

Figure 6A: Organization of the five basal ganglia-thalamocortical circuits that have been identified. VA indicates ventral anterior; MD, medial dorsal. (Adapted from Cummings 1993)





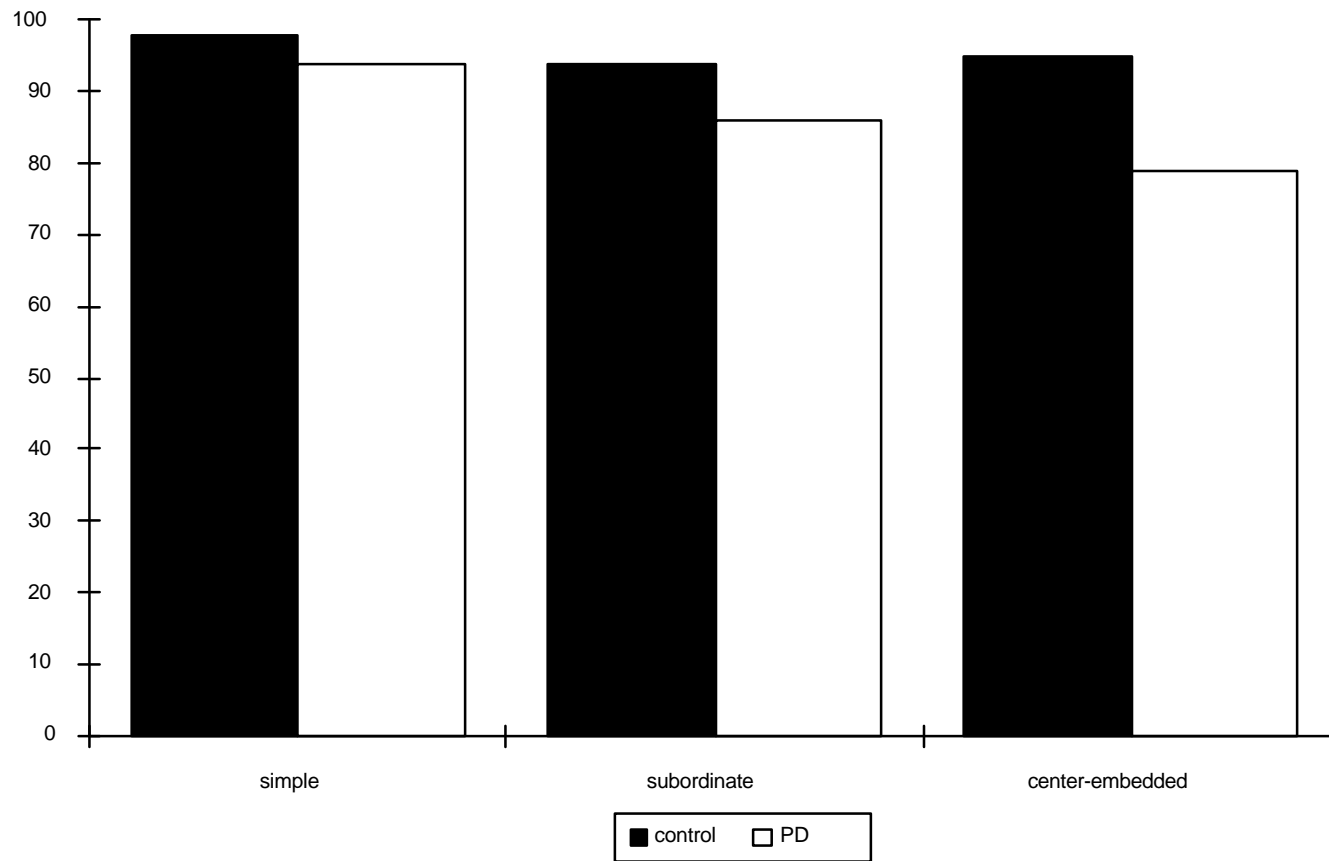


Figure 24: Comprehension of sentences that vary in grammatical complexity (Grossman et al. 1992b)



