# Relatório - Avaliação Diagnóstica

## Resultados.

Table 1: Aproveitamento das notas entre [0,1].

matricula	tipo	1	2	3	4	5	6	7	8	9	10	11	12	aproveitamento
221092620034	escrita	0.00	0.25	1.00	0.07	0.83	0.0	0.57	0.57	0.00	0.00	0.00	0.00	0.27
221092620023	escrita	1.00	0.33	1.00	1.00	0.83	1.0	1.00	0.83	0.33	0.42	0.00	0.42	0.68
221092620027	escrita	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
221092620025	escrita	0.50	0.00	0.00	0.00	0.00	0.0	0.17	0.00	0.00	0.00	0.00	0.00	0.06
221092620022	escrita	0.00	1.00	1.00	1.00	0.83	0.0	1.00	0.00	0.00	0.00	0.00	0.00	0.40
221092620035	escrita	0.00	0.00	1.00	0.08	0.00	0.0	0.47	0.00	0.00	0.00	0.07	0.00	0.13
221092620026	escrita	0.00	0.17	0.00	0.50	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.06
221092620037	escrita	0.00	0.00	0.00	1.00	0.83	0.0	0.57	0.00	0.00	0.00	0.00	0.00	0.20
221092620036	escrita	0.50	0.00	0.00	0.00	0.00	0.0	0.33	0.00	0.00	0.00	0.00	0.00	0.07
221092620033	escrita	0.00	0.37	1.00	0.00	0.83	0.0	0.73	0.00	0.00	0.00	0.00	0.00	0.24
211092620024	escrita	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
221092620018	escrita	1.00	1.00	1.00	0.50	0.92	0.0	0.73	1.00	0.00	0.00	0.00	0.17	0.53
221092620014	escrita	0.00	0.00	0.20	0.20	0.00	0.0	0.50	0.00	0.00	0.00	0.00	0.00	0.07
221092620007	escrita	0.20	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.02
221092620015	escrita	1.00	1.00	1.00	1.00	0.92	0.0	1.00	0.53	0.00	0.33	0.00	0.00	0.57
221092620016	escrita	1.00	1.00	1.00	1.00	0.92	1.0	1.00	0.00	1.00	1.00	0.00	1.00	0.83
221092620011	escrita	1.00	1.00	1.00	1.00	0.83	0.5	1.00	0.43	0.33	0.00	0.07	0.53	0.64
221092620017	escrita	1.00	1.00	0.92	1.00	0.75	0.0	0.83	0.00	0.17	0.17	0.00	0.00	0.49
221092620019	escrita	0.17	1.00	0.00	1.00	0.20	0.1	0.00	0.10	0.00	0.00	0.00	0.00	0.21
221092620005	escrita	0.00	1.00	1.00	0.50	0.20	0.0	1.00	1.00	0.00	0.00	0.00	0.00	0.39
221092620012	escrita	0.00	1.00	0.67	1.00	0.83	0.0	0.53	0.83	0.00	0.13	1.00	0.00	0.50
221092620006	escrita	0.00	0.00	0.68	0.10	0.83	0.0	0.68	0.00	0.00	0.00	0.00	0.00	0.19
221092620010	escrita	0.00	0.00	0.00	0.10	0.83	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.08
221092620001	escrita	0.00	0.00	0.00	0.50	0.00	0.0	0.17	0.00	0.00	0.00	0.00	0.00	0.06
221092620043	escrita	0.00	0.17	0.00	0.50	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.06

matricula	tipo	1	2	3	4	5	6	7	8	9	10	11	12	aproveitamento
221092620021	escrita	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
221092620032	escrita	0.00	0.00	0.00	0.50	0.83	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.11
221092620008	escrita	0.50	1.00	0.77	1.00	0.92	0.0	1.00	1.00	0.83	0.07	0.00	0.00	0.59
221092620003	escrita	0.00	0.50	1.00	1.00	0.83	0.0	0.83	0.83	0.00	0.00	0.00	0.00	0.42
221092620013	escrita	1.00	1.00	1.00	1.00	0.92	0.0	0.00	0.93	0.20	0.17	0.83	0.00	0.59
221092620040	escrita	0.00	0.50	1.00	1.00	0.83	0.0	0.93	0.00	0.00	0.00	0.00	0.00	0.36
221092620002	escrita	0.00	0.00	0.00	1.00	0.83	0.0	0.00	0.00	0.00	0.00	0.33	0.00	0.18

