

**Supplementary Table S1.** Demographic and SARS-CoV-2 overall clinical characteristics of SARS-CoV-2-positive patients along with SARS-CoV-2-negative exposed controls and their exposure relation to SARS-CoV-2 positive individual.

<b>No.</b>	<b>Age</b>	<b>Sex</b>	<b>Ethnicity</b>	<b>State of USA</b>	<b>Risk Factors</b>	<b>BMI *</b>	<b>PCR Result</b>	<b>Severity</b>
<b>1</b>	21	F	NHW	PA	none	24.8	positive	severe
<b>2</b>	71	M	H	CA	none	18.4	positive	severe
<b>3</b>	86	M	NHW	CA	Alzheimer's	21.1	positive	severe
<b>4</b>	18	F	NHW	AZ	none	22.0	positive	severe
<b>5</b>	31	M	NHW	CO	overweight	26.9	positive	severe
<b>6</b>	43	F	NHW	TX	overweight	25.8	positive	severe
<b>7</b>	70	F	NHW	LA	overweight	25.8	positive	severe
<b>8</b>	56	M	NHW	CA	overweight	27.3	positive	severe
<b>9</b>	44	F	NHW	GA	overweight	27.8	positive	severe
<b>10</b>	53	M	NHW	GA	obesity	30.7	positive	severe
<b>11</b>	37	M	NHW	FL	hypertension	23.8	positive	severe
<b>12</b>	60	M	NHW	CO	none	22.7	positive	severe
<b>13</b>	69	F	NHW	CO	hypertension	22.9	positive	severe
<b>14</b>	55	M	NHW	NY	obesity, HIV	37.2	positive	severe
<b>15</b>	67	F	NHW	IL	hypertension, diabetes mellitus, obesity, cerebral aneurysm	48.5	positive	severe

<b>16</b>	66	M	NHW	IL	hypertension, obesity, pulmonary embolus	33.2	positive	severe
<b>17</b>	49	F	NHW	AL	overweight	27.4	positive	severe
<b>18</b>	60	M	NHW	CA	hypertension, overweight	26.2	positive	severe
<b>19</b>	63	F	NHW	GA	hypertension, overweight	28.1	positive	severe
<b>20</b>	59	F	NHW	GA	hypertension	NA	positive	severe
<b>21</b>	53	F	NHW	CA	none	24.5	positive	severe
<b>22</b>	36	M	NHW	OR	obesity	30.7	positive	severe
<b>23</b>	10	M	NHW	HI	none	14.5	positive	severe
<b>24</b>	52	M	NHW	HI	none	24.1	positive	severe
<b>25</b>	55	F	NHW	HI	hypertension, overweight	25.0	positive	severe
<b>26</b>	61	F	NHW	WA	none	23.8	positive	severe
<b>27</b>	72	F	NHW	CA	none	19.5	positive	severe
<b>28</b>	62	M	NHW	TN	obesity, hypertension	31.5	positive	severe
<b>29</b>	23	F	NHW	CA	obesity	30.9	positive	moderate
<b>30</b>	25	F	NHW	CA	Obesity, asthma	30.6	positive	moderate

<b>31</b>	24	F	NHW	AZ	asthma	NA	positive	moderate
<b>32</b>	36	F	H	AZ	hypertension, overweight	25.4	positive	moderate
<b>33</b>	33	M	H	CA	none	18.4	positive	moderate
<b>34</b>	63	F	H	CA	overweight	NA	positive	moderate
<b>35</b>	65	M	NHW	TX	COPD	NA	positive	moderate
<b>36</b>	75	M	NHW	CA	hypertension, severe obesity	48.5	positive	moderate
<b>37</b>	67	M	NHW	CA	obesity	33.1	positive	moderate
<b>38</b>	70	M	NHW	GA	obesity	30.7	positive	moderate
<b>39</b>	57	F	NHW	TX	obesity	32.0	positive	moderate
<b>40</b>	69	F	NHW	NE	hypertension	20.9	positive	moderate
<b>41</b>	19	M	NHW	GA	none	23.5	positive	mild
<b>42</b>	36	F	NHW	NY	none	18.6	positive	mild
<b>43</b>	35	F	NHW	CA	overweight	28.5	positive	mild

<b>44</b>	53	M	NHW	NE	overweight	29.0	positive	mild
<b>45</b>	38	F	NA	TN	obesity	31.3	positive	mild
<b>46</b>	45	F	NHW	PA	hypertension	23.0	positive	mild
<b>47</b>	22	M	NHW	GA	overweight	25.8	positive	asymptomatic
<b>48</b>	48	F	H	CA	none	20.4	positive	asymptomatic
<b>49</b>	67	M	NHW	WI	overweight	28.5	positive	asymptomatic
<b>50</b>	53	M	NHW	IL	obesity, diabetes	35.3	positive	asymptomatic
<b>51</b>	67	F	NHW	WI	overweight, ` husband	26.6	negative	exposed
<b>52</b>	58	F	H	PA	obesity, + daughter	30.0	negative	exposed
<b>53</b>	51	F	NHW	CA	hypertension, prediabetes, + son, + husband, + daughter	25.0	negative	exposed
<b>54</b>	63	M	NHW	CA	overweight, + mother	26.4	negative	exposed
<b>55</b>	29	M	NHW	CA	overweight, + brother	26.4	negative	exposed

<b>56</b>	23	F	NHW	CA	overweight, + brother	26.4	negative	exposed
<b>57</b>	62	F	NHW	CA	none, (kissed) + boyfriend	17.4	negative	exposed
<b>58</b>	51	F	NHW	CA	none, + son, + husband + daughter	19.9	negative	exposed
<b>59</b>	16	F	NHW	CA	none, + mom	21.2	negative	exposed
<b>60</b>	26	M	B	CA	none, + patients	19.5	negative	exposed
<b>61</b>	56	F	NHW	CA	none, + patient samples	25.5	negative	exposed
<b>62</b>	53	F	NHW	CA	none, + workers, + patients, + patient samples	24.0	negative	exposed
<b>63</b>	35	M	NHW	KS	none, + wife	23.7	negative	exposed
<b>64</b>	35	M	NHW	CA	none, + roommate	21.7	negative	exposed
<b>65</b>	64	F	H	TN	prediabetic, overweight, + physician, + daughter,	26.0	negative	exposed

+ son-in-law									
<b>66</b>	43	F	NHW	CA	overweight,	26.6	negative	exposed	
+ patient samples									
<b>67</b>	45	F	NHW	CA	obesity, + patients	35.1	negative	exposed	
<b>68</b>	44	M	NHW	CA	overweight, +	27.2	negative	exposed	
patients, + patient samples									
<b>69</b>	52	M	NHW	CA	overweight,	27.1	negative	exposed	
+ patients									
<b>70</b>	15	F	NHW	AZ	overweight, +	27.1	negative	exposed	
brother									

\*BMI, body mass index; <sup>+</sup> NHW = non-Hispanic White, H = Hispanic, B=Black, NA = Native

American