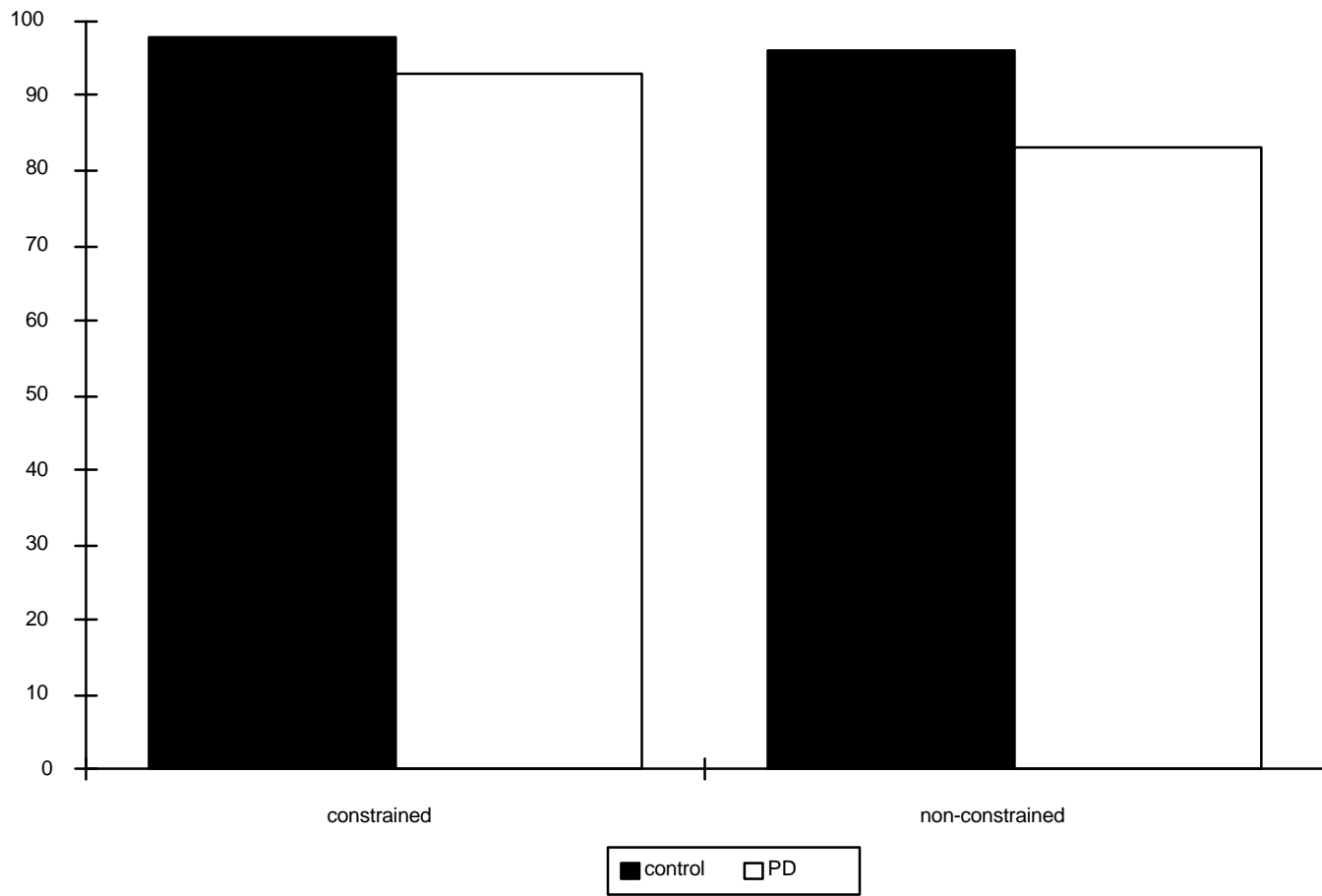


Figure 25: Comprehension of sentences that vary in semantic constraint (Grossman et al. 1992b)



