Scene Class	r_k	r_{diff}	Symbol
Class 1	0.5561	Not applicable as this is $\vee r_k$	Not applicable
Class 2	0.0264	0.3911	>
Class 3	0.0000	Discarded as $r_3 = 0$	×
Class 4	0.4175	0.1386	>
Final Result	Class 1> Class 4> Class 2, but × Class 3 Scene image has the highest possibility as Class 1, follow by Class 4 and Class 2 respectively. But scene image is definitely not belong to Class 3.		