

***Seventh Meeting of the Washington Group on  
Disability Statistics***

***Session 6: Country Experiences***

***Dublin, Ireland  
September 19-21, 2007***

***Three Country Pilot Study in Brazil, Argentina and  
Paraguay***

***Alicia Bercovich  
Population Census Committee, IBGE  
Brazil***

*September 20, 2007*

# ***Common Census for Mercosul, Bolivia and Chile***

## ***First Joint Pilot Test on Disability***

- *Instituto Brasileiro de Geografia e Estatística IBGE, Brazil*
- *Instituto Nacional de Estadística y Censos - INDEC, Argentina*
- *Dirección General de Estadística, Encuestas y Censos - DGEEC, Paraguay*

Carried out in **November 2006** in the cities of Foz do Iguazu, *Puerto Iguazú* and *Ciudad del Este*, respectively.

***Common Census for Mercosul, Bolivia and Chile  
(cont.)  
First Joint Pilot Test on Disability***

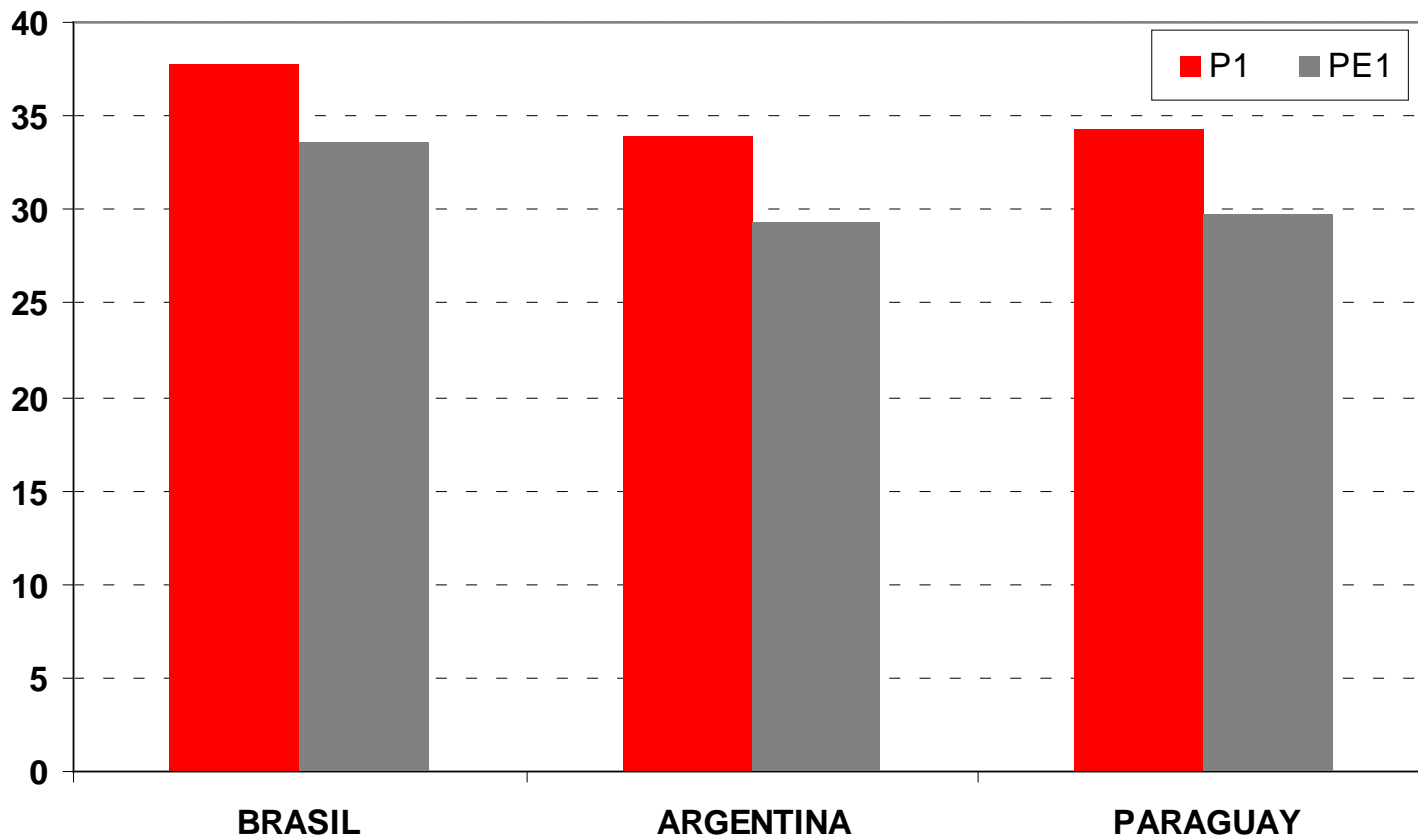
- The pilot test was planned based on the joint analysis of results from cognitive tests performed by the three countries during the first semester of 2006
- All South American Countries and México were **non-participant observers** of the test in the three sites (13 countries)
- Evaluation Workshop after observation (40 participants)
- 4039, 1903 and 2009 interviews in Brazil, Argentina and Paraguay respectively

**TABLE 1**  
**NUMBER OF QUESTIONS OF THE JOINT PILOT TEST BY COUNTRY AND TOPIC**  
**BRASIL - ARGENTINA - PARAGUAY**

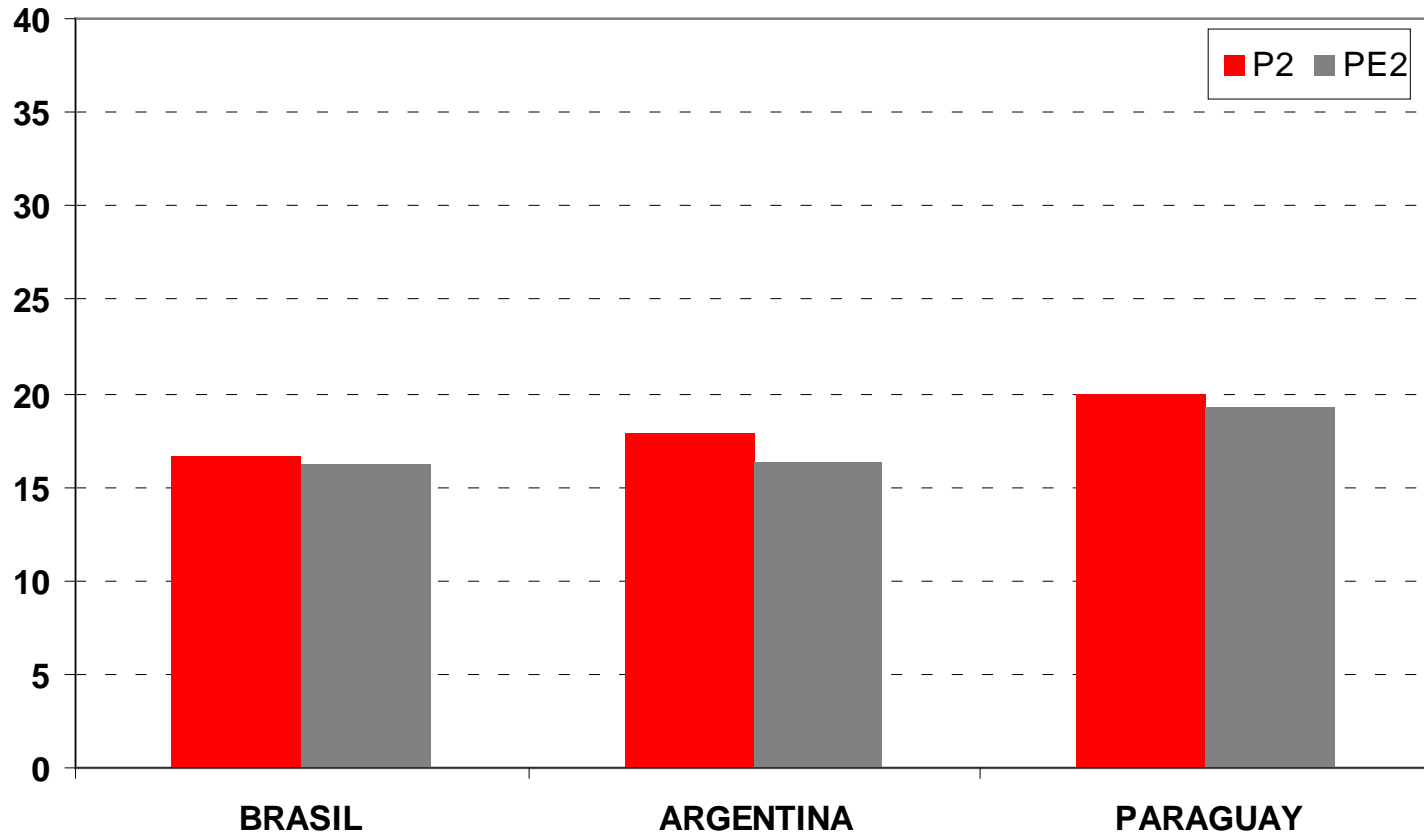
TOPIC	COUNTRY		
	BRASIL	ARGENTINA	PARAGUAY
<b>NUMBER OF QUESTIONS</b>	<b>58</b>	<b>54</b>	<b>51</b>
<b>DISABILITY</b>	<b>33</b>	<b>15</b>	<b>19</b>
CORE	6	6	6
EXTENDED	22	9	13
IBGE QUESTIONS	5	-	-
<b>HOUSING</b>	<b>6</b>	<b>14</b>	<b>17</b>
<b>DEMOGRAPHIC CHARACTERISTIC</b>	<b>19</b>	<b>25</b>	<b>15</b>

Source: I Prova Piloto Conjunta sobre Pessoas com Deficiência, 2006.