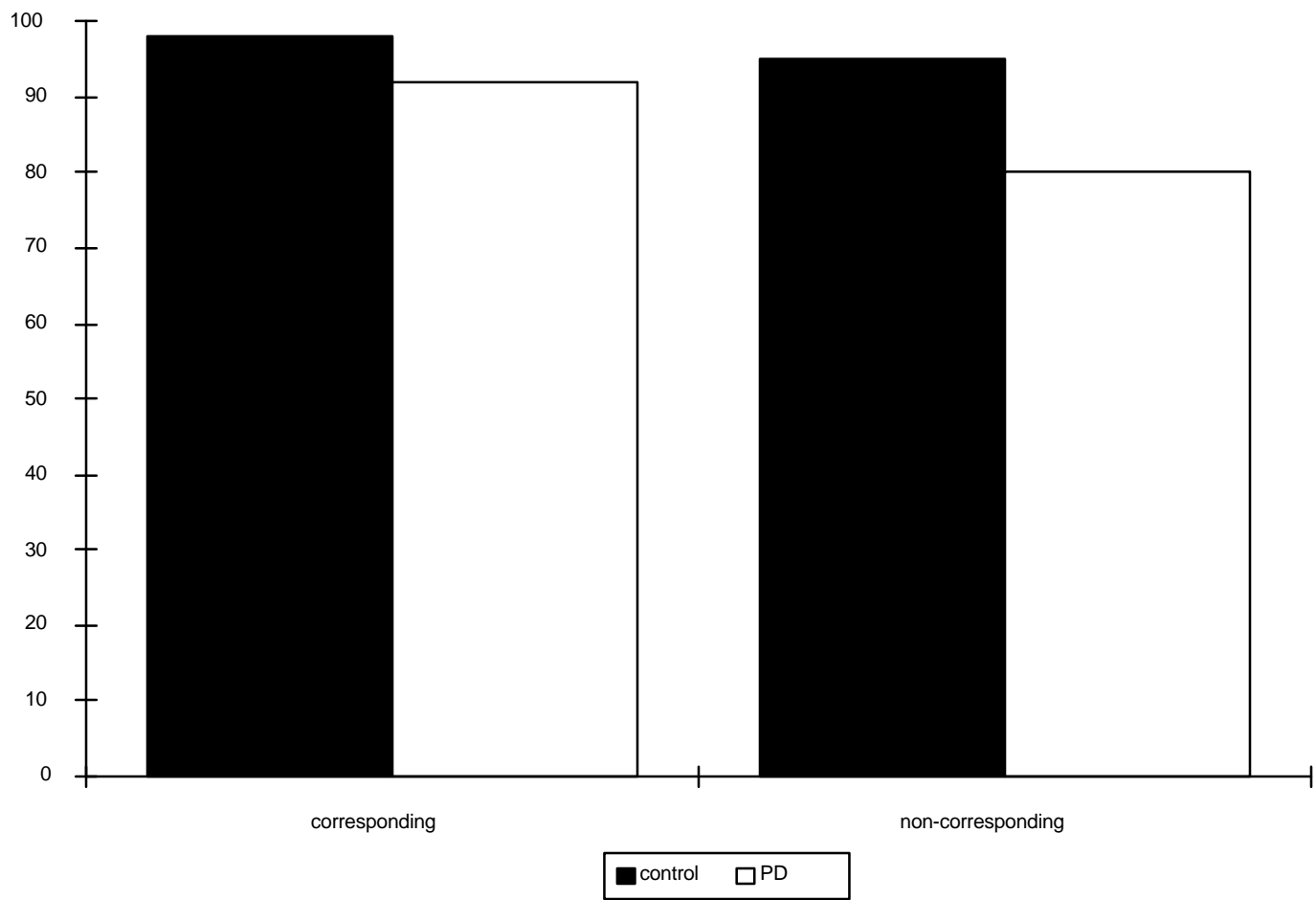




Figure 26: Comprehension of sentences that vary in voice correspondence with probes (Grossman et al. 1992b)

