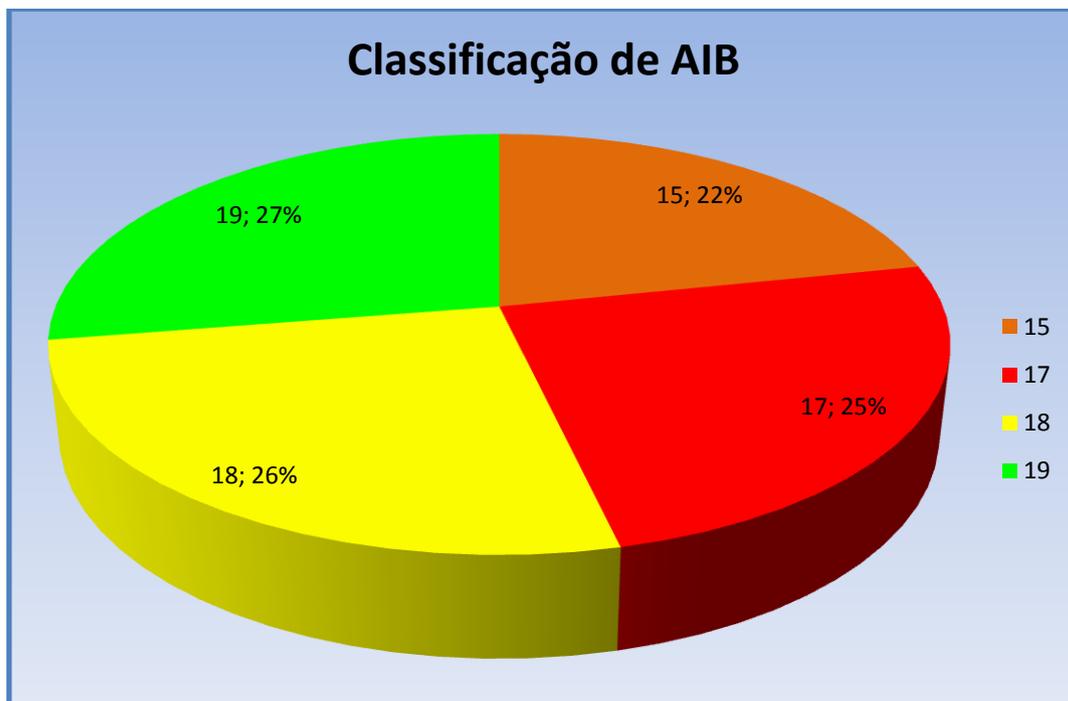




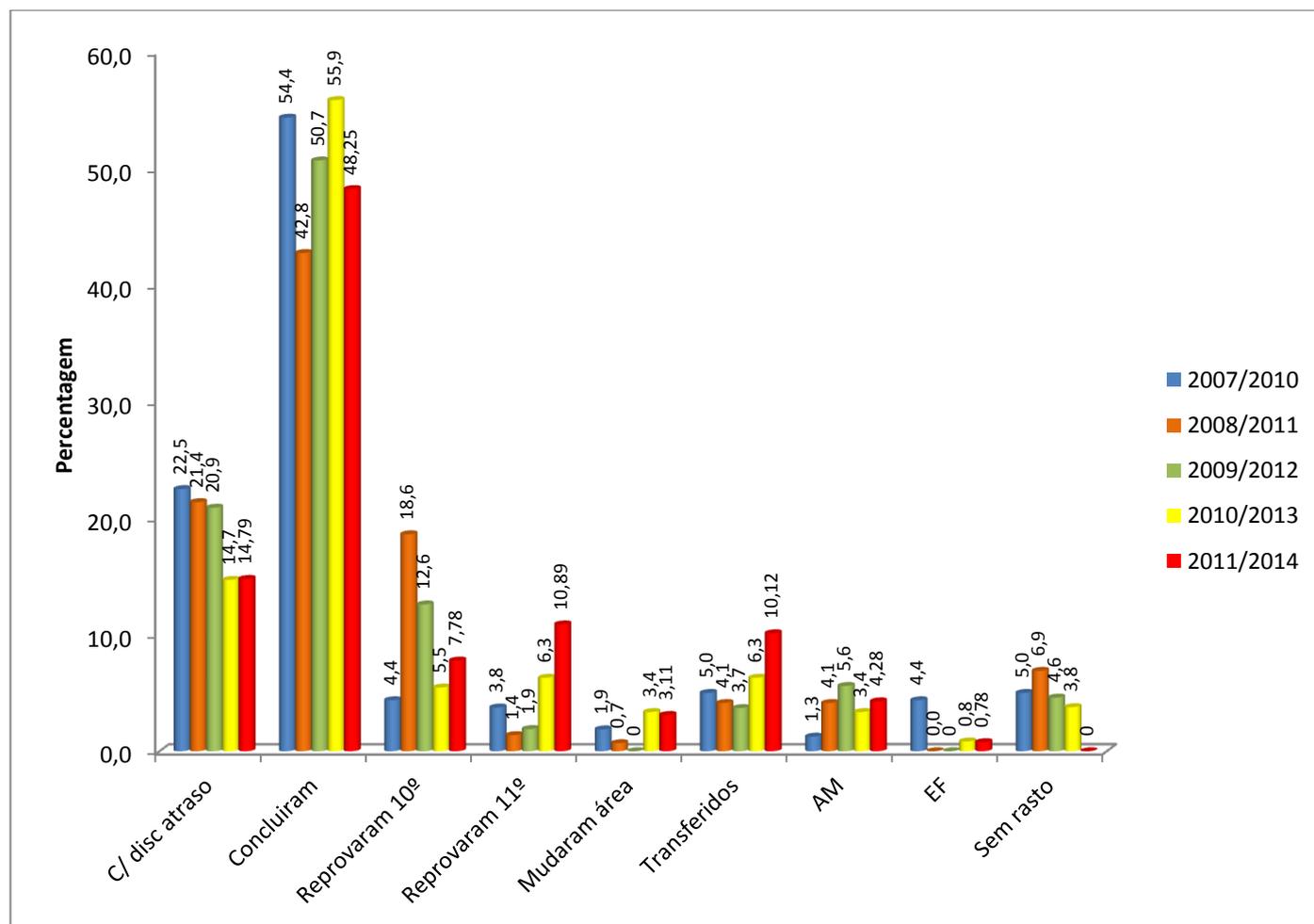


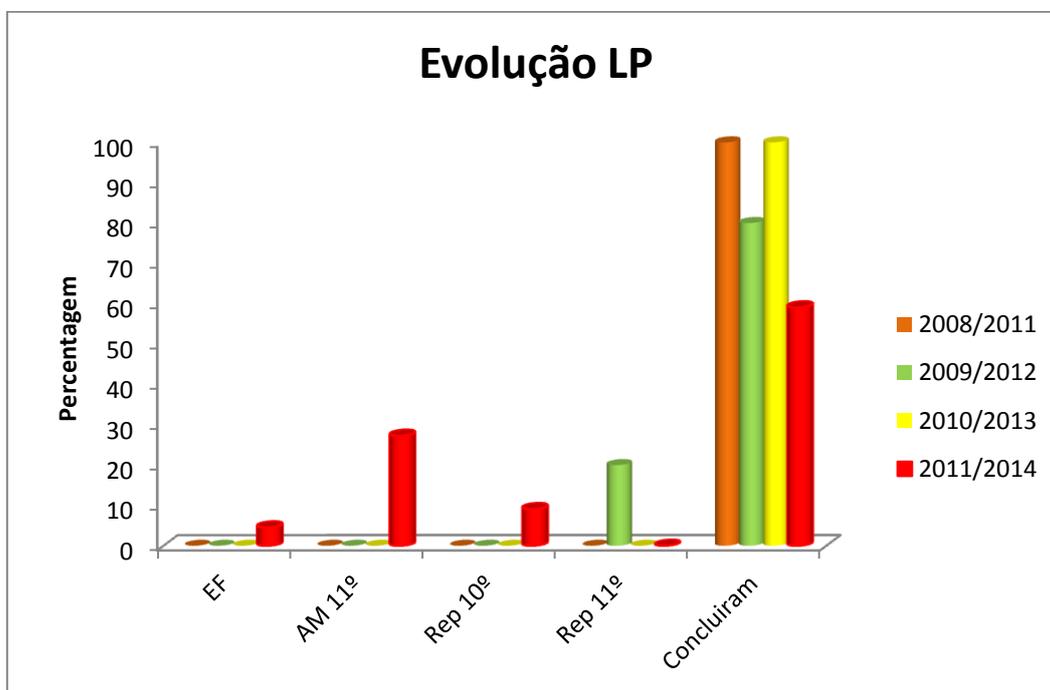