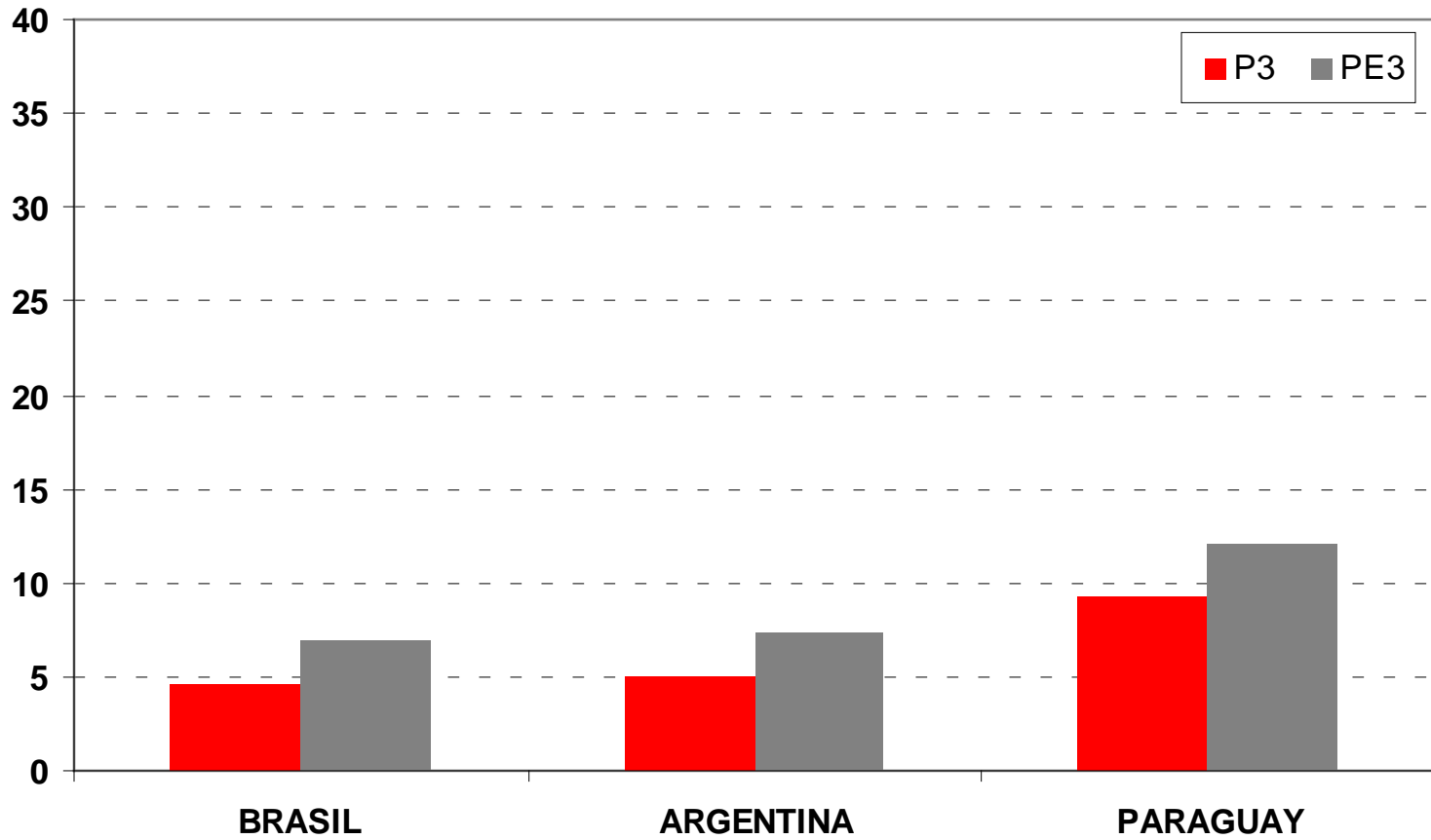
**DISABILITY PREVALENCE  
BRASIL- ARGENTINA - PARAGUAY  
P1 X PE1**



**DISABILITY PREVALENCE  
BRASIL- ARGENTINA - PARAGUAY  
P2 X PE2**

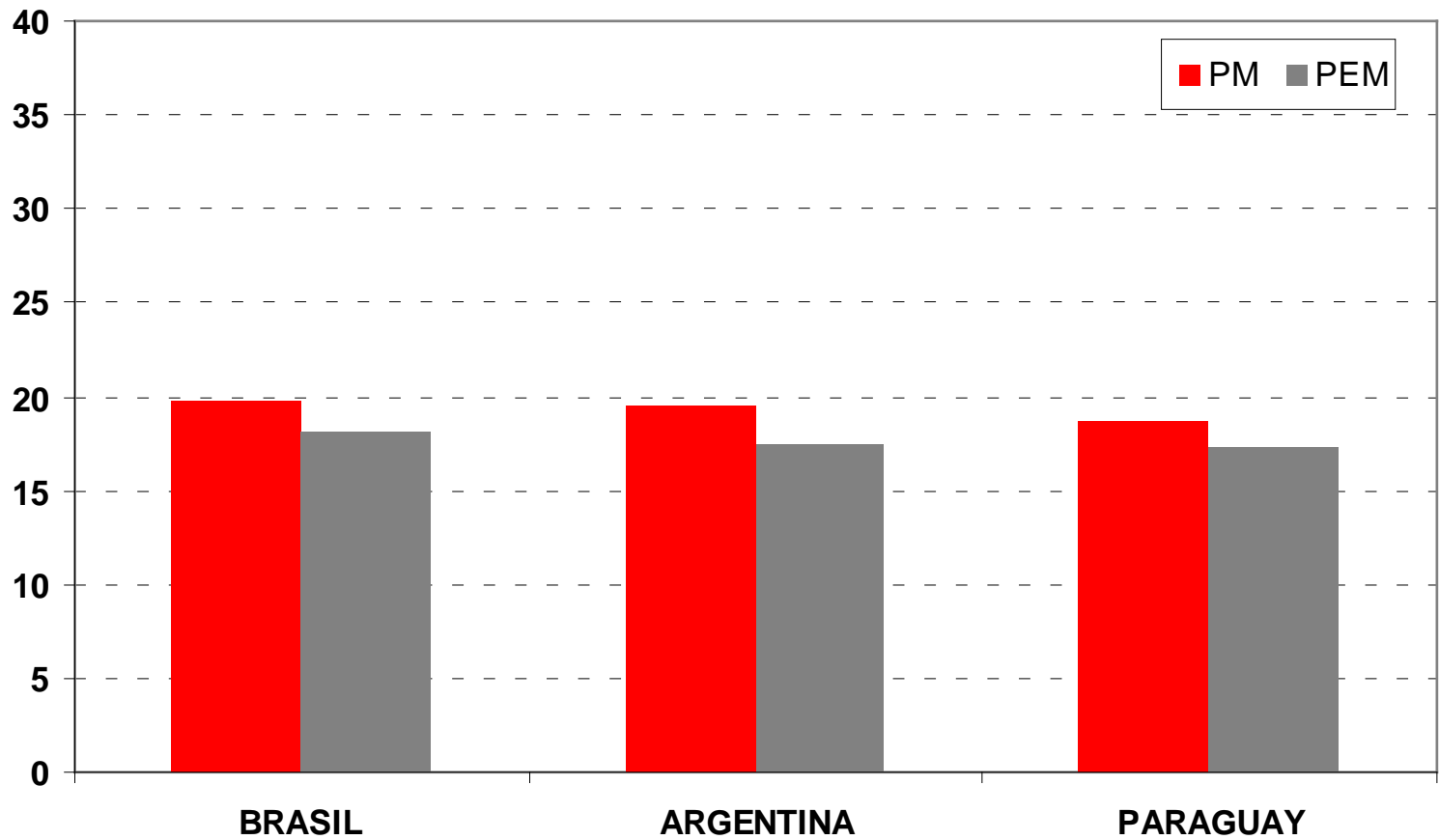


**DISABILITY PREVALENCE  
BRASIL- ARGENTINA - PARAGUAY  
P3 X PE3**

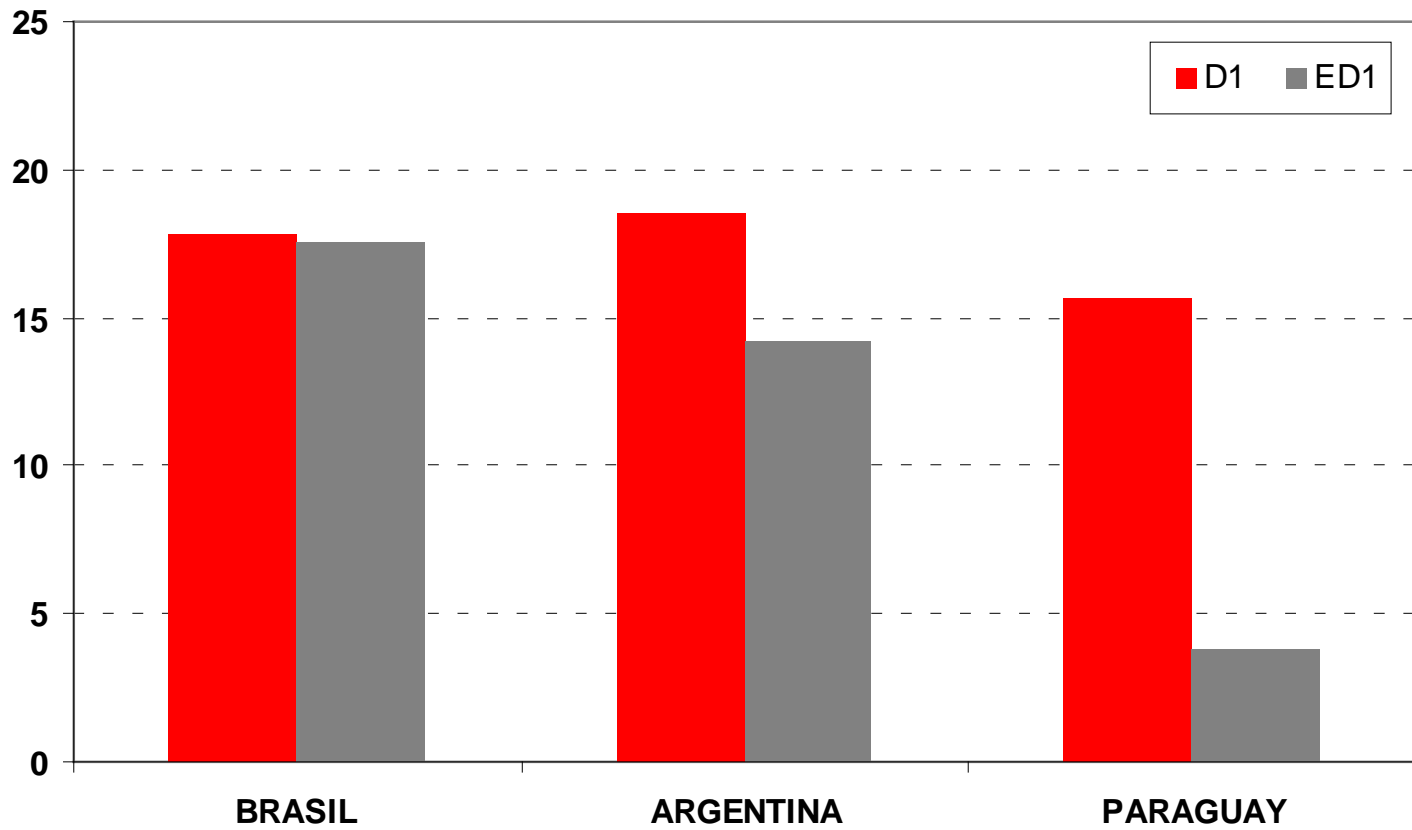




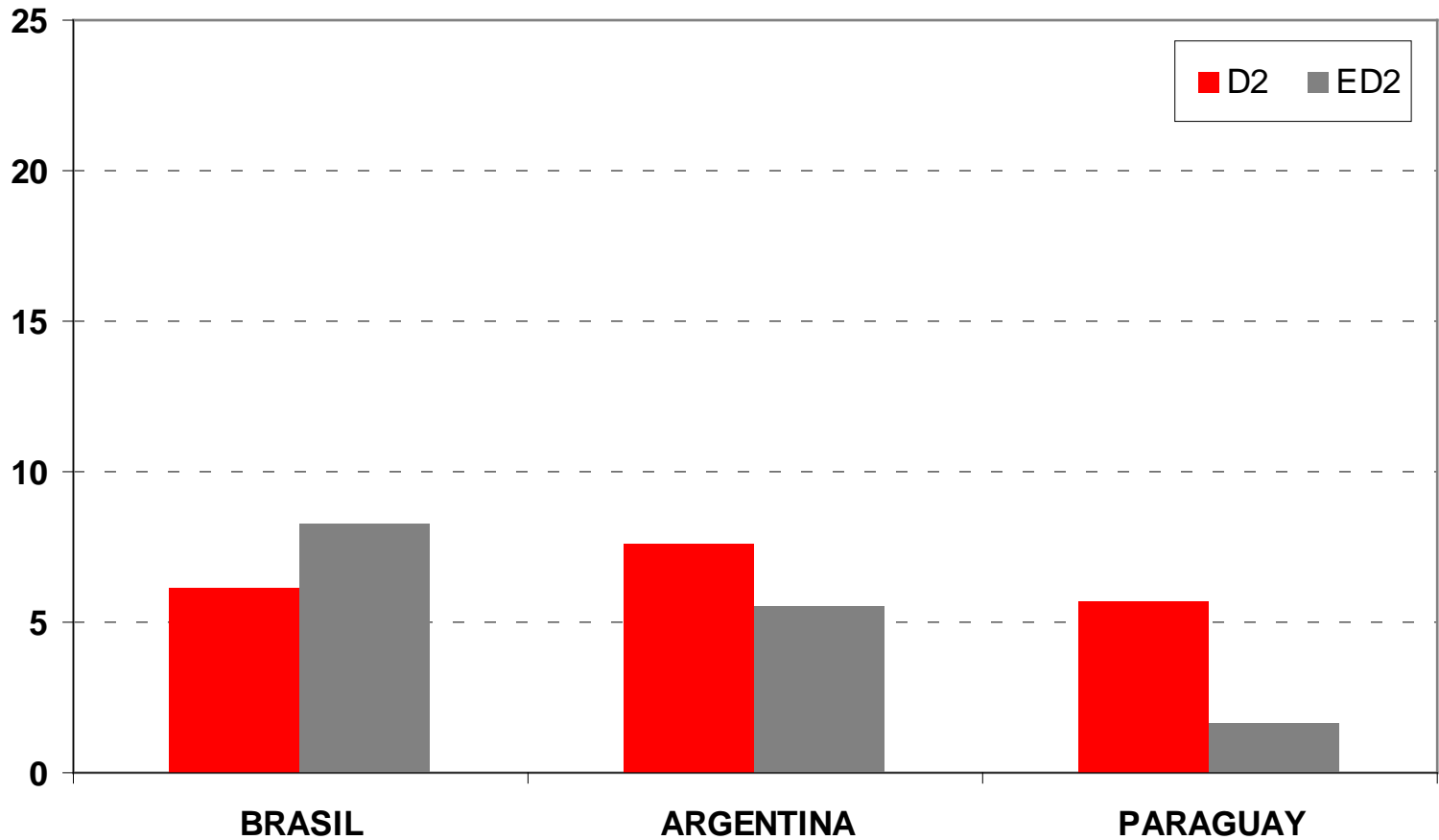
**DISABILITY PREVALENCE  
BRASIL- ARGENTINA - PARAGUAY  
PM X PEM**



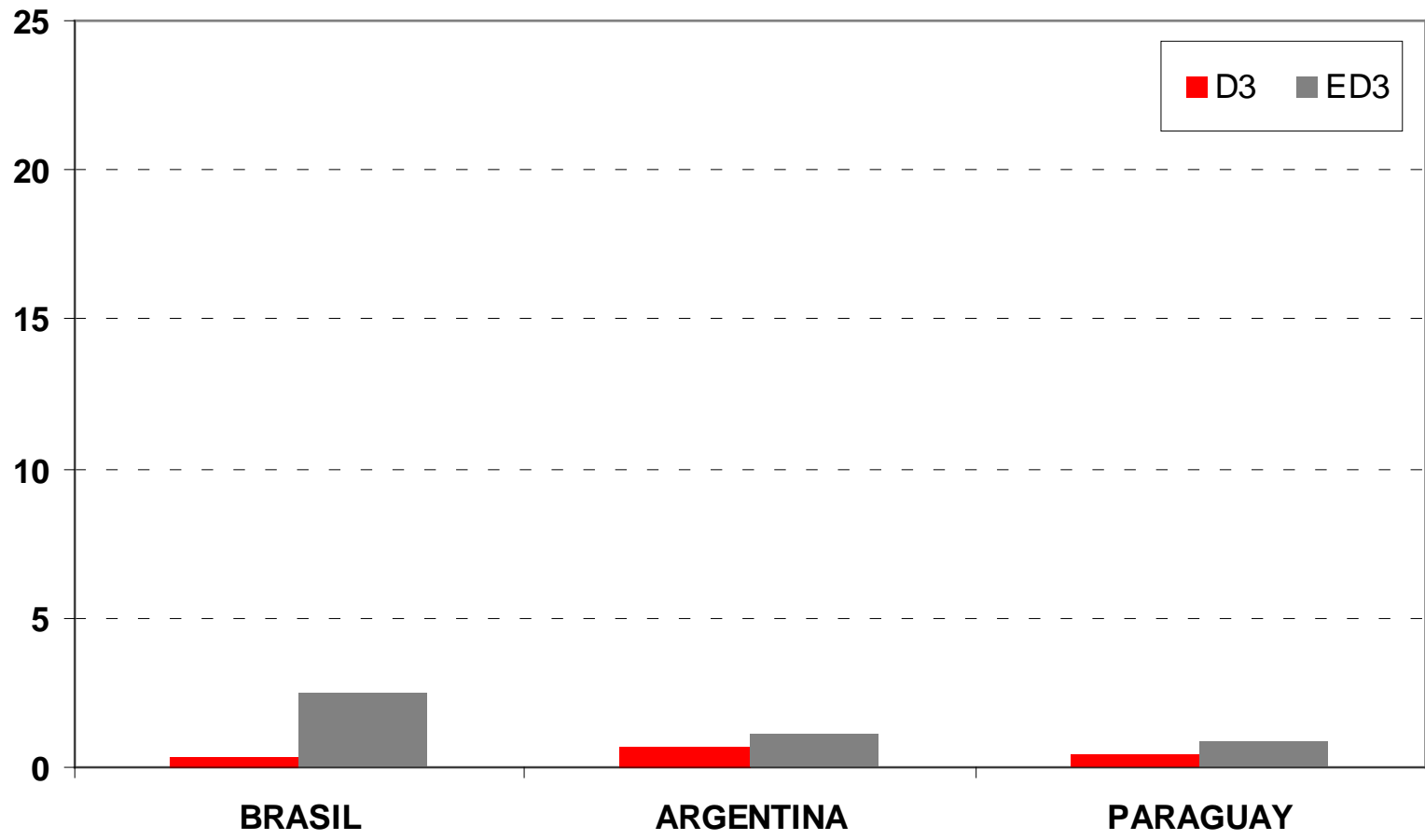
