

7 Comparative Analysis of the Territories Studied

7.1 Descriptive Analysis of the Territories

We are going to expose the characteristics of the different territories studied, although we must remark on the field work carried out by the Lisbon team, since, as we have mentioned in chapter six, we cannot speak today, in its strict sense, of a Portuguese aeronautical sector that fulfills the economic requirements to catalogue it as *cluster* or *industrial district*. These requirements are space agglomeration and, in addition, the need of this agglomeration to be configured as a set of firms specialized in an specific industrial sector (see third chapter).

For the rest of the territories studied, the statistical tables expressing its respective characteristics may be perfectly accepted as representations of the studied *clusters*. We must also mention that tables are displayed grouped in two (French and Spanish) to have a clearer and more intuitive vision about the average value of each of the variables in each of the territories and countries.

The variables chosen provide the most explicit information over each of the respective territories. They refer to the volume of sales and the number of qualified employees in each firm, together with other variables related to research effort carried out by each firm, the number of employees that participate in R&D or the number of patents achieved (tables n° 7.1., 7.2. and 7.3.).

The tables exposed reflect the situation in which each of the studied aeronautical fields are. Thus, if we compared Toulouse and Bordeaux (table 7.2.), the average values show a clear advantage of Toulouse over Bordeaux in sales and employees, whereas in those values referring to managers, advanced, qualified or administrative technicians, as well as full time employees in R&D or number of patents achieved, Bordeaux maintains a clearly advantage over Toulouse. What interpretation should be given to these values for both French *clusters*?

Table 7.1. Madrid and Seville

Descriptive Statistics	Madrid			Seville		
	N	Mean	Std. Deviation	N	Mean	Std. Deviation
Volume of 2002 sales	26,00	16,7 (M)	45,6 (M)	26,00	3,1 (M)	4,7 (M)
Total firm employees/2002	26,00	131,31	359,25	29,00	88,45	132,57
Total managers/2002	26,00	5,92	15,28	27,00	2,26	1,32
Total advanced technicians/2002	26,00	14,92	22,79	27,00	5,89	16,95
Total qualified technicians or Assimilates/2002	26,00	14,92	22,56	27,00	10,00	16,40
Total Administrative employees/2002	26,00	9,50	17,02	27,00	6,44	14,31
Total Skilled workers/2002	26,00	28,19	27,43	27,00	43,85	83,49
Total Unskilled workers/2002	26,00	41,50	201,27	27,00	15,33	30,78
% invested in R&D of the firm/total costs	26,00	9,00	7,76	16,00	0,00	0,00
Full time employees in R&D	26,00	18,77	61,69	20,00	1,60	4,04
How many patents has your firm developed in the last 5 years?	26,00	0,88	2,47	29,00	0,03	0,19