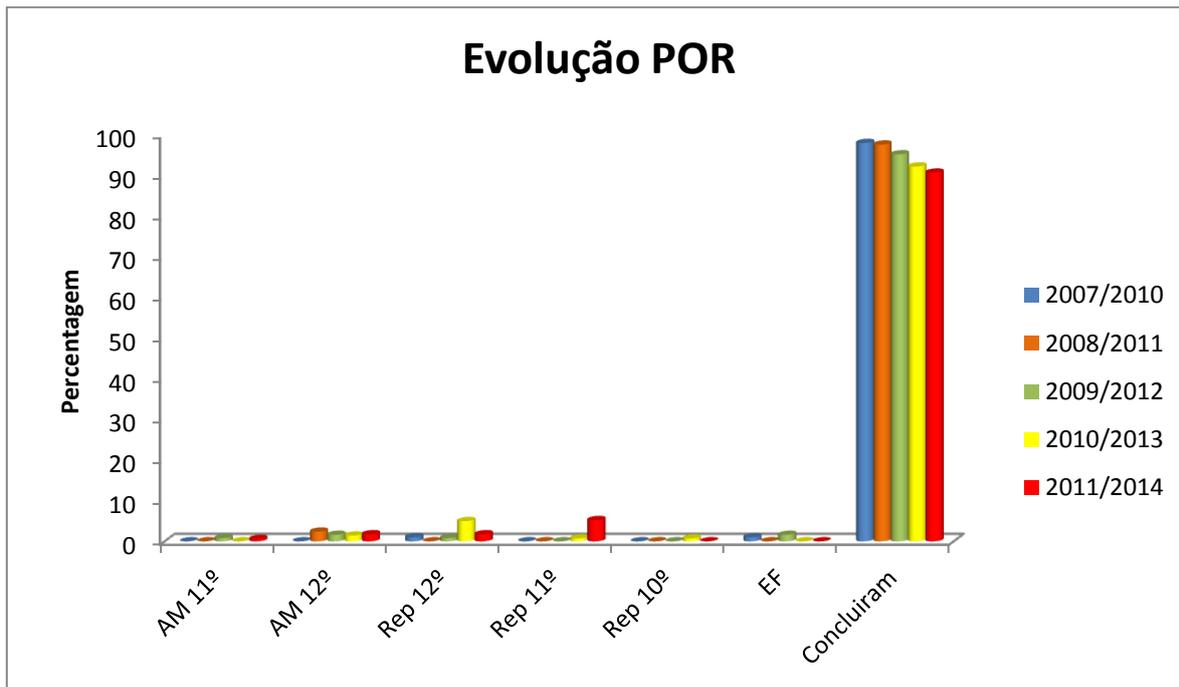


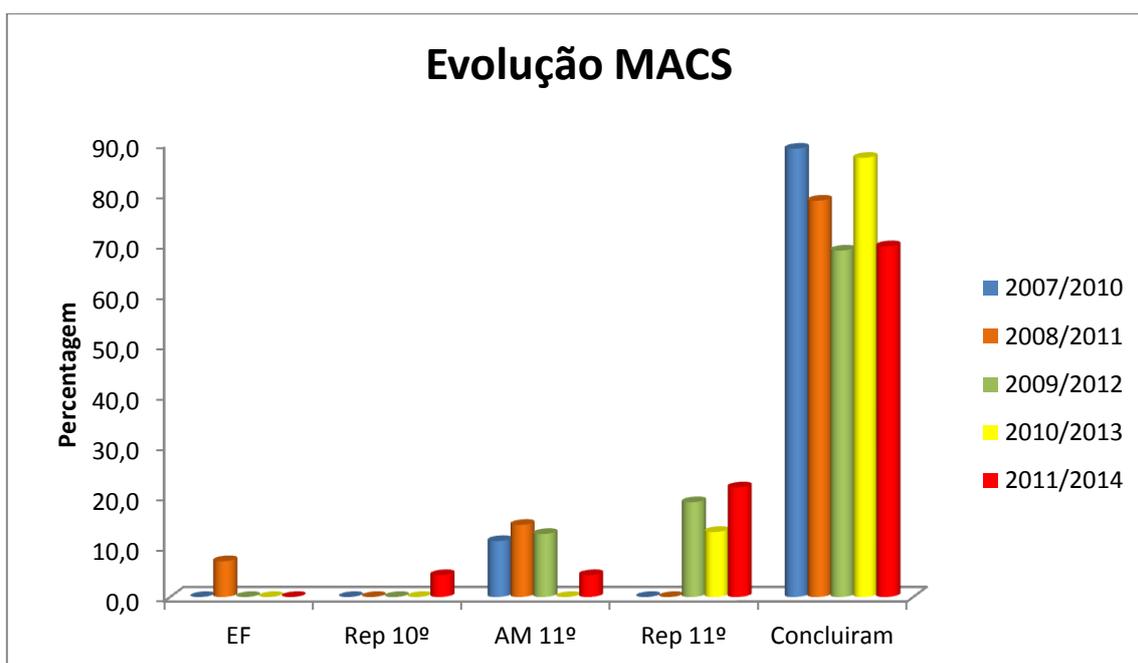
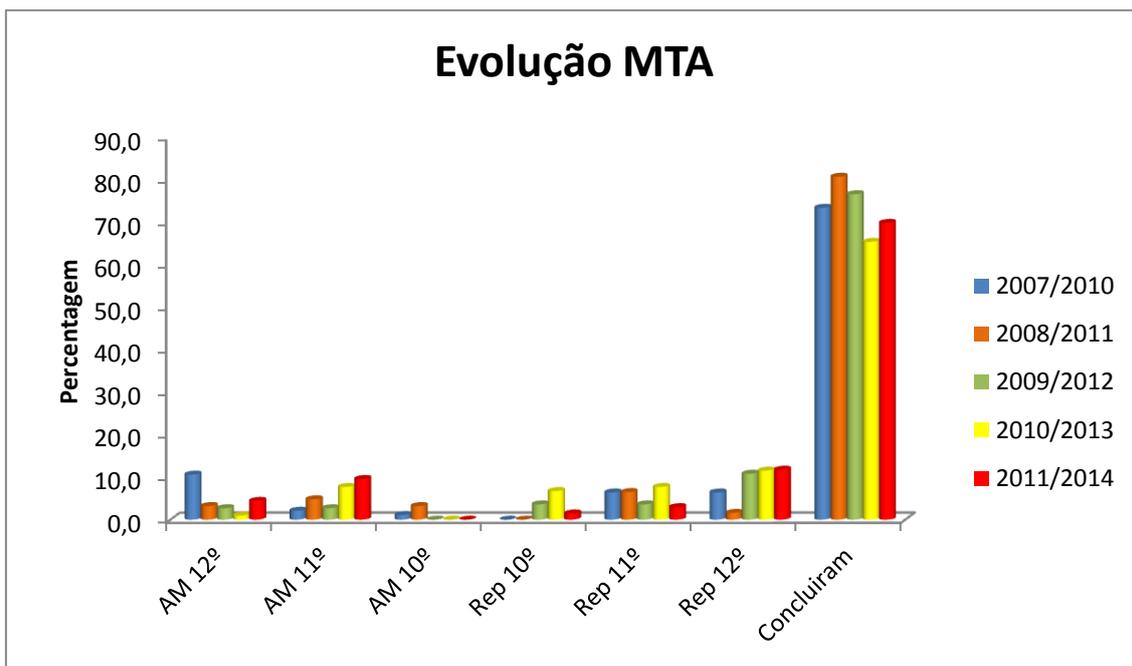


