

Supplementary material

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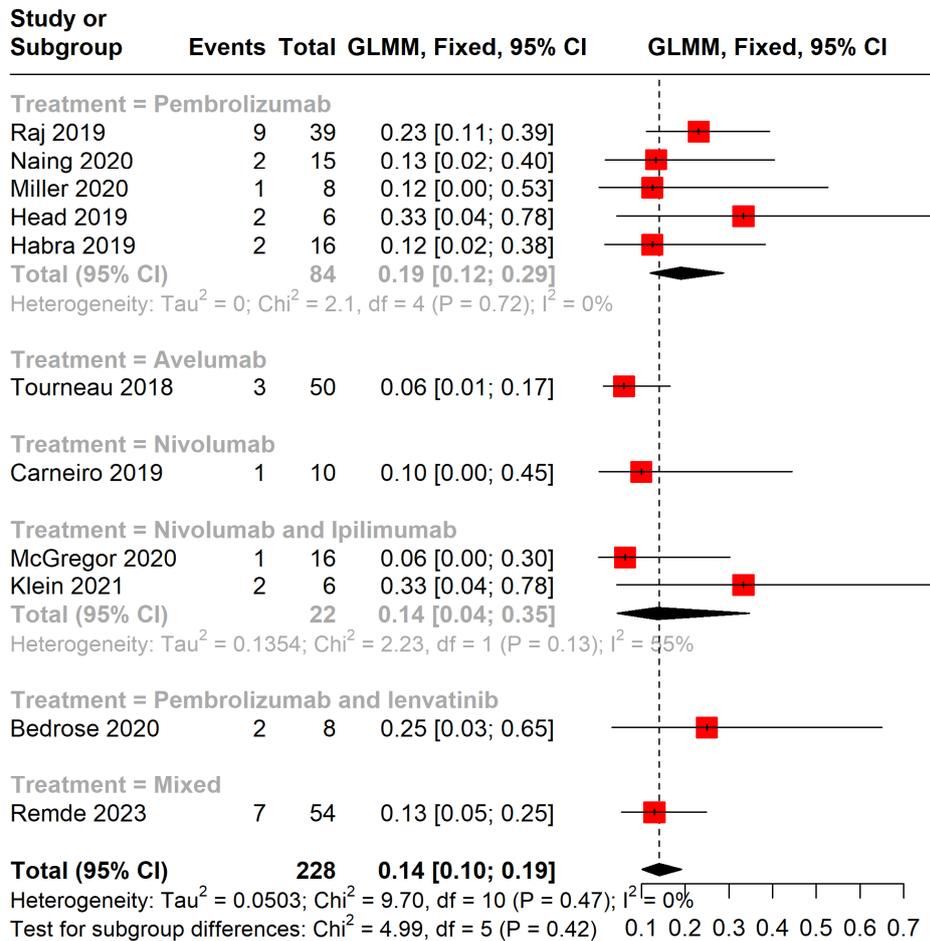


Figure S1. ORR based on the used treatment [16,17,21,23–25,29–32].

