

**Supplementary Table 2.** Demand for big data related to cancer, classified by category (n=163)

Classification	n (%)
Diagnosis	
Cancer type at diagnosis status	139 (85.3)
Clinical stage	138 (84.7)
Metastasis	134 (82.2)
Recurrence	136 (83.4)
Physical measurement	82 (50.3)
Tests	
Laboratory test	119 (73.0)
Image test	105 (64.4)
Cancer Genetic Test	129 (79.1)
Pathology	
Surgical pathology	97 (59.5)
Immunopathology	98 (60.1)
Molecular pathology	89 (54.6)
Operation	
Operation information	119 (73.0)
Operation finding	82 (50.3)
Pre-operation clinical findings	87 (53.4)
Post-operation complications	96 (58.9)
Treatments	
Chemotherapy	154 (94.5)
Hormone therapy	109 (66.9)
Radiation therapy	109 (66.9)
Other treatments	97 (59.5)