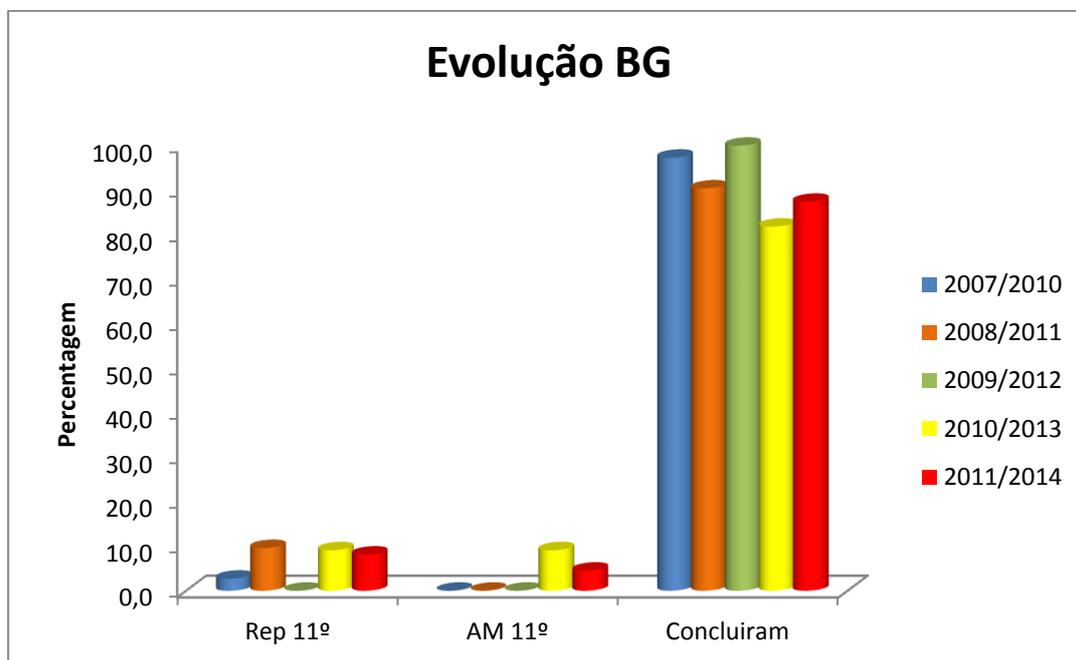
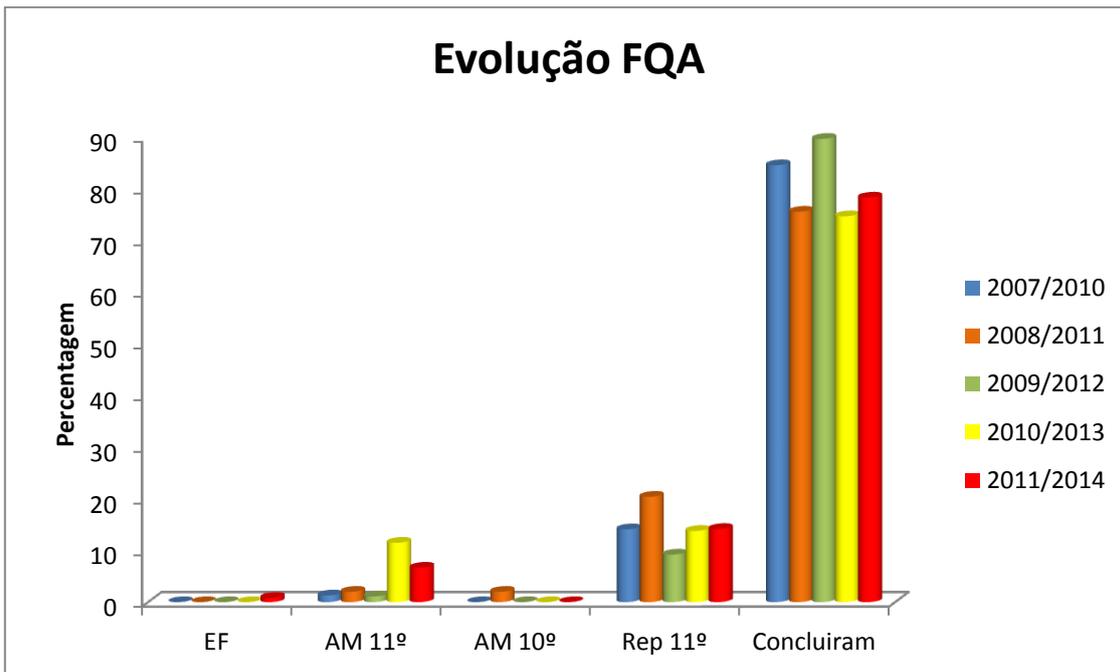


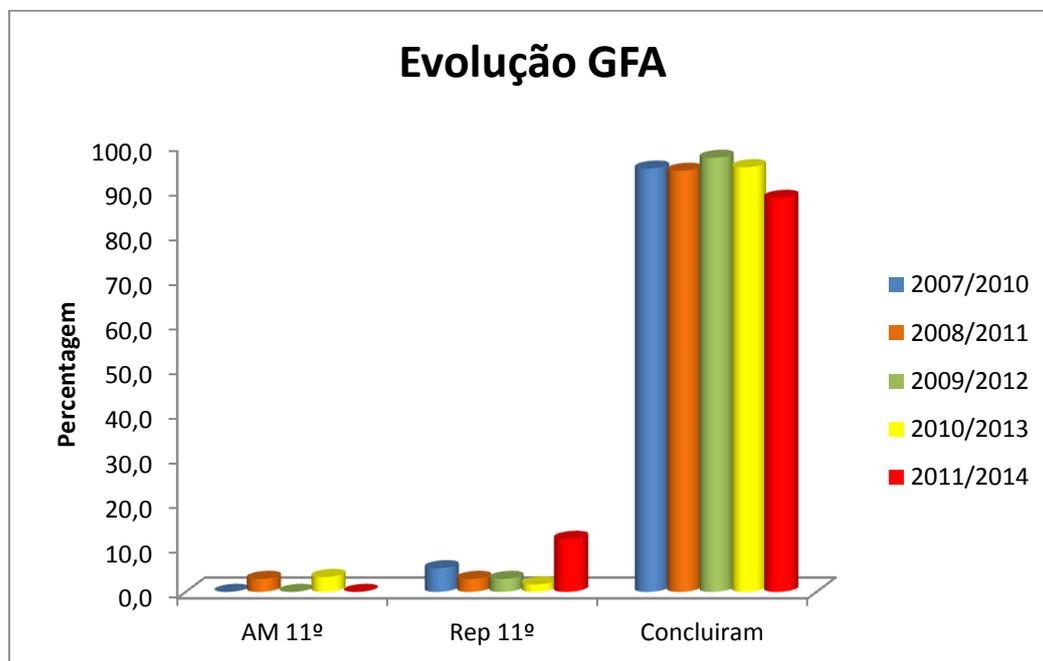