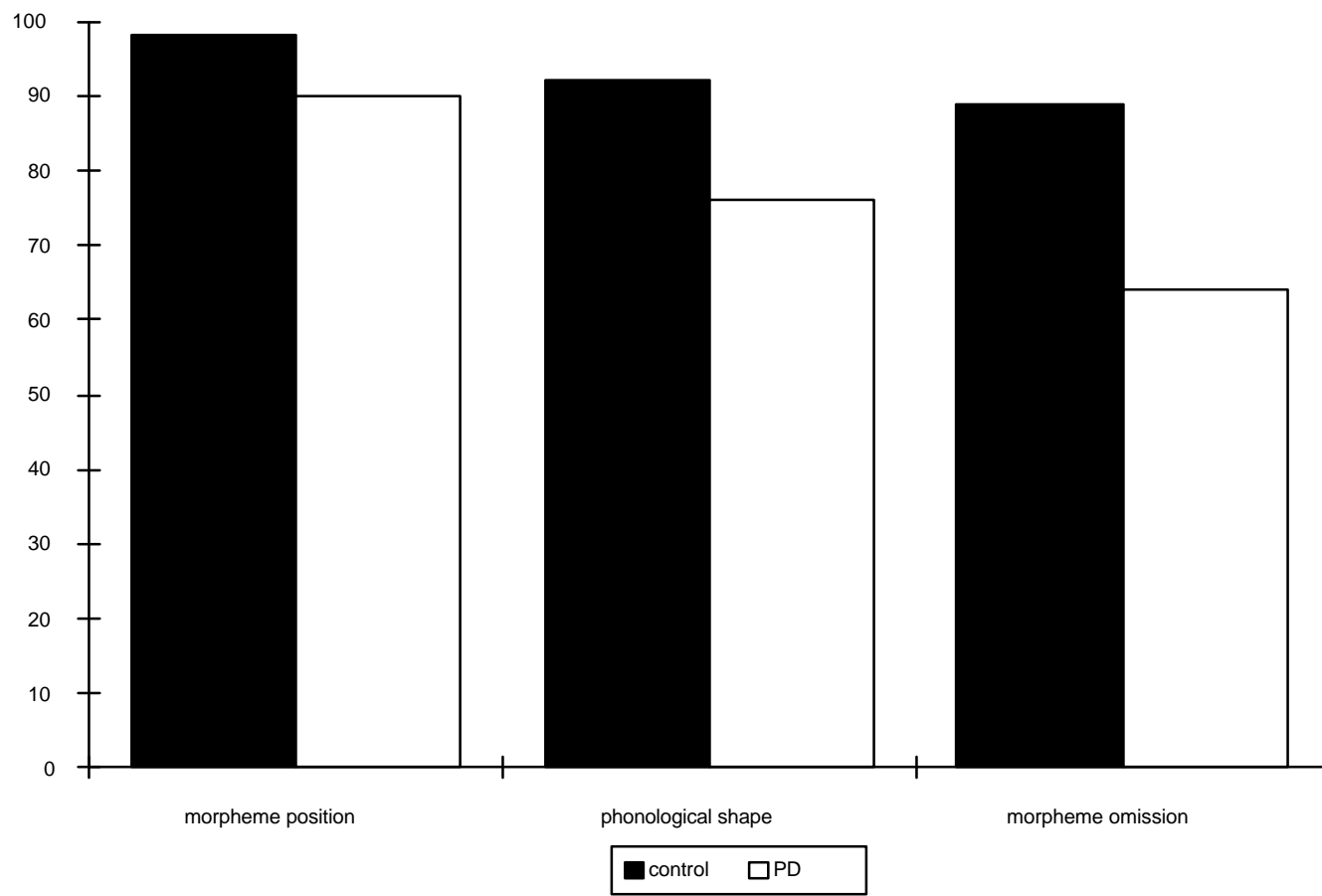


Figure 27: Detection of errors in sentences (Grossman et al. 1992b)

Table 13: Individual patients profiles (Grossman et al. 1993b)

Figure 35: Sentence comprehension performance "on" and "off" dopamine supplementation (Grossman, in press)

PD pts.	Construction Type									
	SS	SO	OS	OO	SC	OC	UCa	UCp	no STM	STM
HG	100	100	100	100	100	100	100	90	100	100
DJ	100	80	100	80	100	70	100	100	100	100
AW	100	40	100	100	100	100	100	100	100	100
JE	100	100	100	90	100	100	100	60	100	100
JD	100	100	100	100	100	100	100	100	100	100
AK	100	40	90	90	100	60	100	60	60	100
AD	100	90	100	90	100	100	90	90	100	100
CV	90	40	100	60	100	50	80	80	100	100
RK	100	100	100	100	100	100	100	100	100	100
WP	90	90	100	90	100	100	100	90	100	100
JN	90	60	100	70	100	100	90	90	100	100
JS	80	50	70	30	90	30	30	40	100	100
WS	100	100	100	100	100	100	100	100	100	100
RZ	100	50	100	40	100	60	100	90	100	100

<b>RD</b>	100	100	100	100	100	100	100	100	100	100
<i>Mean</i>	<i>96.7</i>	<i>76</i>	<i>97.3</i>	<i>82.7</i>	<i>99.3</i>	<i>84.7</i>	<i>92.7</i>	<i>86</i>	<i>97.3</i>	<i>100</i>
<b>Controls</b>										
1	100	100	100	100	100	100	100	90	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	90	100	90	100	100	100	100	100	100
4	100	100	100	100	100	100	100	90	100	100
5	100	100	100	100	100	100	100	100	100	100
<i>Mean</i>	<i>100</i>	<i>98</i>	<i>100</i>	<i>98</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>96</i>	<i>100</i>	<i>100</i>

Attentional Control

Syntactic STM

Parsing

Interpretation