On-centre, off-surround receptive field

A

Off area
(surround)

On area
(centre)

Light

Response

Stimulus ✅ **Strong**

B

Response

Stimulus ❌

C

Response

Stimulus ❌

D

Response

Stimulus ❌

E

Response

Stimulus ✅ Weak
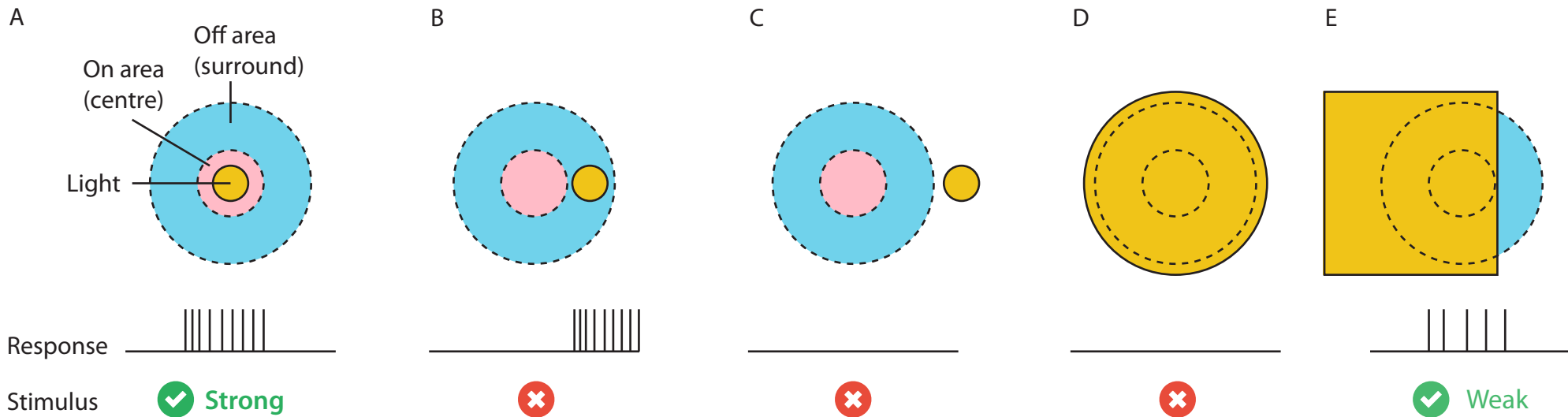
Off-centre, on-surround receptive field

F

On area
(surround)

Off area
(centre)

Response

Stimulus ❌

G

Response

Stimulus ✅ **Strong**

H

Response

Stimulus ❌

I

Response

Stimulus ❌

J

Response

Stimulus ✅ Weak