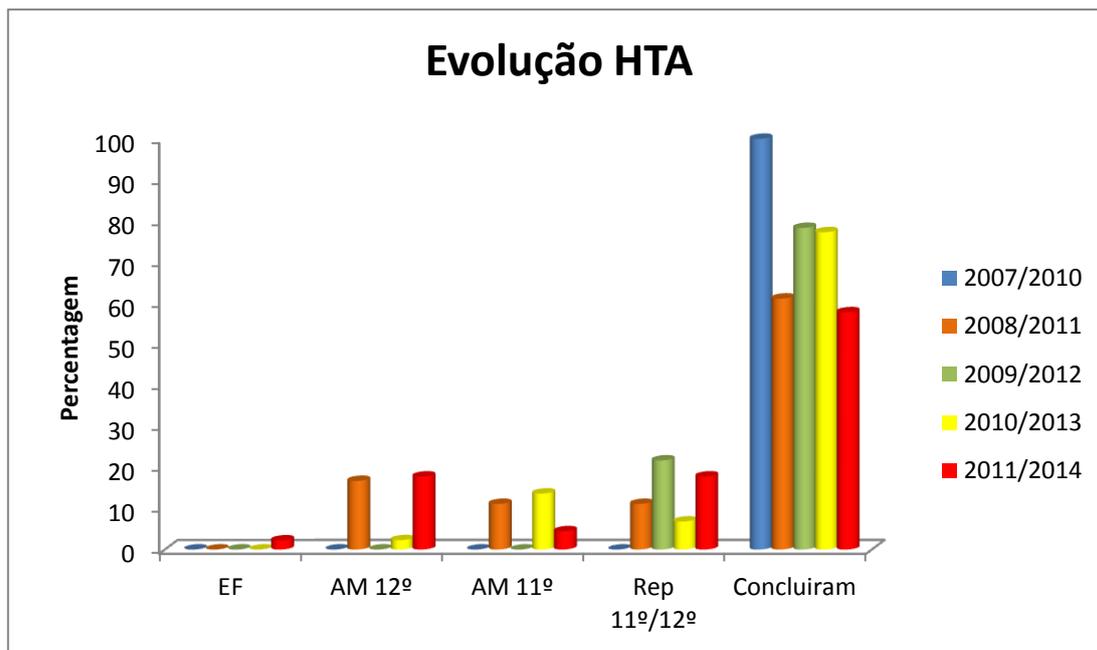
Evolução da situação escolar dos alunos nos últimos cinco triénios 2007/2010, 2008/2011, 2009/2012, 