

Supplementary Table I Scores and Clinical Data

Pt	ARAT				De Renzi			De Renzi	De Renzi	ARAT	ARAT	GRADE	Localization
	early post-op				early post-op			1 month post-op	pre-op	1 month post-op	pre-op		
	grasp	grip	pinch	global score	meanful	meanless	global score	global score	global score	global score	global score		
<b>Pt1</b>	18	12	18	48	36	36	72	72	72	48	48	other	P
<b>Pt2</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	F
<b>Pt3</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	P
<b>Pt4</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	F
<b>Pt5</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	F
<b>Pt6</b>	18	12	18	48	36	36	72	72	72	48	48	other	P
<b>Pt7</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	T
<b>Pt8</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	F-T
<b>Pt9</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	T-P
<b>Pt10</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	T-P
<b>Pt11</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	T
<b>Pt12</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	T-P
<b>Pt13</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	T-P
<b>Pt14</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	T
<b>Pt15</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	T
<b>Pt16</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	T-P
<b>Pt17</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	T
<b>Pt18</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	F

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<b>Pt19</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	F-T
<b>Pt20</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	T
<b>Pt21</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	F-T
<b>Pt22</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	T-P
<b>Pt23</b>	18	12	18	48	36	36	72	68	72	48	48	HGG	P
<b>Pt24</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	T-P
<b>Pt25</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	F
<b>Pt26</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	T
<b>Pt27</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	F-T
<b>Pt28</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	T
<b>Pt29</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	P
<b>Pt30</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	T
<b>Pt31</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	P
<b>Pt32</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	F
<b>Pt33</b>	18	12	18	48	36	36	72	72	72	48	48	HGG	T
<b>Pt34</b>	18	12	18	48	36	36	72	69	72	48	48	HGG	P
<b>Pt35</b>	18	12	18	48	36	36	72	72	72	45	48	LGG	T
<b>Pt36</b>	18	12	18	48	36	36	72	72	72	47	48	HGG	P
<b>Pt37</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	P
<b>Pt38</b>	18	12	18	48	36	36	72	72	72	48	48	LGG	F
<b>Pt39</b>	18	12	18	48	36	36	72	72	72	47	48	HGG	T
<b>Pt40</b>	18	12	18	48	35	35	70	72	72	48	48	HGG	T
<b>Pt41</b>	18	12	18	48	35	35	70	68	69	48	48	other	F

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<b>Pt42</b>	18	12	18	48	36	34	70	68	72	48	48	LGG	F
<b>Pt43</b>	18	12	18	48	36	34	70	72	72	48	48	HGG	F
<b>Pt44</b>	18	12	18	48	35	35	70	72	72	48	48	LGG	F-T
<b>Pt45</b>	18	12	18	48	35	35	70	72	72	48	48	HGG	T
<b>Pt46</b>	18	12	18	48	35	35	70	72	72	48	48	HGG	F-T
<b>Pt47</b>	18	12	18	48	35	35	70	72	72	48	48	other	P
<b>Pt48</b>	18	12	18	48	35	35	70	70	72	48	48	LGG	F
<b>Pt49</b>	18	12	18	48	36	33	69	72	68	48	48	LGG	T
<b>Pt50</b>	18	12	18	48	35	34	69	70	72	48	48	HGG	F
<b>Pt51</b>	18	12	18	48	36	31	67	67	72	48	48	HGG	T
<b>Pt52</b>	18	12	18	48	32	35	67	69	72	48	48	LGG	T-P
<b>Pt53</b>	18	12	18	48	36	30	66	70	70	48	48	HGG	F-T
<b>Pt54</b>	18	12	18	48	36	30	66	72	72	48	48	LGG	P
<b>Pt55</b>	18	12	18	48	30	36	66	66	70	48	48	HGG	T
<b>Pt56</b>	18	12	18	48	30	31	61	64	69	48	48	HGG	F
<b>Pt57</b>	18	12	18	48	27	26	53	72	72	48	48	HGG	F
<b>Pt58</b>	18	12	18	48	25	26	51	72	72	48	48	HGG	T-P
<b>Pt59</b>	18	12	18	48	32	21	50	55	72	48	48	HGG	P
<b>Pt60</b>	18	12	18	48	16	14	30	67	72	48	48	HGG	P
<b>Pt61</b>	18	12	17	47	35	35	70	72	72	48	48	HGG	F-T
<b>Pt62</b>	18	12	17	47	36	33	69	72	72	48	48	HGG	F-T
<b>Pt63</b>	18	12	17	47	28	16	44	44	62	48	48	HGG	P
<b>Pt64</b>	18	12	17	47	20	23	43	72	72	48	48	HGG	P

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<b>Pt65</b>	18	10	18	46	17	13	30	60	72	48	48	HGG	P
<b>Pt66</b>	18	12	15	45	36	36	72	72	72	48	48	HGG	F
<b>Pt67</b>	18	12	15	45	36	34	70	70	72	45	48	HGG	F
<b>Pt68</b>	18	12	15	45	35	27	62	72	61	48	48	HGG	T-P
<b>Pt69</b>	18	12	14	44	36	32	68	72	72	48	48	LGG	T-P
<b>Pt70</b>	18	11	13	42	36	36	72	72	72	47	48	HGG	P
<b>Pt71</b>	18	9	13	40	30	32	62	60	72	34	48	LGG	F
<b>Pt72</b>	17	12	10	39	28	27	55	68	72	48	48	HGG	P
<b>Pt73</b>	18	12	8	38	21	18	39	72	59	48	48	HGG	P
<b>Pt74</b>	16	10	9	35	35	35	70	70	68	48	48	HGG	P
<b>Pt75</b>	15	8	12	35	30	18	48	72	72	48	48	LGG	P
<b>Pt76</b>	18	8	7	33	30	18	48	67	72	48	48	HGG	P
<b>Pt77</b>	16	6	6	28	16	17	33	65	72	48	48	HGG	P
<b>Pt78</b>	11	8	7	26	24	17	41	72	70	48	48	LGG	F
<b>Pt79</b>	10	4	6	20	31	31	62	68	70	41	48	HGG	T-P

Legend  
 Pt = Patient  
 HGG = high grade glioma  
 LGG = low grade glioma  
 Other = meningioma  
 P = Parietal  
 F = Frontal  
 T = Temporal  
 T-P = Temporo-Parietal  
 F-T = Fronto-Temporal