**POSITIVE ANSWERS - VISION  
BRASIL- ARGENTINA - PARAGUAY  
D1 X ED1**



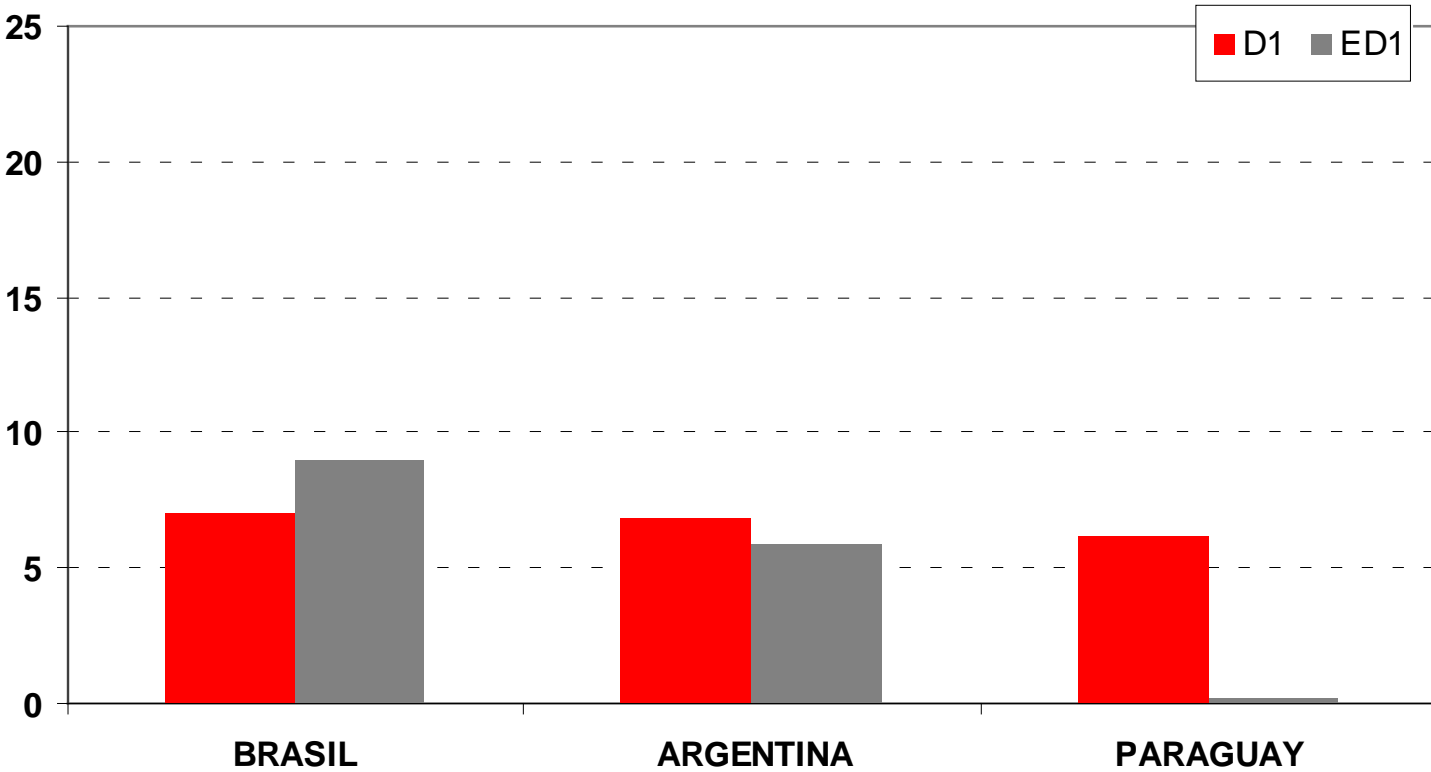
**POSITIVE ANSWERS - VISION  
BRASIL- ARGENTINA - PARAGUAY  
D2 X ED2**



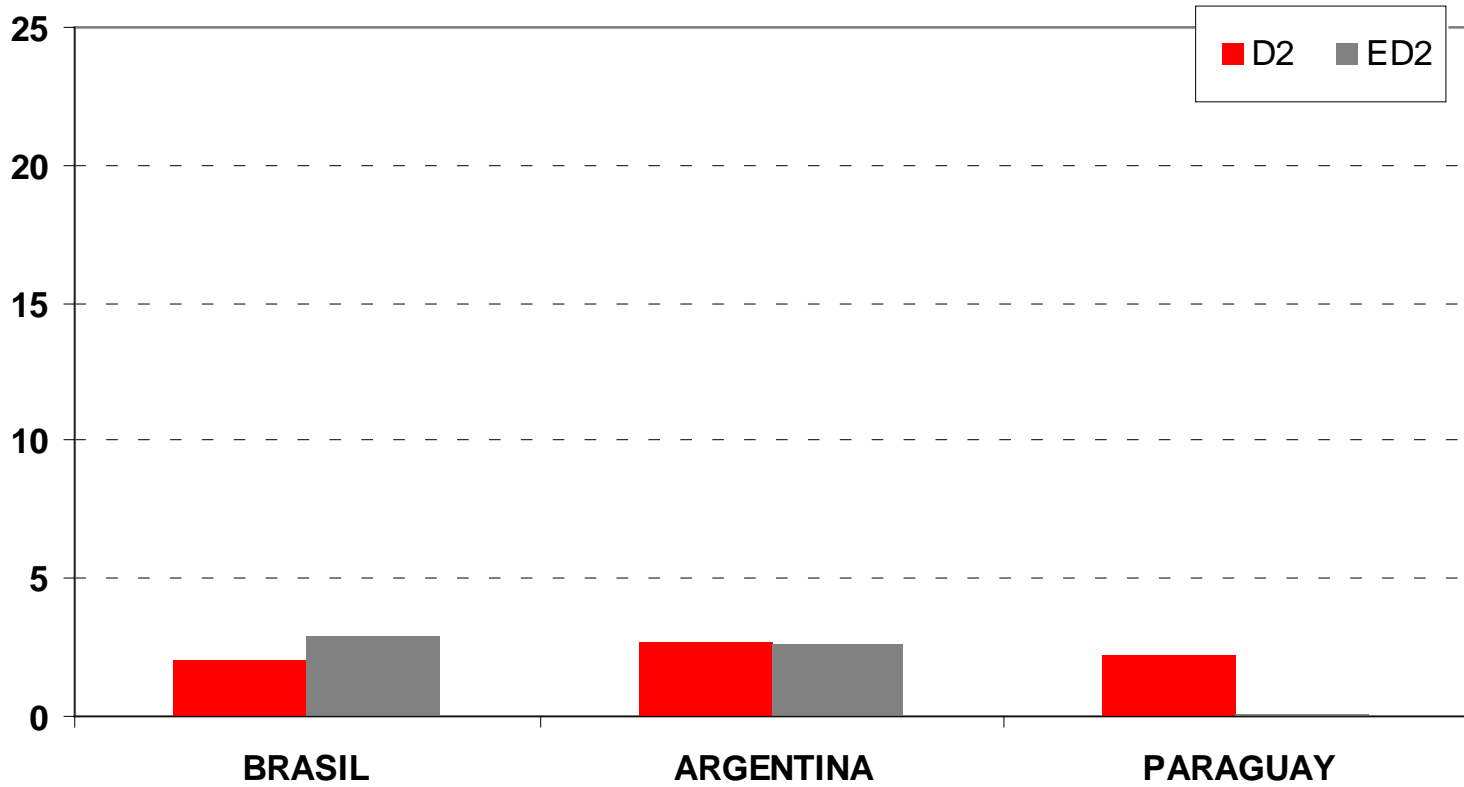
**POSITIVE ANSWERS - VISION  
BRASIL- ARGENTINA - PARAGUAY  
D3 X ED3**



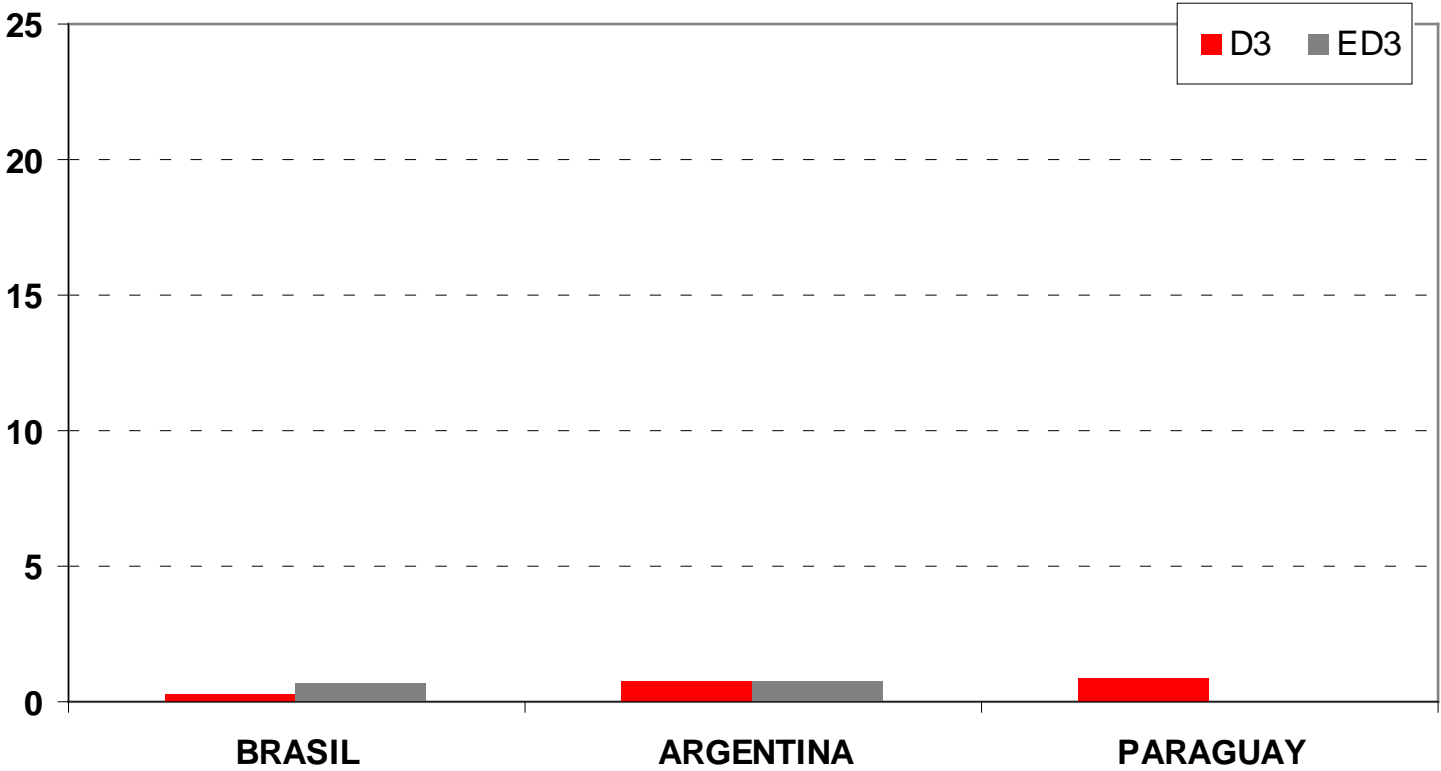
**POSITIVE ANSWERS - HEARING  
BRASIL- ARGENTINA - PARAGUAY  
D1 X ED1**



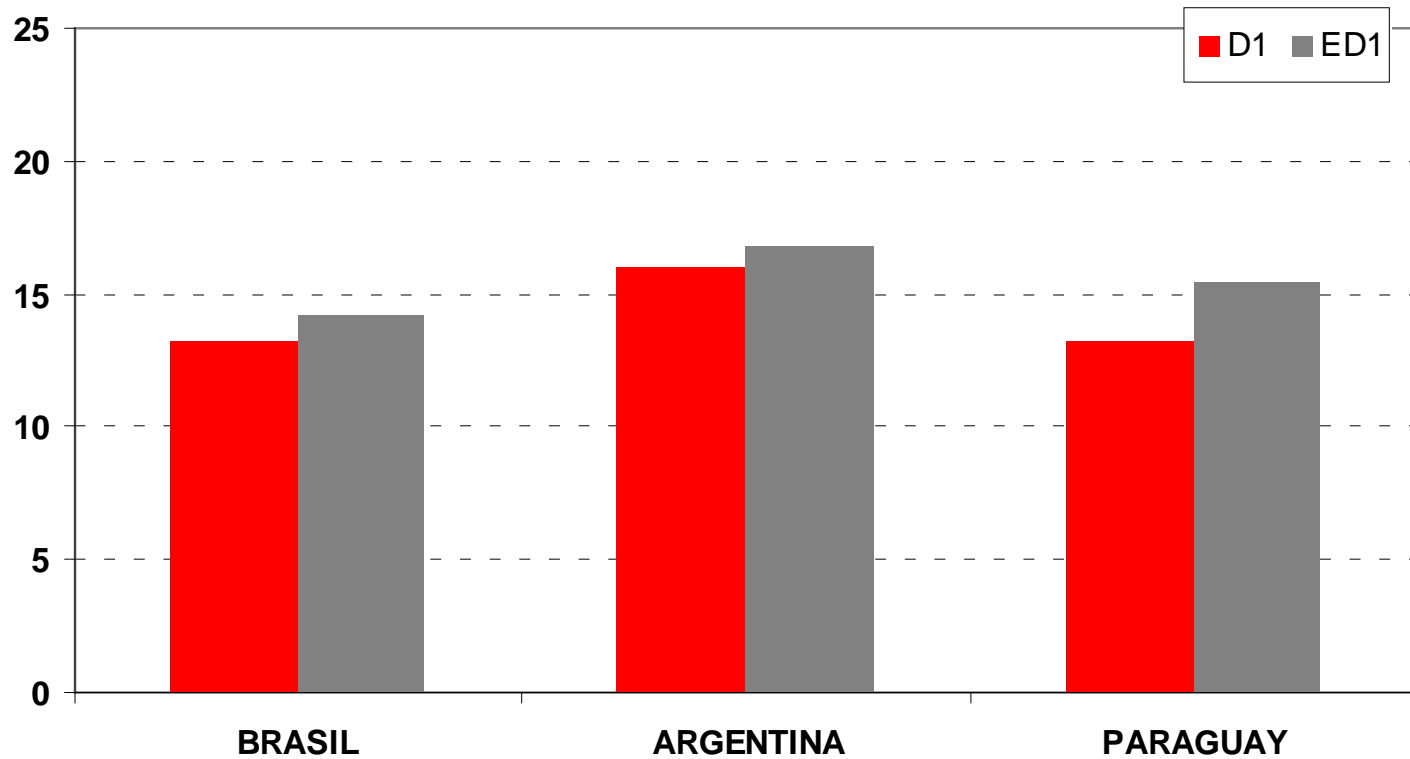