2010/2013 e 2011/2014

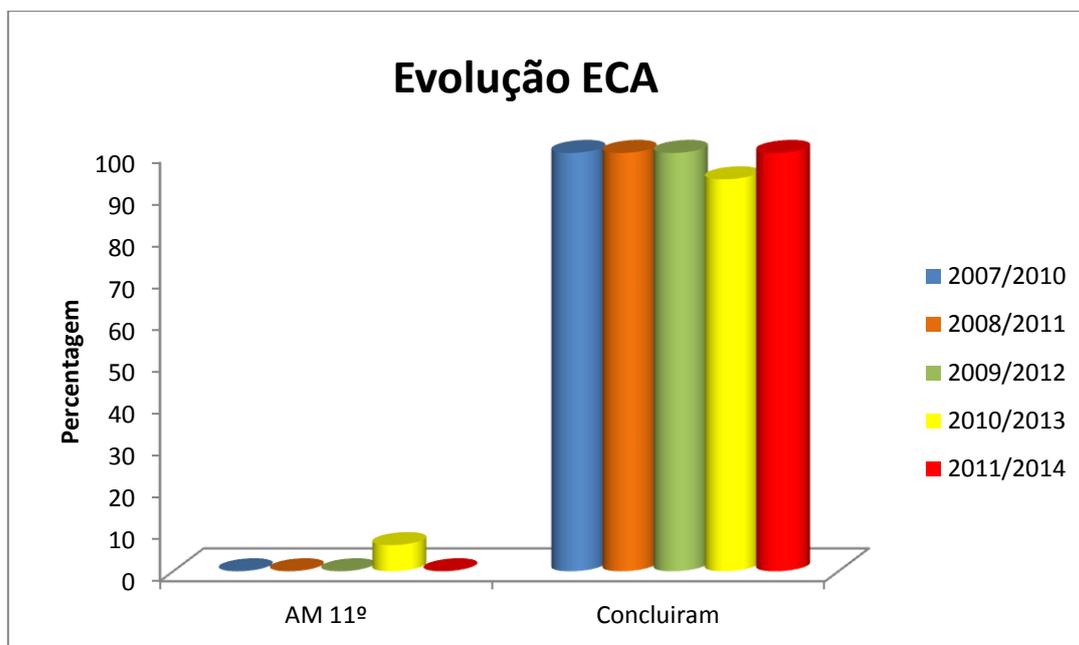












Disciplinas em atraso

Alunos que, tendo no triénio 2011/2014 chegado ao 12º ano, não concluíram o curso em virtude de terem deixado 1, 2 ou 3 disciplinas em atraso. Os gráficos que a seguir se apresentam estudam, em cada um dos cursos, o número de disciplinas em atraso e explicitam as disciplinas respetivas.

