

**Supplementary Table 3.** Results of quality assessment of the articles

Study*	Description of diagnostic test	Study subject	Readers	Reading process	Blinding review	Statistical analysis	Actual number of subjects and observations
Jiang et al. <sup>20</sup> (2019)	High	High	High	High	High	High	High
Kim et al. <sup>5</sup> (2019)	High	High	High	High	High	High	High
Ludwig et al. <sup>6</sup> (2019)	High	High	High	High	High	High	High
Kim et al. <sup>7</sup> (2020)	High	Low	High	High	High	High	High
Kim et al. <sup>8</sup> (2020)	High	Low	High	High	High	High	High
Lim et al. <sup>9</sup> (2020)	High	High	High	High	High	High	High
Cannella et al. <sup>22</sup> (2021)	High	High	High	High	High	High	High
Min et al. <sup>21</sup> (2021)	High	High	High	Unclear	High	High	High
Moon et al. <sup>23</sup> (2021)	High	High	High	High	High	High	High
Shin et al. <sup>24</sup> (2021)	High	High	High	High	High	High	High
Yoon et al. <sup>25</sup> (2021)	High	High	Unclear	High	High	High	High
Chen et al. <sup>26</sup> (2022)	High	High	High	High	High	High	High
Jang et al. <sup>10</sup> (2022)	High	Low	High	High	High	High	High
Liang et al. <sup>27</sup> (2022)	High	Low	High	High	High	High	High
Min et al. <sup>11</sup> (2022)	High	High	High	High	High	High	High
Yang et al. <sup>28</sup> (2022)	High	Low	High	High	High	High	High
Yang et al. <sup>29</sup> (2022)	High	High	High	High	High	High	High
Zheng et al. <sup>12</sup> (2022)	High	High	High	Unclear	High	High	High
Hwang et al. <sup>30</sup> (2023)	High	High	High	High	High	High	High
Park et al. <sup>33</sup> (2023)	High	High	Low	High	High	High	High
Wu et al. <sup>34</sup> (2023)	High	High	High	High	High	High	High
Yang et al. <sup>13</sup> (2023)	High	High	High	High	High	High	High
Min et al. <sup>31</sup> (2024)	High	High	High	High	High	High	High
Oh et al. <sup>32</sup> (2024)	High	High	High	High	High	High	High

\*Studies are listed in the main body.