**POSITIVE ANSWERS - HEARING  
BRASIL- ARGENTINA - PARAGUAY  
D2 X ED2**



**RPOSITIVE ANSWERS - HEARING**  
**BRASIL- ARGENTINA - PARAGUAY**  
**D3 X ED3**

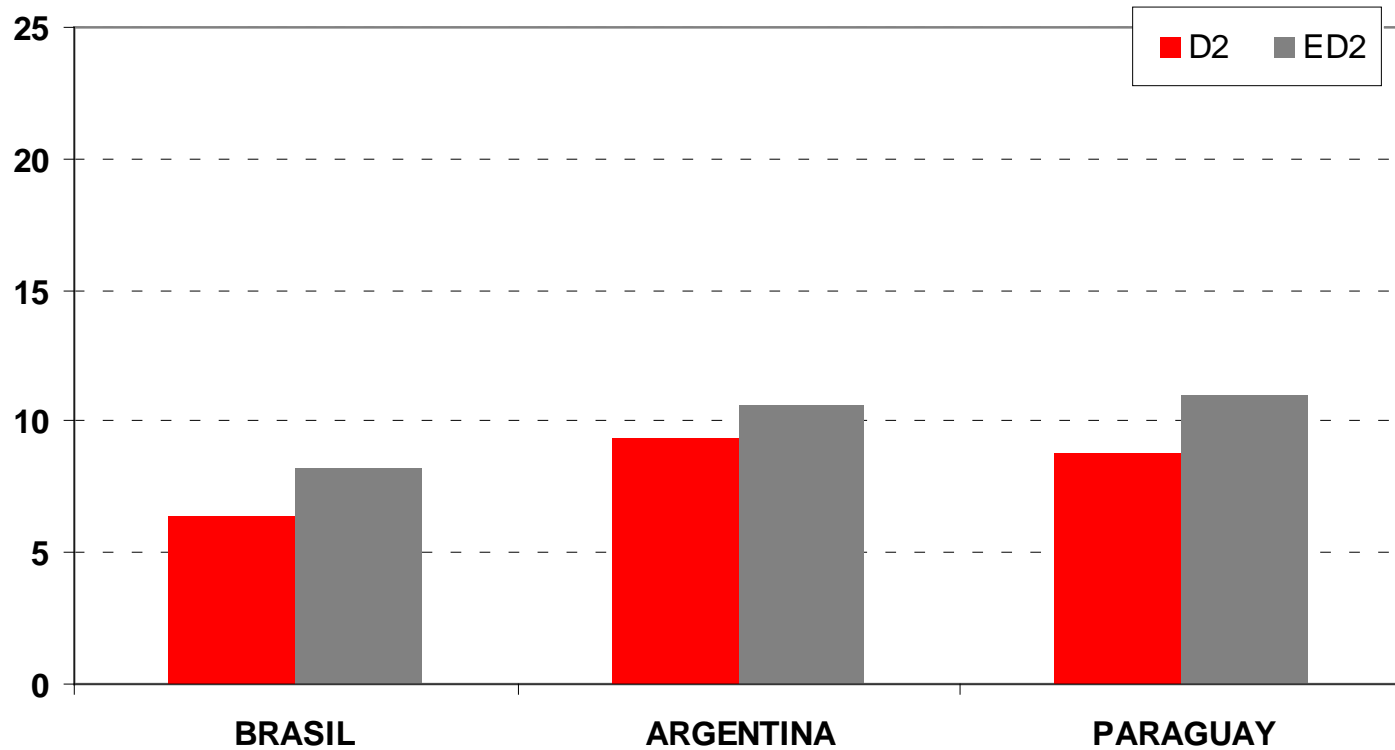


**POSITIVE ANSWERS - MOBILITY  
BRASIL- ARGENTINA - PARAGUAY  
D1 X ED1**

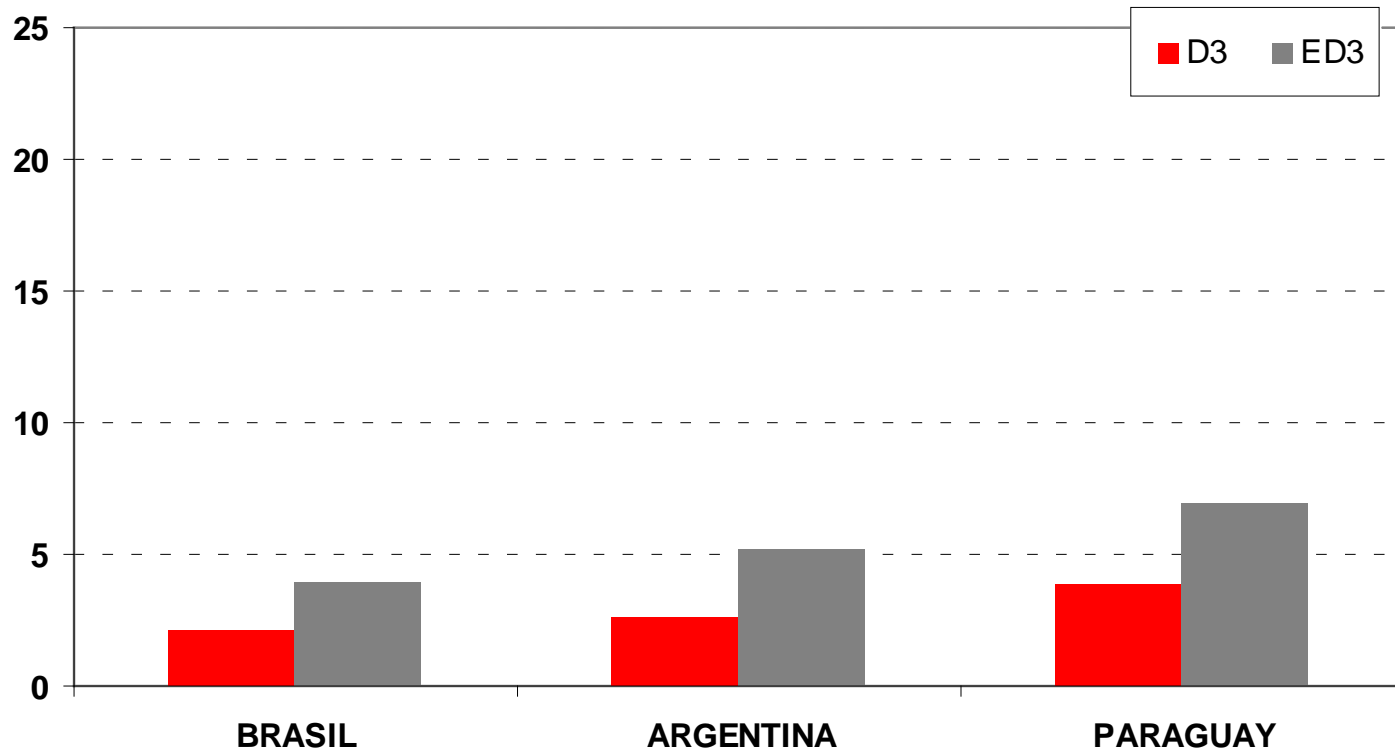




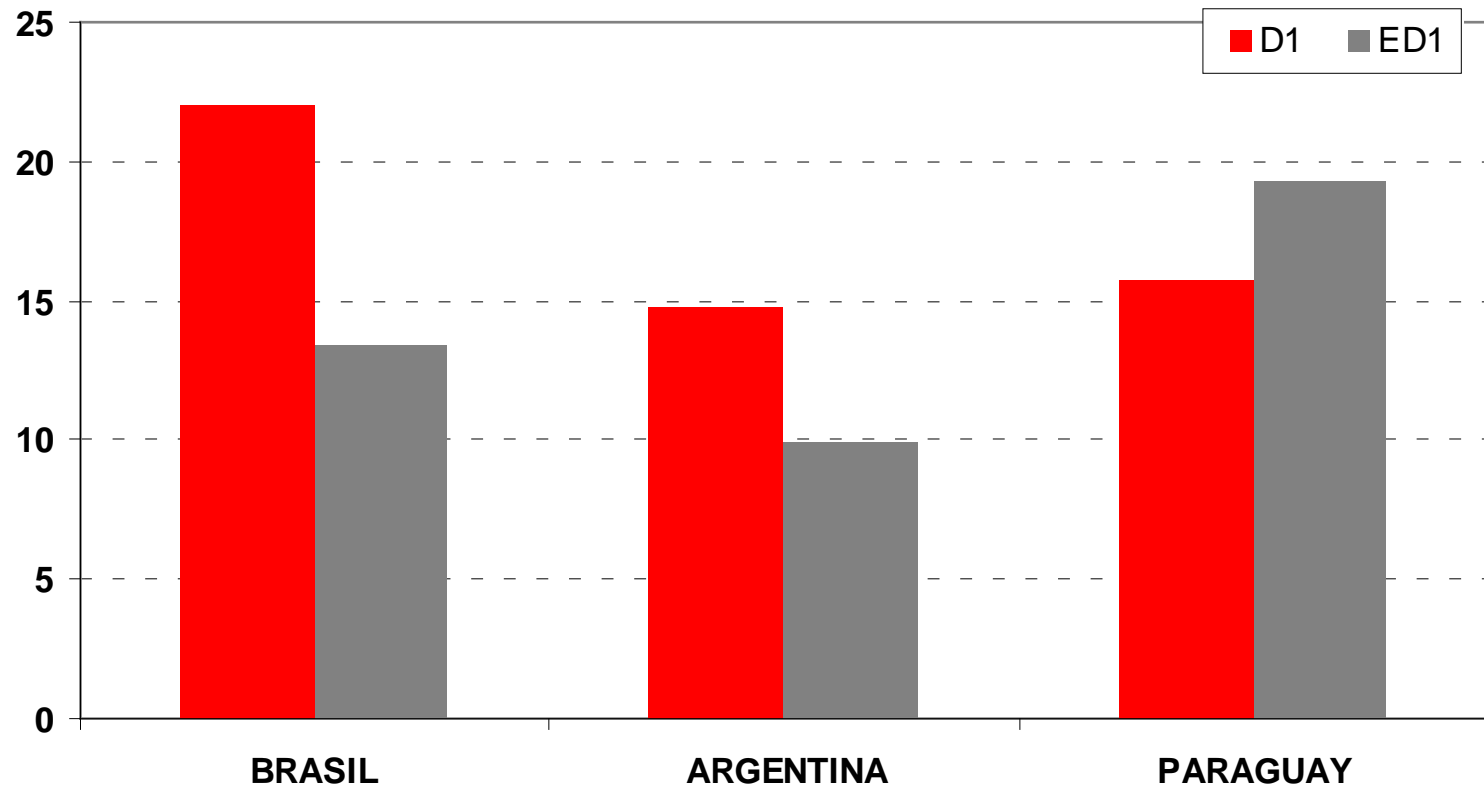
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BRASIL- ARGENTINA - PARAGUAY  
D2 X ED2**