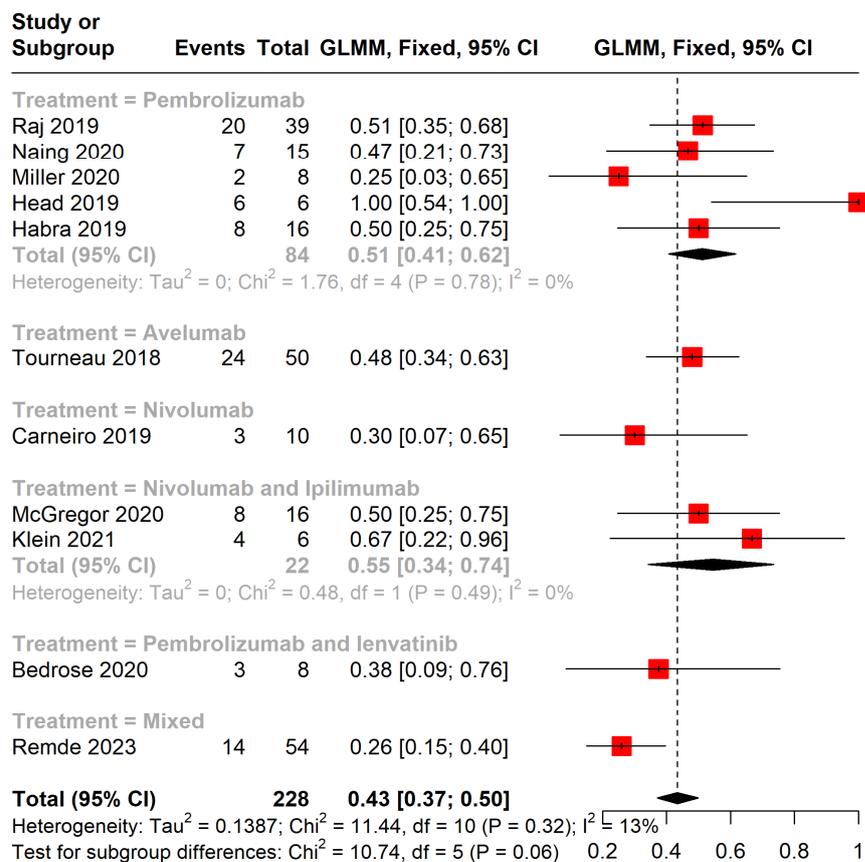


Figure S2. DCR based on the used treatment [16,17,21,23–25,29–32].

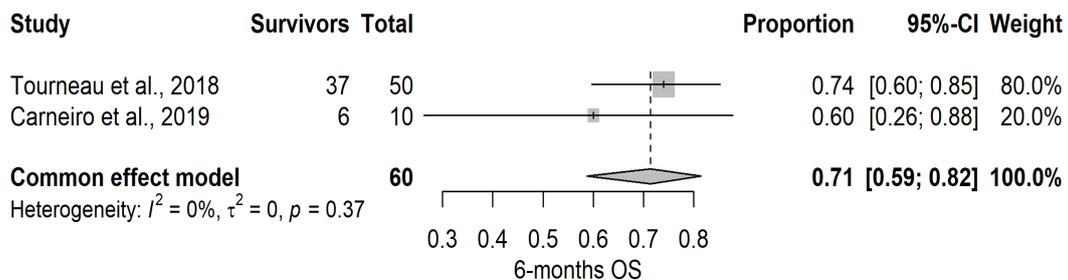


Figure S3. 6-months overall survival [17,23].

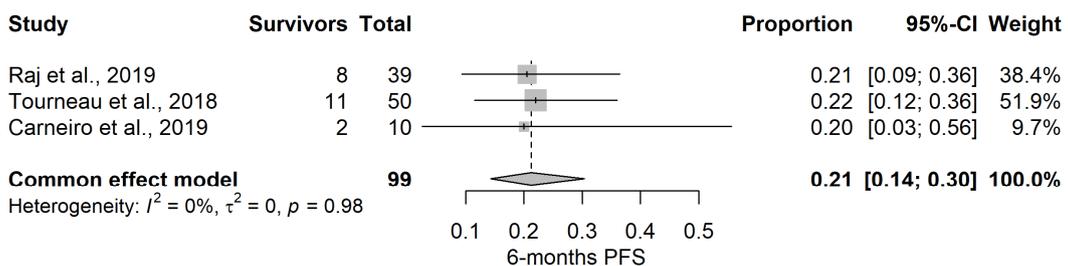


Figure S4. 6-months progression-free survival [16,17,23].

