

Table S1 Treatment information of overall patients

Treatment Line	ICIs	Targeted Medicine	Therapeutic Schedule	Chemotherapeutic Regimen	The number of people
1	Tislelizumab	Apatinib		-	2
1	Tislelizumab	Lenvatinib		Paclitaxel (Albumin Bound) and Lobaplatin	1
2	Pembrolizumab	Lenvatinib		-	2
2	Camrelizumab	Apatinib		-	10
2	Camrelizumab	Apatinib		Paclitaxel (Albumin Bound)	2
2	Camrelizumab	Trastuzumab		Paclitaxel (Albumin Bound)	2
2	Toripalimab	Apatinib		-	2
2	Sintilimab	Apatinib		-	1
2	Sintilimab	Apatinib		Lobaplatin	1
2	Sintilimab	Trastuzumab		Tegafur Gimeracil Oteracil Potassium Capsule	2
3	Camrelizumab	Apatinib		-	19
3	Camrelizumab	Lenvatinib		-	1
3	Pembrolizumab	Apatinib		-	1
3	Pembrolizumab	Trastuzumab		Paclitaxel (Albumin Bound)	2
3	Toripalimab	Apatinib		-	2
3	Tislelizumab	-		-	2
3	Tislelizumab	-		Capecitabine	1
3	Sintilimab	Apatinib		-	15
3	Sintilimab	Trastuzumab		Tegafur Gimeracil Oteracil Potassium Capsule	2
4	Camrelizumab	Apatinib		-	1
4	Pembrolizumab	Apatinib		-	1
4	Toripalimab	Apatinib		-	2