

**On-line Table 1: T1ρ measurements of normal tissue, NPC, and benign hyperplasia<sup>a</sup>**

T1ρ Measurements	Benign Hyperplasia (n = 41)		Normal Brain (n = 41)	Normal Muscle (n = 41)	Normal Parotid Gland (n = 41)	P Value (NPC vs Benign Hyperplasia)	P Value (NPC vs Brain)	P Value (NPC vs Muscle)	P Value (NPC vs Parotid)
	NPC (n = 43)	Hyperplasia (n = 41)							
Mean (ms)	62.14 (60.08–65.66)	65.45 (64.03–67.86)	73.33 (72.71–74.24)	35.62 (34.22–37.17)	53.14 (49.98–58.40)	.001	<.001	<.001	<.001
SD (ms)	12.60 (11.96–13.61)	17.73 (15.98–19.27)	9.47 (8.99–10.07)	4.97 (4.30–5.44)	10.72 (9.33–12.34)	.001	.001	.001	.001
Skewness	0.61 (0.46–0.78)	0.76 (0.63–1.22)	-0.02 (-0.14–0.10)	0.83 (0.55–1.00)	0.70 (0.47–0.90)	.001	.001	.005	.76
Kurtosis	3.55 (3.15–4.13)	3.80 (3.23–6.06)	2.54 (2.38–2.65)	3.90 (3.23–4.96)	3.58 (2.95–4.17)	.18	.001	.02	.35

<sup>a</sup> Data are median values; data in parentheses are interquartile range. P values < .05 indicate statistical significance.

**On-line Table 2: Intra- and interobserver agreement between 2 observers for T1ρ measurements<sup>a</sup>**

T1ρ measurements	Observer 1 Measurement		Observer 1 Average	Observer 2	Intraobserver Agreement (ICC)	Interobserver Agreement (ICC)
	Measurement 1	Measurement 2				
Mean (ms)	62.94 (51.18–70.57)	61.45 (50.78–69.20)	62.07 (51.18–69.68)	61.83 (50.11–68.21)	0.99 (0.99–1.00) <sup>b</sup>	0.99 (0.98–0.99) <sup>b</sup>
SD (ms)	10.44 (8.54–13.69)	10.25 (8.45–14.39)	10.34 (8.57–14.04)	10.72 (8.60–13.97)	0.98 (0.97–0.98) <sup>b</sup>	0.96 (0.95–0.97) <sup>b</sup>
Skewness	0.54 (0.68–0.80)	0.61 (0.32–0.88)	0.59 (0.34–0.83)	0.64 (0.27–0.92)	0.88 (0.84–0.91) <sup>b</sup>	0.81 (0.75–0.86) <sup>b</sup>
Kurtosis	3.23 (2.63–4.05)	3.42 (2.77–4.13)	3.34 (2.81–4.02)	3.40 (2.75–4.43)	0.80 (0.75–0.86) <sup>b</sup>	0.56 (0.42–0.66) <sup>b</sup>

**Note:**—ICC indicates intraclass correlation coefficient.

<sup>a</sup> Unless otherwise indicated, data are median values; data in parentheses are interquartile range.

<sup>b</sup> Data in parentheses in the last 2 columns are 95% confidence intervals.