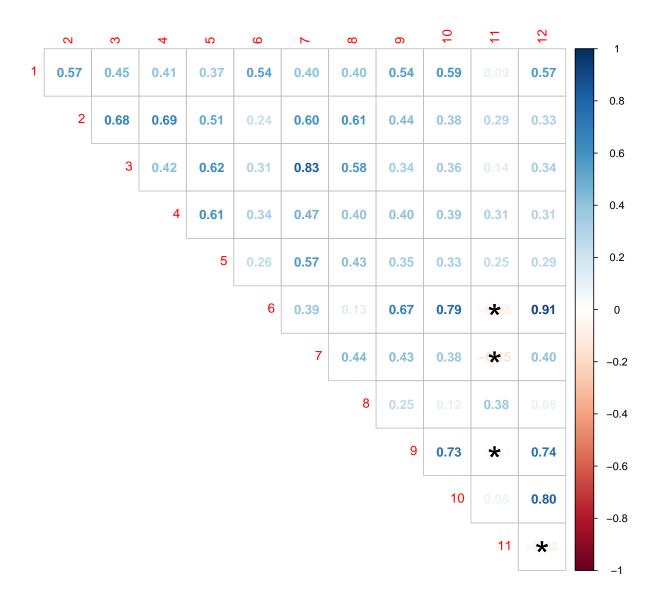
Table 2: Aproveitamento da turma por questão.

questao	media	desvp	coefv
1	0.2770833	0.4158540	1.5008266
2	0.4151042	0.4525784	1.0902768
3	0.5072917	0.4800675	0.9463343
4	0.5484375	0.4379686	0.7985752
5	0.5177083	0.4132860	0.7982989
6	0.0812500	0.2570772	3.1640276
7	0.4703125	0.4129129	0.8779543
8	0.2520833	0.3903805	1.5486170
9	0.0895833	0.2360726	2.6352294
10	0.0713542	0.1967129	2.7568520
11	0.0718750	0.2306465	3.2089947
12	0.0661458	0.2083595	3.1500025

Table 3: Aproveitamento da turma por critério de correção.

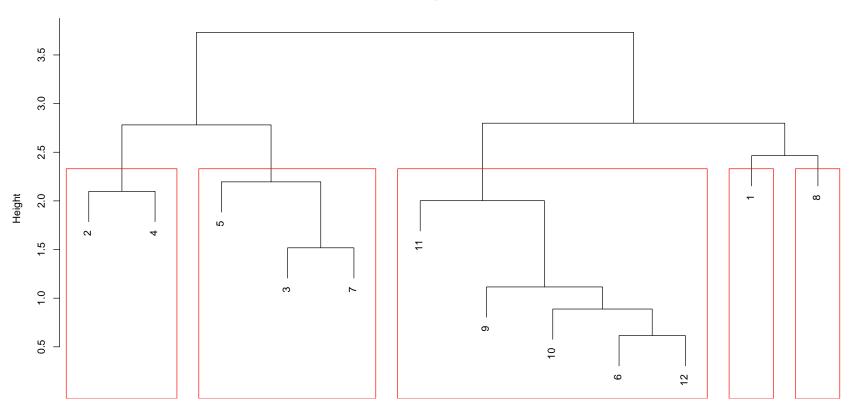
criterio	media	$\operatorname{desvp}$	coefv
criterio1	0.3368490	0.4499379	1.335726
criterio2	0.2449219	0.3900780	1.592663
criterio3	0.2602865	0.4183827	1.607393
$perc\_item$	0.2806858	0.4032481	1.436653

### Correlações



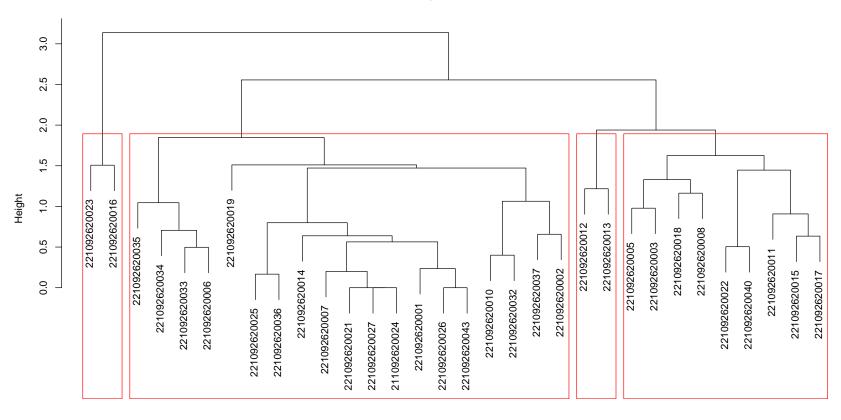
### Análise de cluster

#### Dendrograma: Alunos



dist(t(tmp2)) hclust (\*, "complete")

#### Dendrograma: Questões



dist(tmp2) hclust (\*, "complete")