

## Metadata of patient

<b>SampleID</b>	<b>Sex</b>	<b>Age</b>	<b>Stroke severity (Pairing for controls)</b>	<b>Recovery status (Pairing for controls)</b>
<b>Ctr01</b>	male	63	Moderate	No recovery
<b>Ctr02</b>	male	76	Minor	Recovery
<b>Ctr03</b>	male	72	Moderate	No recovery
<b>Ctr04</b>	male	72	Moderate	No recovery
<b>Ctr05</b>	female	72	Minor	No recovery
<b>Ctr06</b>	male	56	Moderate	Recovery
<b>Ctr07</b>	male	46	Minor	Recovery
<b>Ctr08</b>	male	54	Moderate	No recovery
<b>Ctr09</b>	male	82	Moderate	Recovery
<b>Ctr10</b>	female	72	Moderate	No recovery
<b>Ctr11</b>	female	72	Minor	No recovery
<b>Ctr12</b>	male	67	Minor	No recovery
<b>Ctr13</b>	male	43	Minor	No recovery
<b>Ctr14</b>	male	58	Moderate	No recovery
<b>Ctr15</b>	male	31	Minor	Recovery
<b>Ctr16</b>	female	62	Minor	Recovery
<b>Ctr17</b>	female	73	Moderate	Recovery
<b>Ctr18</b>	male	70	Moderate	Recovery
<b>Ctr19</b>	male	73	Minor	Recovery
<b>Ctr20</b>	female	65	Minor	No recovery
<b>Ctr21</b>	female	62	Healthy	
<b>Ctr22</b>	male	73	Minor	Recovery
<b>Ctr23</b>	female	96	Healthy	
<b>Ctr24</b>	male	56	Moderate	No recovery
<b>Ctr25</b>	female	56	Moderate	Recovery
<b>Ctr26</b>	male	73	Minor	No recovery
<b>Ctr27</b>	male	83	Moderate	No recovery
<b>Ctr28</b>	male	44	Minor	Recovery
<b>Ctr29</b>	female	67	Moderate	Recovery
<b>Ctr30</b>	female	43	Healthy	
<b>Ctr31</b>	male	57	Moderate	Recovery
<b>Ctr32</b>	male	46	Minor	Recovery
<b>Ctr33</b>	male	28	Healthy	
<b>Ctr34</b>	female	59	Minor	Recovery
<b>Ctr35</b>	male	64	Minor	Recovery
<b>Ctr36</b>	male	87	Moderate	No recovery
<b>Ctr37</b>	female	91	Minor	No recovery
<b>Ctr38</b>	female	90	Moderate	No recovery
<b>Ctr39</b>	female	98	Healthy	
<b>Ctr40</b>	female	89	Minor	No recovery
<b>Ctr41</b>	female	84	Minor	No recovery
<b>Ctr42</b>	male	87	Minor	Recovery
<b>Ctr43</b>	male	84	Moderate	Recovery
<b>Ctr44</b>	female	58	Healthy	

<b>Patient01</b>	female	68	Minor	No recovery
<b>Patient02</b>	male	52	Minor	Recovery
<b>Patient03</b>	female	74	Moderate	No recovery
<b>Patient04</b>	male	62	Moderate	No recovery
<b>Patient05</b>	female	57	Moderate	Recovery
<b>Patient06</b>	male	60	Moderate	No recovery
<b>Patient07</b>	male	85	Moderate	No recovery
<b>Patient08</b>	female	83	Minor	No recovery
<b>Patient09</b>	male	71	Moderate	Recovery
<b>Patient10</b>	male	77	Minor	Recovery
<b>Patient11</b>	male	58	Moderate	No recovery
<b>Patient12</b>	male	80	Minor	No recovery
<b>Patient13</b>	female	76	Moderate	Recovery
<b>Patient14</b>	male	81	Moderate	Recovery
<b>Patient16</b>	male	84	Moderate	No recovery
<b>Patient17</b>	female	63	Minor	Recovery
<b>Patient18</b>	female	74	Minor	No recovery
<b>Patient19</b>	female	69	Minor	No recovery
<b>Patient20</b>	female	67	Moderate	Recovery
<b>Patient21</b>	female	80	Minor	No recovery
<b>Patient22</b>	male	56	Minor	Recovery
<b>Patient23</b>	male	64	Moderate	No recovery
<b>Patient24</b>	male	88	Minor	Recovery
<b>Patient25</b>	male	60	Moderate	Recovery
<b>Patient26</b>	male	70	Minor	No recovery
<b>Patient27</b>	female	82	Minor	No recovery
<b>Patient28</b>	male	75	Moderate	No recovery
<b>Patient29</b>	male	48	Minor	No recovery
<b>Patient30</b>	male	75	Moderate	No recovery
<b>Patient31</b>	female	83	Moderate	No recovery
<b>Patient32</b>	male	79	Minor	Recovery
<b>Patient33</b>	male	51	Minor	Recovery
<b>Patient34</b>	male	84	Moderate	Recovery
<b>Patient35</b>	male	76	Minor	Recovery
<b>Patient36</b>	male	58	Moderate	Recovery
<b>Patient37</b>	male	65	Minor	Recovery
<b>Patient40</b>	male	37	Minor	Recovery

Patients showing a decrease of 1 or more NIHSS points from baseline to the chronic phase (3 months and/or 1 year) were categorized as exhibiting neurological improvement (Recovery), whereas those with unchanged or increased NIHSS were categorized as having no neurological improvement (No Recovery).

Minor stroke = NIHSS 1-5 and Moderate stroke = NIHSS, 6-20