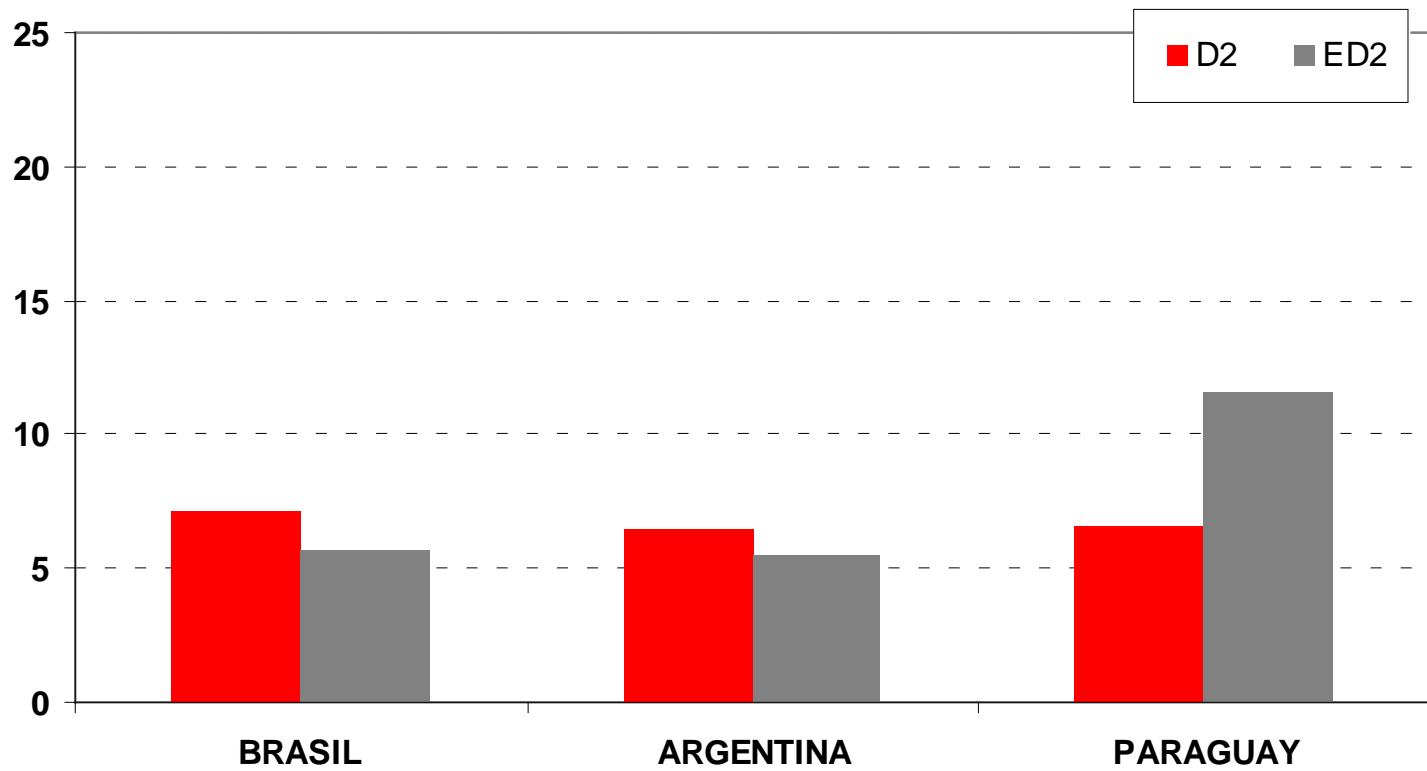
**POSITIVE ANSWERS - MOBILITY  
BRASIL- ARGENTINA - PARAGUAY  
D3 X ED3**



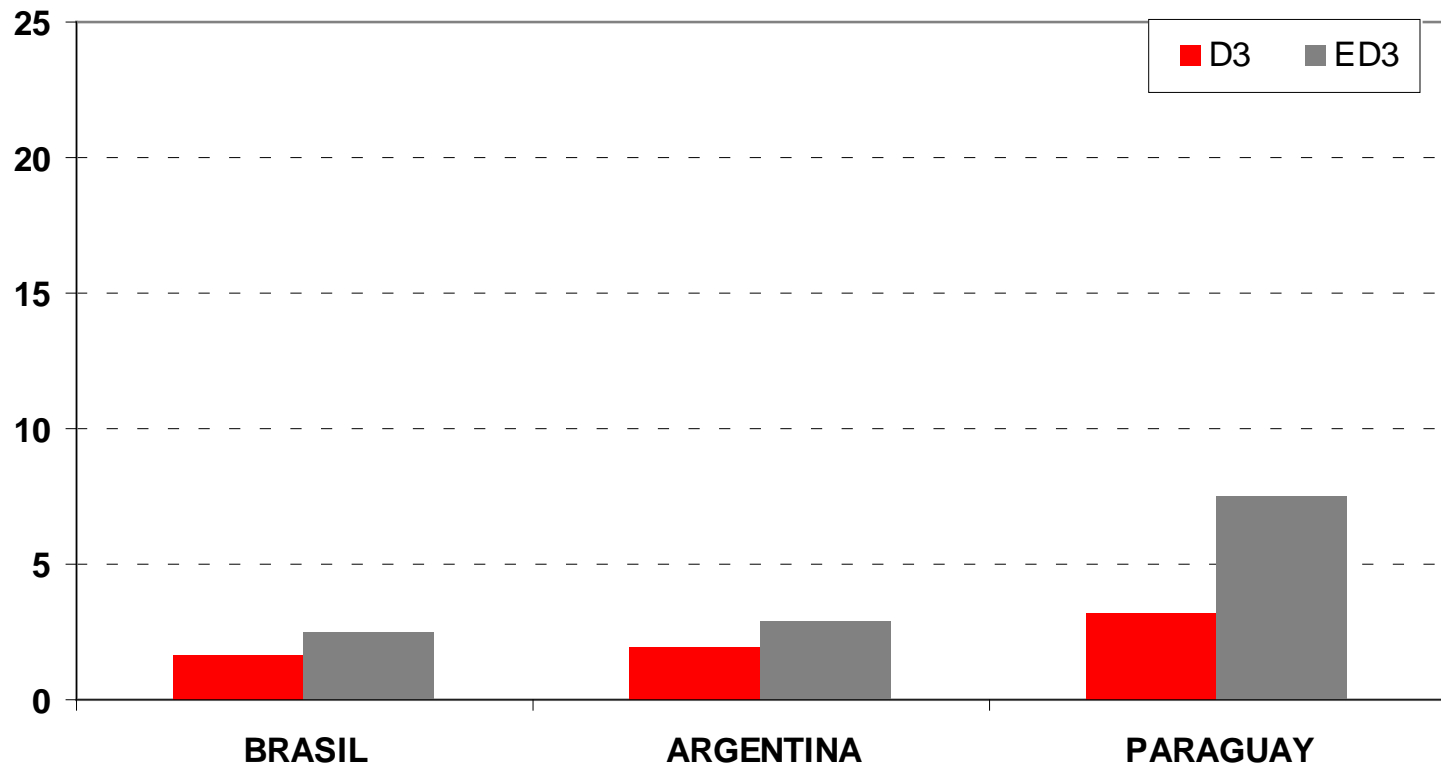
**POSITIVE ANSWERS - REMEMBERING  
BRASIL- ARGENTINA - PARAGUAY  
D1 X ED1**



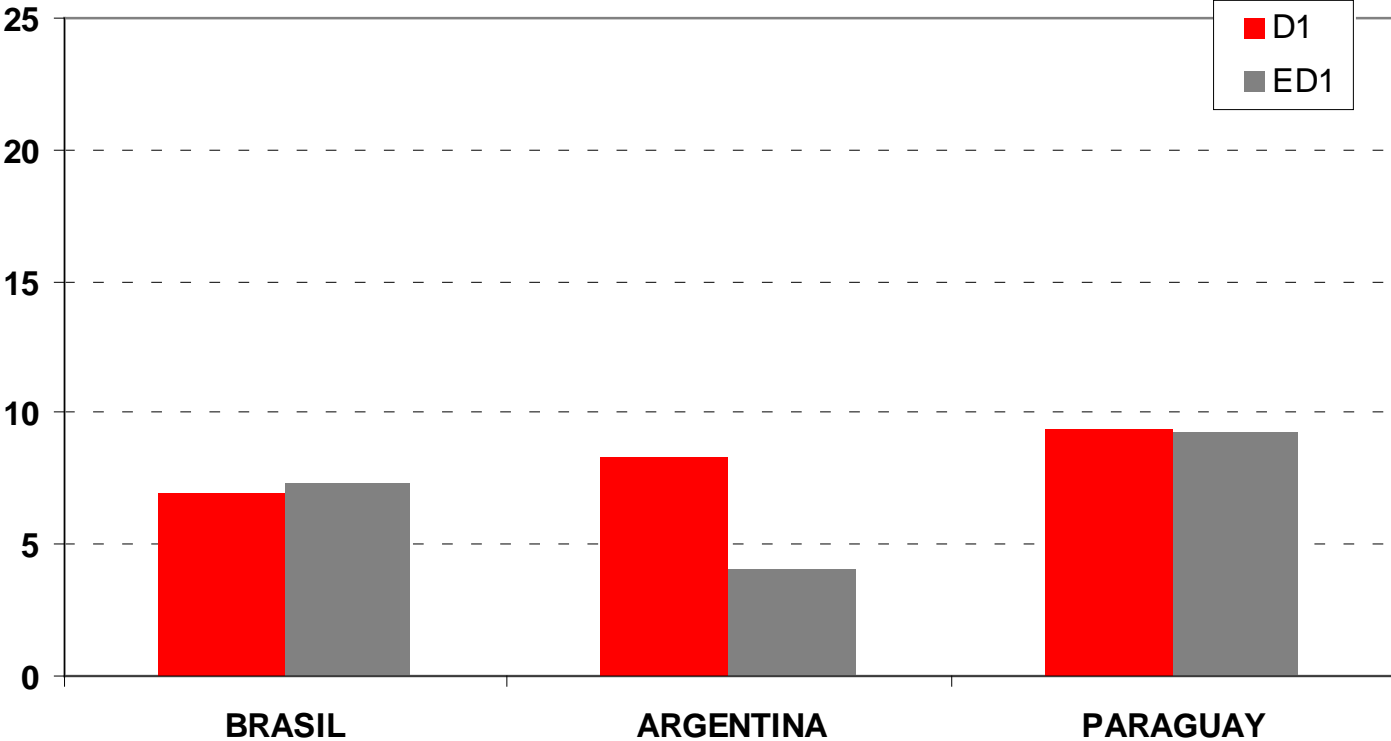
**POSITIVE ANSWERS - REMEMBERING  
BRASIL- ARGENTINA - PARAGUAY  
D2 X ED2**



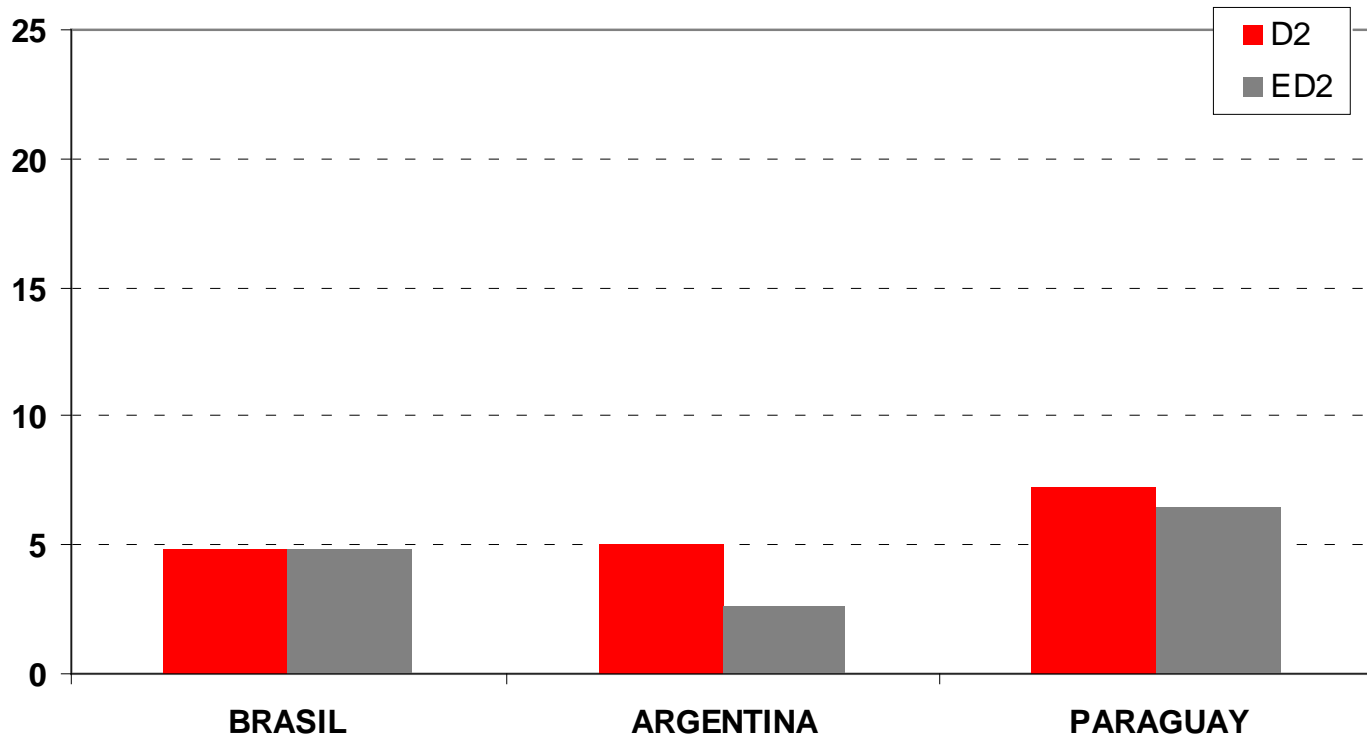
**POSITIVE ANSWERS - REMEMBERING  
BRASIL- ARGENTINA - PARAGUAY  
D3 X ED3**



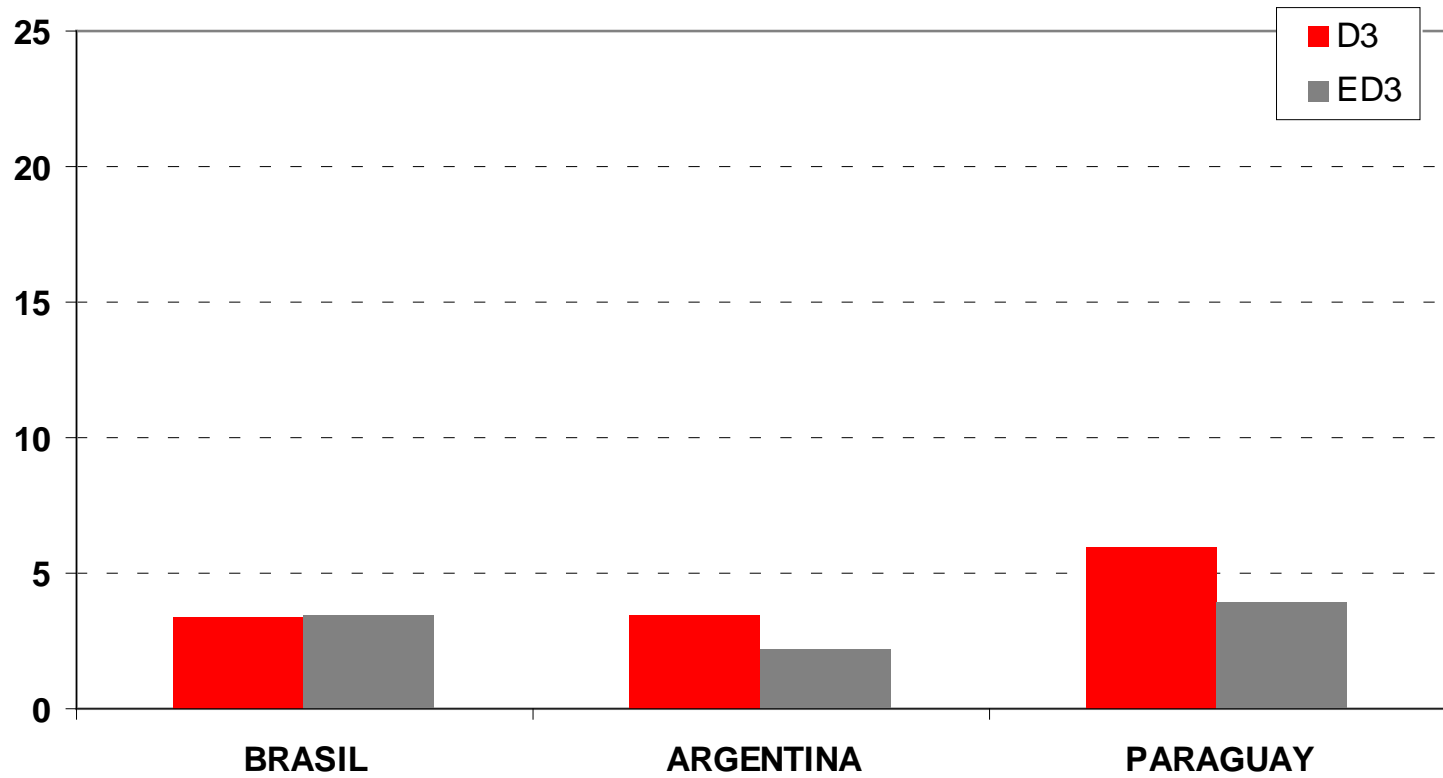
**POSITIVE ANSWERS - SELF-CARE  
BRASIL- ARGENTINA - PARAGUAY  
D1 X ED1**



**POSITIVE ANSWERS - SELF-CARE  
BRASIL- ARGENTINA - PARAGUAY  
D2 X ED2**

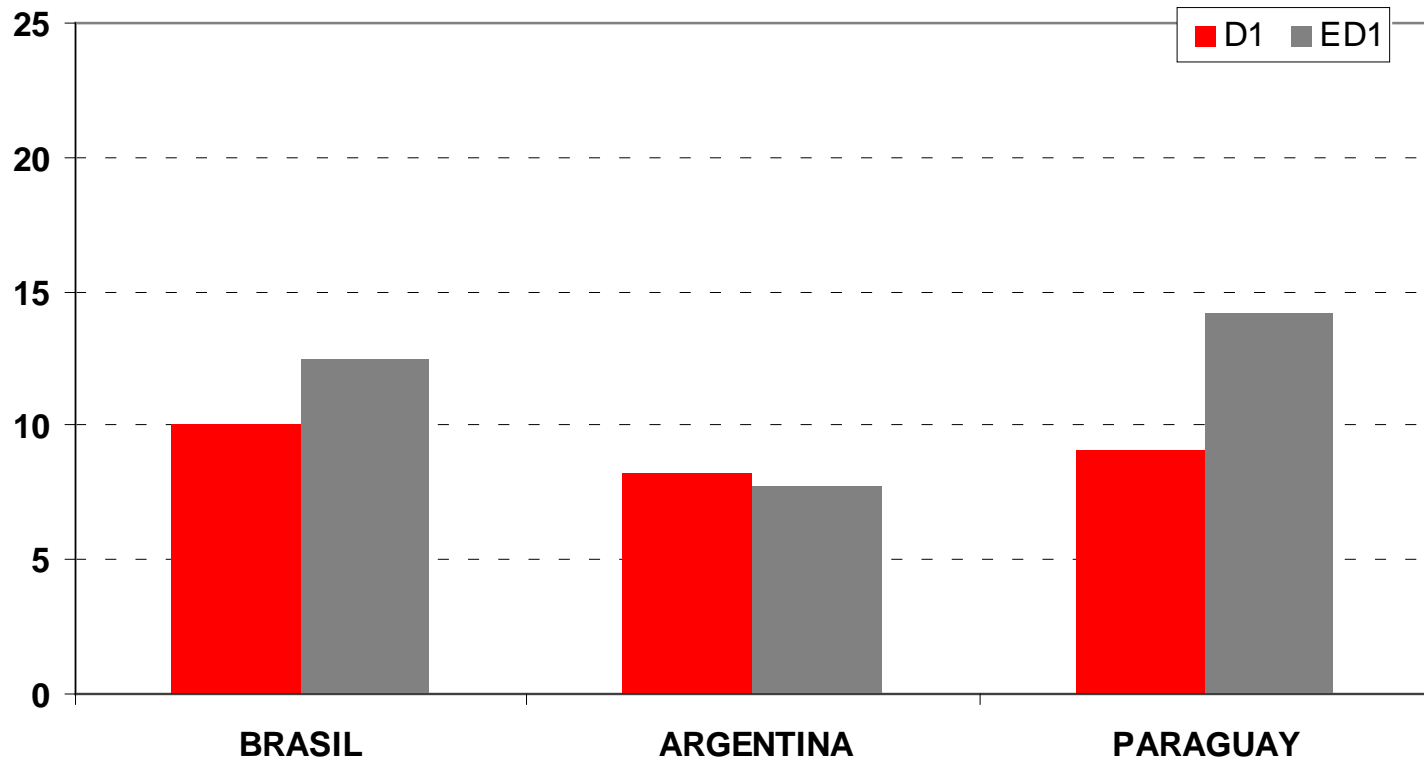


**POSITIVE ANSWERS - SELF-CARE  
BRASIL- ARGENTINA - PARAGUAY  
D3 X ED3**

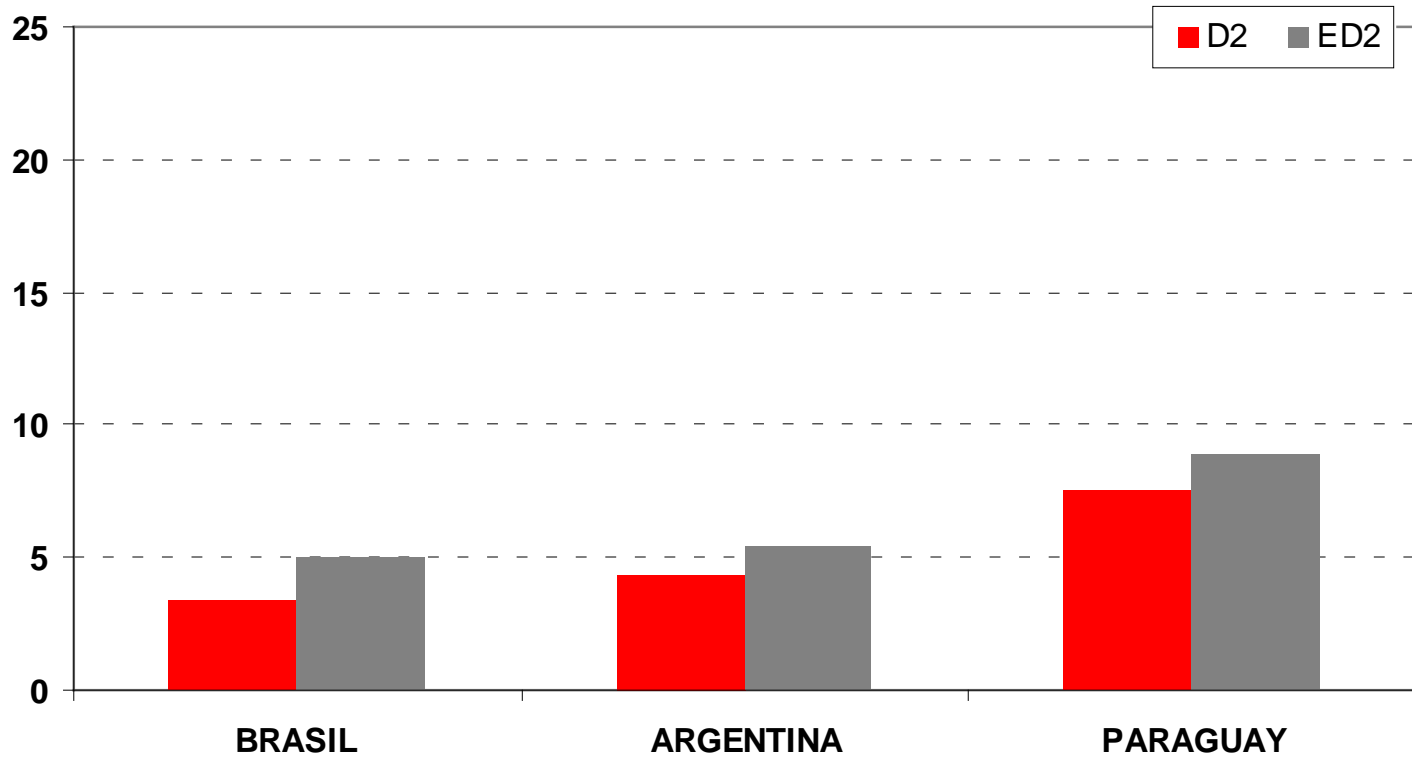




**POSITIVE ANSWERS - COMMUNICATING  
BRASIL- ARGENTINA - PARAGUAY  
D1 X ED1**



**POSITIVE ANSWERS - COMMUNICATING  
BRASIL- ARGENTINA - PARAGUAY  
D2 X ED2**



**RESPOSTAS POSITIVAS - COMMUNICATING  
BRASIL- ARGENTINA - PARAGUAY  
D3 X ED3**

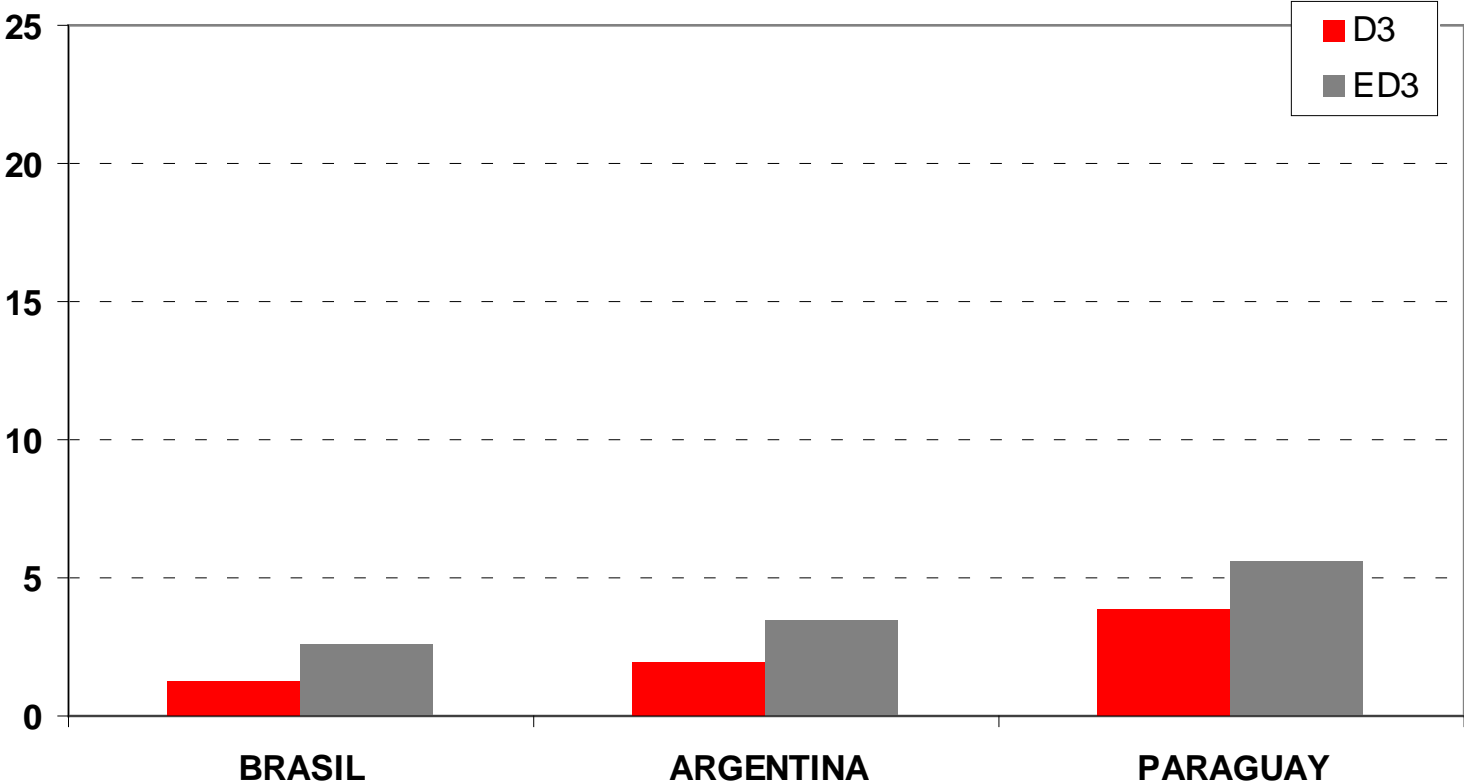


Chart 7

**CORRELATION MATRIX BY COUNTRY AND DOMAIN  
I JOINT PILOT TEST: BRAZIL - ARGENTINA - PARAGUAY**

CORE QUESTIONS	VISION											
	EXTENDED QUESTIONS											
	BRAZIL				ARGENTINA				PARAGUAY			
	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3
<b>D0</b>	<b>0,65</b>	-0,65	-0,46	-0,17	<b>0,59</b>	-0,59	-0,45	-0,19	<b>0,29</b>	-0,29	-0,15	-0,03
<b>D1</b>	-0,65	<b>0,65</b>	0,46	0,17	-0,59	<b>0,59</b>	0,45	0,19	-0,29	<b>0,29</b>	0,15	0,03
<b>D2</b>	-0,45	0,45	<b>0,54</b>	0,23	-0,46	0,46	<b>0,60</b>	0,30	-0,14	0,14	<b>0,15</b>	0,05
<b>D3</b>	-0,01	0,01	0,03	<b>0,05</b>	-0,19	0,19	0,31	<b>0,74</b>	-0,03	0,03	0,05	<b>0,07</b>

Source: I Prova Piloto Conjunta sobre Deficiência, Brazil, Argentina and Paraguay,  
Nov. 2006.

Chart 8

**CORRELATION MATRIX BY COUNTRY AND DOMAIN  
I JOINT PILOT TEST: BRAZIL - ARGENTINA - PARAGUAY**

CORE QUESTIONS	HEARING											
	EXTENDED QUESTIONS											
	BRAZIL				ARGENTINA				PARAGUAY			
	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3
<b>D0</b>	<b>0,64</b>	-0,64	-0,42	-0,17	<b>0,63</b>	-0,63	-0,52	-0,34	<b>0,17</b>	-0,17	-0,15	-
<b>D1</b>	-0,64	<b>0,64</b>	0,42	0,17	-0,63	<b>0,63</b>	0,52	0,34	-0,17	<b>0,17</b>	0,15	-
<b>D2</b>	-0,39	0,39	<b>0,55</b>	0,32	-0,51	0,51	<b>0,73</b>	0,51	-0,30	0,30	<b>0,26</b>	-
