Table: Percent  $\Delta$  acceptance. Shown as (electron channel, muon channel)

| Systematic   | RSG m500       | RSG m750     | RSG m1000    | RSG m1250    | RSG m1500    |
|--------------|----------------|--------------|--------------|--------------|--------------|
|              |                |              |              |              |              |
| JES          | (16.18, 16.51) | (5.05, 4.79) | (5.38, 3.89) | (6.10, 4.89) | (1.94, 1.20) |
| JER          | (1.08, 0.91)   | (0.84, 0.72) | (0.43, 0.63) | (1.02, 1.00) | (0.98, 0.92) |
| LES          | (0.27, 0.05)   | (0.19, 0.01) | (0.52, 0.01) | (0.28, 0.02) | (0.32, 0.00) |
| LER          | (0.14, 0.24)   | (0.08, 0.60) | (0.46, 0.95) | (0.20, 0.72) | (0.00, 1.54) |
| All Clusters | (1.11, 1.10)   | (0.18, 0.16) | (0.32, 0.24) | (0.16, 0.09) | (0.15, 0.00) |
| Met PileUp   | (1.02, 0.87)   | (0.09, 0.16) | (0.38, 0.24) | (0.18, 0.09) | (0.00, 0.00) |
| ID SF        | (0.86, 0.04)   | (0.88, 0.04) | (0.90, 0.04) | (0.95, 0.04) | (0.95, 0.04) |
| Isolation SF | (2.00, 1.00)   | (2.00, 1.00) | (2.00, 1.00) | (2.00, 1.00) | (2.00, 1.00) |
| Reco SF      | (0.90, 0.37)   | (0.88, 0.40) | (0.84, 0.43) | (0.79, 0.45) | (0.81, 0.47) |
| Trigger SF   | (0.55, 1.74)   | (0.56, 1.72) | (0.56, 1.73) | (0.56, 1.70) | (0.56, 1.69) |
| ISR/FSR      | (10.0, 10.0)   | (10.0, 10.0) | (10.0, 10.0) | (10.0, 10.0) | (10.0, 10.0) |
| Signal PDF   | (1.0, 1.0)     | (1.0, 1.0)   | (1.0, 1.0)   | (1.0, 1.0)   | (1.0, 1.0)   |
| Luminosity   | (3.90, 3.90)   | (3.90, 3.90) | (3.90, 3.90) | (3.90, 3.90) | (3.90, 3.90) |

Table: Percent  $\Delta$  acceptance. Shown as (electron channel, muon channel)

| Systematic   | Wprime m600  | Wprime m800  | Wprime m1000 | Wprime m1200 | Wprime m1400 |
|--------------|--------------|--------------|--------------|--------------|--------------|
|              |              |              |              |              |              |
| JES          | (4.44, 6.06) | (1.30, 0.93) | (0.78, 1.12) | (0.79, 2.31) | (0.53, 3.02) |
| JER          | (0.77, 2.02) | (0.44, 0.70) | (1.26, 1.33) | (1.00, 3.21) | (1.31, 1.90) |
| LES          | (0.19, 0.01) | (0.16, 0.06) | (0.14, 0.00) | (0.32, 0.01) | (0.05, 0.16) |
| LER          | (0.26, 0.57) | (0.12, 0.57) | (0.14, 0.46) | (0.18, 1.46) | (0.19, 1.26) |
| All Clusters | (0.53, 0.04) | (0.36, 0.12) | (0.04, 0.03) | (0.36, 0.51) | (0.14, 0.26) |
| Met PileUp   | (0.47, 0.09) | (0.29, 0.06) | (0.04, 0.12) | (0.28, 0.51) | (0.29, 0.28) |
| ID SF        | (0.89, 0.04) | (0.88, 0.04) | (0.88, 0.04) | (0.91, 0.04) | (0.92, 0.04) |
| Isolation SF | (2.00, 1.00) | (2.00, 1.00) | (2.00, 1.00) | (2.00, 1.00) | (2.00, 1.00) |
| Reco SF      | (0.86, 0.39) | (0.88, 0.41) | (0.87, 0.42) | (0.85, 0.44) | (0.81, 0.47) |
| Trigger SF   | (0.56, 1.72) | (0.56, 1.75) | (0.56, 1.75) | (0.56, 1.73) | (0.55, 1.75) |
| ISR/FSR      | (10.0, 10.0) | (10.0, 10.0) | (10.0, 10.0) | (10.0, 10.0) | (10.0, 10.0) |
| Signal PDF   | (1.0, 1.0)   | (1.0, 1.0)   | (1.0, 1.0)   | (1.0, 1.0)   | (1.0, 1.0)   |
| Luminosity   | (3.90, 3.90) | (3.90, 3.90) | (3.90, 3.90) | (3.90, 3.90) | (3.90, 3.90) |