

**Supplementary Table 1. Newcastle-Ottawa quality of assessment scores**

Study [Author(y) <sup>ref</sup> ]	Selection				Comparability		Outcome		Adequacy of Follow-up	Total
	Exposed Cohort Representative or Somewhat Representative	Selection Non- Exposed Cohort Adequate	Ascertainment of Exposure Adequate	Outcome of Interest Not Present at Outset	Control for Cancer Type	Control for Additional Factors	Adequate Assessment of Outcome	Follow-up Long Enough (≥30d)	Complete or adequate f/u	Number of Stars
Zhang H ('20) <sup>73</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9
Robilotti ('20) <sup>63</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9
Dai ('20) <sup>41</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8
Zhang, L ('20) <sup>74</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8
Kalinsky ('20) <sup>51</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8
Klebanov ('21) <sup>52</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8
Lee ('20) <sup>54</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8
Luo ('20) <sup>55</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8
Nakamura ('20) <sup>58</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8
Nichetti ('20) <sup>59</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8
Trapani ('20) <sup>69</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8
Wang ('20) <sup>70</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8
Jee ('20) <sup>50</sup>	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	7
Lara ('20) <sup>53</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	UC	7
Sng ('20) <sup>67</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	UC	7
Yarza ('20) <sup>71</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	UC	7
Calles ('20) <sup>39</sup>	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Di Cosimo ('21) <sup>43</sup>	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Singh ('20) <sup>66</sup>	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7
Crolley ('20) <sup>40</sup>	Yes	Yes	Yes	Yes	No	No	Yes	Yes	UC	6
Grivas ('21) <sup>48</sup>	Yes	Yes	Yes	Yes	No	No	Yes	Yes	UC	6
Mehta, A ('20) <sup>31</sup>	Yes	Yes	Yes	Yes	No	No	Yes	Yes	UC	6
Pinato ('20) <sup>61</sup>	Yes	Yes	Yes	Yes	No	No	Yes	Yes	UC	6
Pinto ('20) <sup>62</sup>	Yes	Yes	Yes	Yes	No	No	Yes	Yes	UC	6
Russell ('20) <sup>65</sup>	Yes	Yes	Yes	Yes	No	No	Yes	Yes	UC	6
Gonzalez-Cao ('20) <sup>46</sup>	Yes	Yes	Yes	Yes	Yes	No	Yes	No	UC	6
Hanna ('20) <sup>49</sup>	Yes	Yes	Yes	Yes	Yes	No	Yes	No	UC	6
Nie ('20) <sup>60</sup>	Yes	Yes	Yes	Yes	Yes	No	Yes	No	UC	6
Rogado ('20) <sup>64</sup>	Yes	Yes	Yes	Yes	Yes	No	Yes	No	UC	6
Albiges ('20) <sup>36</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	6
Yu ('20) <sup>73</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	6
Angelis ('20) <sup>37</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5
Assad ('20) <sup>40</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5
De Joode ('20) <sup>42</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5
Fillmore ('20) <sup>44</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5
Fuentes-Antras ('20) <sup>45</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5
Garassino ('20) <sup>35</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5
Goudsmit ('21) <sup>48</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5
Mandala ('20) <sup>56</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5
Mehta, V ('20) <sup>57</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5
Stroppa ('20) <sup>68</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5
Wood ('20) <sup>32</sup>	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5

UC – unclear. Please refer to supplemental methods for details regarding Newcastle-Ottawa quality of assessment scores.