<b>D3</b>	-0,14	0,14	0,26	<b>0,42</b>	0,27	0,27	0,42	<b>0,62</b>	-0,34	0,34	0,26	-

Source: I Prova Piloto Conjunta sobre Deficiência, Brazil, Argentina and Paraguay, Nov. 2006.

Chart 9

**CORRELATION MATRIX BY COUNTRY AND DOMAIN  
I JOINT PILOT TEST: BRAZIL - ARGENTINA - PARAGUAY**

CORE QUESTIONS	MOBILITY											
	EXTENDED QUESTIONS											
	BRAZIL				ARGENTINA				PARAGUAY			
	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3
<b>D0</b>	<b>0,66</b>	-0,66	-0,57	-0,37	<b>0,78</b>	-0,78	-0,69	-0,45	<b>0,74</b>	-0,74	-0,74	-0,58
<b>D1</b>	-0,66	<b>0,66</b>	0,57	0,37	-0,78	<b>0,78</b>	0,69	0,45	-0,74	<b>0,74</b>	0,74	0,58
<b>D2</b>	-0,56	0,56	<b>0,67</b>	0,50	-0,66	0,66	<b>0,79</b>	0,59	-0,64	0,64	<b>0,77</b>	0,64
<b>D3</b>	-0,34	0,34	0,46	<b>0,65</b>	-0,37	0,37	0,48	<b>0,69</b>	-0,42	0,42	0,52	<b>0,64</b>

Source: I Prova Piloto Conjunta sobre Deficiência, Brazil, Argentina and Paraguay, Nov. 2006.

Chart 10

**CORRELATION MATRIX BY COUNTRY AND DOMAIN  
I JOINT PILOT TEST: BRAZIL - ARGENTINA - PARAGUAY**

CORE QUESTIONS	COGNITION											
	EXTENDED QUESTIONS											
	BRAZIL				ARGENTINA				PARAGUAY			
	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3
<b>D0</b>	<b>0,46</b>	-0,46	-0,34	-0,22	<b>0,55</b>	-0,55	-0,42	-0,30	<b>0,52</b>	-0,52	-0,50	-0,40
<b>D1</b>	-0,46	<b>0,46</b>	0,34	0,22	-0,55	<b>0,55</b>	0,42	0,30	-0,52	<b>0,52</b>	0,50	0,40
<b>D2</b>	-0,47	0,47	<b>0,54</b>	0,39	-0,56	0,56	<b>0,63</b>	0,47	-0,49	0,49	<b>0,58</b>	0,50
<b>D3</b>	-0,29	0,29	0,46	<b>0,68</b>	-0,43	0,43	0,52	<b>0,70</b>	-0,36	0,36	0,48	<b>0,60</b>

Source: I Prova Piloto Conjunta sobre Deficiência, Brazil, Argentina and Paraguay, Nov. 2006.

Chart 11

**CORRELATION MATRIX BY COUNTRY AND DOMAIN  
I JOINT PILOT TEST: BRAZIL - ARGENTINA - PARAGUAY**

CORE QUESTIONS	SELF CARE											
	EXTENDED QUESTIONS											
	BRASIL				ARGENTINA				PARAGUAI			
	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3
D0	<b>0,82</b>	-0,82	-0,75	-0,66	<b>0,61</b>	-0,61	-0,54	-0,49	<b>0,57</b>	-0,57	-0,56	-0,53
D1	-0,82	<b>0,82</b>	0,75	0,66	-0,61	<b>0,61</b>	0,54	0,49	-0,57	<b>0,57</b>	0,56	0,53
D2	-0,73	0,73	<b>0,83</b>	0,77	-0,64	0,64	<b>0,70</b>	0,64	-0,58	0,58	<b>0,63</b>	0,62
D3	-0,60	0,60	0,73	<b>0,85</b>	-0,60	0,60	0,74	<b>0,77</b>	-0,55	0,55	0,62	<b>0,66</b>

Source: I Prova Piloto Conjunta sobre Deficiência, Brazil, Argentina and Paraguay,  
Nov. 2006.