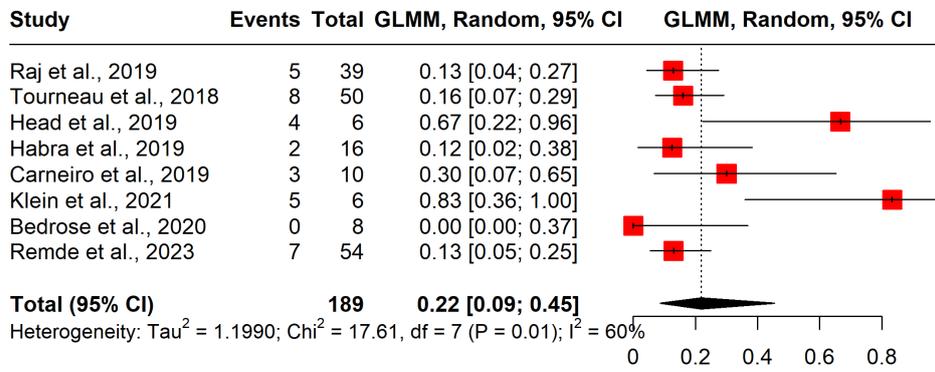


Figure S5. Grade III/IV adverse events [16,17,23,25,30–32].

Table S1. Search algorithms.

PubMed
((adrenocortical[Title/Abstract] OR (acc[Title/Abstract])) OR (adrenal*[Title/Abstract])) AND ((((((((((immune checkpoint inhibitors[Title/Abstract] OR (ipilimumab[Title/Abstract])) OR (nivolumab[Title/Abstract])) OR (pembrolizumab[Title/Abstract])) OR (avelumab[Title/Abstract])) OR (cemiplimab[Title/Abstract])) OR (tremelimumab[Title/Abstract])) OR (durvalumab[Title/Abstract])) OR (atezolizumab[Title/Abstract])) OR (spartalizumab[Title/Abstract])) OR (immunotherapy[Title/Abstract]))
Scopus
((TITLE-ABS-KEY (adrenocortical)) OR (TITLE-ABS-KEY (acc)) OR (TITLE-ABS-KEY (adrenal*))) AND ((TITLE-ABS-KEY ("immune checkpoint inhibitors")) OR (TITLE-ABS-KEY ("ipilimumab")) OR (TITLE-ABS-KEY ("nivolumab")) OR (TITLE-ABS-KEY ("pembrolizumab")) OR (TITLE-ABS-KEY ("avelumab")) OR (TITLE-ABS-KEY ("cemiplimab")) OR (TITLE-ABS-KEY ("tremelimumab")) OR (TITLE-ABS-KEY ("durvalumab")) OR (TITLE-ABS-KEY ("atezolizumab")) OR (TITLE-ABS-KEY ("spartalizumab"))))
CENTRAL
(Adrenocortical carcinoma)

Table S2. Quality appraisal of included studies according to MINORS assessment tool.

Study	A clearly stated aim	Inclusion of consecutive patients	Prospective collection of data	Endpoints appropriate to the aim of the study	Unbiased assessment of the study endpoint	Follow-up period appropriate to the aim of the study	Loss to follow up less than 5%	Prospective calculation of the study size	Overall Appraisal score
Remde2023	2	2	0	2	1	2	1	0	10
Edenfield2021	2	2	2	2	2	2	2	0	14
Klein2021	2	2	2	2	1	2	2	1	14
Bedrose2020	2	2	0	2	1	2	2	1	12
McGregor2020	2	2	2	2	1	2	1	2	14
Miller2020	2	2	0	2	1	2	2	0	11
Naing2020	2	2	2	2	1	2	1	2	14
Carneiro2019	2	2	2	2	2	1	1	2	14
Geoerger2019	2	2	2	2	1	1	2	2	14
Habra2019	2	2	2	2	1	2	1	1	13
Head2019	2	2	0	2	1	2	2	0	11
Raj2019	2	2	2	2	2	2	2	2	16
Tourneau2018	2	2	2	2	1	2	2	2	15
Sakamouri2017	2	2	2	2	1	2	2	0	13