Chart 12

**CORRELATION MATRIX BY COUNTRY AND DOMAIN  
I JOINT PILOT TEST: BRAZIL - ARGENTINA - PARAGUAY**

CORE QUESTIONS	COMMUNICATION											
	EXTENDED QUESTIONS											
	BRAZIL				ARGENTINA				PARAGUAY			
	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3	ED0	ED1	ED2	ED3
<b>D0</b>	<b>0,51</b>	-0,51	-0,42	-0,27	<b>0,67</b>	-0,67	-0,59	-0,40	<b>0,62</b>	-0,62	-0,66	-0,55
<b>D1</b>	-0,51	<b>0,51</b>	0,42	0,27	-0,67	<b>0,67</b>	0,59	0,40	-0,62	<b>0,62</b>	0,66	0,55
<b>D2</b>	-0,38	0,38	<b>0,58</b>	0,45	-0,66	0,66	<b>0,75</b>	0,52	-0,70	0,70	<b>0,91</b>	0,78
<b>D3</b>	-0,24	0,24	0,40	<b>0,56</b>	-0,47	0,47	0,58	<b>0,72</b>	-0,46	0,46	0,58	<b>0,69</b>

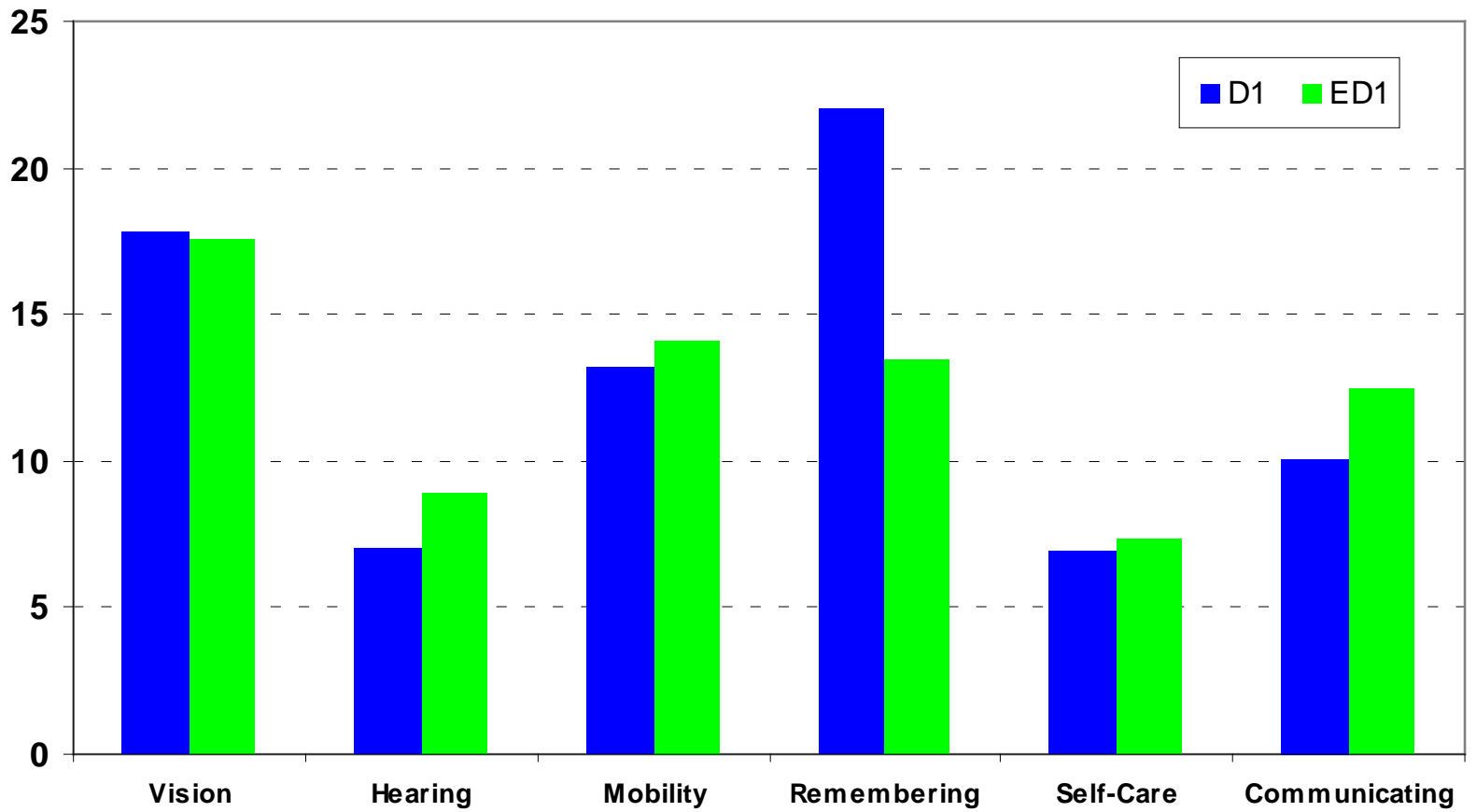
Source: I Prova Piloto Conjunta sobre Deficiência, Brazil, Argentina and Paraguay, Nov. 2006.

Thank you!

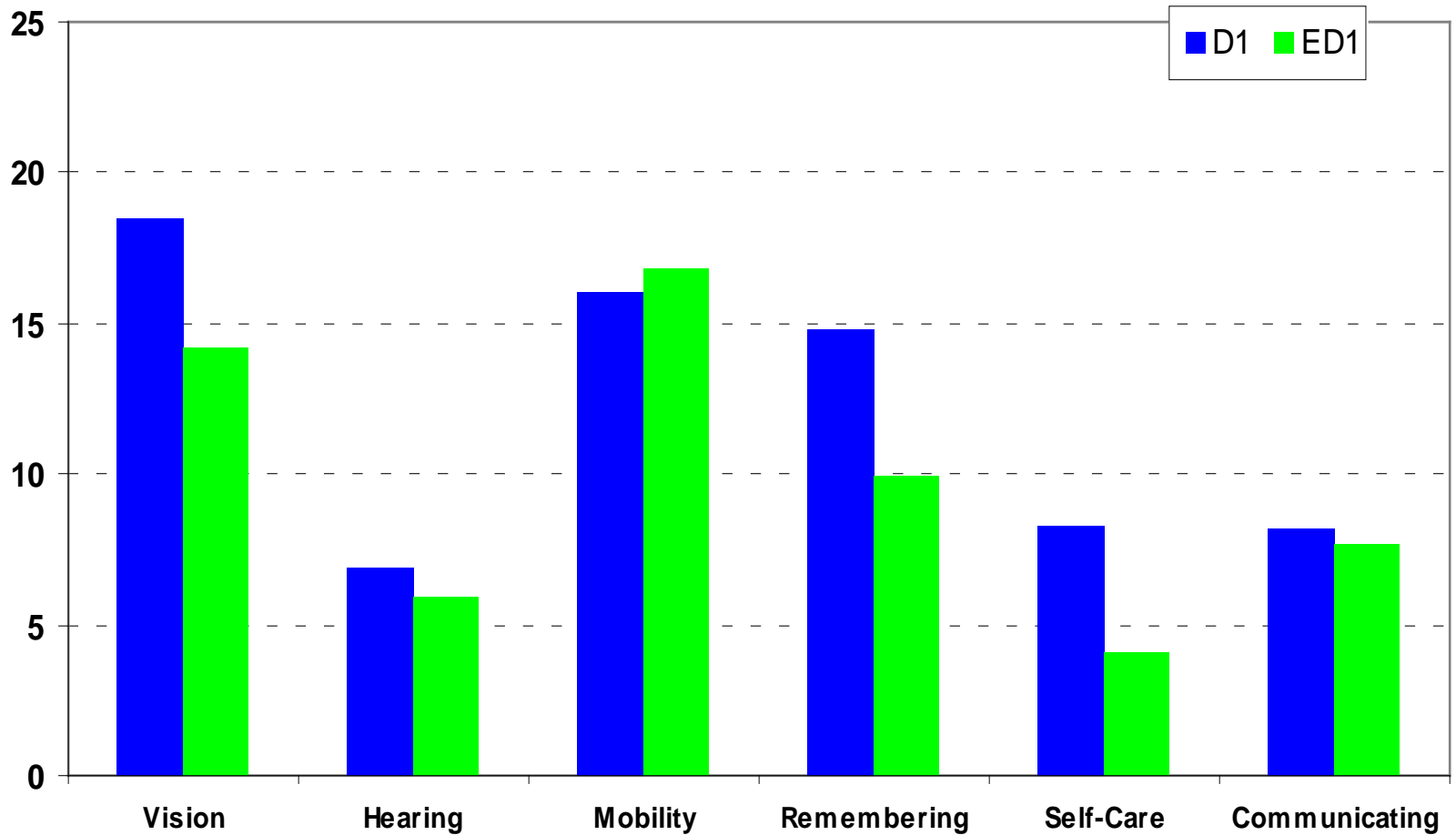
- A total of 4039 interviews were carried out at 1297 residences, 1528 with people with at least one of the investigated disabilities, corresponding to 37.8% of all interviews, and 2511 with people without any of the investigated disabilities, 62.2%.



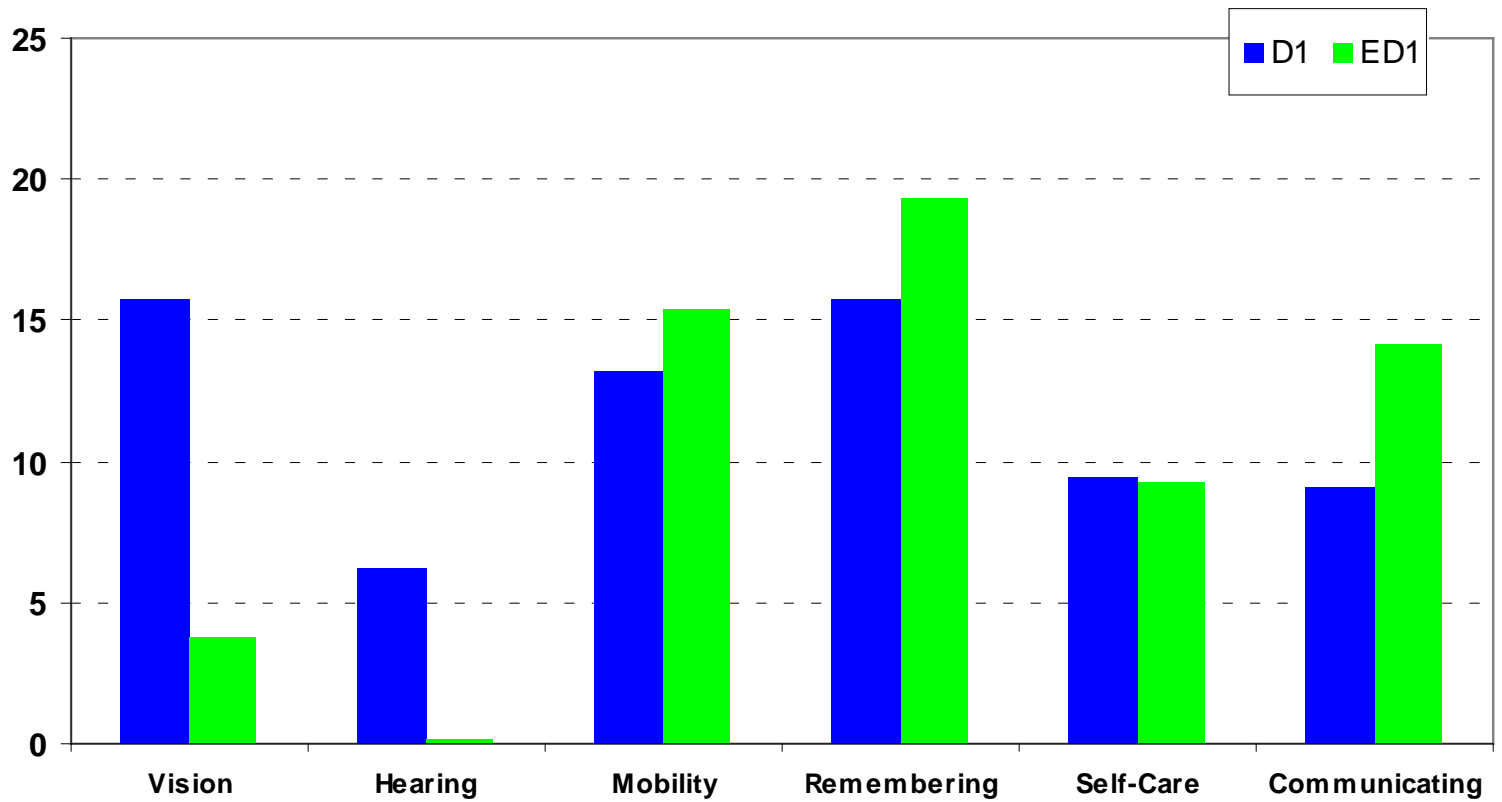
**POSITIVE ANSWERS BY DOMAIN**  
**BRASIL**  
**D1 X ED1**



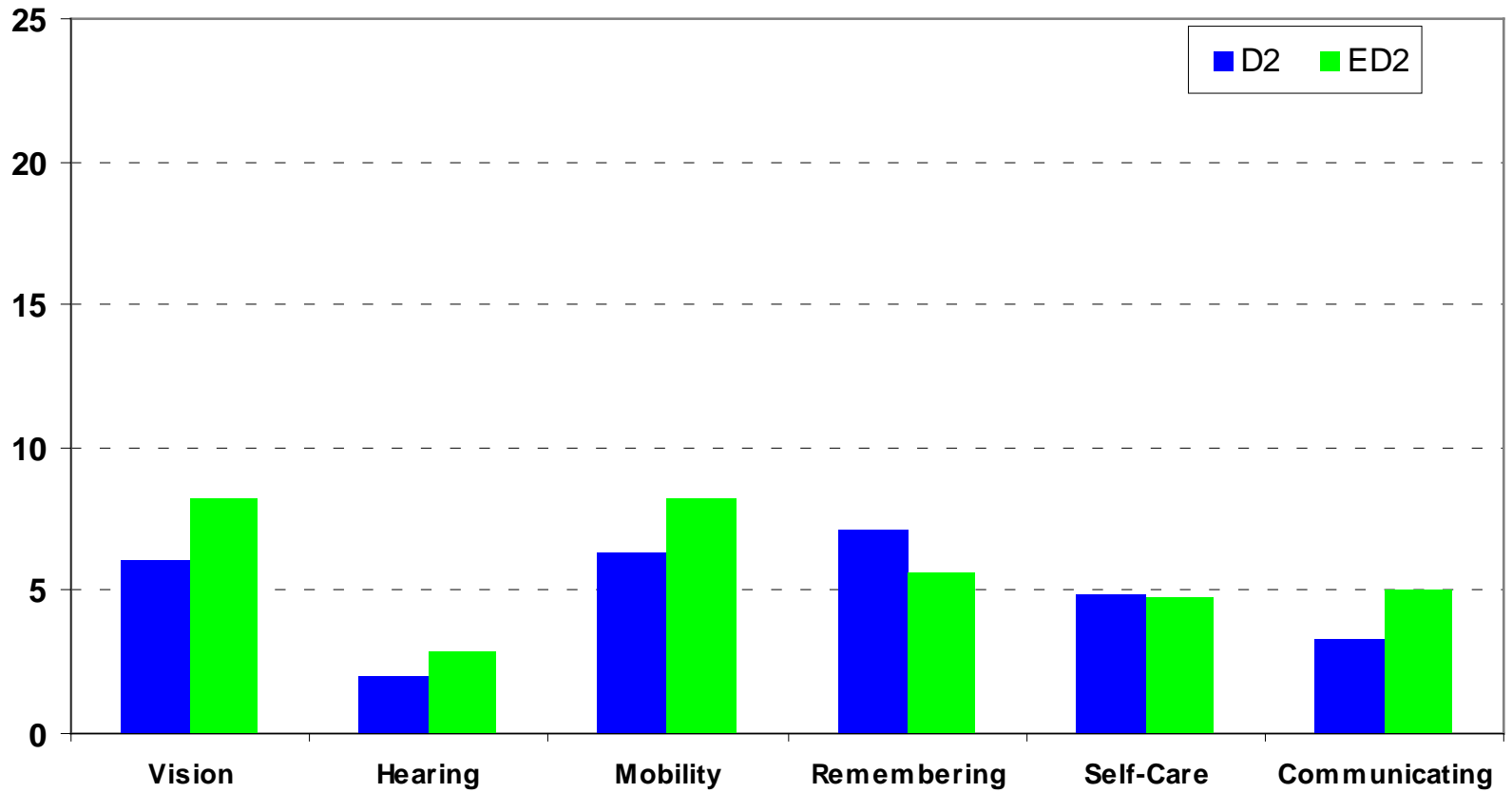
**POSITIVE ANSWERS BY DOMAIN**  
**ARGENTINA**  
**D1 X ED1**



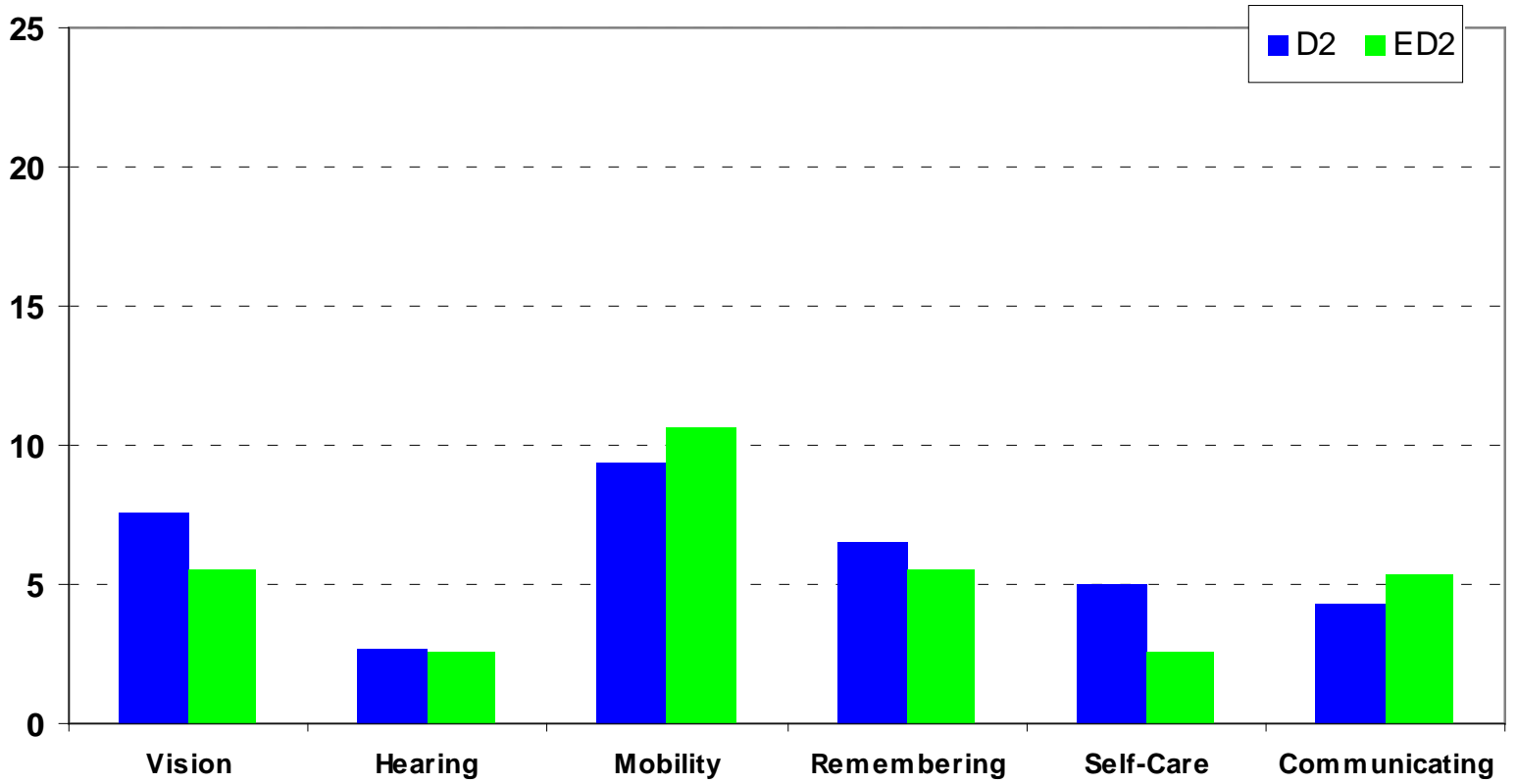
**POSITIVE ANSWERS BY DOMAIN  
PARAGUAY  
D1 X ED1**



**POSITIVE ANSWERS BY DOMAIN  
BRASIL  
D2 X ED2**

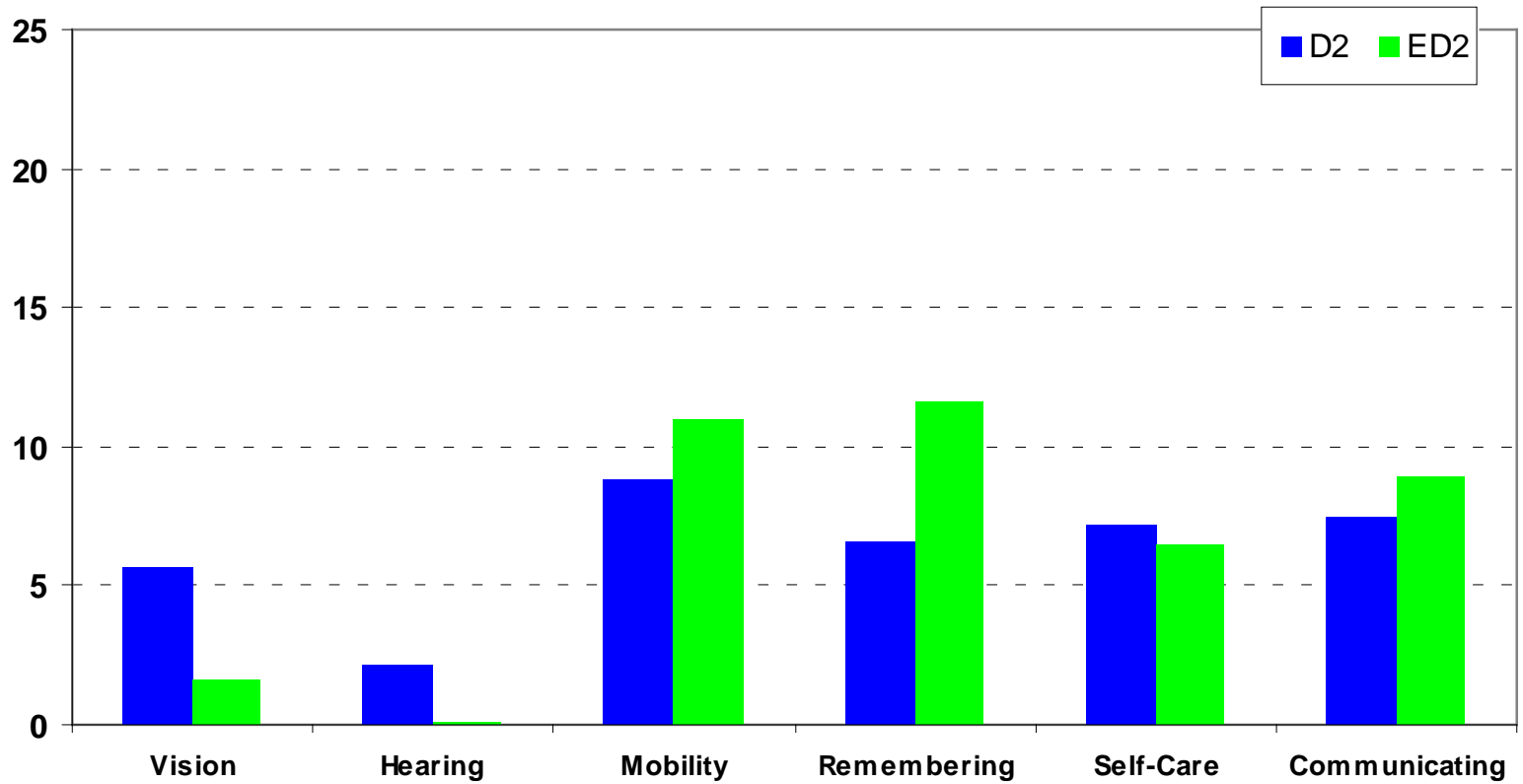


**POSITIVE ANSWERS BY DOMAIN  
ARGENTINA  
D2 X ED2**

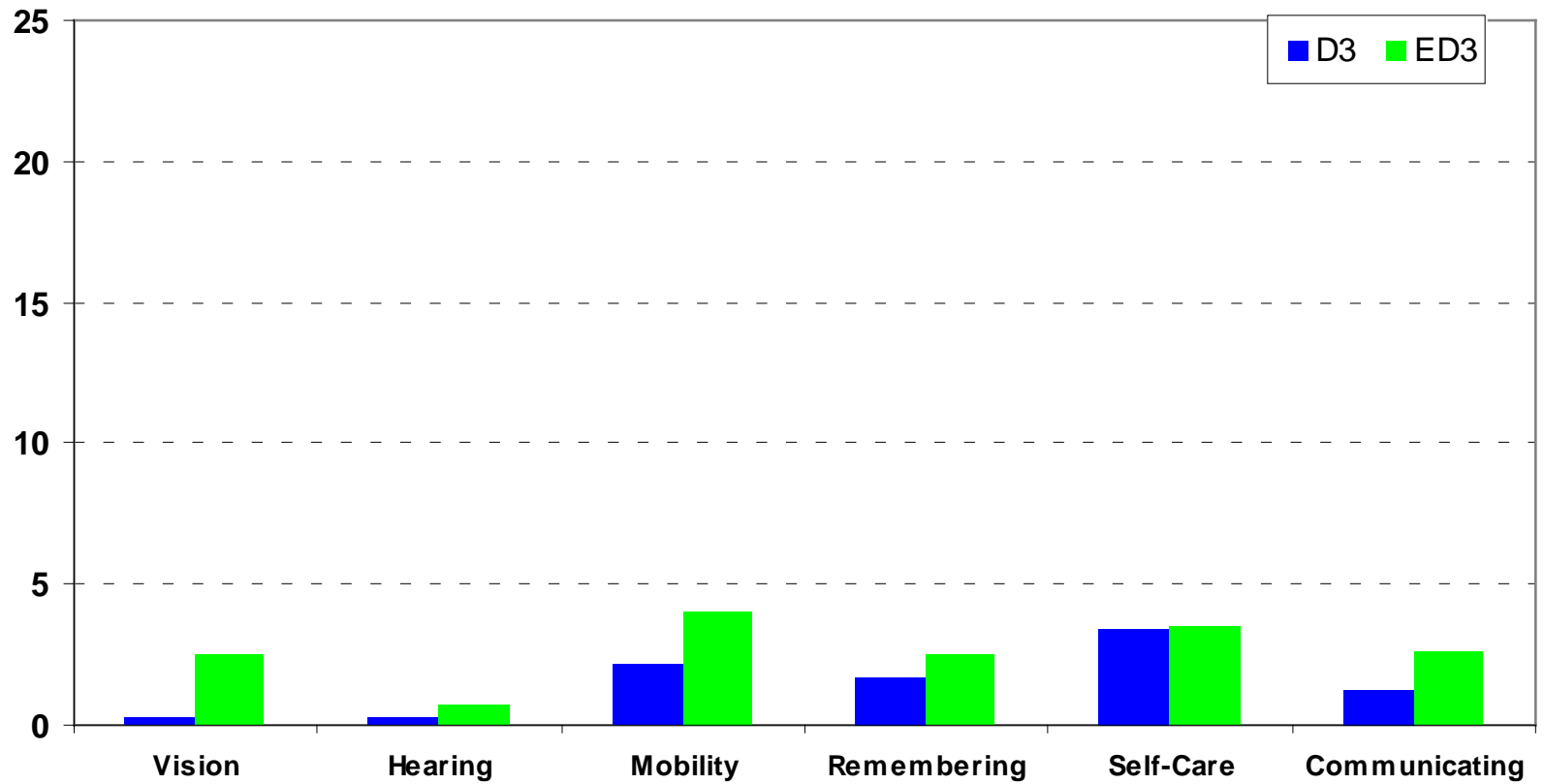




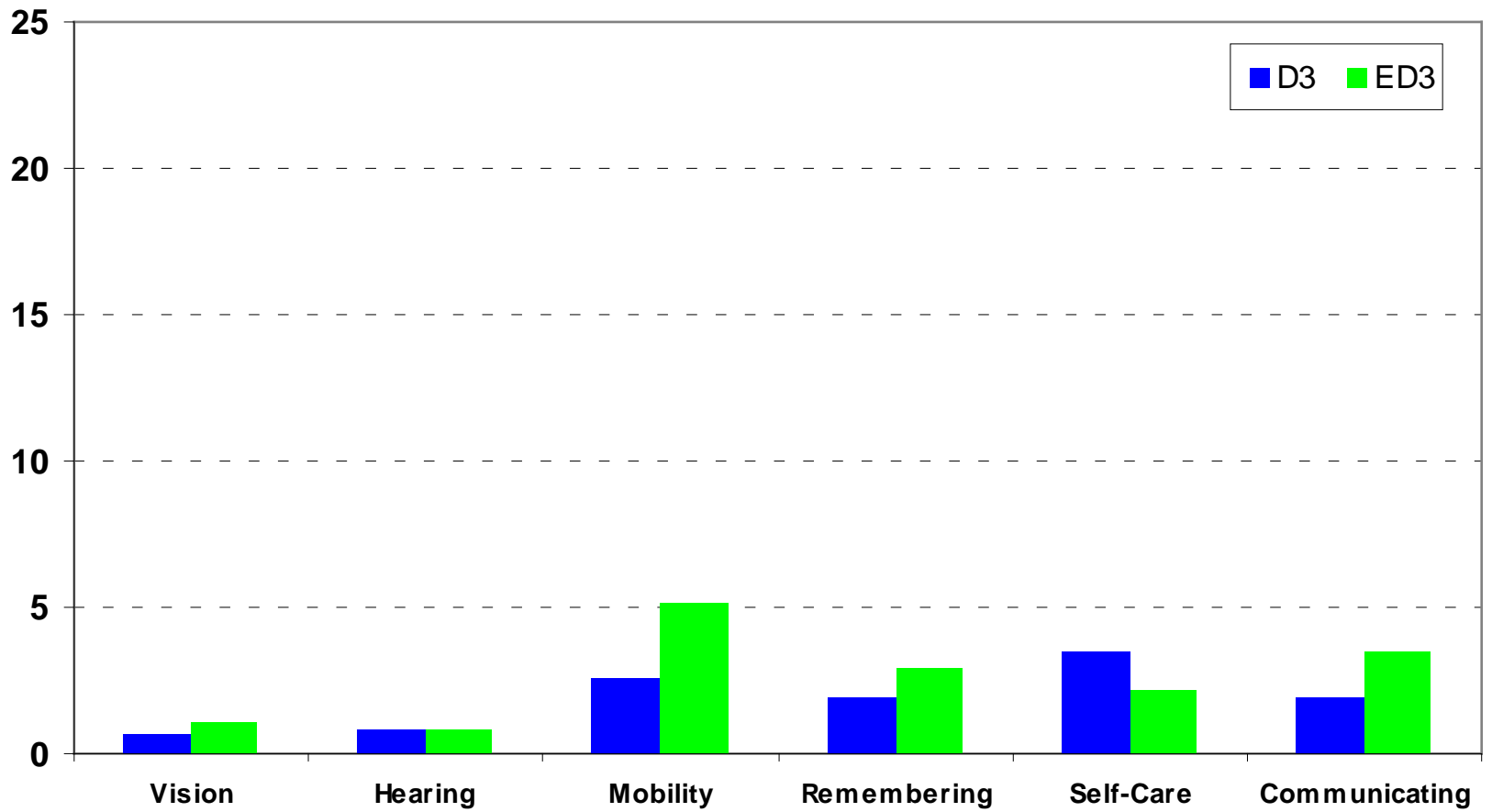
**POSITIVE ANSWERS BY DOMAIN  
PARAGUAY  
D2 X ED2**



**POSITIVE ANSWERS BY DOMAIN  
BRASIL  
D3 X ED3**



**POSITIVE ANSWERS BY DOMAIN**  
**ARGENTINA**  
**D3 X ED3**



**POSITIVE ANSWERS BY DOMAIN  
PARAGUAY  
D3 X ED3**

